

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029814.D
 Acq On : 27 Jun 2022 12:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:34:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	268659	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	531682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475995	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202774	55.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	5.391	113	169061	49.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.653	98	668680	52.762	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.520%			
62) 4-Bromofluorobenzene	11.079	95	247654	52.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	183636	55.890	ug/l	97
3) Chloromethane	1.288	50	190361	53.255	ug/l	99
4) Vinyl Chloride	1.374	62	204524	60.896	ug/l	99
5) Bromomethane	1.611	94	40103	26.664	ug/l	94
6) Chloroethane	1.685	64	109000	57.562	ug/l	98
7) Trichlorofluoromethane	1.886	101	226926	50.614	ug/l	96
8) Diethyl Ether	2.136	74	103494	57.036	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	156102	54.435	ug/l	93
10) Methyl Iodide	2.453	142	197789	67.622	ug/l	96
11) Tert butyl alcohol	2.983	59	257478	273.278	ug/l	97
12) 1,1-Dichloroethene	2.319	96	164024	58.405	ug/l	97
13) Acrolein	2.239	56	170419	577.034	ug/l	96
14) Allyl chloride	2.666	41	308801	66.068	ug/l	92
15) Acrylonitrile	3.068	53	614461	343.547	ug/l	99
16) Acetone	2.386	43	473919	313.870	ug/l	96
17) Carbon Disulfide	2.514	76	441306	60.196	ug/l	99
18) Methyl Acetate	2.709	43	279492	68.882	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	563646	57.960	ug/l	97
20) Methylene Chloride	2.788	84	196528	59.628	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	178088	58.191	ug/l	97
22) Diisopropyl ether	3.763	45	613907	66.267	ug/l	88
23) Vinyl Acetate	3.721	43	2708092	347.824	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	333645	61.112	ug/l	98
25) 2-Butanone	4.556	43	839054	346.484	ug/l	92
26) 2,2-Dichloropropane	4.477	77	235523	56.805	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	210649	58.698	ug/l	99
28) Bromochloromethane	4.903	49	120424	58.235	ug/l	86
29) Tetrahydrofuran	5.013	42	570352	352.422	ug/l	88
30) Chloroform	5.099	83	321838	56.811	ug/l	99
31) Cyclohexane	5.477	56	324428	63.586	ug/l	90
32) 1,1,1-Trichloroethane	5.397	97	257857	52.573	ug/l	96
36) 1,1-Dichloropropene	5.696	75	251339	53.177	ug/l	99
37) Ethyl Acetate	4.715	43	317145	63.251	ug/l	98
38) Carbon Tetrachloride	5.678	117	209033	46.442	ug/l	99
39) Methylcyclohexane	7.385	83	318373	54.077	ug/l	93
40) Benzene	6.044	78	789397	55.771	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	173761	65.429	ug/l	92
42) 1,2-Dichloroethane	6.086	62	251493	52.213	ug/l	98
43) Isopropyl Acetate	6.348	43	480185	61.895	ug/l	97
44) Trichloroethene	7.129	130	182749	38.772	ug/l	90
45) 1,2-Dichloropropane	7.434	63	200031	57.138	ug/l	98
46) Dibromomethane	7.586	93	129672	52.755	ug/l #	87
47) Bromodichloromethane	7.824	83	241041	51.298	ug/l	99
48) Methyl methacrylate	7.696	41	233396	61.458	ug/l	90
49) 1,4-Dioxane	7.683	88	107542	1114.684	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1560849	310.780	ug/l	94
52) Toluene	8.720	92	468567	52.624	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	270974	56.604	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	310891	57.532	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	192746	53.298	ug/l	95
56) Ethyl methacrylate	9.122	69	327211	59.016	ug/l	89
57) 1,3-Dichloropropane	9.311	76	335636	55.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	774388	295.865	ug/l	93
59) 2-Hexanone	9.433	43	1233749	322.307	ug/l	92
60) Dibromochloromethane	9.525	129	170960	49.777	ug/l	98
61) 1,2-Dibromoethane	9.616	107	201422	53.840	ug/l	98
64) Tetrachloroethene	9.281	164	135892	41.001	ug/l	95
65) Chlorobenzene	10.079	112	477810	51.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	159831	48.499	ug/l	96
67) Ethyl Benzene	10.195	91	904411	53.470	ug/l	99
68) m/p-Xylenes	10.305	106	675303	103.060	ug/l	98
69) o-Xylene	10.646	106	327558	50.740	ug/l	95
70) Styrene	10.659	104	546912	51.892	ug/l	98
71) Bromoform	10.805	173	111569	48.219	ug/l #	99
73) Isopropylbenzene	10.963	105	861012	54.407	ug/l	98
74) N-amyl acetate	10.848	43	417402	71.358	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	325036	61.501	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	290313m	61.521	ug/l	
77) Bromobenzene	11.201	156	181837	51.039	ug/l	80
78) n-propylbenzene	11.305	91	1071784	59.172	ug/l	97
79) 2-Chlorotoluene	11.366	91	616367	55.511	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	703384	53.161	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	102348	69.702	ug/l	96
82) 4-Chlorotoluene	11.457	91	704414	55.579	ug/l	97
83) tert-Butylbenzene	11.719	119	697647	53.857	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	718545	54.177	ug/l	100
85) sec-Butylbenzene	11.890	105	913631	56.500	ug/l	97
86) p-Isopropyltoluene	12.012	119	738311	54.917	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	357646	52.505	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	357985	52.643	ug/l	96
89) n-Butylbenzene	12.335	91	697294	60.224	ug/l	97
90) Hexachloroethane	12.542	117	117891	60.592	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	349010	52.174	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	76943	64.958	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	207442	51.353	ug/l	96
94) Hexachlorobutadiene	13.725	225	72472	44.932	ug/l	96
95) Naphthalene	13.780	128	894152	59.705	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	210202	51.696	ug/l	93

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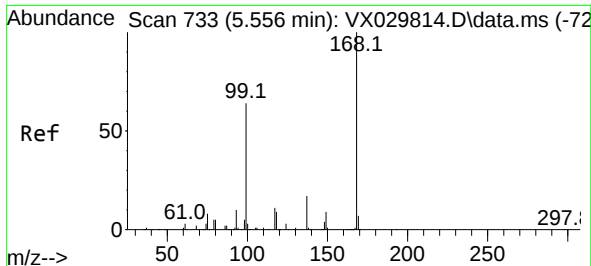
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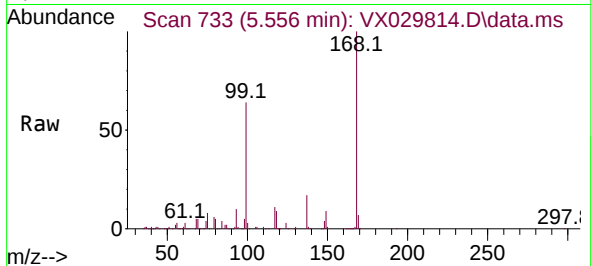
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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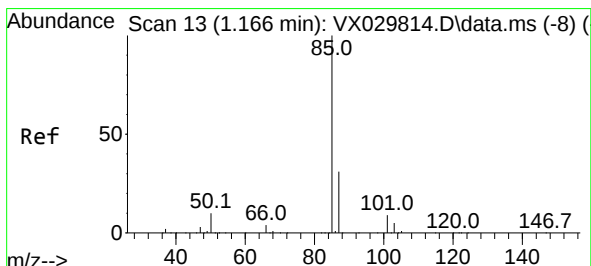
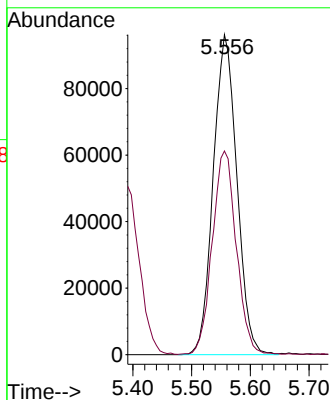
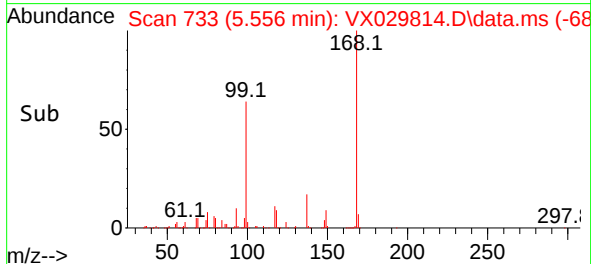
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 268659
Ion Ratio Lower Upper
168 100
99 63.5 41.7 62.5

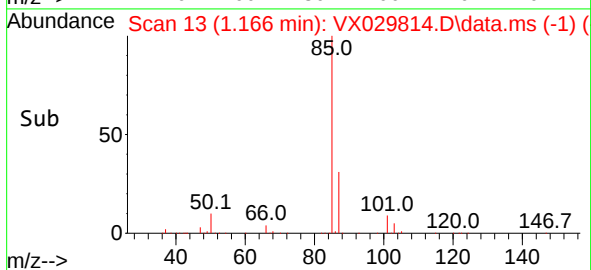
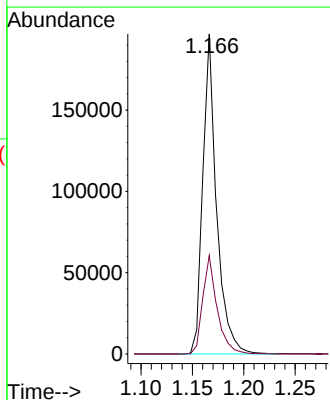
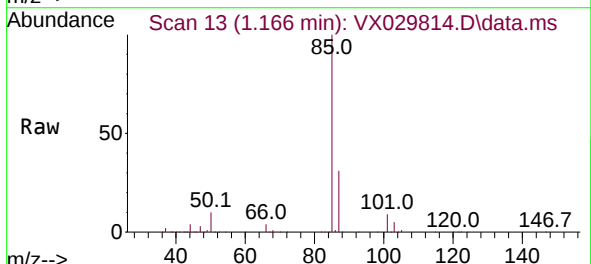
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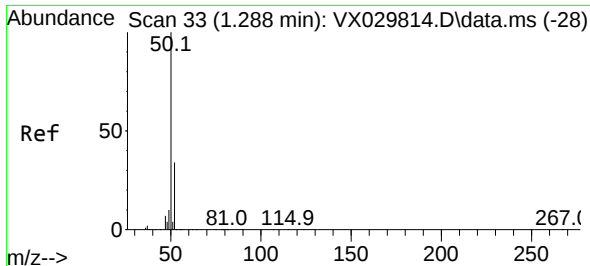
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 55.890 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

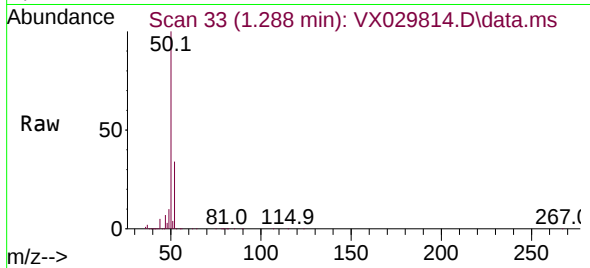
Tgt Ion: 85 Resp: 183636
Ion Ratio Lower Upper
85 100
87 30.8 16.2 48.6





#3
Chloromethane
Concen: 53.255 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

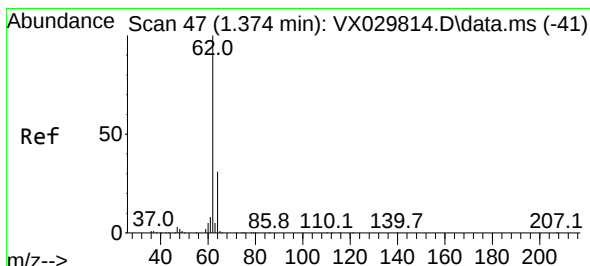
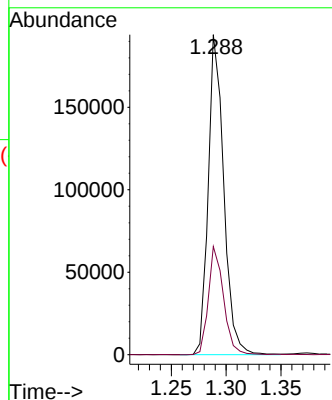
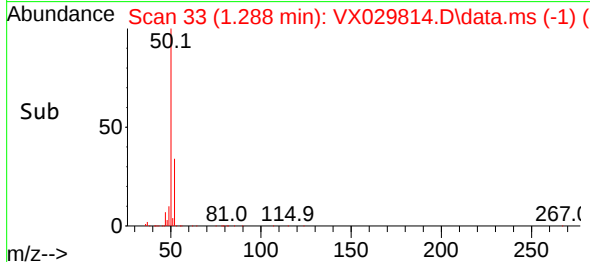
Instrument :
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Tgt Ion: 50 Resp: 19036
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

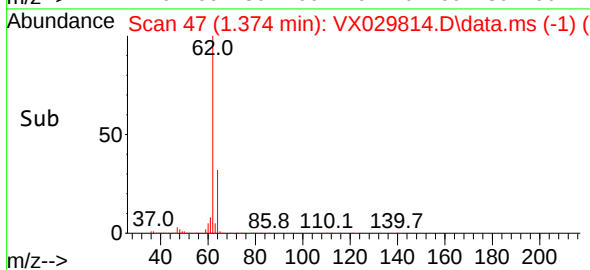
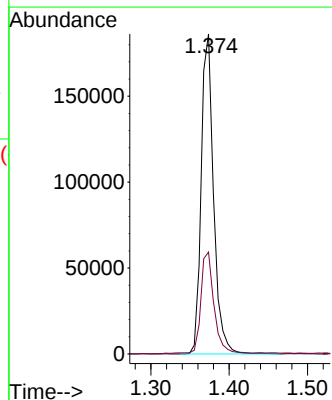
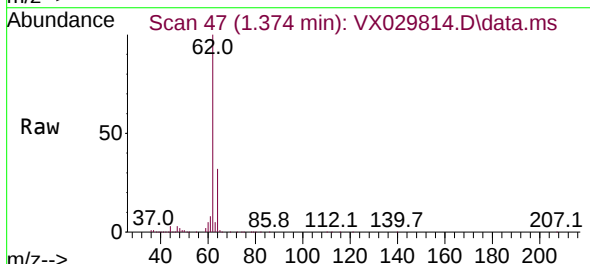
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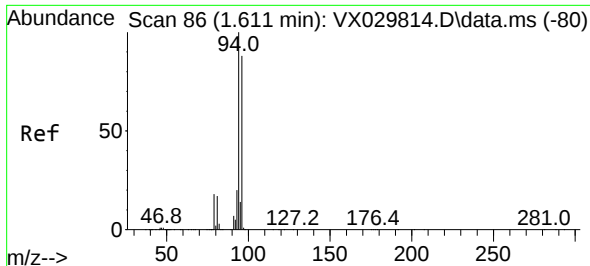
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#4
Vinyl Chloride
Concen: 60.896 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029814.D
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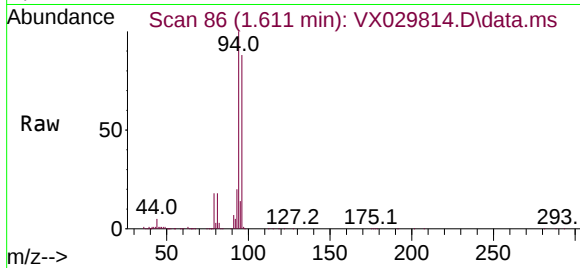
Tgt Ion: 62 Resp: 204524
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3





#5
Bromomethane
Concen: 26.664 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029814.D
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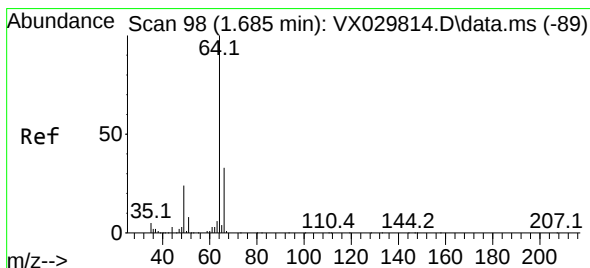
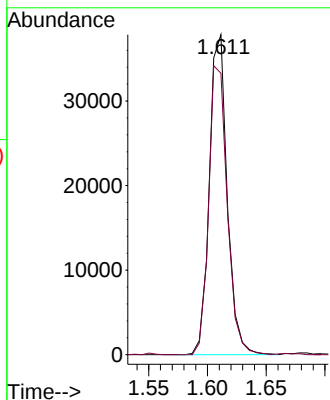
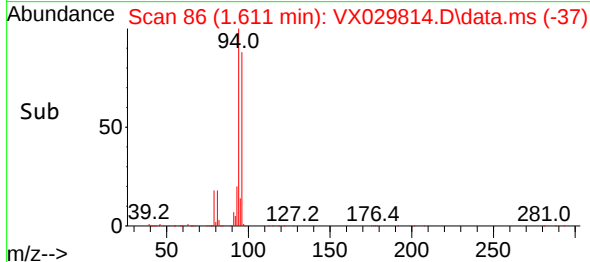
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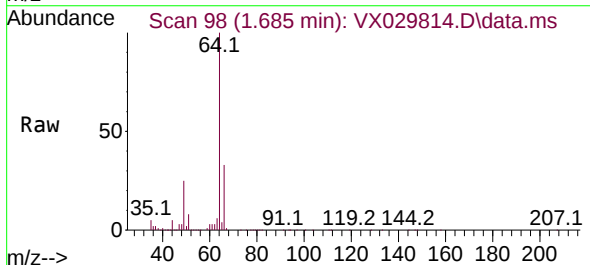
Tgt Ion: 94 Resp: 4010
Ion Ratio Lower Upper
94 100
96 87.9 75.3 112.9

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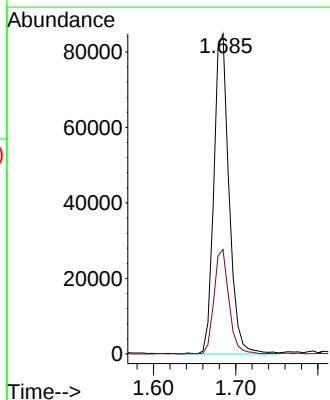
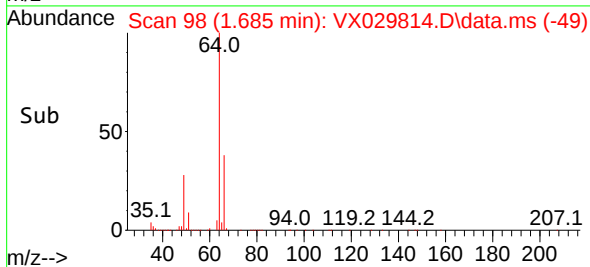
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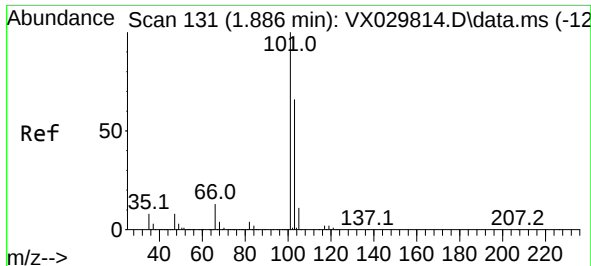


#6
Chloroethane
Concen: 57.562 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029814.D
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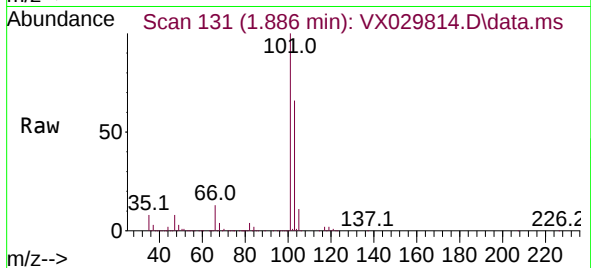
Tgt Ion: 64 Resp: 109000
Ion Ratio Lower Upper
64 100
66 32.6 25.3 37.9





#7
Trichlorofluoromethane
Concen: 50.614 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
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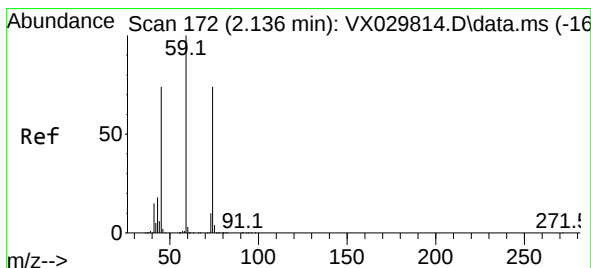
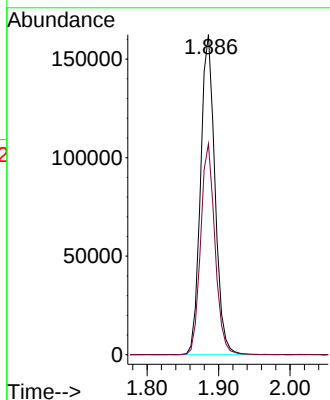
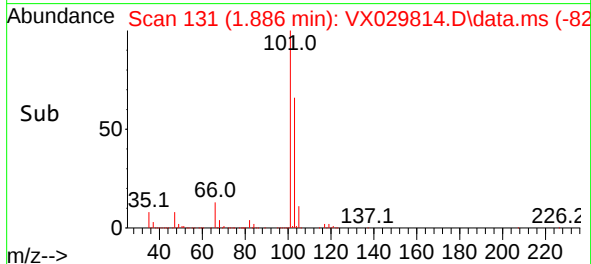
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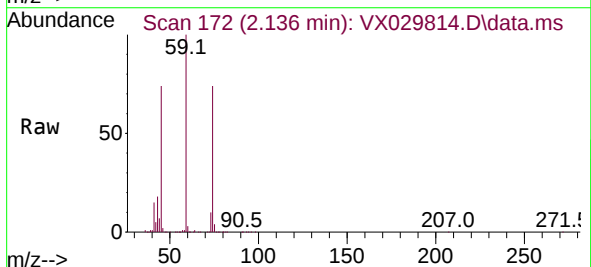
Tgt Ion:101 Resp: 226920
Ion Ratio Lower Upper
101 100
103 65.9 50.5 75.7

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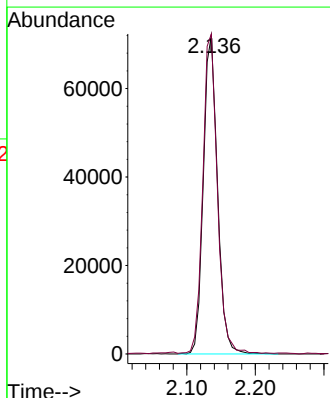
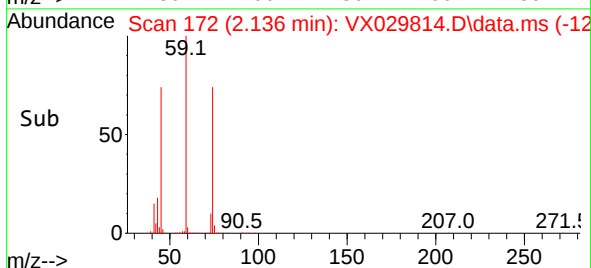
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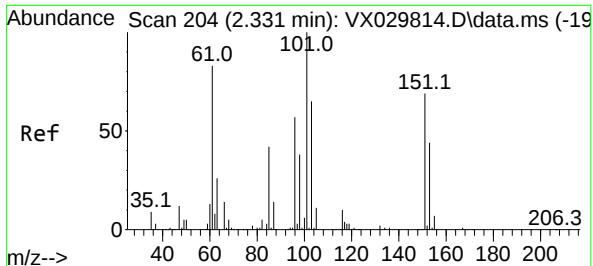


#8
Diethyl Ether
Concen: 57.036 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 103494
Ion Ratio Lower Upper
74 100
45 102.8 42.0 126.0





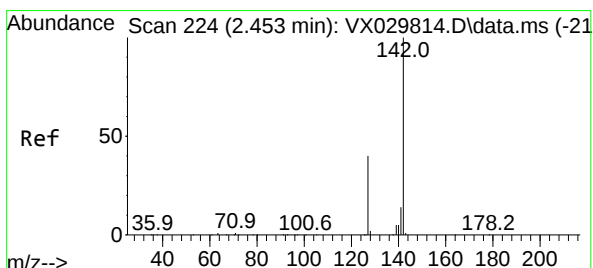
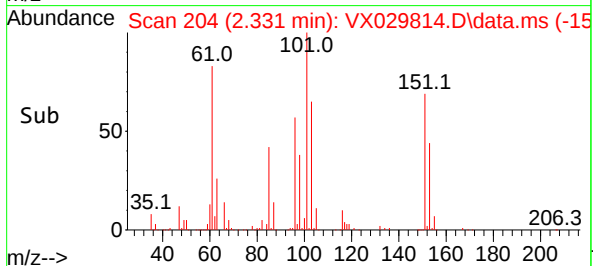
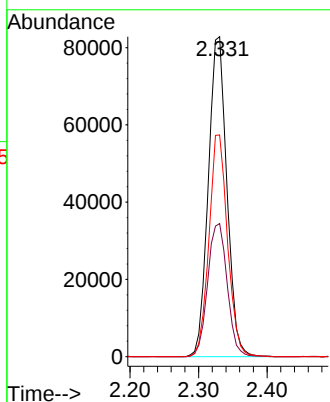
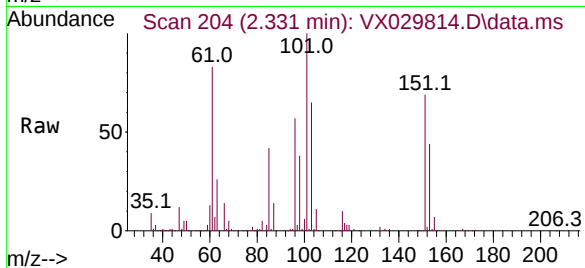
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.435 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 15610
Ion Ratio Lower Upper
101 100
85 43.8 33.5 50.3
151 69.3 61.8 92.6

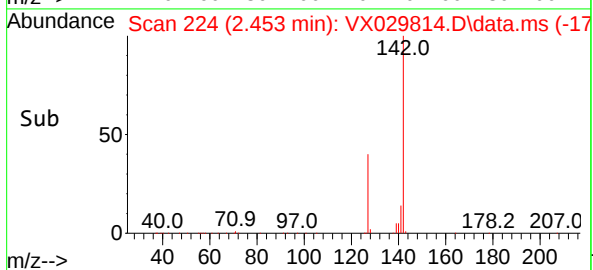
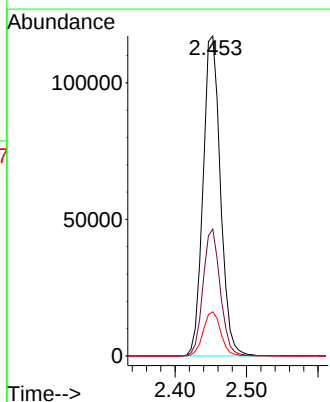
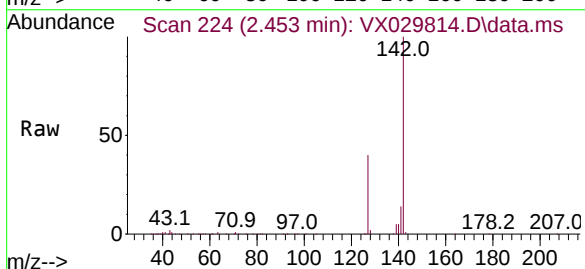
Manual Integrations
APPROVED

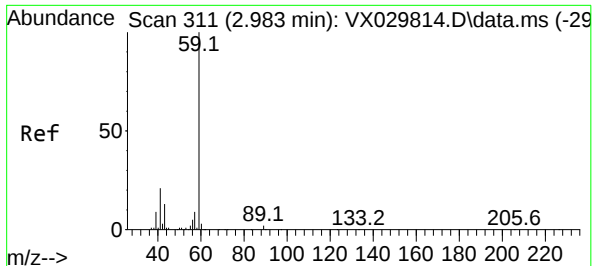
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Methyl Iodide
Concen: 67.622 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

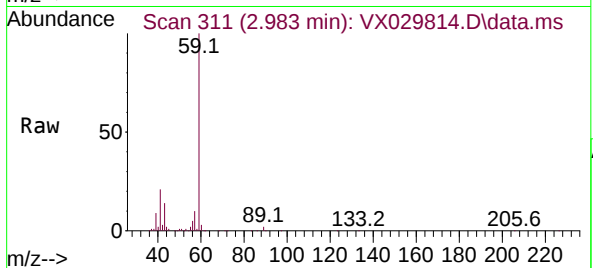
Tgt Ion:142 Resp: 197789
Ion Ratio Lower Upper
142 100
127 39.5 33.9 50.9
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 273.278 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

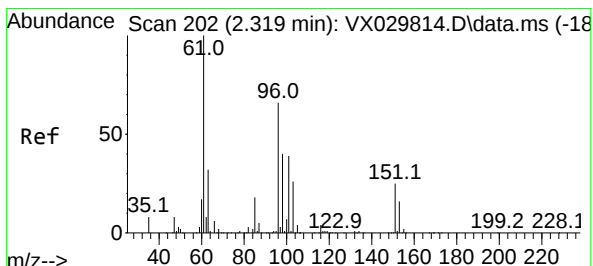
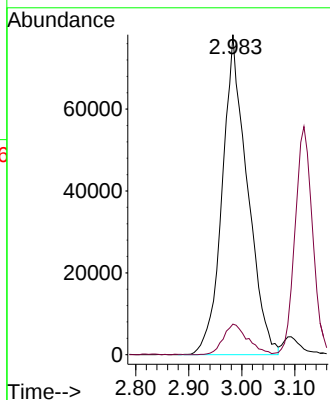
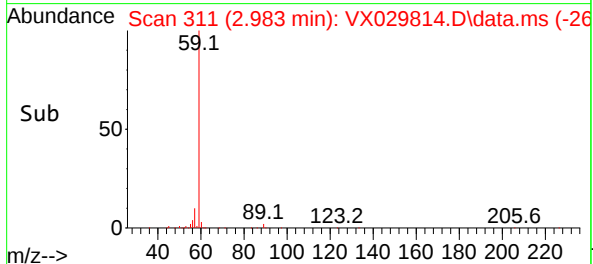
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



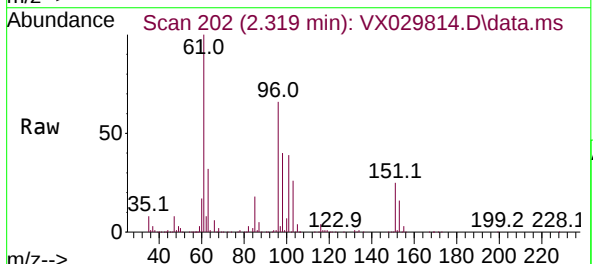
Tgt Ion: 59 Resp: 257478
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

Manual Integrations
APPROVED

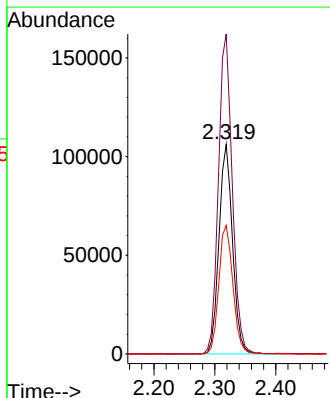
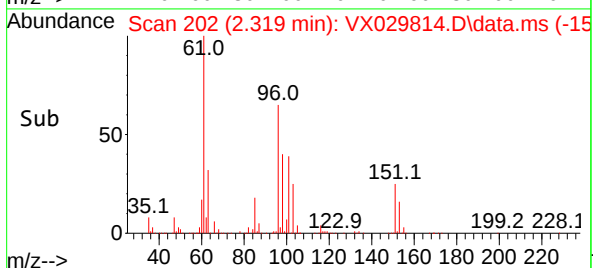
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

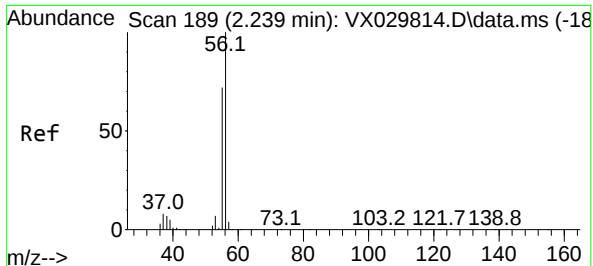


#12
1,1-Dichloroethene
Concen: 58.405 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



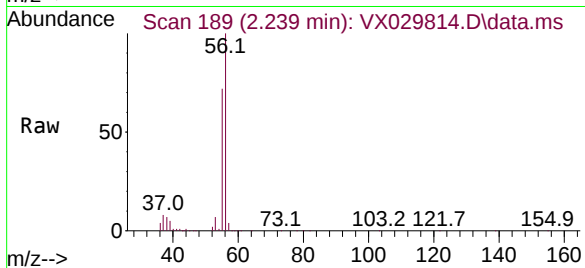
Tgt Ion: 96 Resp: 164024
Ion Ratio Lower Upper
96 100
61 152.6 124.6 187.0
98 61.3 51.0 76.4





#13
Acrolein
Concen: 577.034 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

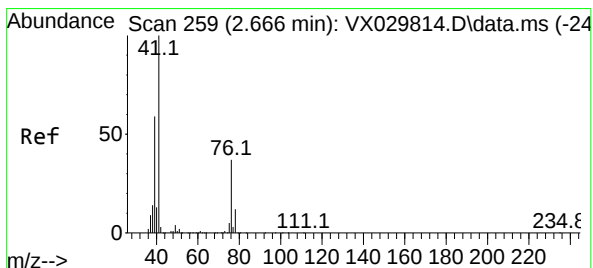
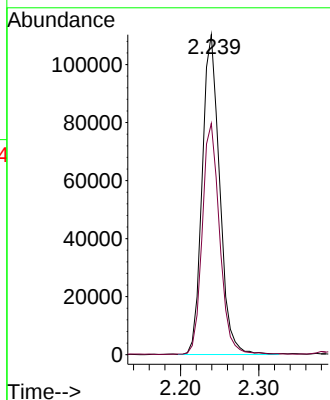
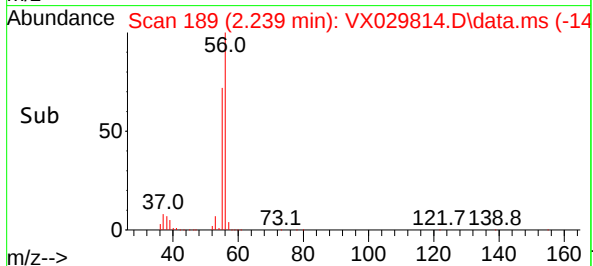
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



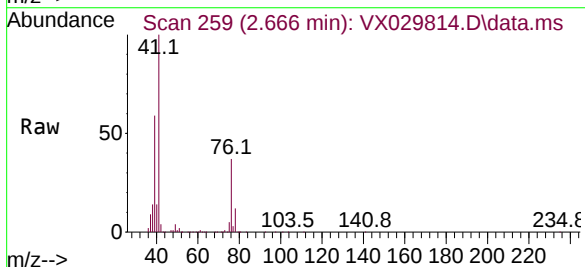
Tgt Ion: 56 Resp: 170419
Ion Ratio Lower Upper
56 100
55 71.6 55.0 82.6

Manual Integrations
APPROVED

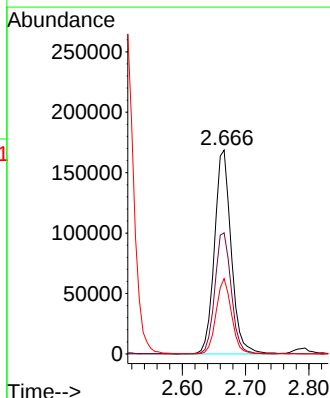
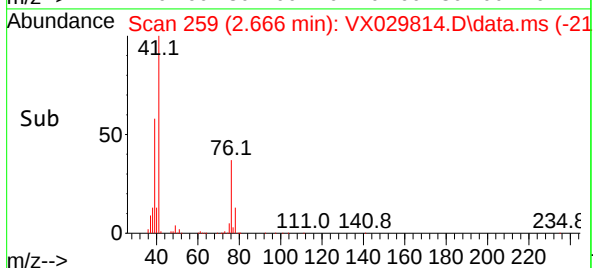
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

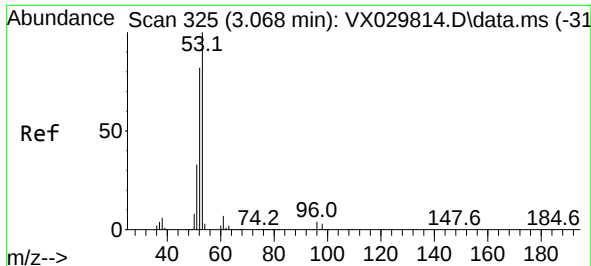


#14
Allyl chloride
Concen: 66.068 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



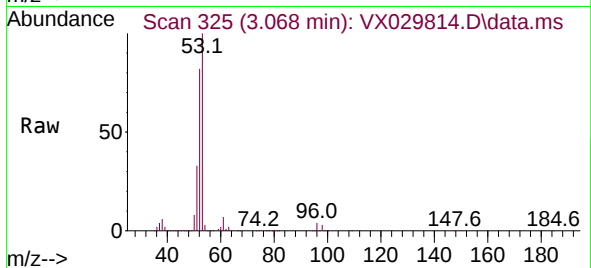
Tgt Ion: 41 Resp: 308801
Ion Ratio Lower Upper
41 100
39 58.3 50.4 75.6
76 33.7 32.7 49.1





#15
Acrylonitrile
Concen: 343.547 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

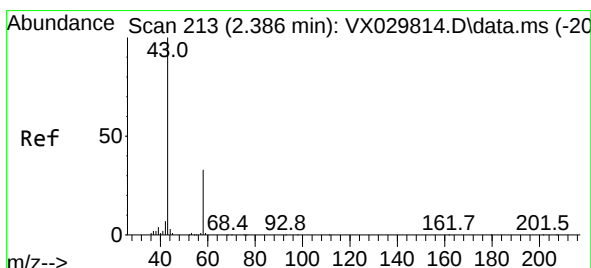
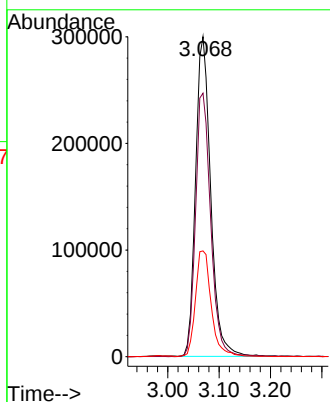
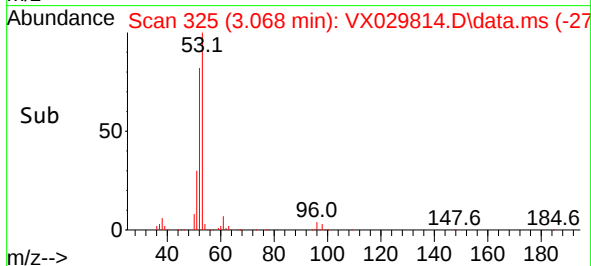
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



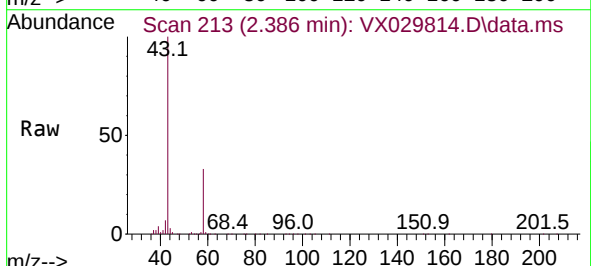
Tgt Ion: 53 Resp: 61446
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 34.3 28.4 42.6

Manual Integrations
APPROVED

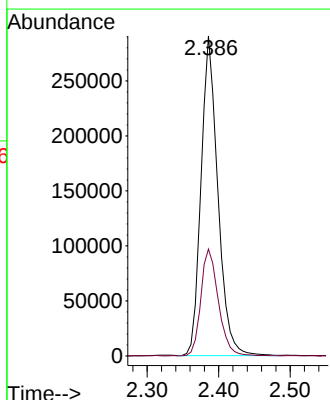
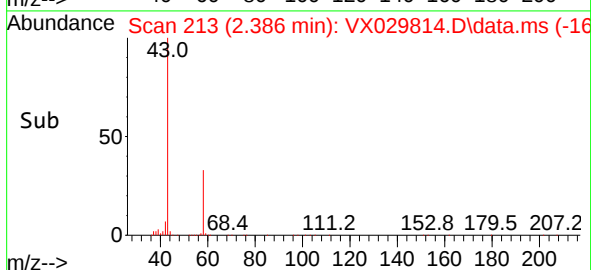
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

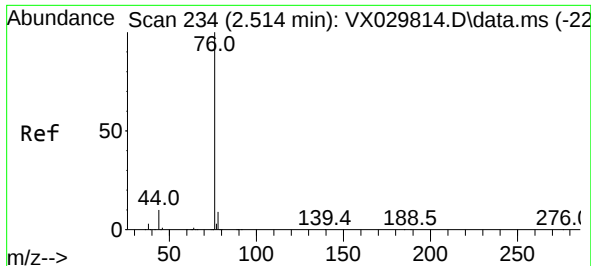


#16
Acetone
Concen: 313.870 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion: 43 Resp: 473919
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2





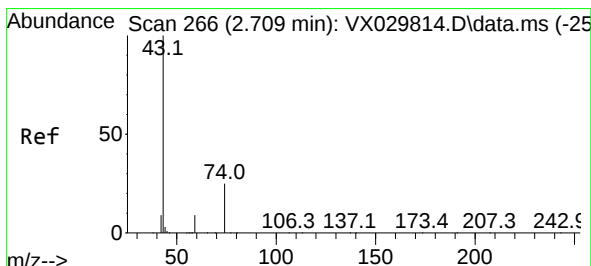
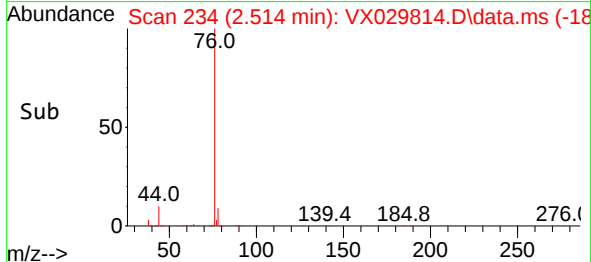
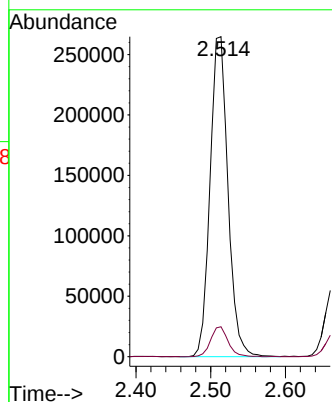
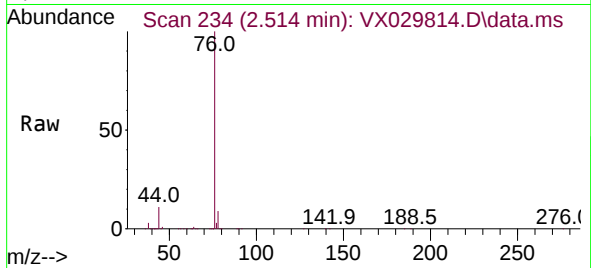
#17
Carbon Disulfide
Concen: 60.196 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 441300
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

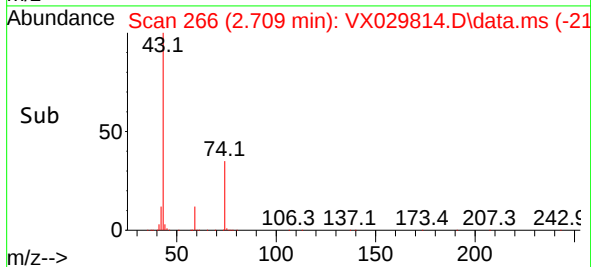
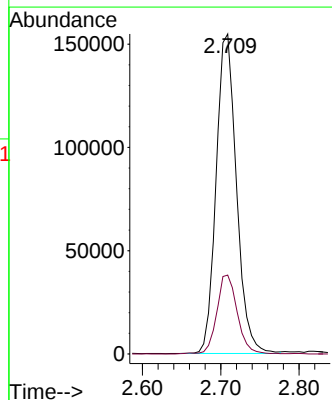
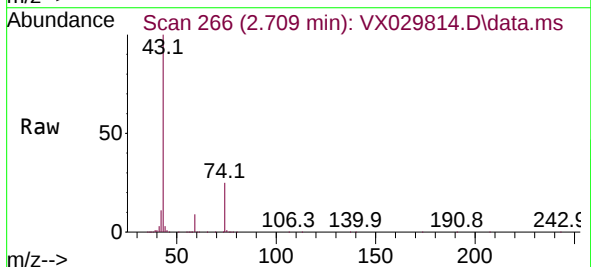
Manual Integrations
APPROVED

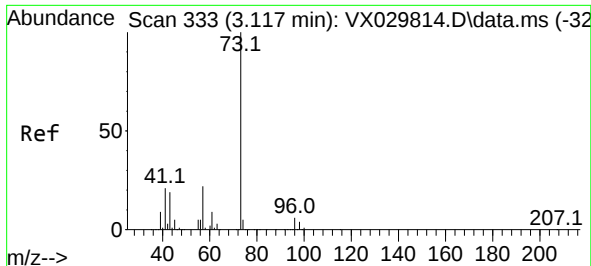
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 68.882 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

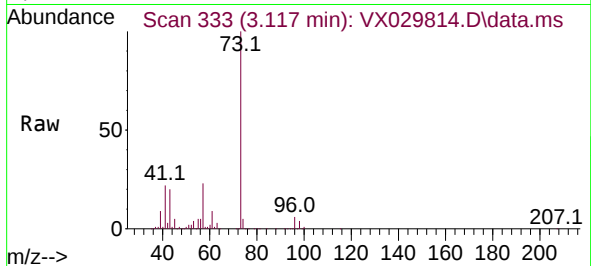
Tgt Ion: 43 Resp: 279492
Ion Ratio Lower Upper
43 100
74 25.0 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 57.960 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

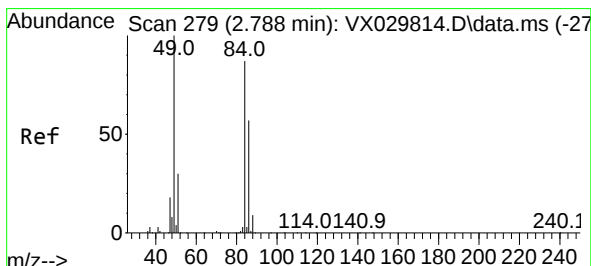
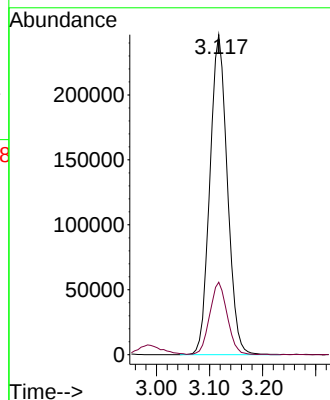
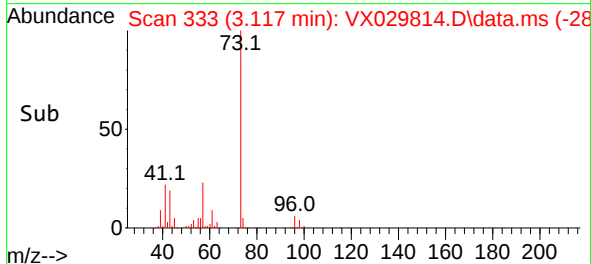
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



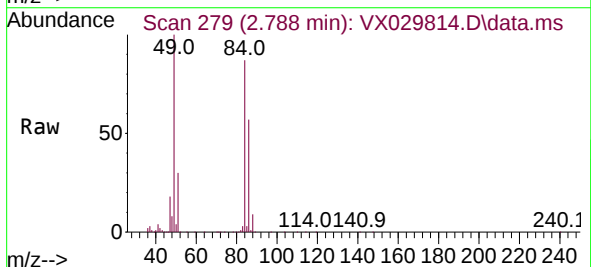
Tgt Ion: 73 Resp: 563640
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

Manual Integrations
APPROVED

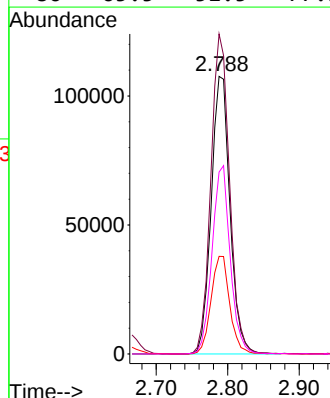
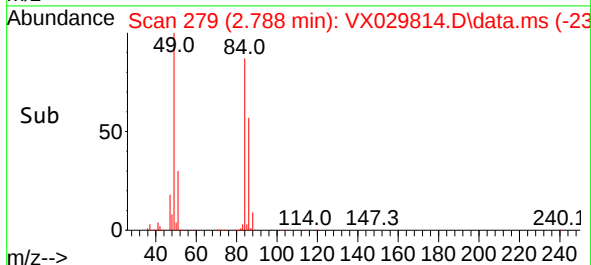
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

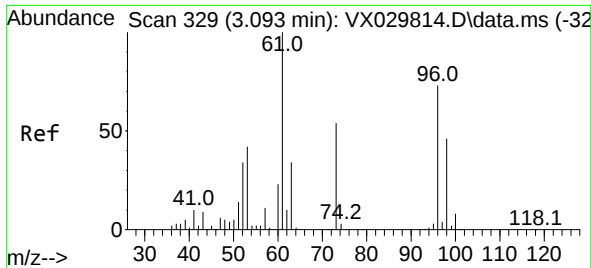


#20
Methylene Chloride
Concen: 59.628 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



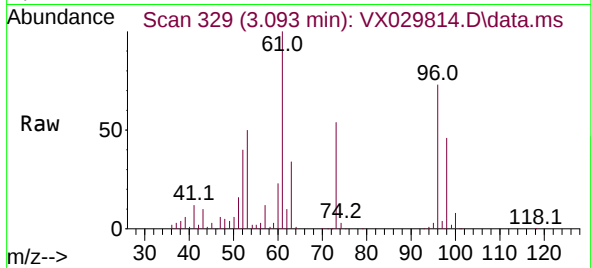
Tgt Ion: 84 Resp: 196528
Ion Ratio Lower Upper
84 100
49 115.3 85.5 128.3
51 35.1 26.6 39.8
86 65.5 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 58.191 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

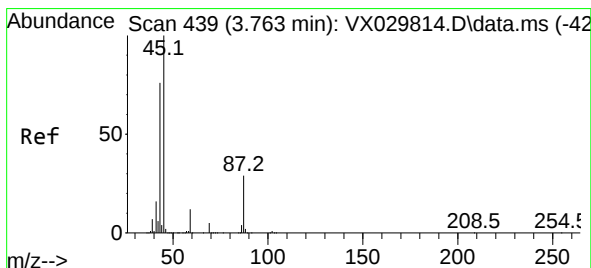
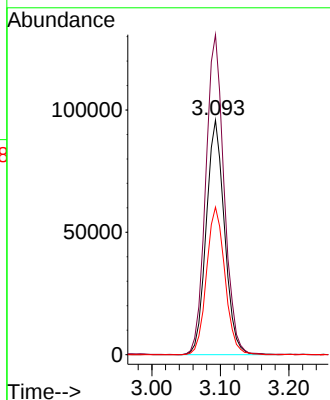
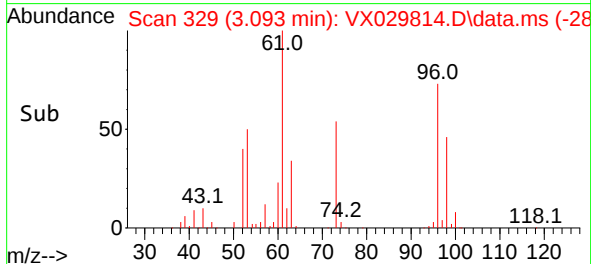
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



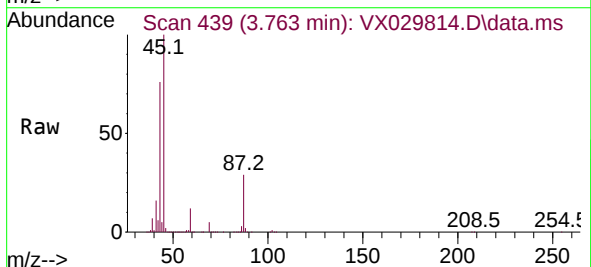
Tgt Ion: 96 Resp: 17808
Ion Ratio Lower Upper
96 100
61 136.4 105.4 158.2
98 62.9 50.0 75.0

Manual Integrations
APPROVED

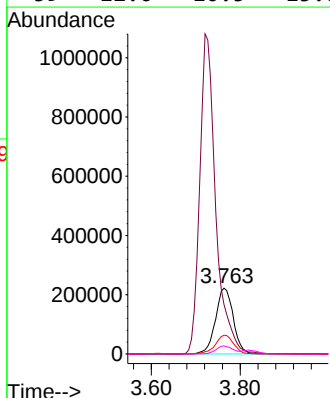
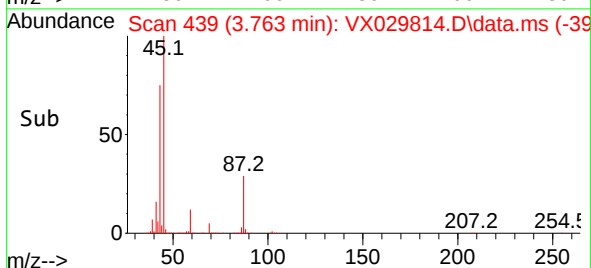
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

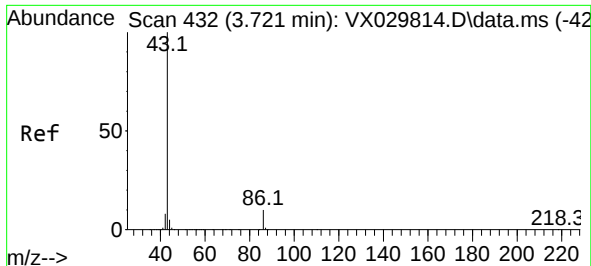


#22
Diisopropyl ether
Concen: 66.267 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



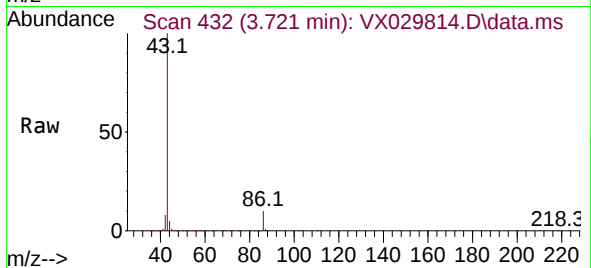
Tgt Ion: 45 Resp: 613907
Ion Ratio Lower Upper
45 100
43 75.5 50.8 76.2
87 28.5 26.6 39.8
59 12.0 10.5 15.7





#23
 Vinyl Acetate
 Concen: 347.824 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029814.D
 Acq: 27 Jun 2022 12:58

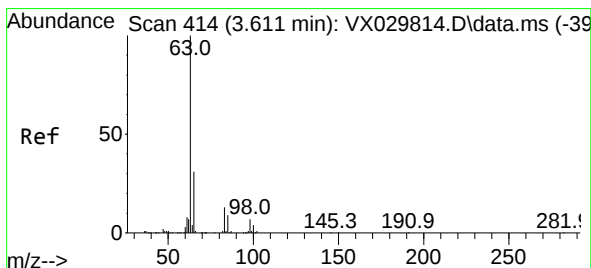
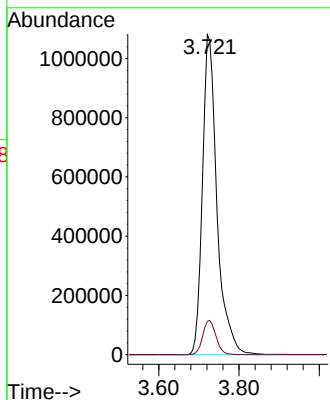
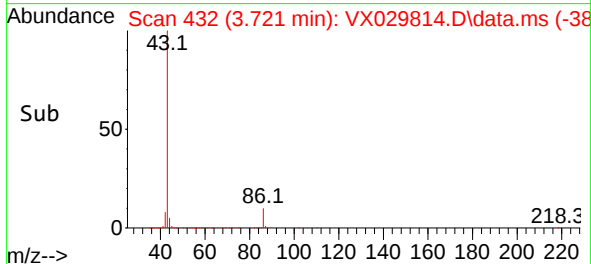
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



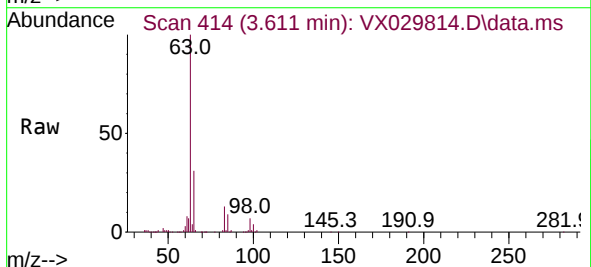
Tgt Ion: 43 Resp: 270809
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.8 16.2

Manual Integrations
 APPROVED

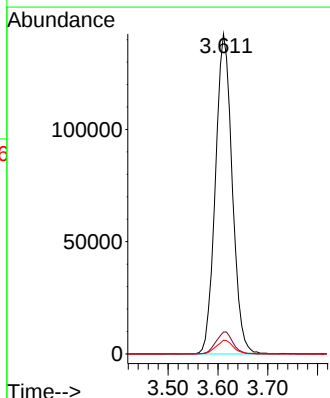
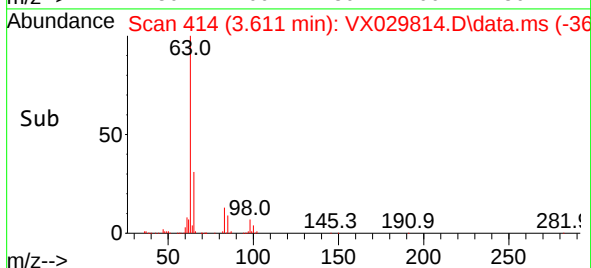
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

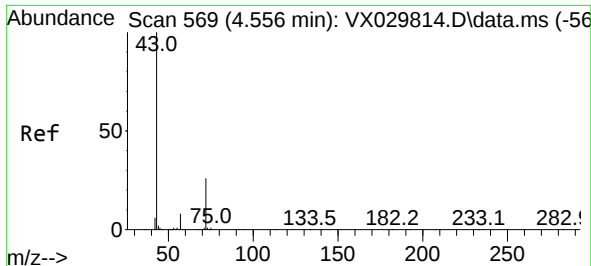


#24
 1,1-Dichloroethane
 Concen: 61.112 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029814.D
 Acq: 27 Jun 2022 12:58



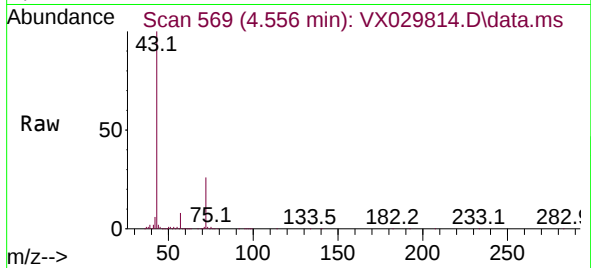
Tgt Ion: 63 Resp: 333645
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.3 2.4 7.2





#25
2-Butanone
Concen: 346.484 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

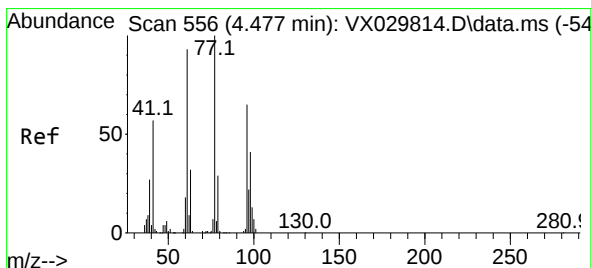
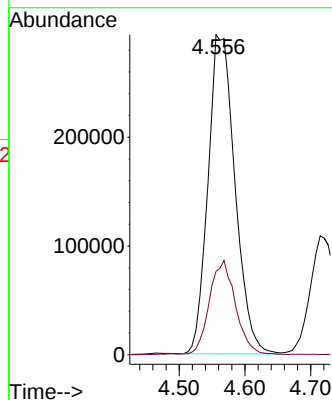
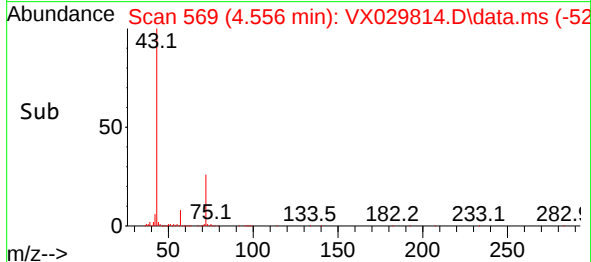
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



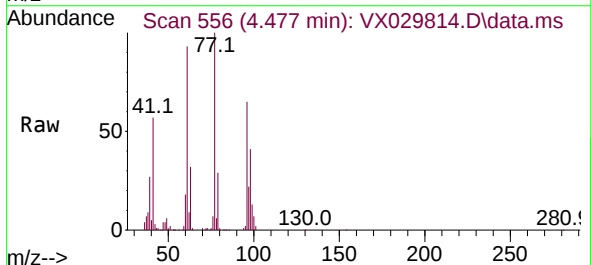
Tgt Ion: 43 Resp: 839054
Ion Ratio Lower Upper
43 100
72 26.0 24.4 36.6

Manual Integrations
APPROVED

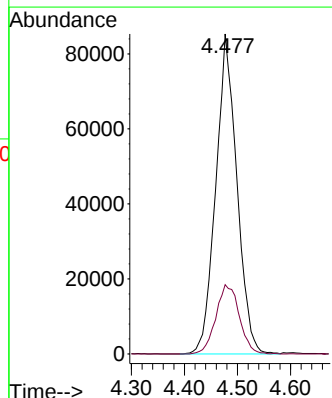
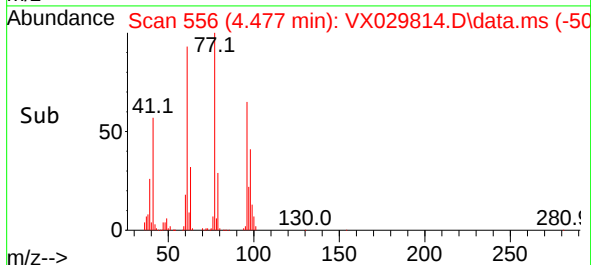
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

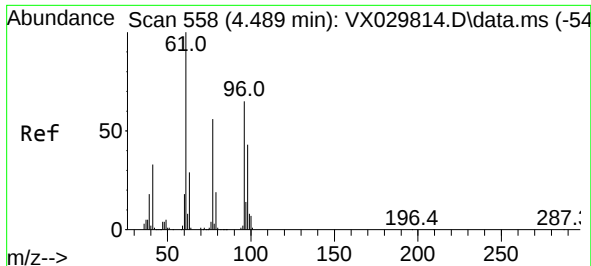


#26
2,2-Dichloropropane
Concen: 56.805 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion: 77 Resp: 235523
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 58.698 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 210649

Ion Ratio Lower Upper

96 100

61 140.4 0.0 283.8

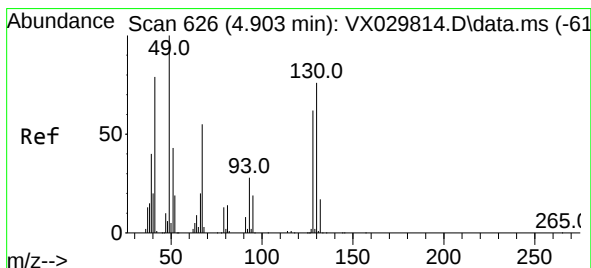
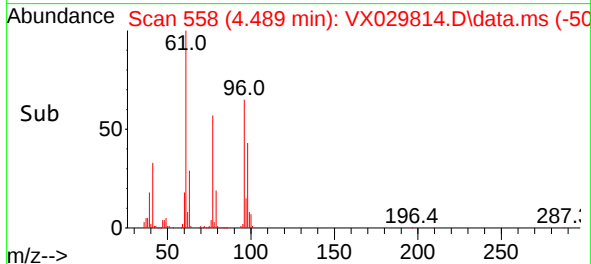
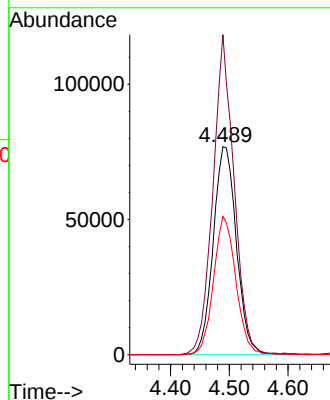
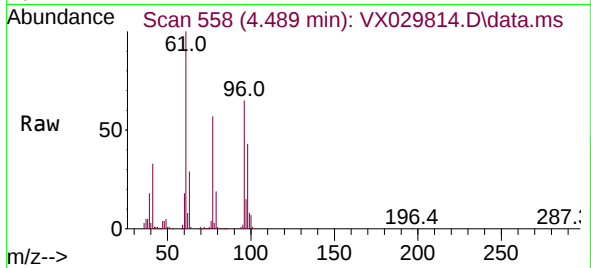
98 64.1 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

Bromochloromethane

Concen: 58.235 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

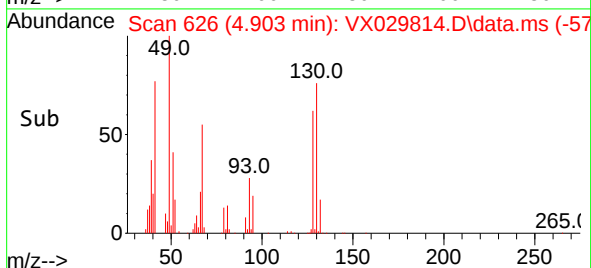
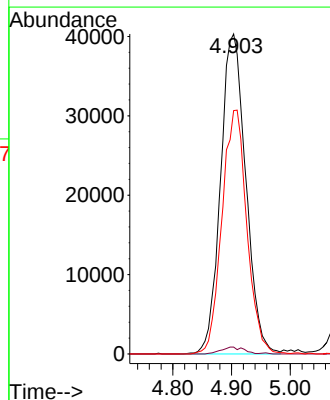
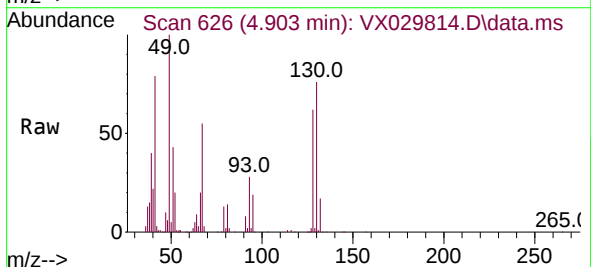
Tgt Ion: 49 Resp: 120424

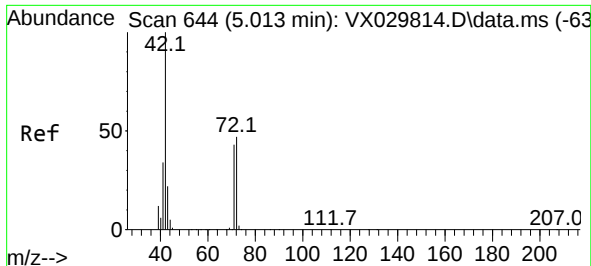
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 75.0 70.7 106.1





#29

Tetrahydrofuran

Concen: 352.422 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 570352

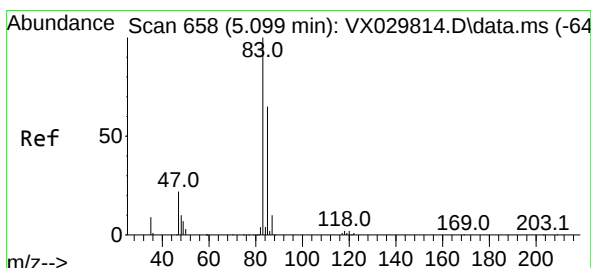
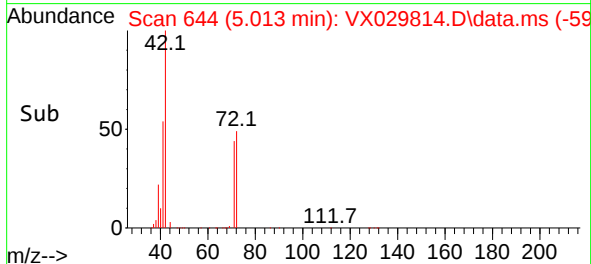
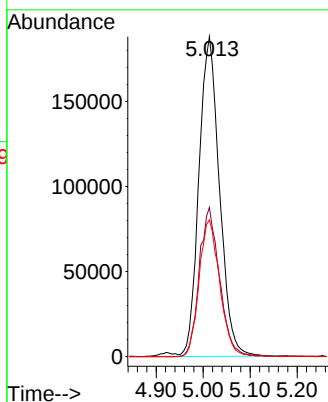
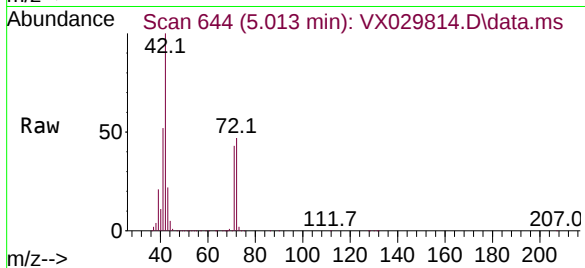
Ion	Ratio	Lower	Upper
42	100		
72	46.2	44.1	66.1
71	43.1	40.5	60.7

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 56.811 ug/l

RT: 5.099 min Scan# 658

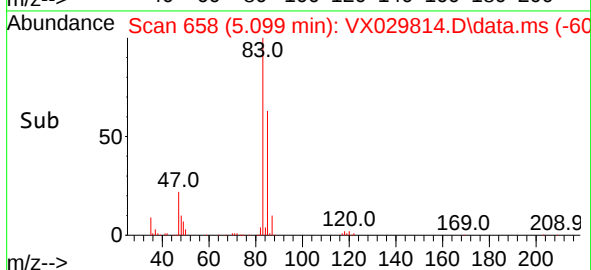
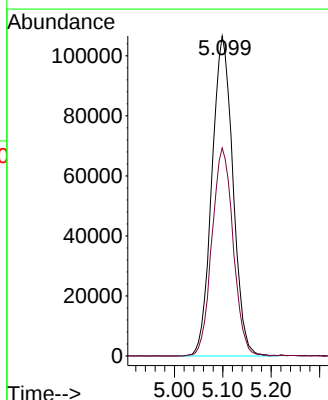
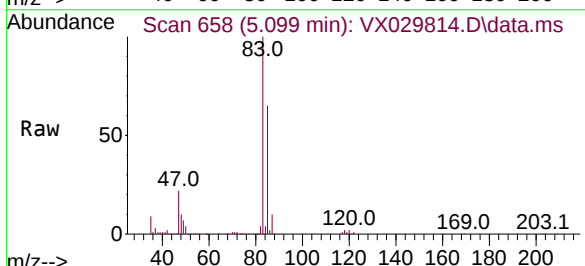
Delta R.T. 0.000 min

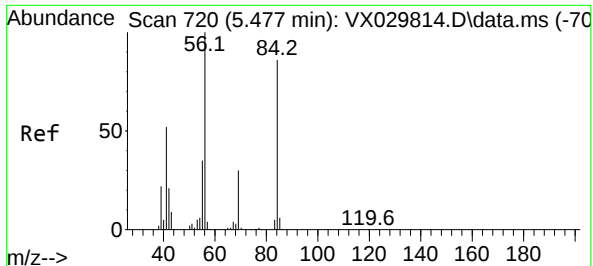
Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Tgt Ion: 83 Resp: 321838

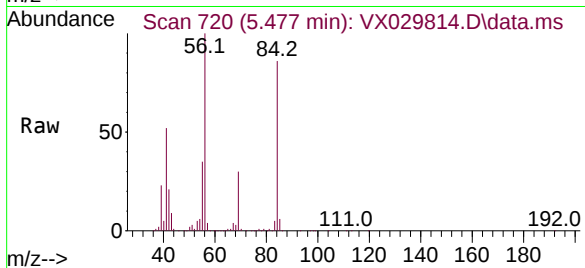
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.7	79.1





#31
Cyclohexane
Concen: 63.586 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

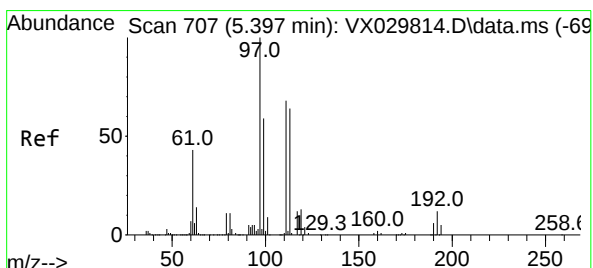
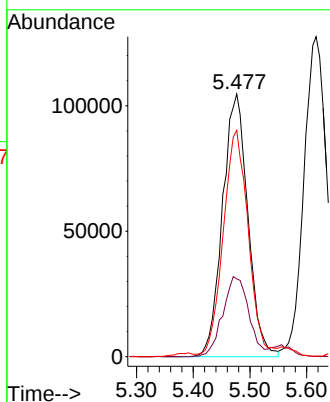
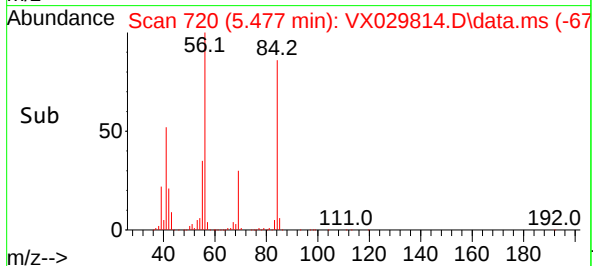
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



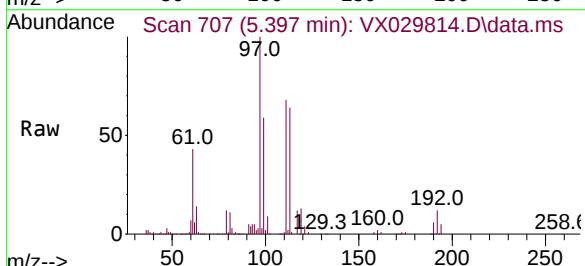
Tgt Ion: 56 Resp: 324428
Ion Ratio Lower Upper
56 100
69 29.6 26.7 40.1
84 85.0 77.2 115.8

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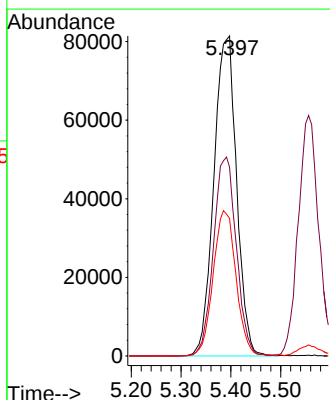
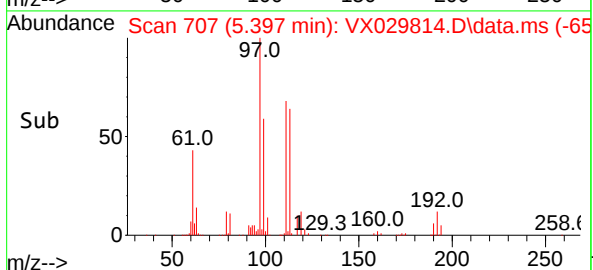
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

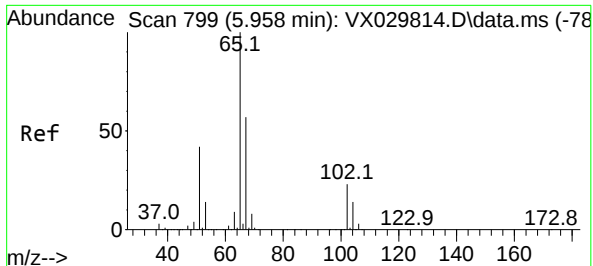


#32
1,1,1-Trichloroethane
Concen: 52.573 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion: 97 Resp: 257857
Ion Ratio Lower Upper
97 100
99 62.5 51.8 77.6
61 45.7 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 55.480 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 202774

Ion Ratio Lower Upper

65 100

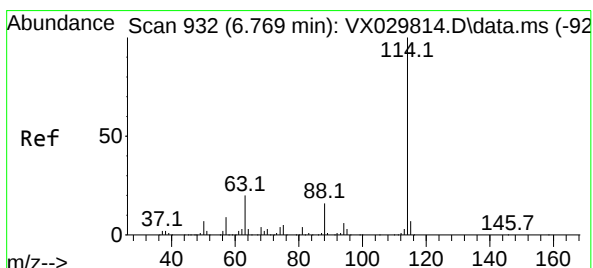
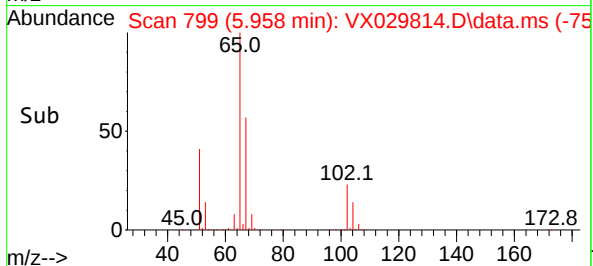
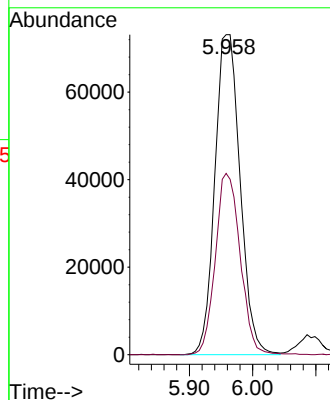
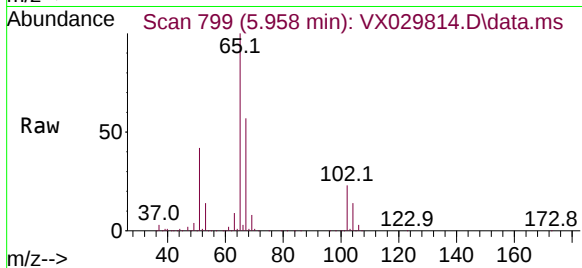
67 55.7 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

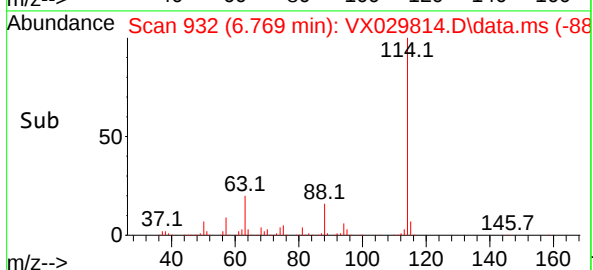
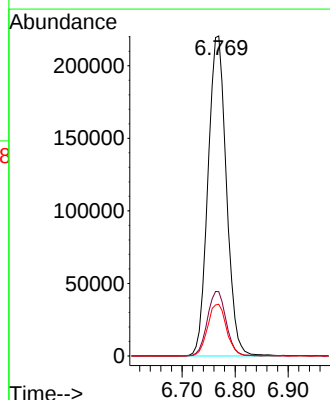
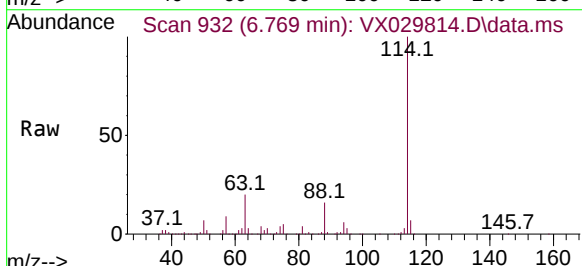
Tgt Ion:114 Resp: 531682

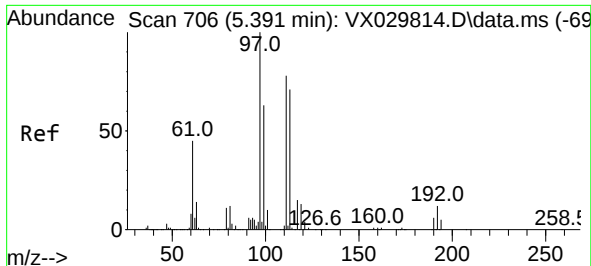
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

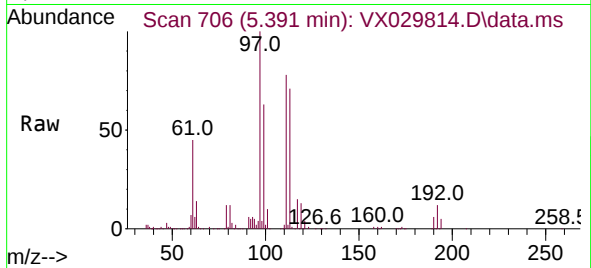
88 16.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 49.261 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

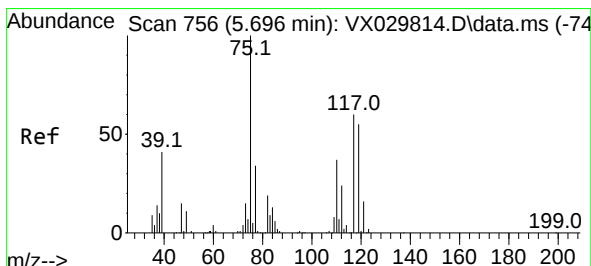
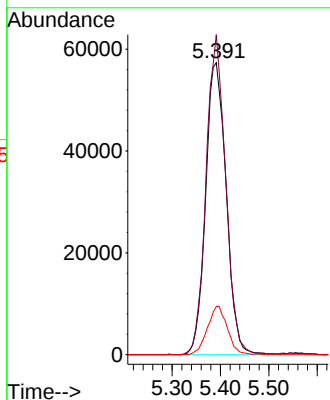
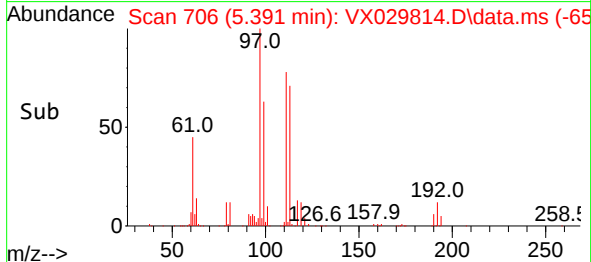
Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC050



Tgt Ion: 113 Resp: 16906
Ion Ratio Lower Upper
113 100
111 104.5 82.8 124.2
192 16.2 16.9 25.3

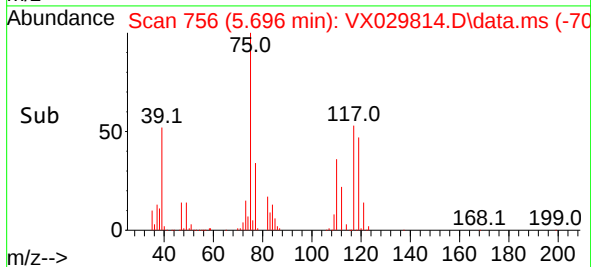
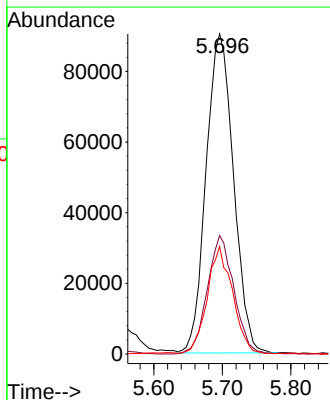
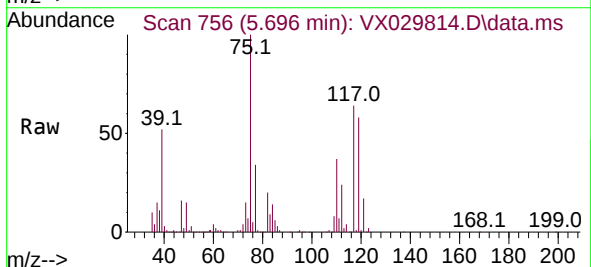
Manual Integrations
APPROVED

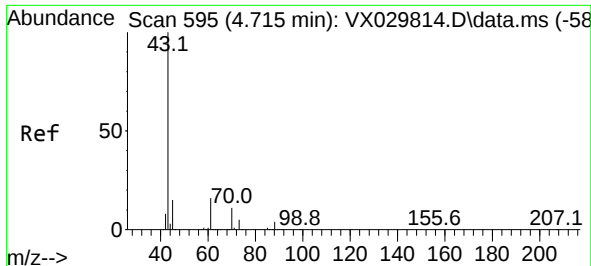
Reviewed By : John Carlone 06/28/2022
Supervised By : Mahesh Dadoda 06/28/2022



#36
1,1-Dichloropropene
Concen: 53.177 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

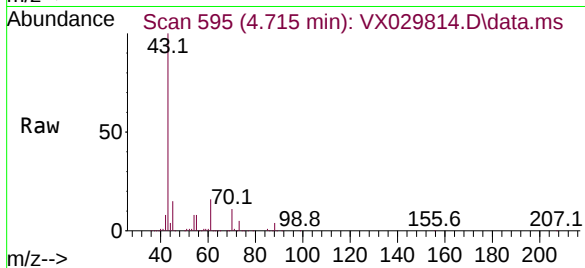
Tgt Ion: 75 Resp: 251339
Ion Ratio Lower Upper
75 100
110 35.9 18.3 54.8
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 63.251 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

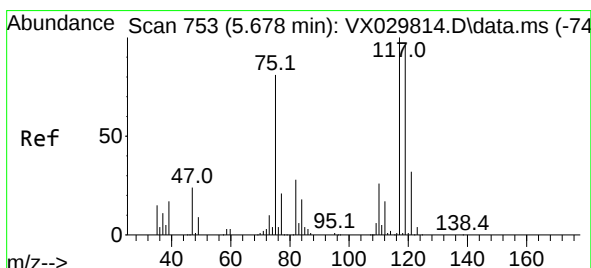
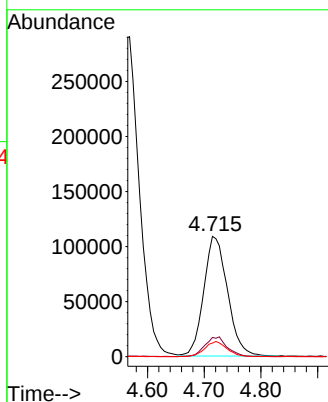
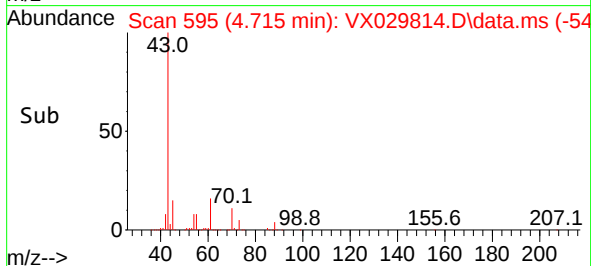
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 31714
Ion Ratio Lower Upper
43 100
61 15.3 12.6 19.0
70 11.9 10.2 15.2

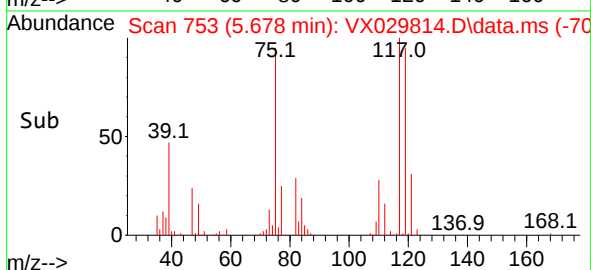
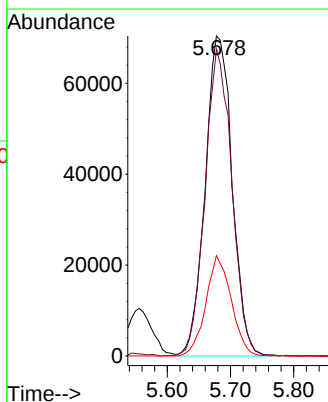
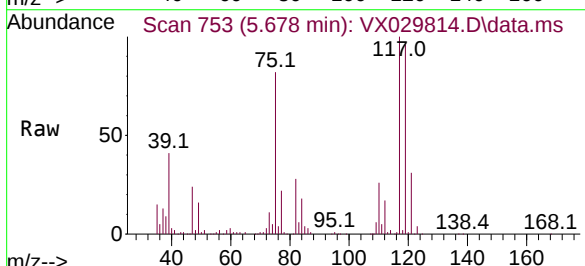
Manual Integrations
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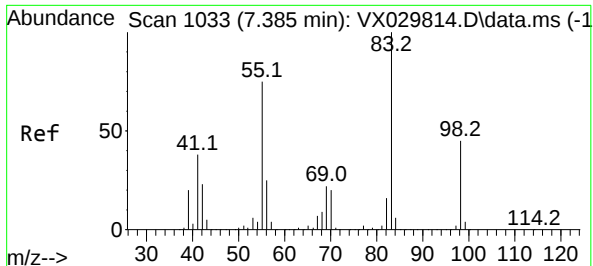
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Carbon Tetrachloride
Concen: 46.442 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion:117 Resp: 209033
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 54.077 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

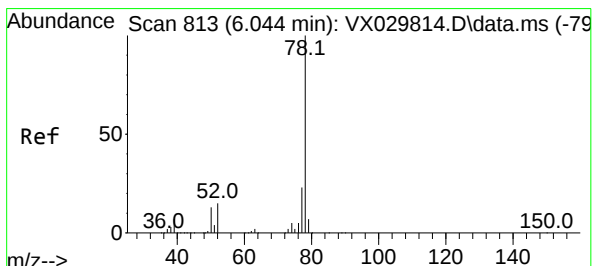
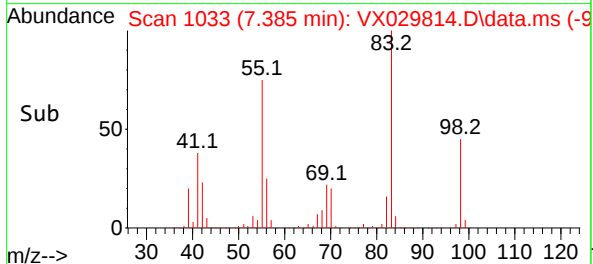
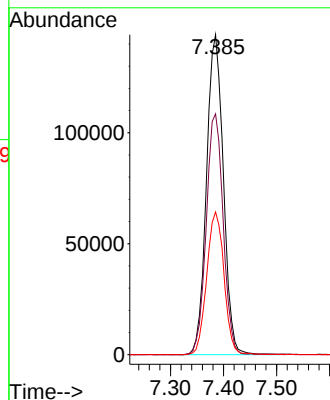
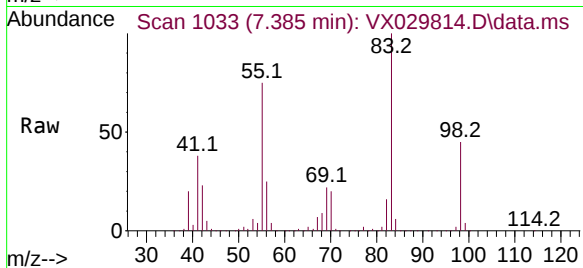
Tgt Ion: 83 Resp: 31837
 Ion Ratio Lower Upper
 83 100
 55 75.3 54.6 81.8
 98 44.6 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Benzene

Concen: 55.771 ug/l

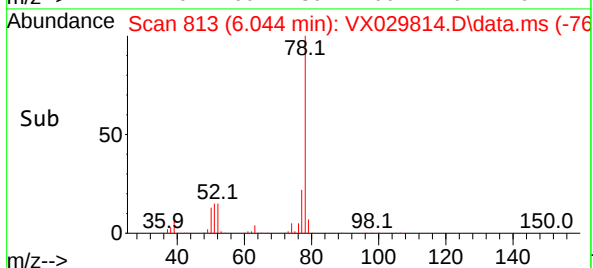
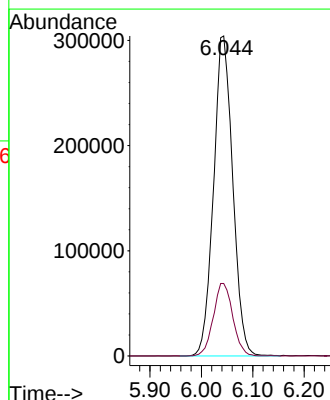
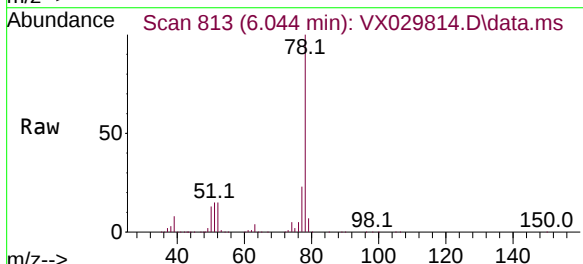
RT: 6.044 min Scan# 813

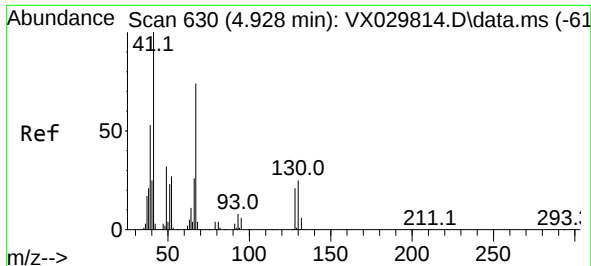
Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

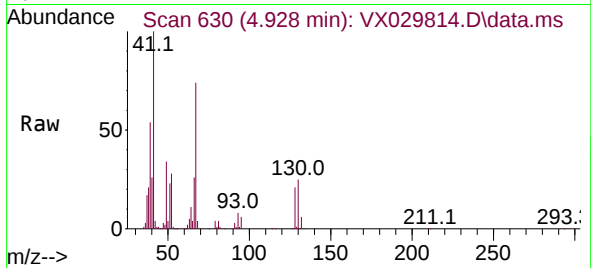
Tgt Ion: 78 Resp: 789397
 Ion Ratio Lower Upper
 78 100
 77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 65.429 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

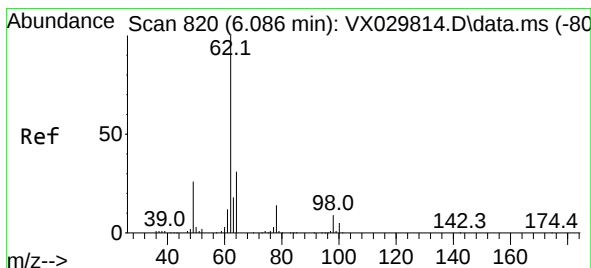
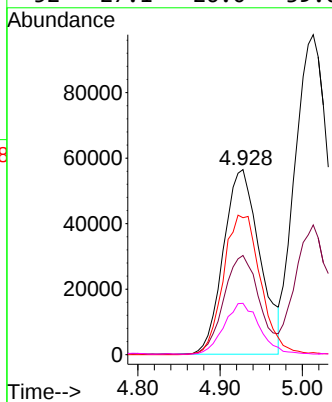
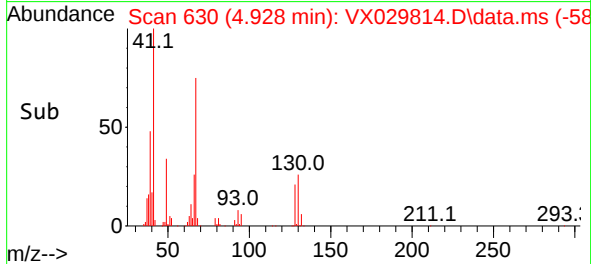
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 17376
Ion Ratio Lower Upper
41 100
39 52.5 43.0 64.4
67 77.4 70.2 105.4
52 27.1 26.0 39.0

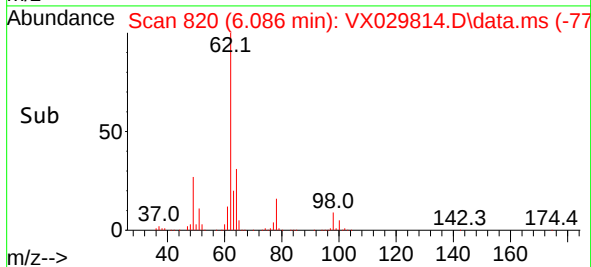
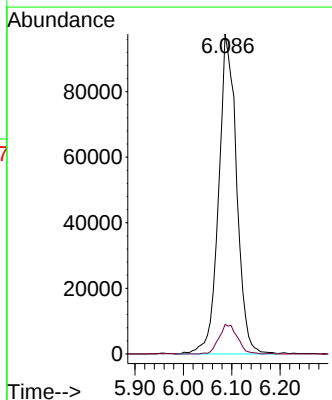
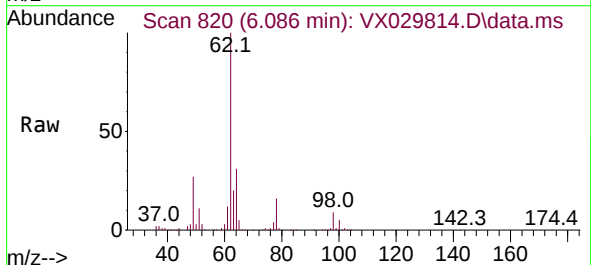
Manual Integrations
APPROVED

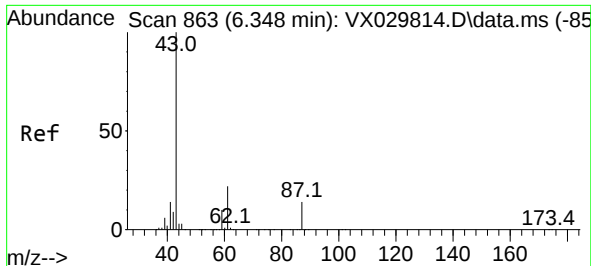
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
1,2-Dichloroethane
Concen: 52.213 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

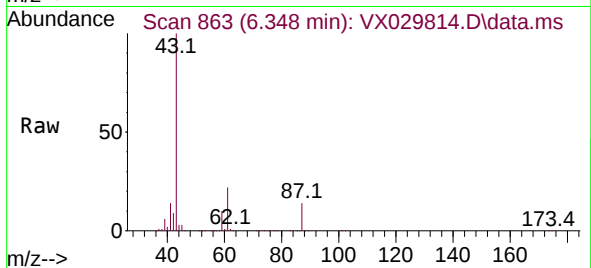
Tgt Ion: 62 Resp: 251493
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 61.895 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

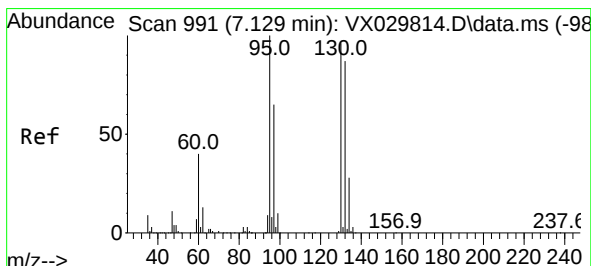
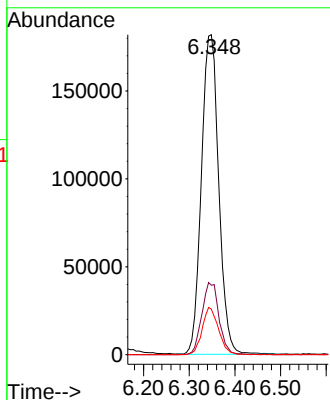
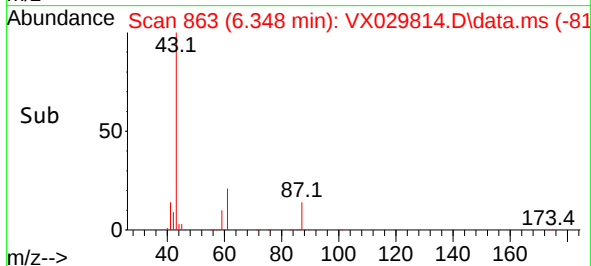
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 48018
Ion Ratio Lower Upper
43 100
61 22.2 18.5 27.7
87 13.9 13.0 19.6

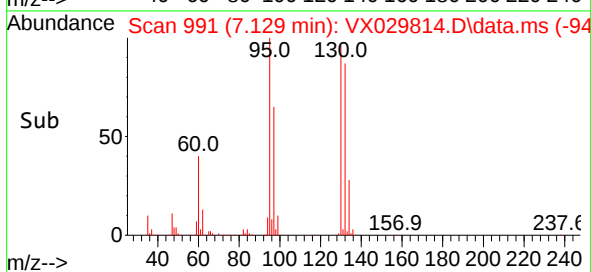
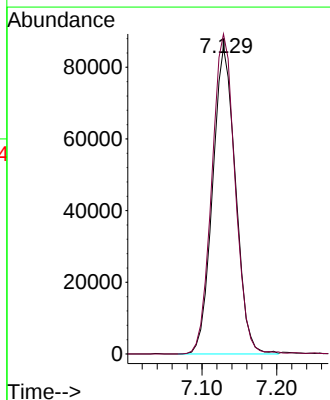
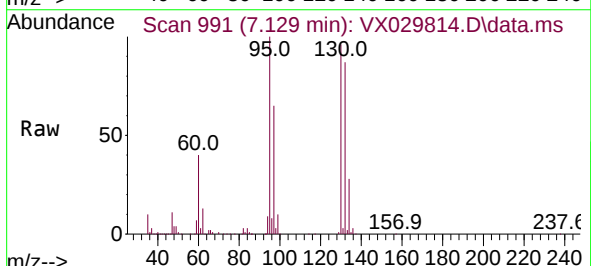
Manual Integrations
APPROVED

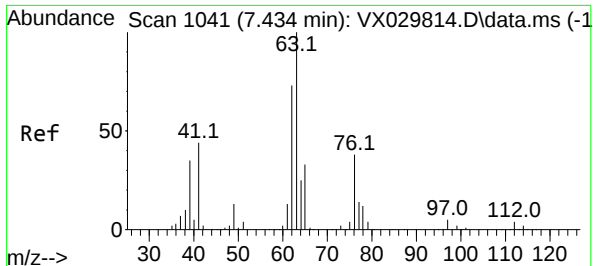
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
Trichloroethene
Concen: 38.772 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion:130 Resp: 182749
Ion Ratio Lower Upper
130 100
95 104.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 57.138 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 20003

Ion Ratio Lower Upper

63 100

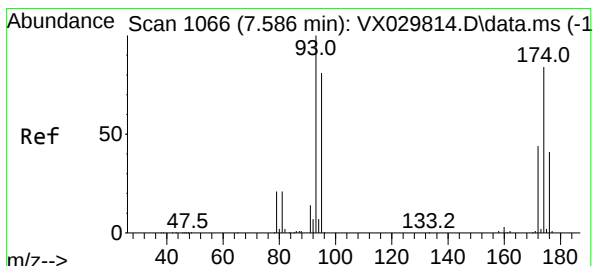
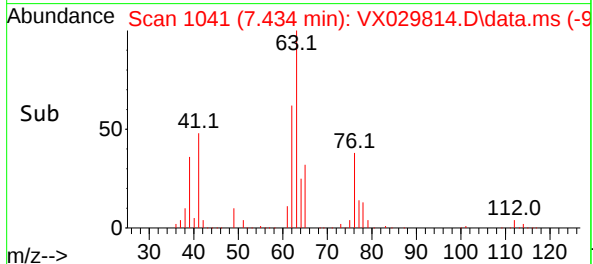
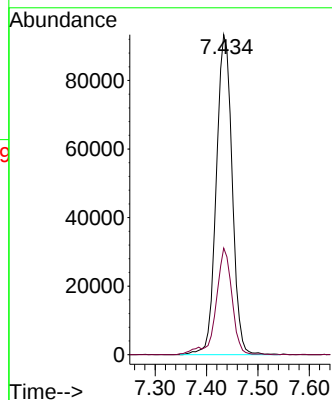
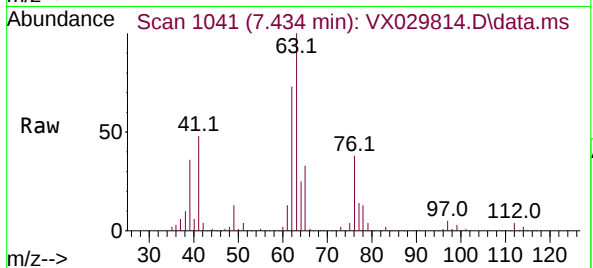
65 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Dibromomethane

Concen: 52.755 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

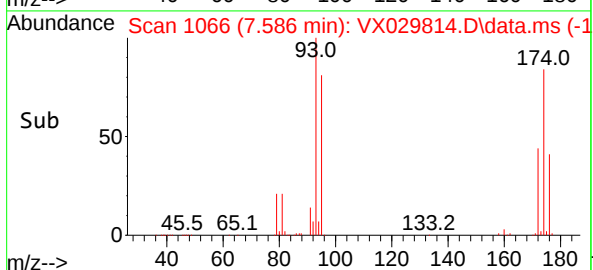
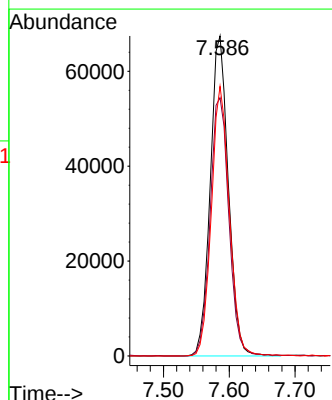
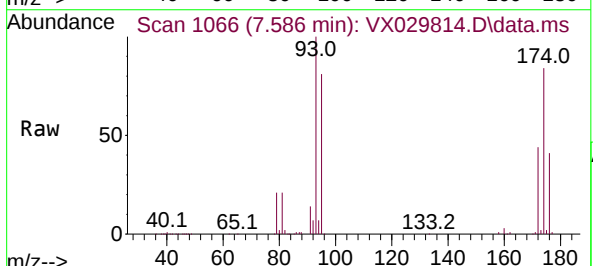
Tgt Ion: 93 Resp: 129672

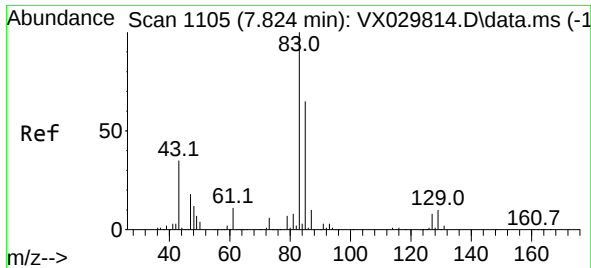
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

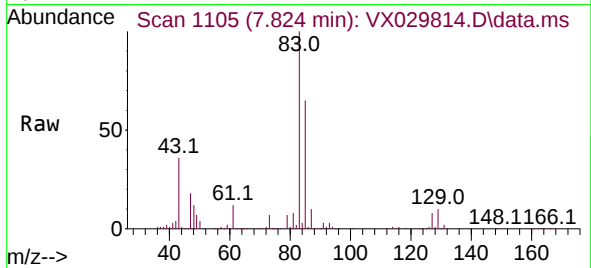
174 83.8 85.4 128.2





#47
Bromodichloromethane
Concen: 51.298 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

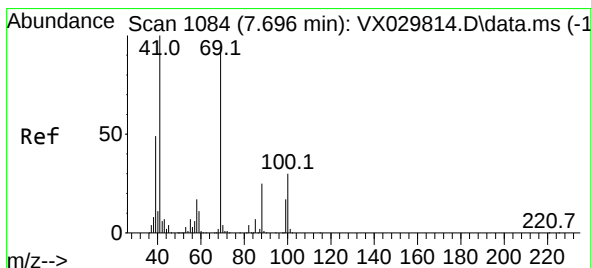
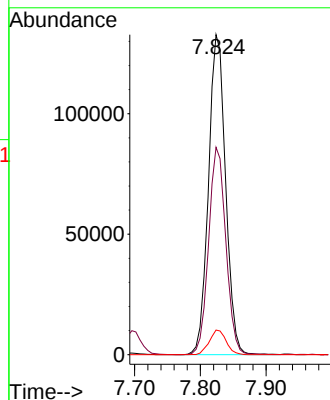
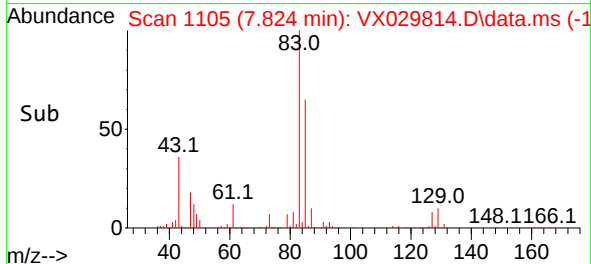
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 24104
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.2
127 7.7 6.8 10.2

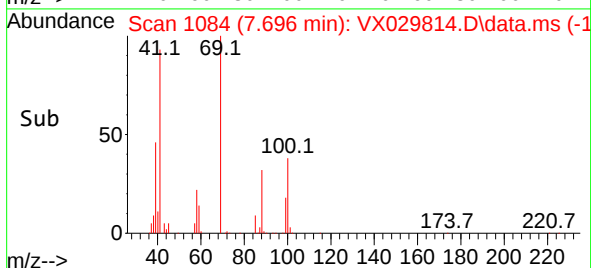
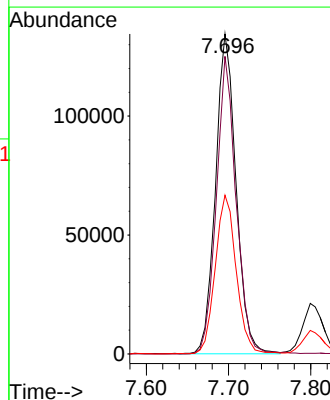
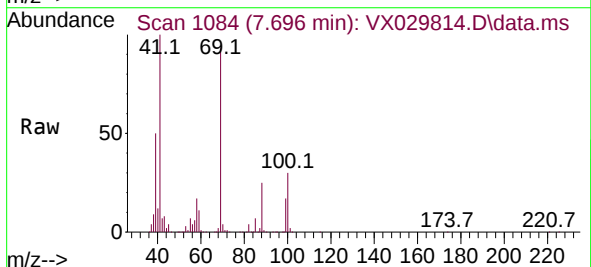
Manual Integrations
APPROVED

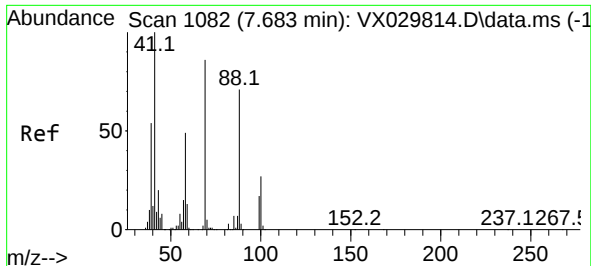
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Methyl methacrylate
Concen: 61.458 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion: 41 Resp: 233396
Ion Ratio Lower Upper
41 100
69 89.8 82.5 123.7
39 51.1 43.8 65.8





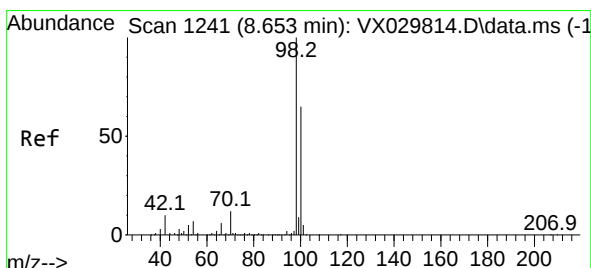
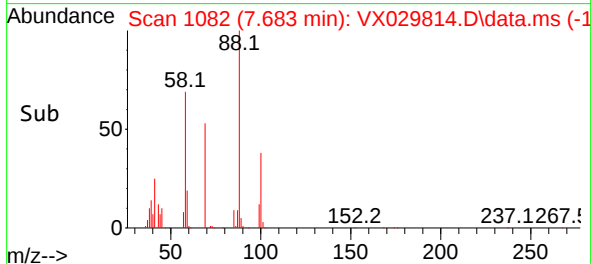
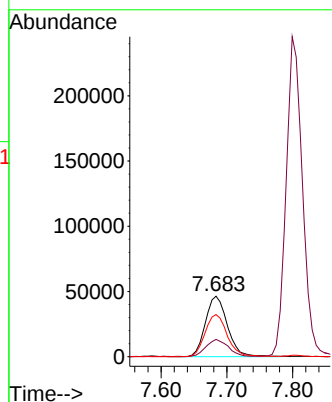
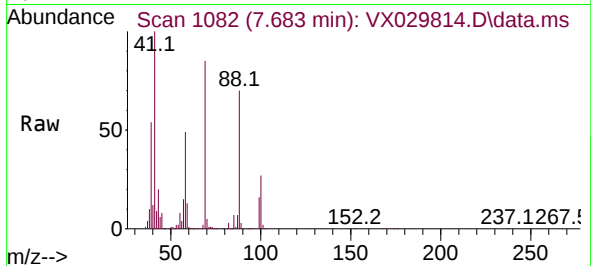
#49
1,4-Dioxane
Concen: 1114.684 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 107542
Ion Ratio Lower Upper
88 100
43 28.6 21.9 32.9
58 70.3 53.7 80.5

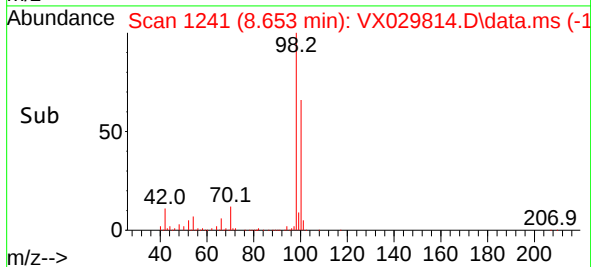
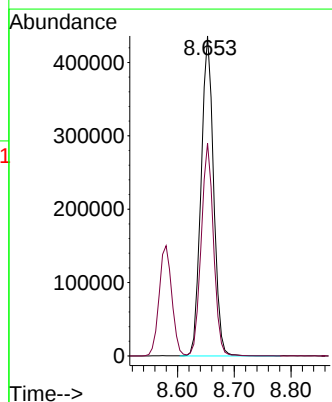
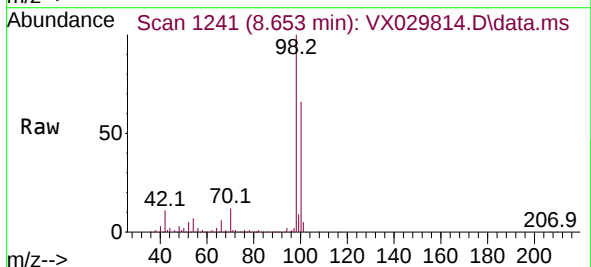
Manual Integrations
APPROVED

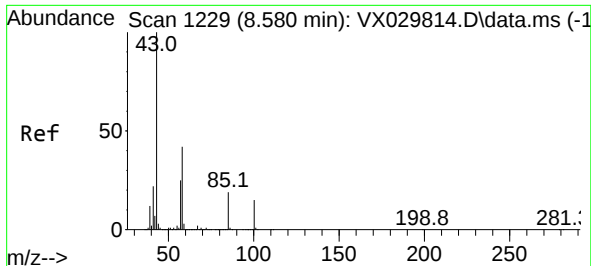
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#50
Toluene-d8
Concen: 52.762 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

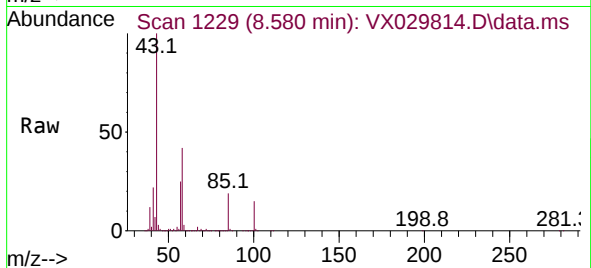
Tgt Ion: 98 Resp: 668680
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 310.780 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

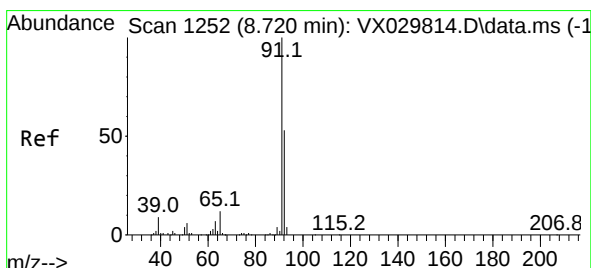
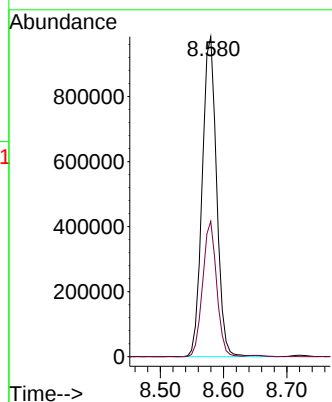
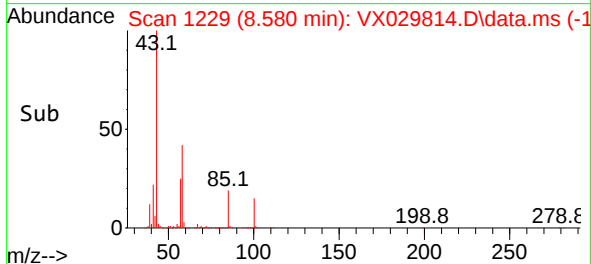
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



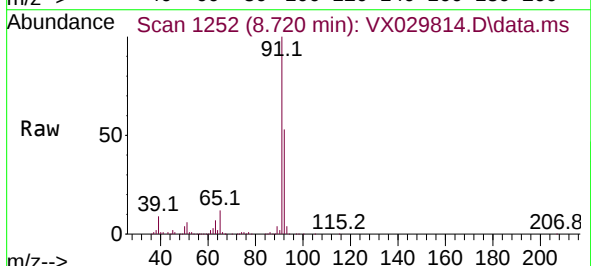
Tgt Ion: 43 Resp: 1560849
Ion Ratio Lower Upper
43 100
58 41.1 36.1 54.1

Manual Integrations
APPROVED

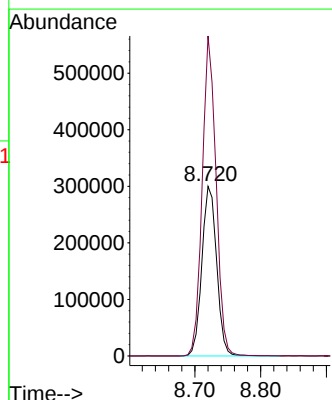
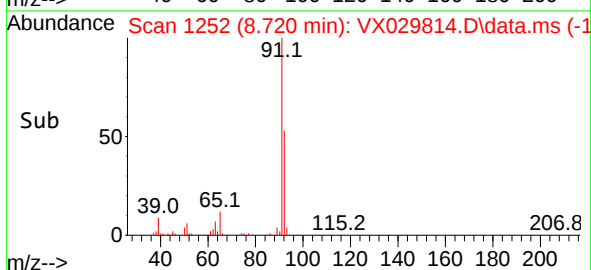
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

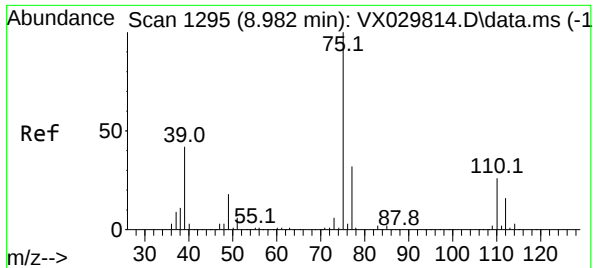


#52
Toluene
Concen: 52.624 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion: 92 Resp: 468567
Ion Ratio Lower Upper
92 100
91 176.9 137.5 206.3





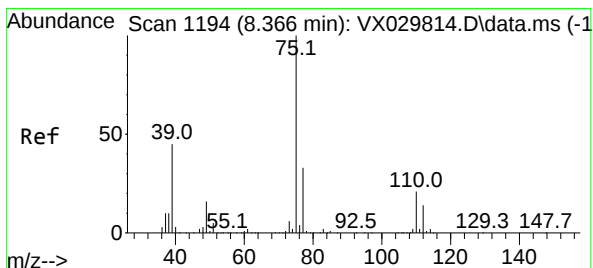
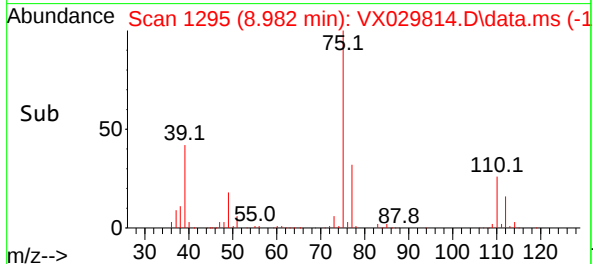
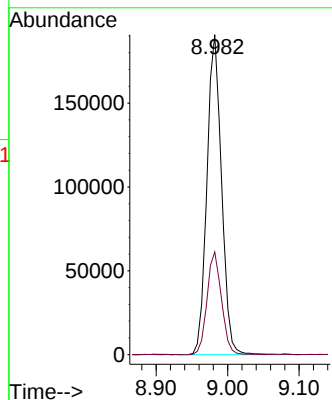
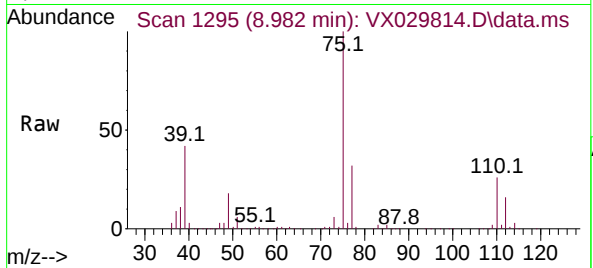
#53
t-1,3-Dichloropropene
Concen: 56.604 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 270974
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

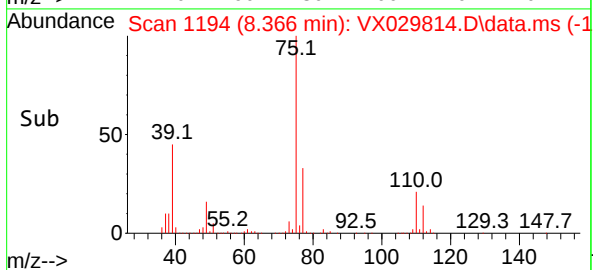
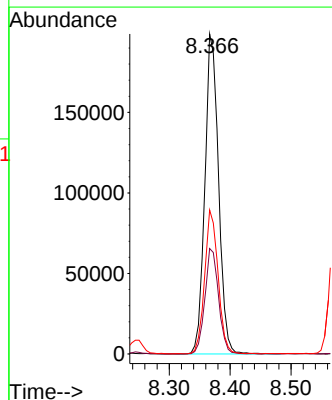
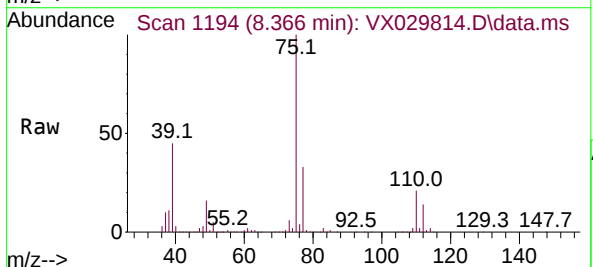
Manual Integrations
APPROVED

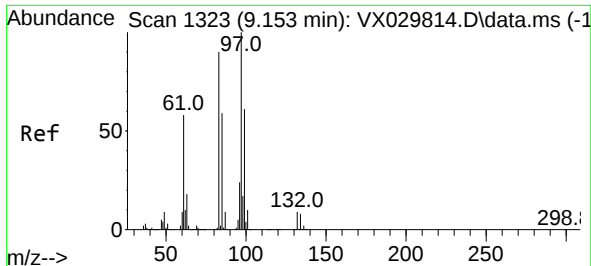
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#54
cis-1,3-Dichloropropene
Concen: 57.532 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

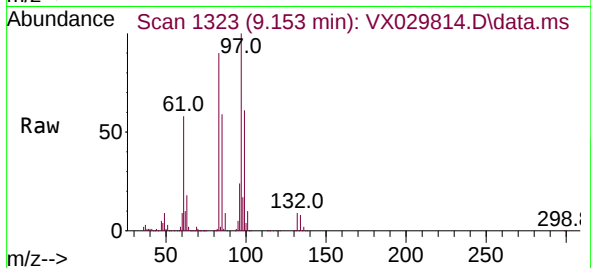
Tgt Ion: 75 Resp: 310891
Ion Ratio Lower Upper
75 100
77 33.0 24.8 37.2
39 44.9 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 53.298 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

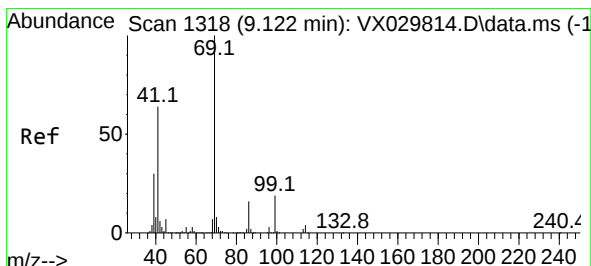
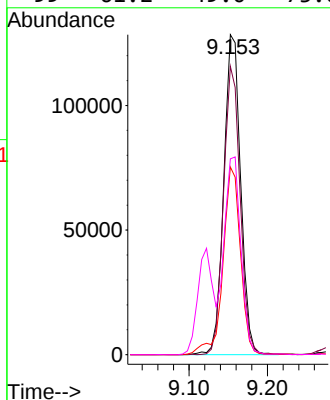
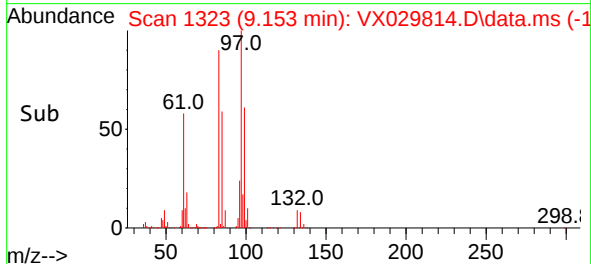


Tgt Ion: 97 Resp: 192740

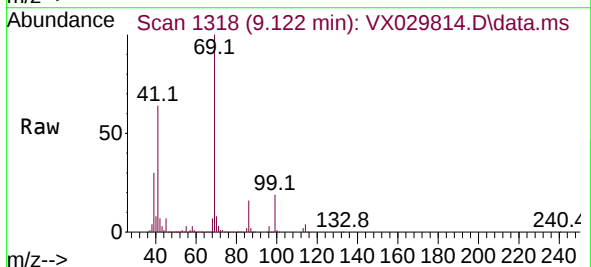
Ion	Ratio	Lower	Upper
97	100		
83	90.1	66.2	99.4
85	58.7	42.9	64.3
99	61.2	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

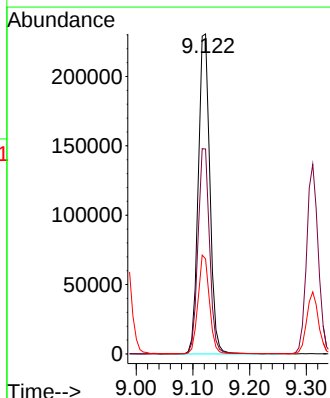
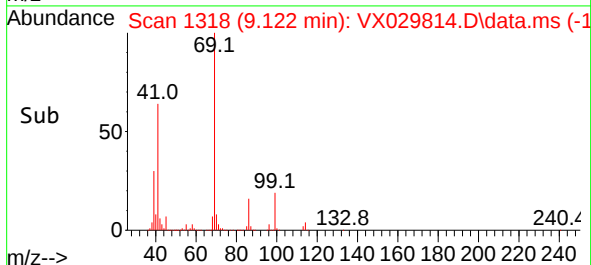


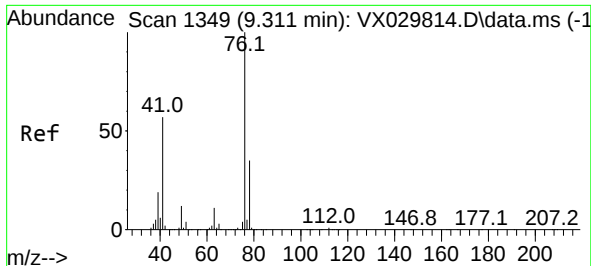
#56
Ethyl methacrylate
Concen: 59.016 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion: 69 Resp: 327211

Ion	Ratio	Lower	Upper
69	100		
41	64.4	43.8	65.6
39	30.3	22.2	33.2





#57

1,3-Dichloropropane

Concen: 55.128 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 335630

Ion Ratio Lower Upper

76 100

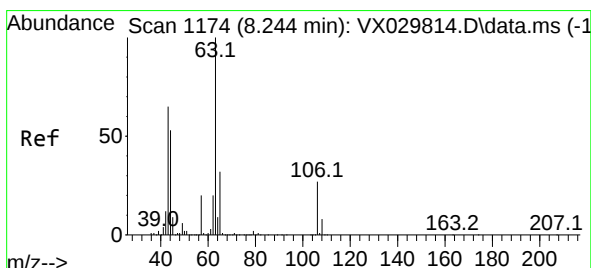
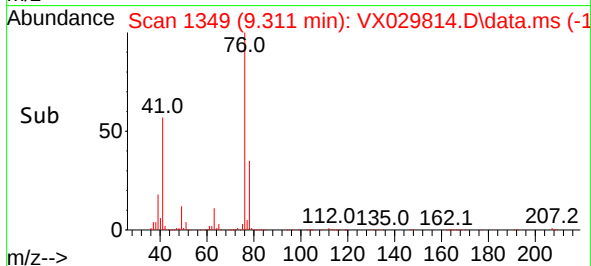
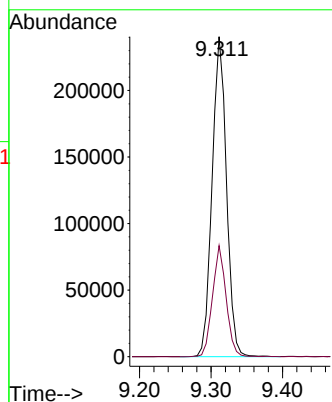
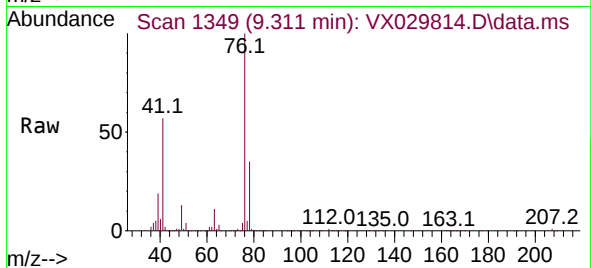
78 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 295.865 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX029814.D

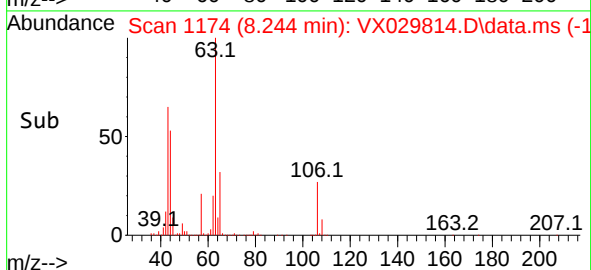
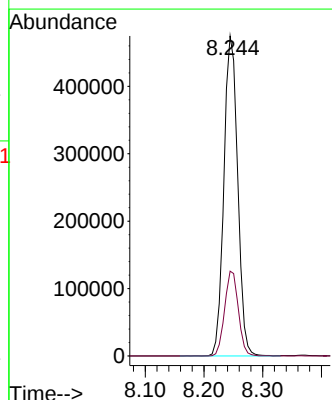
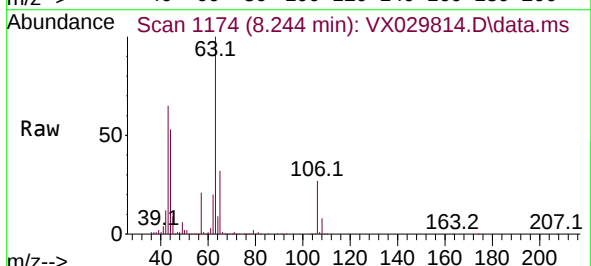
Acq: 27 Jun 2022 12:58

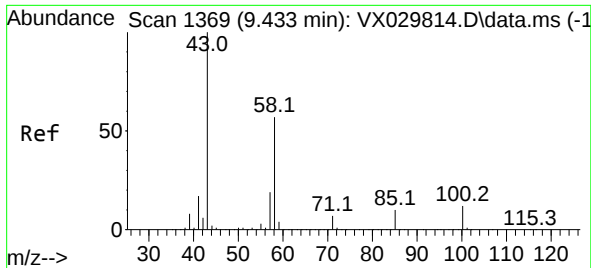
Tgt Ion: 63 Resp: 774388

Ion Ratio Lower Upper

63 100

106 26.3 23.9 35.9





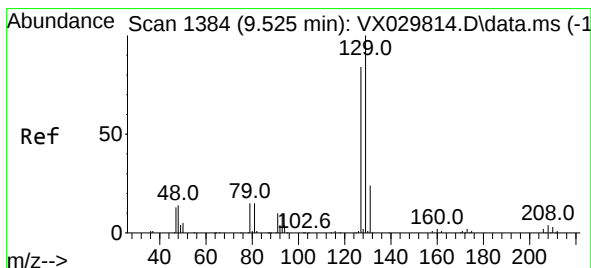
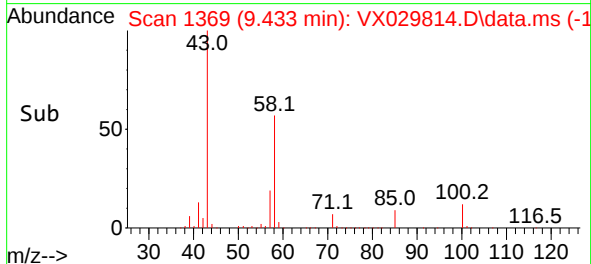
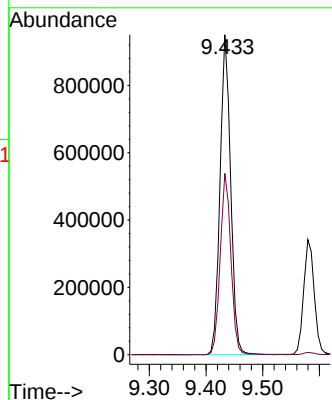
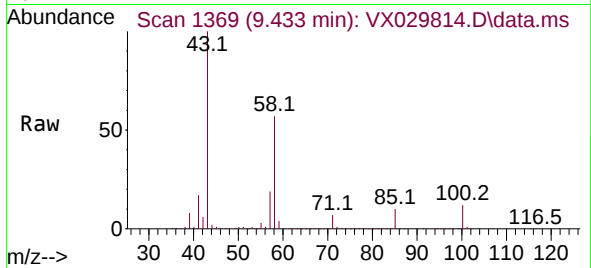
#59
2-Hexanone
Concen: 322.307 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1233749
Ion Ratio Lower Upper
43 100
58 57.2 31.9 95.7

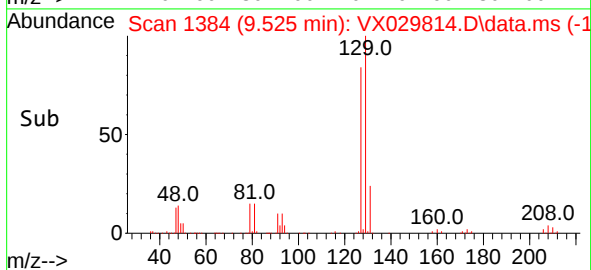
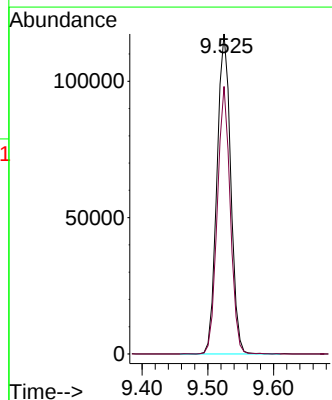
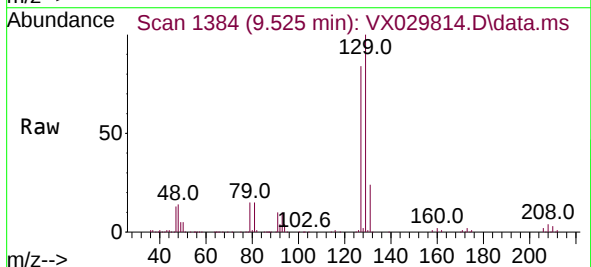
Manual Integrations
APPROVED

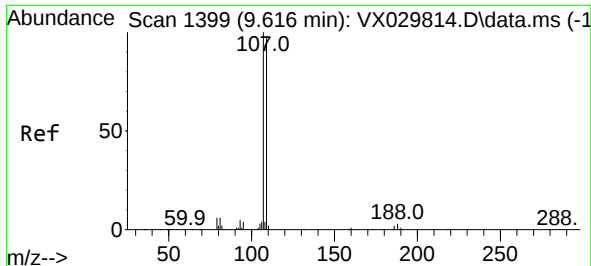
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
Dibromochloromethane
Concen: 49.777 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

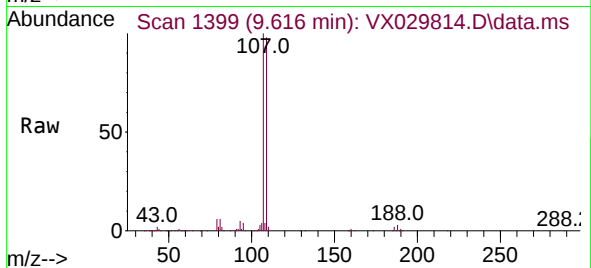
Tgt Ion:129 Resp: 170960
Ion Ratio Lower Upper
129 100
127 78.5 40.3 120.8





#61
1,2-Dibromoethane
Concen: 53.840 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

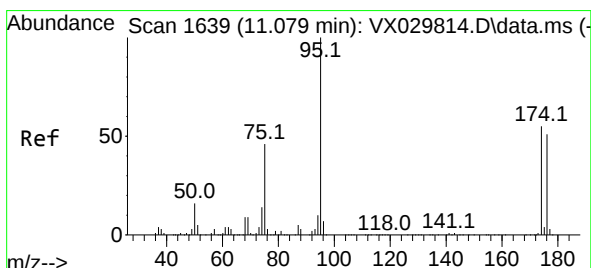
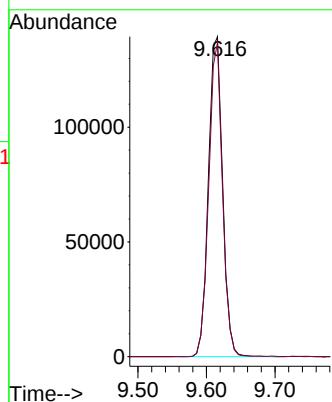
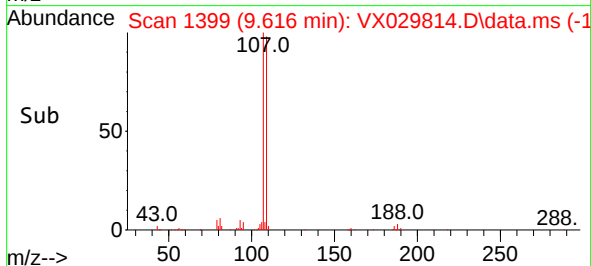
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



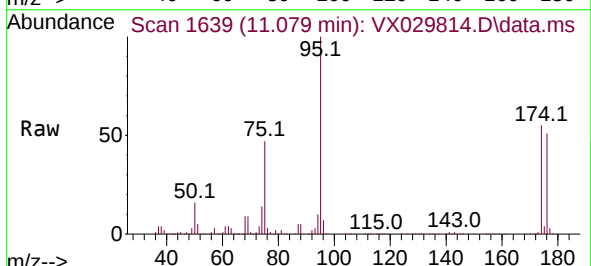
Tgt Ion:107 Resp: 20142
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6

Manual Integrations
APPROVED

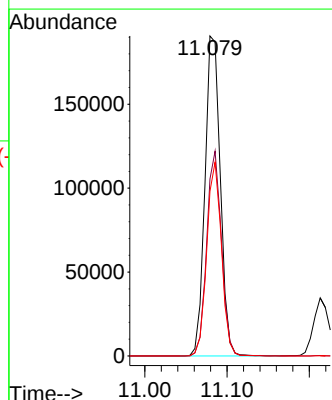
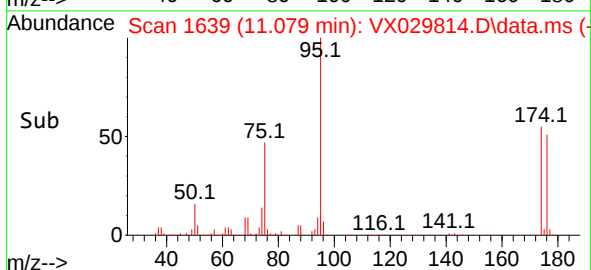
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

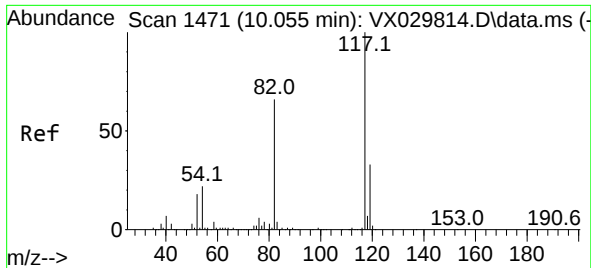


#62
4-Bromofluorobenzene
Concen: 52.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



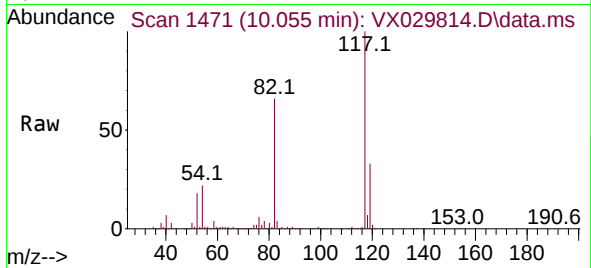
Tgt Ion: 95 Resp: 247654
Ion Ratio Lower Upper
95 100
174 61.7 0.0 163.0
176 57.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

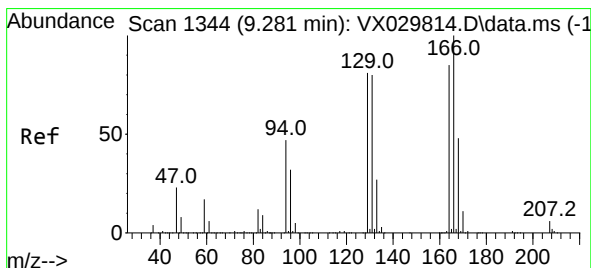
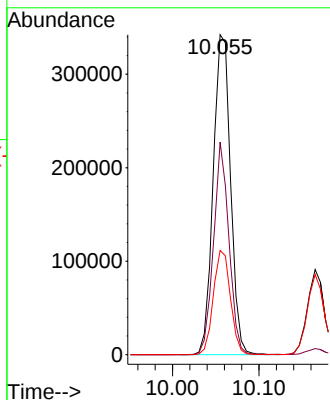
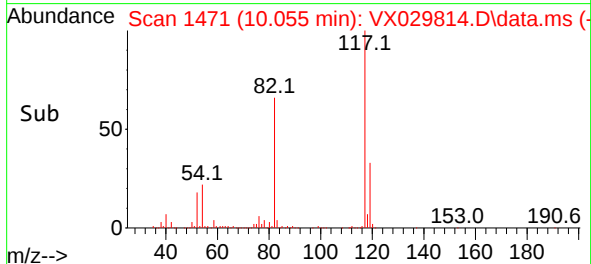
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 475995
Ion Ratio Lower Upper
117 100
82 66.4 41.8 62.8
119 32.5 24.8 37.2

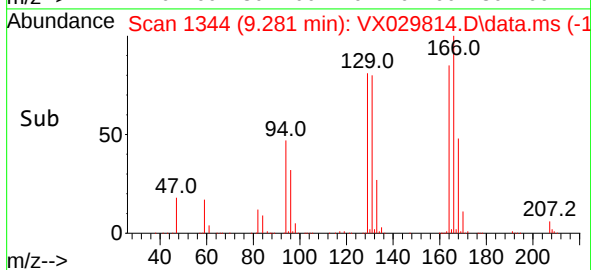
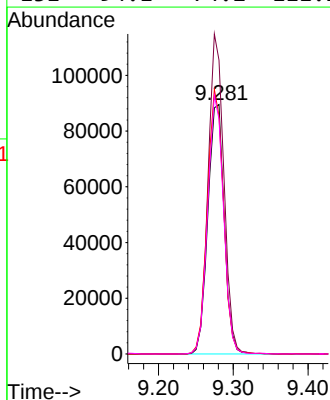
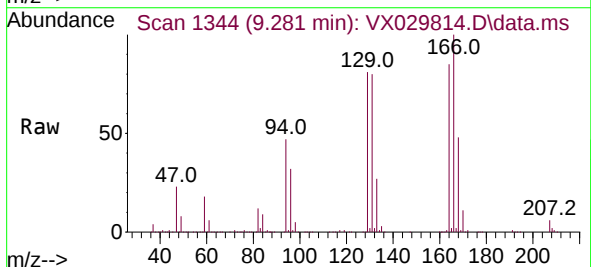
Manual Integrations
APPROVED

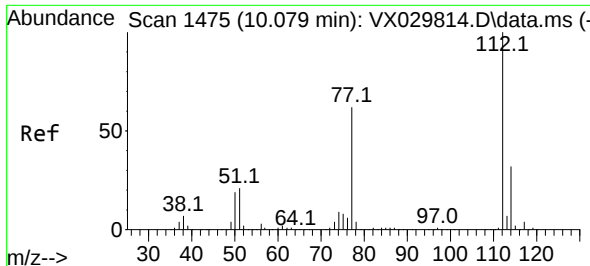
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Tetrachloroethene
Concen: 41.001 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

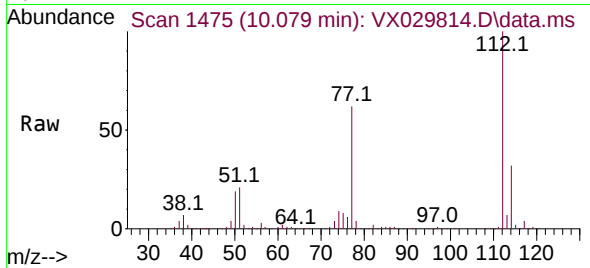
Tgt Ion:164 Resp: 135892
Ion Ratio Lower Upper
164 100
166 117.8 101.2 151.8
129 95.4 73.0 109.4
131 94.1 74.2 111.2





#65
Chlorobenzene
Concen: 51.244 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

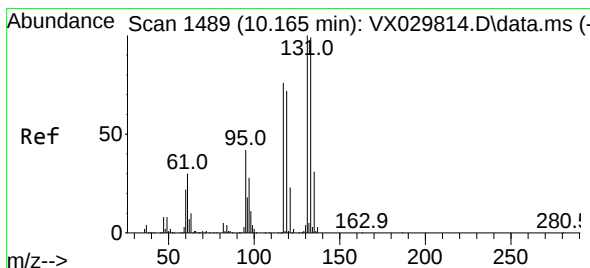
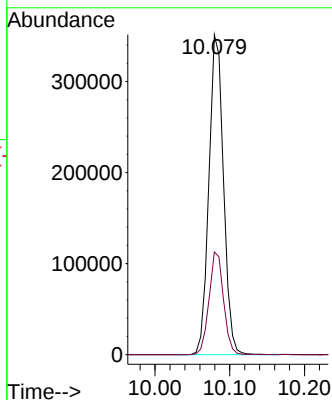
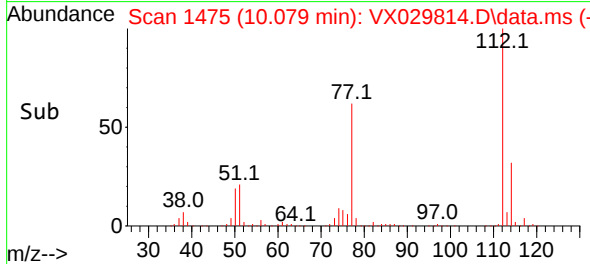
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



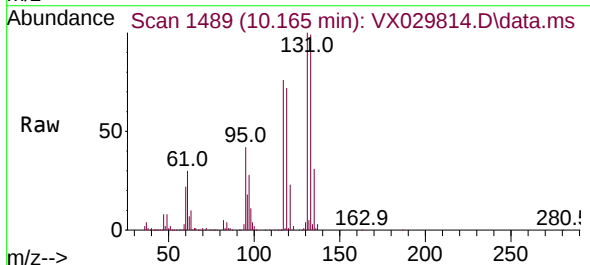
Tgt Ion:112 Resp: 477810
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

Manual Integrations
APPROVED

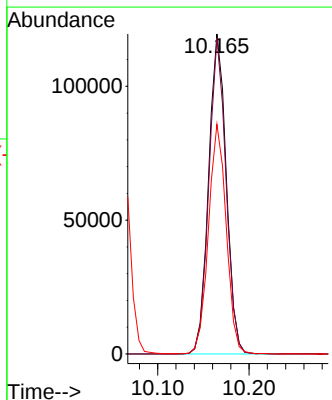
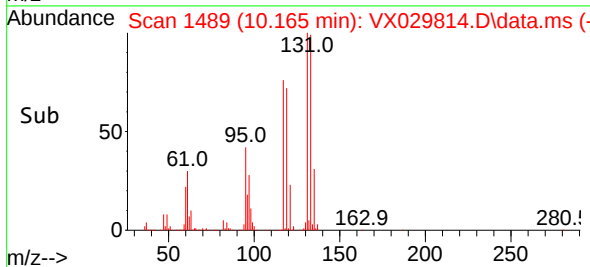
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

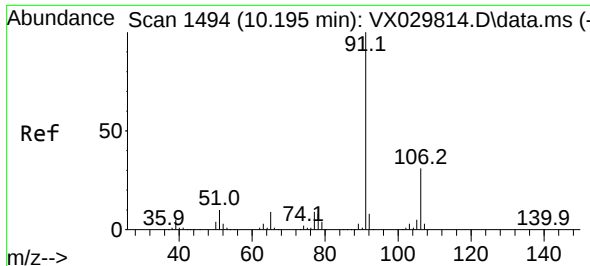


#66
1,1,1,2-Tetrachloroethane
Concen: 48.499 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



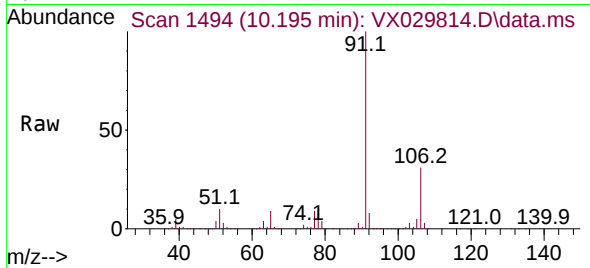
Tgt Ion:131 Resp: 159831
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 72.3 32.6 98.0





#67
Ethyl Benzene
Concen: 53.470 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

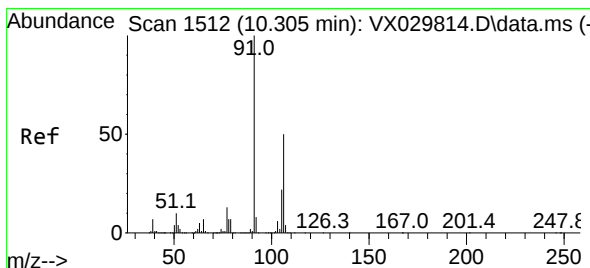
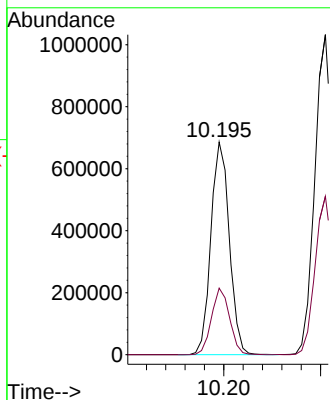
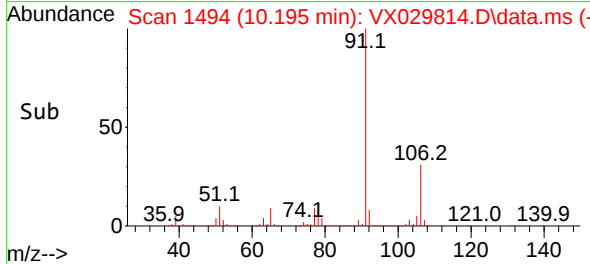
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



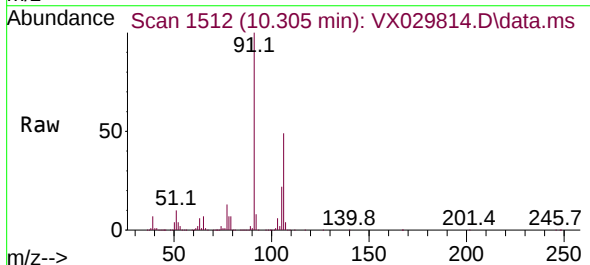
Tgt Ion: 91 Resp: 90441
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

Manual Integrations
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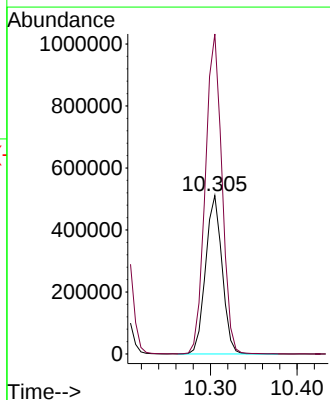
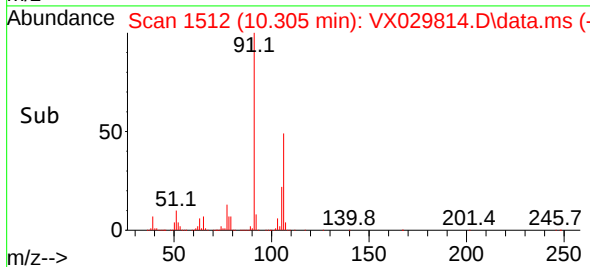
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

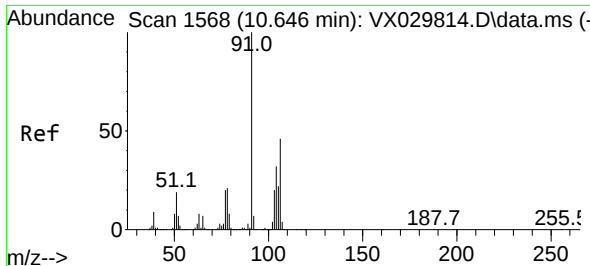


#68
m/p-Xylenes
Concen: 103.060 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion:106 Resp: 675303
Ion Ratio Lower Upper
106 100
91 203.6 160.4 240.6





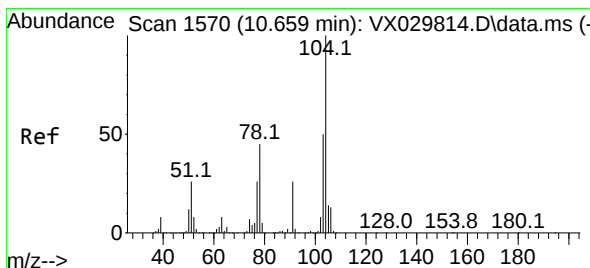
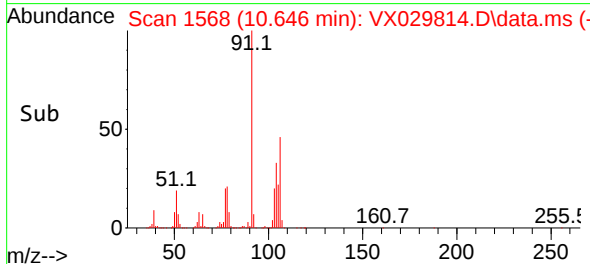
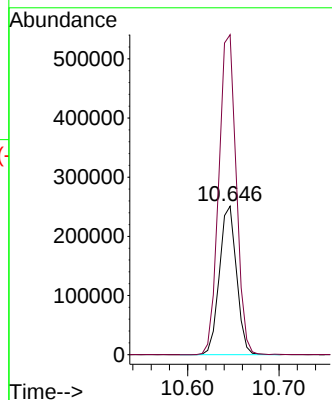
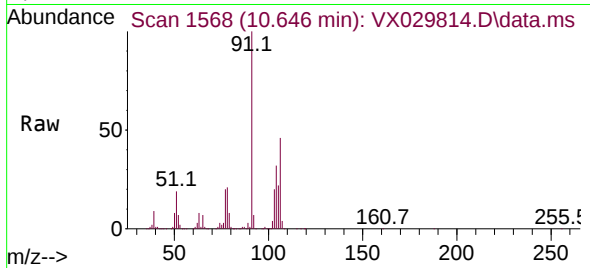
#69
o-Xylene
Concen: 50.740 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 327558
Ion Ratio Lower Upper
106 100
91 219.4 106.1 318.1

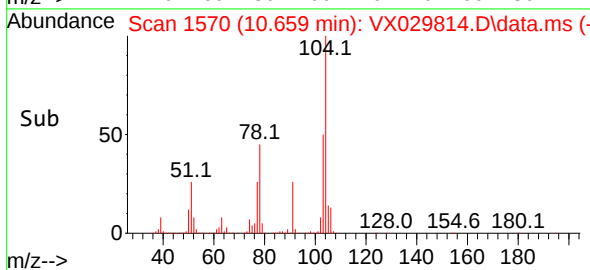
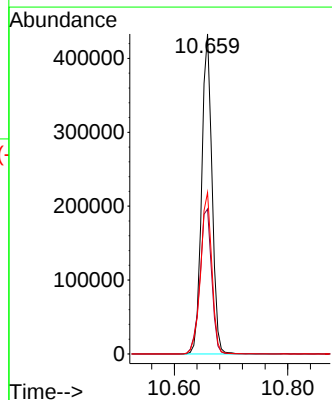
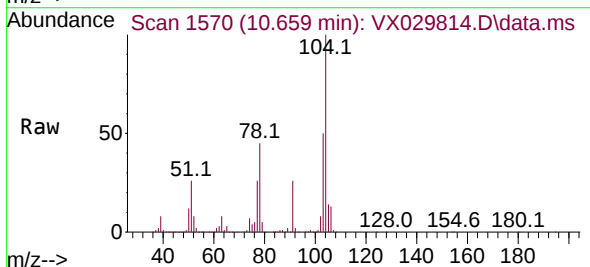
Manual Integrations
APPROVED

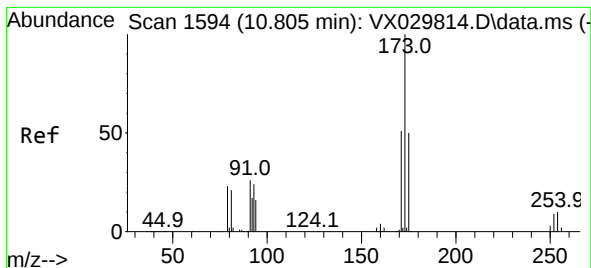
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 51.892 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion:104 Resp: 546912
Ion Ratio Lower Upper
104 100
78 51.5 38.6 57.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 48.219 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 111569

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.2

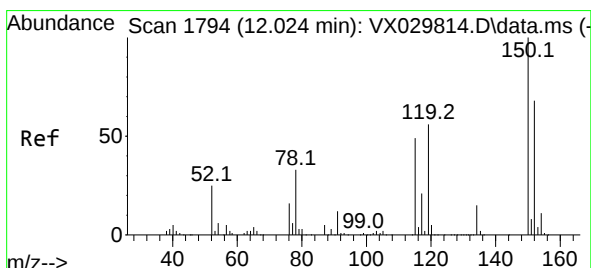
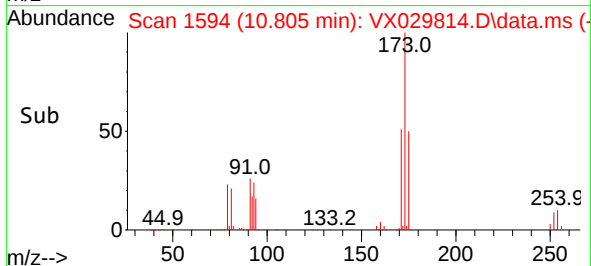
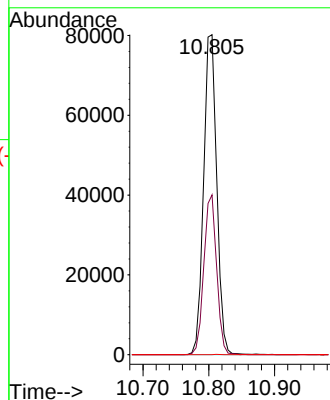
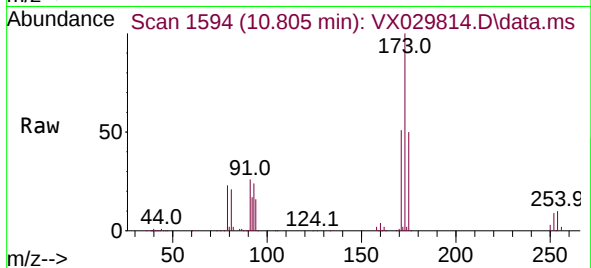
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

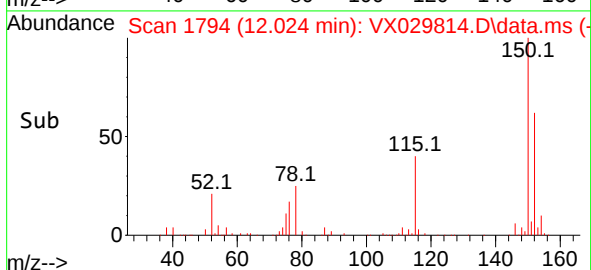
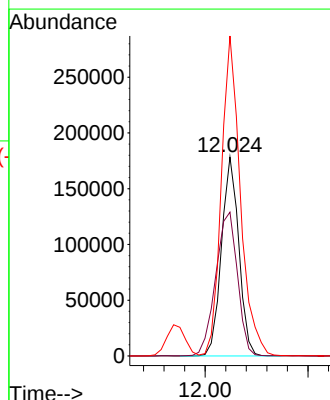
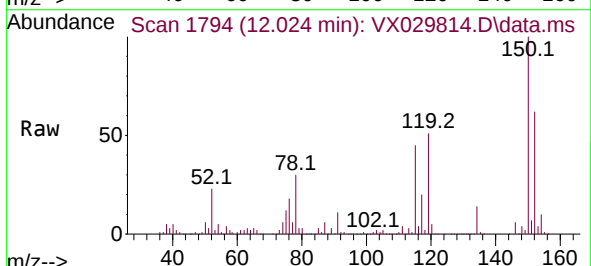
Tgt Ion:152 Resp: 207693

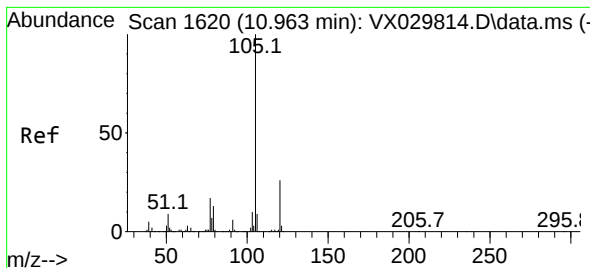
Ion Ratio Lower Upper

152 100

115 91.5 37.5 112.7

150 176.9 0.0 338.2





#73

Isopropylbenzene

Concen: 54.407 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 86101

Ion Ratio Lower Upper

105 100

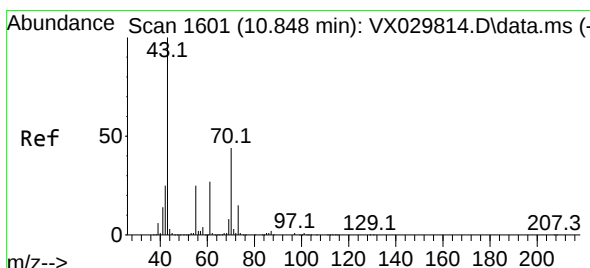
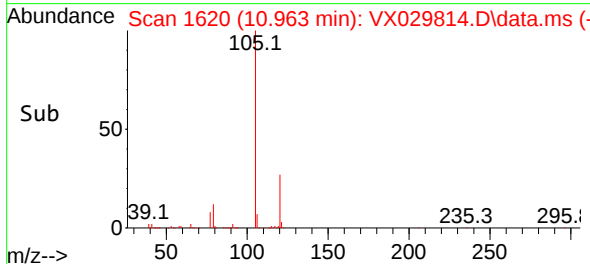
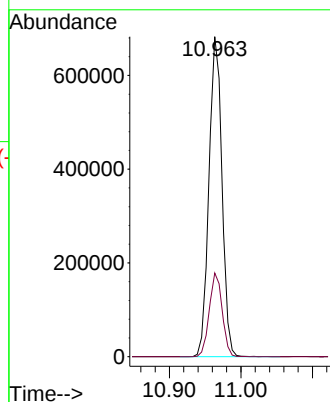
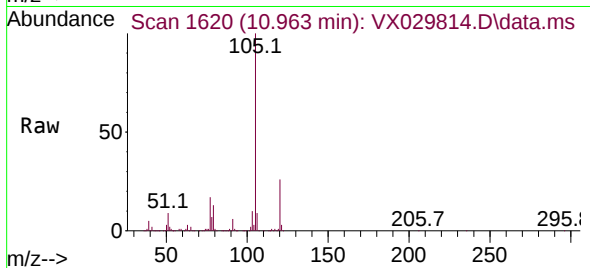
120 26.0 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#74

N-ethyl acetate

Concen: 71.358 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Tgt Ion: 43 Resp: 417402

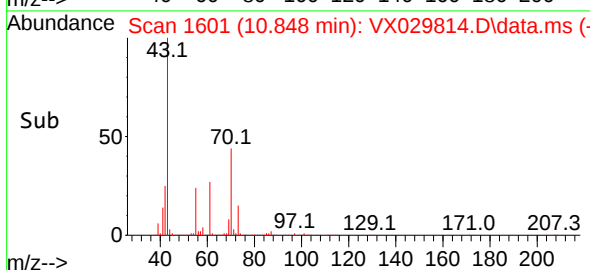
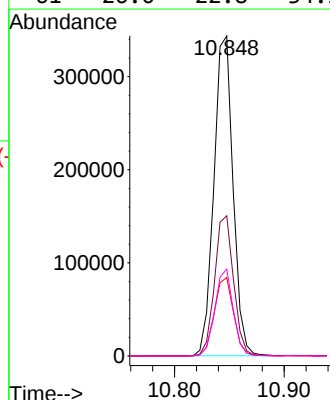
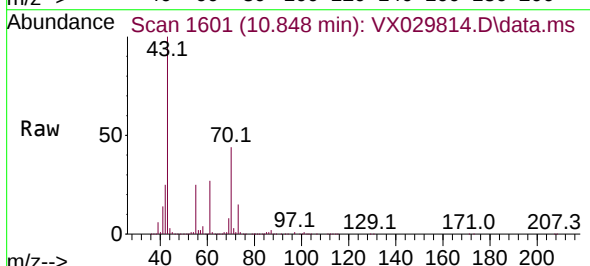
Ion Ratio Lower Upper

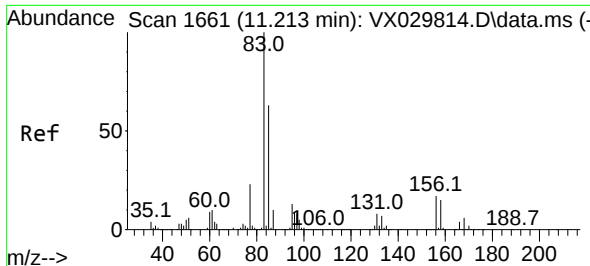
43 100

70 43.6 42.5 63.7

55 24.9 23.1 34.7

61 26.0 22.8 34.2





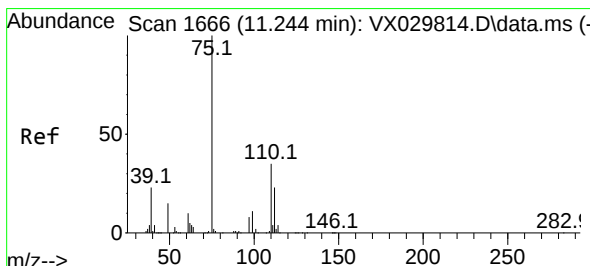
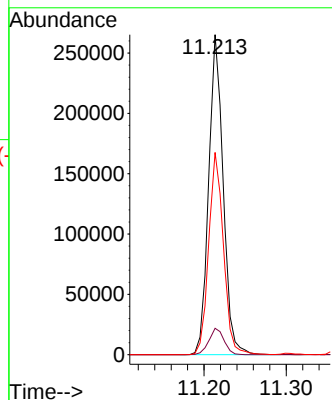
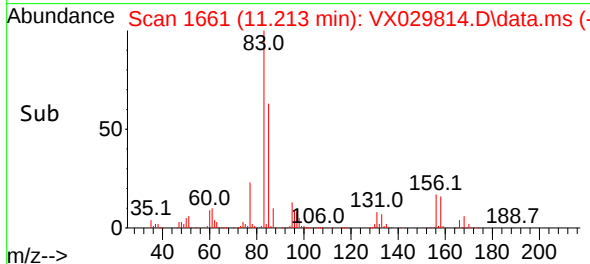
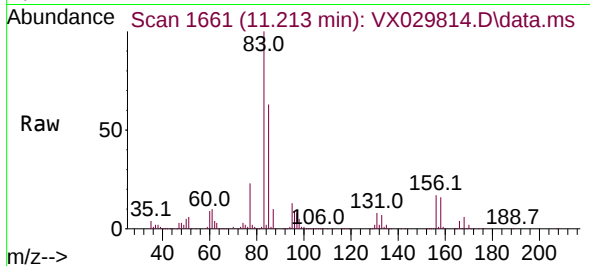
#75
1,1,2,2-Tetrachloroethane
Concen: 61.501 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 325030
Ion Ratio Lower Upper
83 100
131 8.6 5.1 15.3
85 64.3 32.6 97.7

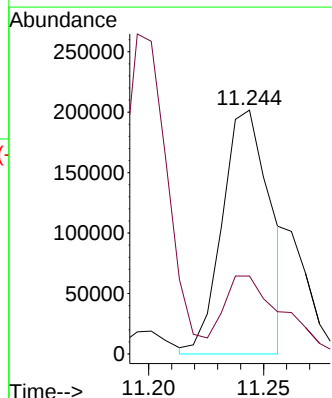
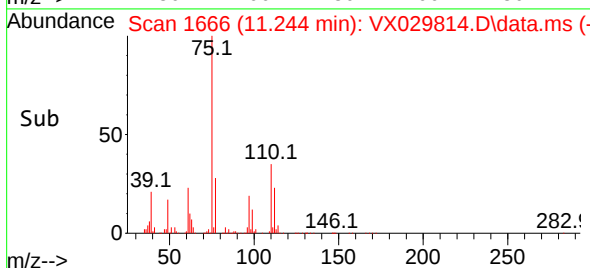
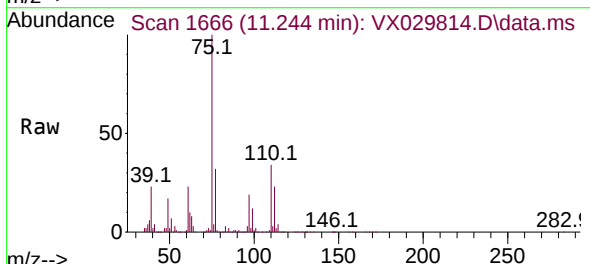
Manual Integrations
APPROVED

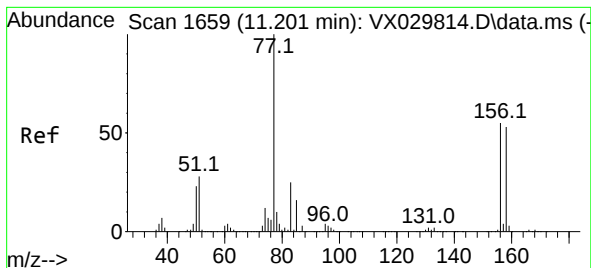
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,2,3-Trichloropropane
Concen: 61.521 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion: 75 Resp: 290313
Ion Ratio Lower Upper
75 100
77 39.5 19.4 58.2





#77

Bromobenzene

Concen: 51.039 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

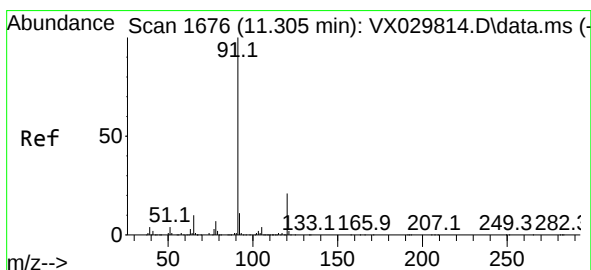
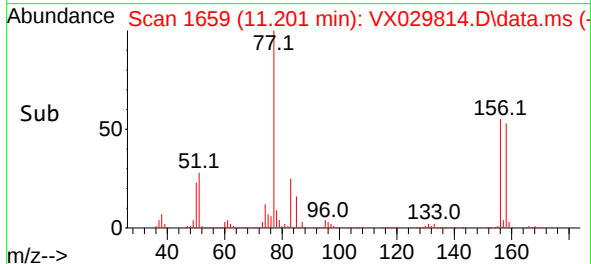
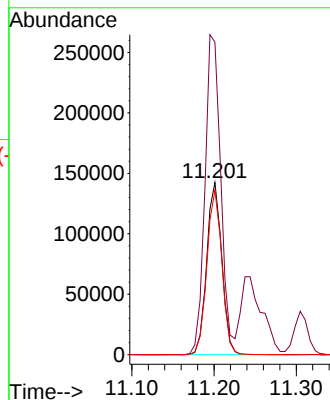
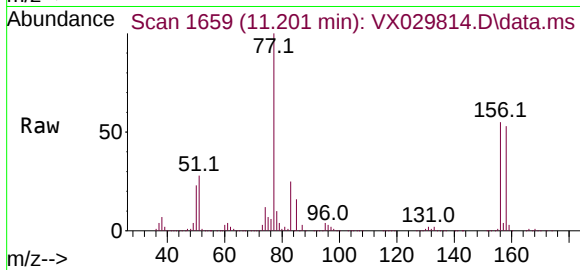
Tgt Ion:	156	Resp:	18183
Ion Ratio	Lower	Upper	
156	100		
77	195.3	78.5	235.3
158	94.8	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#78

n-propylbenzene

Concen: 59.172 ug/l

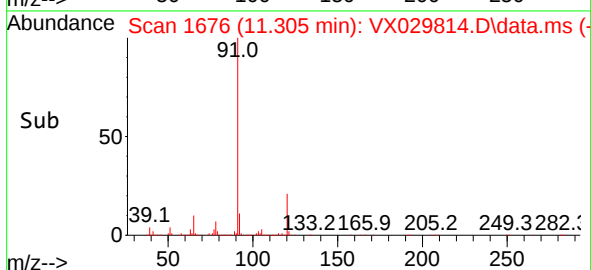
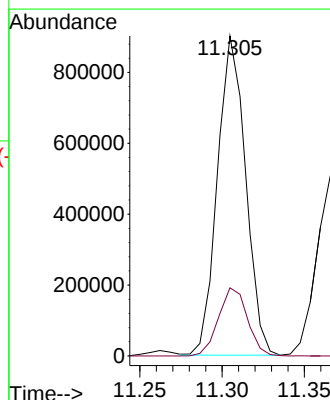
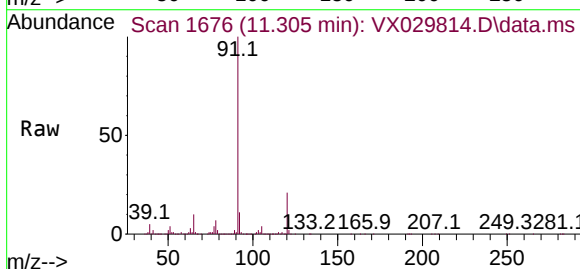
RT: 11.305 min Scan# 1676

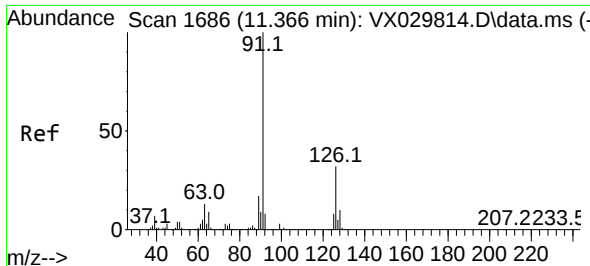
Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Tgt Ion:	91	Resp:	1071784
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.6	34.8





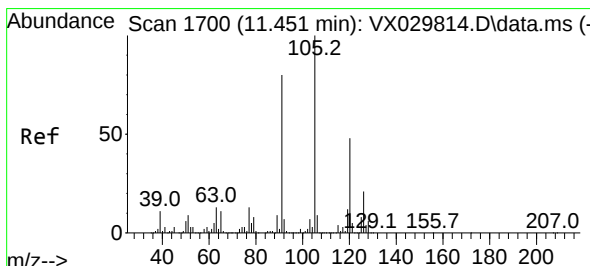
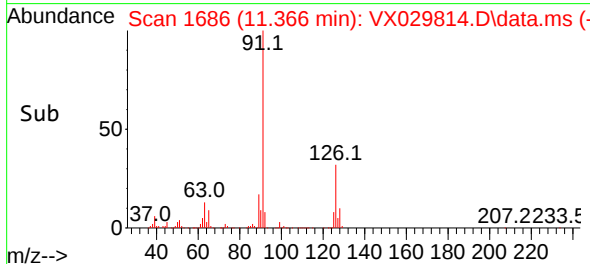
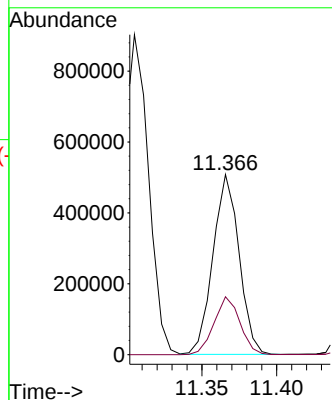
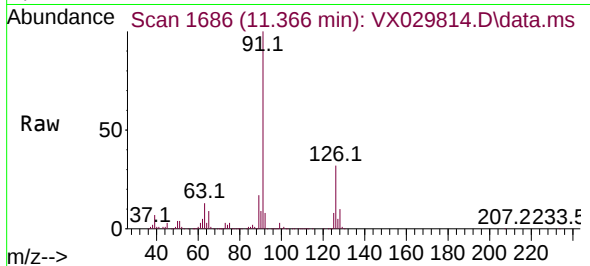
#79
2-Chlorotoluene
Concen: 55.511 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 61636
Ion Ratio Lower Upper
91 100
126 31.9 17.3 51.9

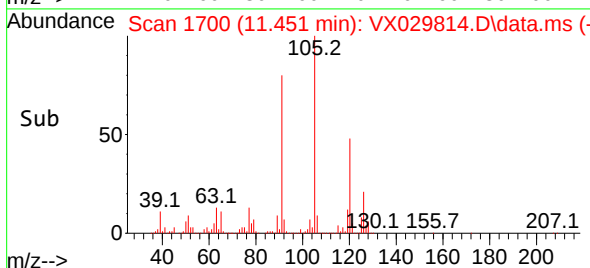
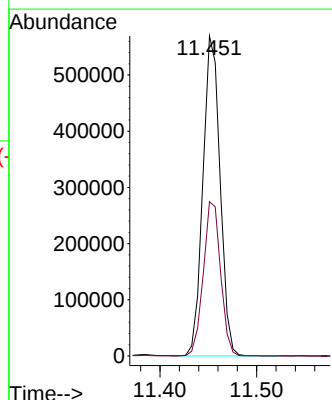
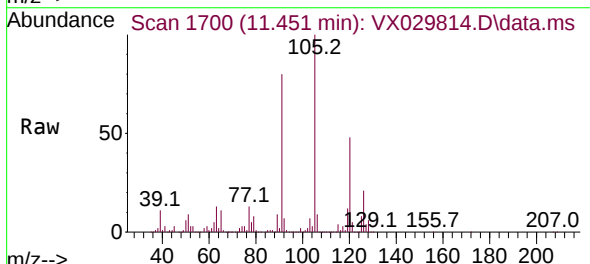
Manual Integrations
APPROVED

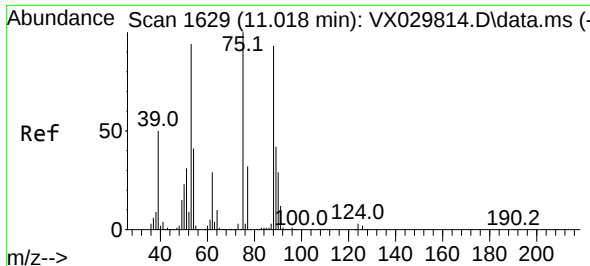
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.161 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

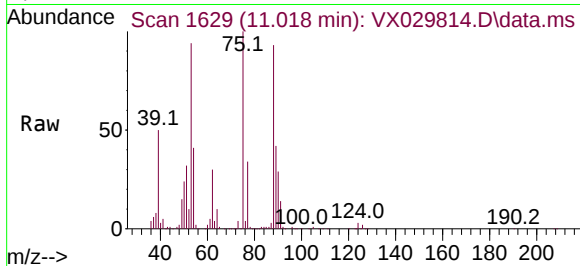
Tgt Ion:105 Resp: 703384
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 69.702 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

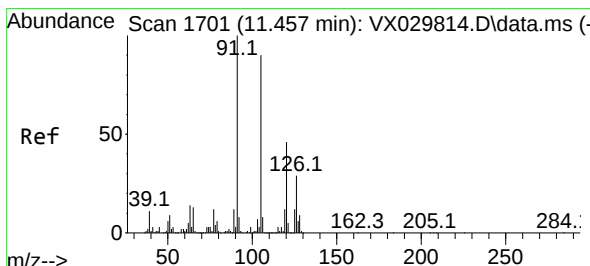
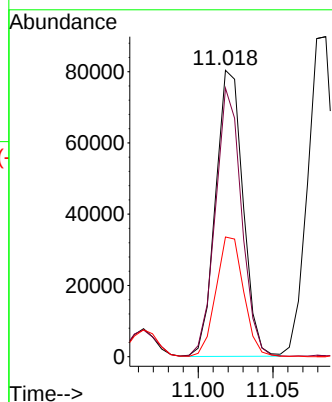
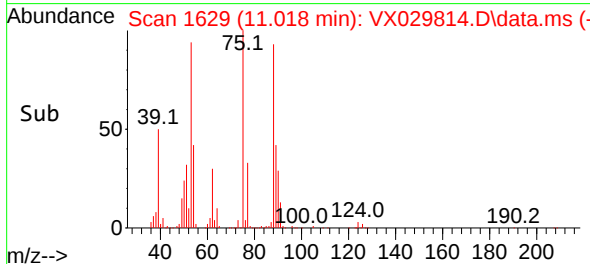
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 102348
Ion Ratio Lower Upper
75 100
53 89.6 69.0 103.4
89 42.4 37.0 55.6

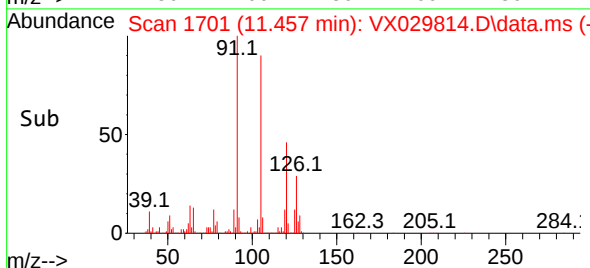
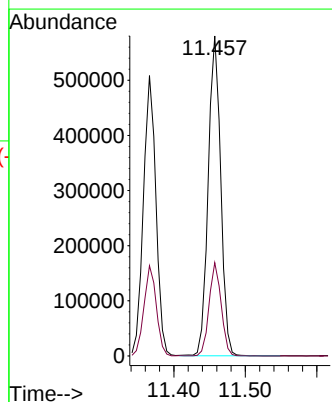
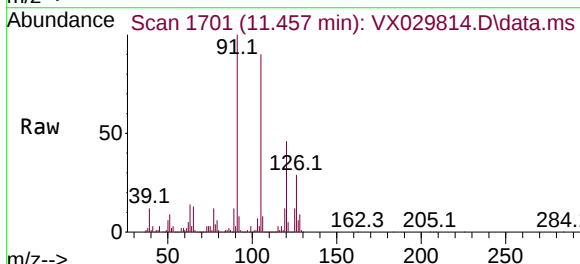
Manual Integrations
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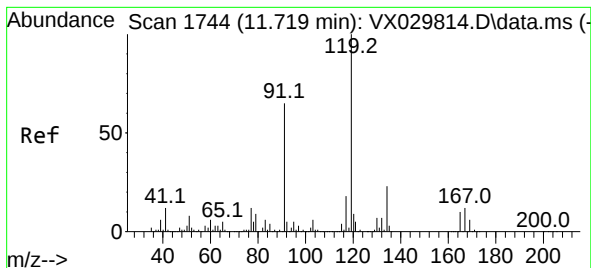
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#82
4-Chlorotoluene
Concen: 55.579 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion: 91 Resp: 704414
Ion Ratio Lower Upper
91 100
126 28.2 14.9 44.5





#83

tert-Butylbenzene

Concen: 53.857 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 69764

Ion Ratio Lower Upper

119 100

91 61.7 26.9 80.6

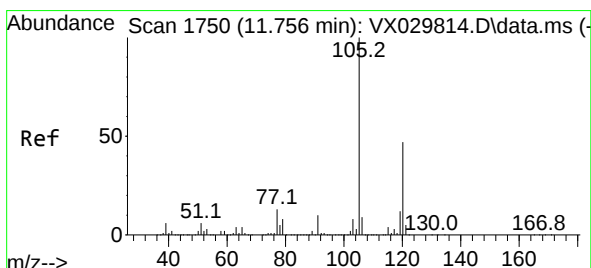
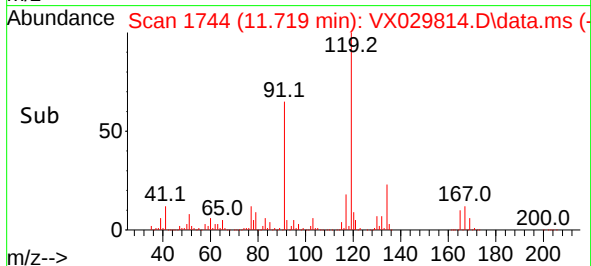
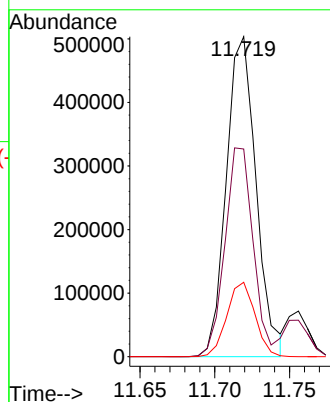
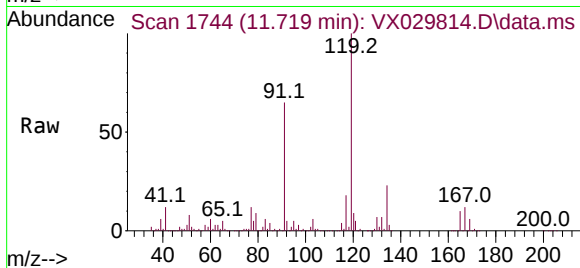
134 22.0 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#84

1,2,4-Trimethylbenzene

Concen: 54.177 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029814.D

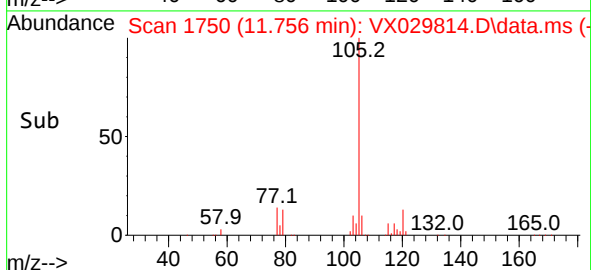
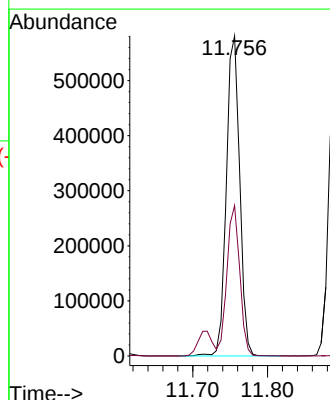
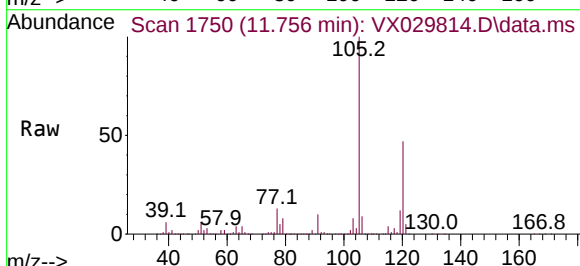
Acq: 27 Jun 2022 12:58

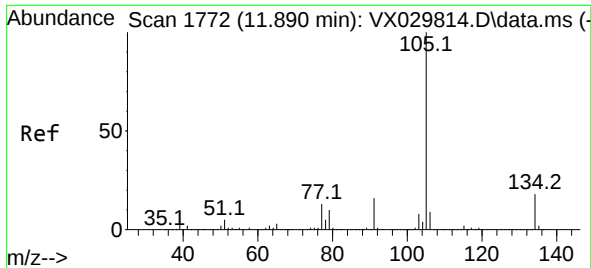
Tgt Ion:105 Resp: 718545

Ion Ratio Lower Upper

105 100

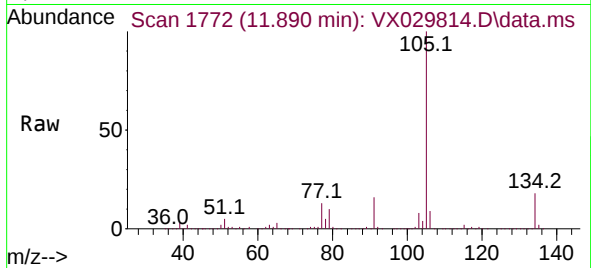
120 45.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 56.500 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029814.D
 Acq: 27 Jun 2022 12:58

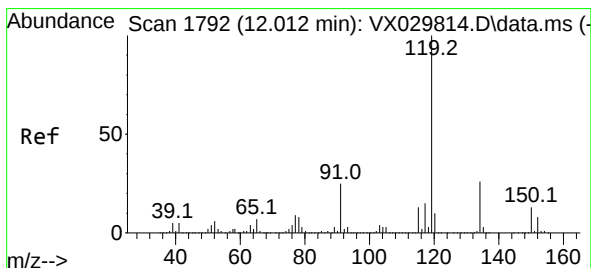
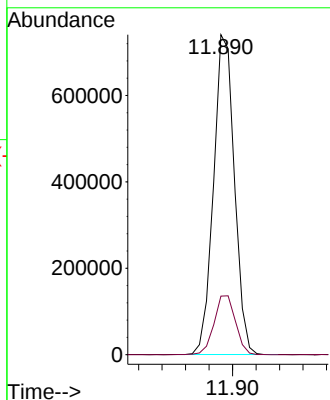
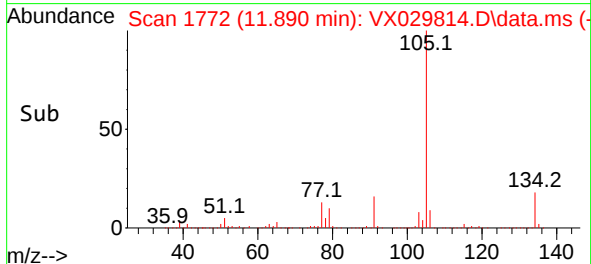
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



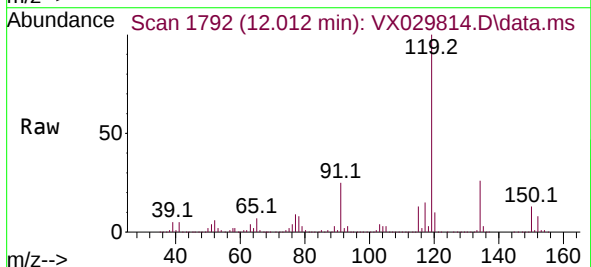
Tgt Ion:105 Resp: 91363
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4

Manual Integrations
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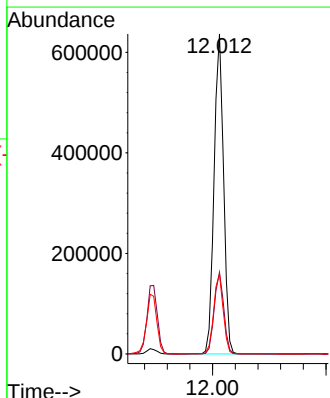
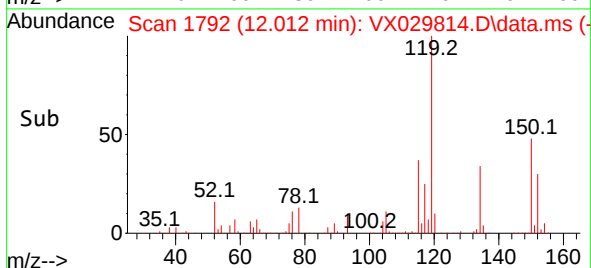
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

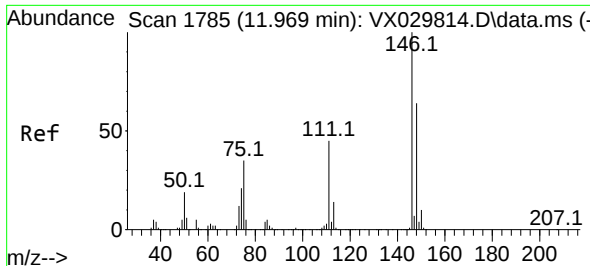


#86
 p-Isopropyltoluene
 Concen: 54.917 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029814.D
 Acq: 27 Jun 2022 12:58



Tgt Ion:119 Resp: 738311
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.505 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 357640

Ion Ratio Lower Upper

146 100

111 45.2 19.7 59.1

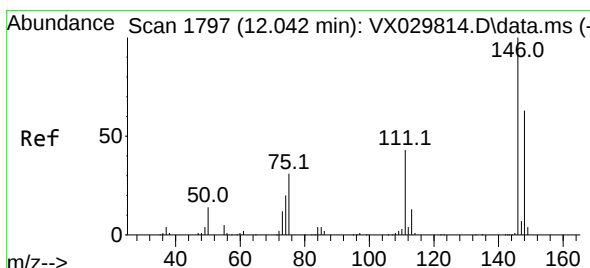
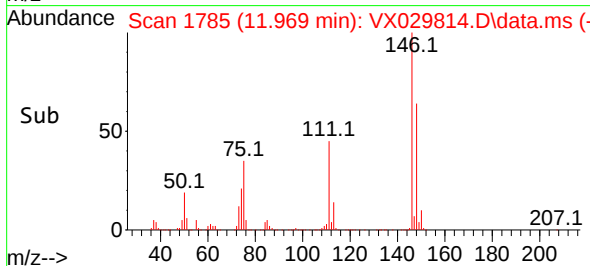
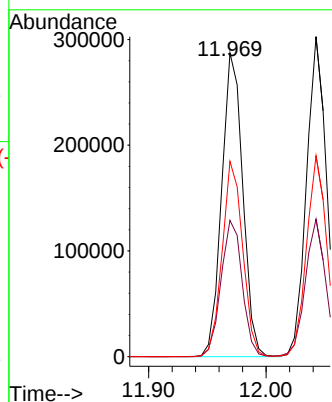
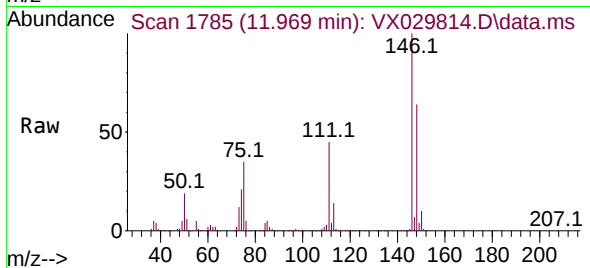
148 62.7 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#88

1,4-Dichlorobenzene

Concen: 52.643 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

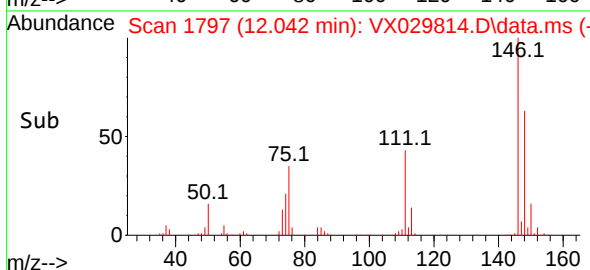
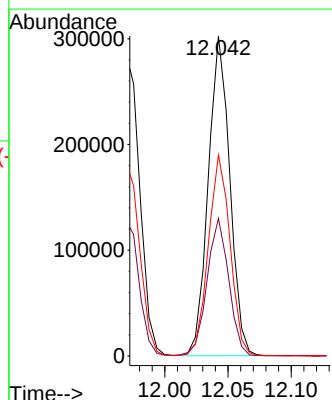
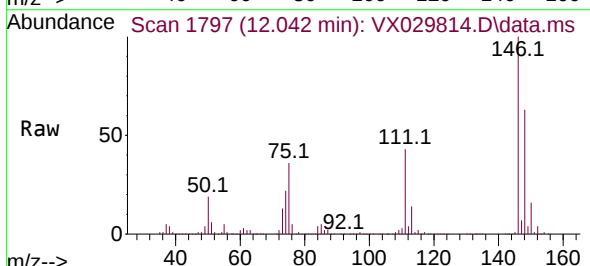
Tgt Ion:146 Resp: 357985

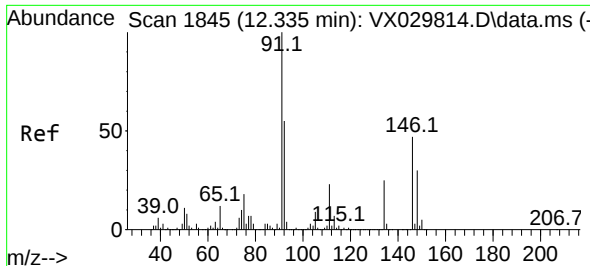
Ion Ratio Lower Upper

146 100

111 43.4 19.2 57.6

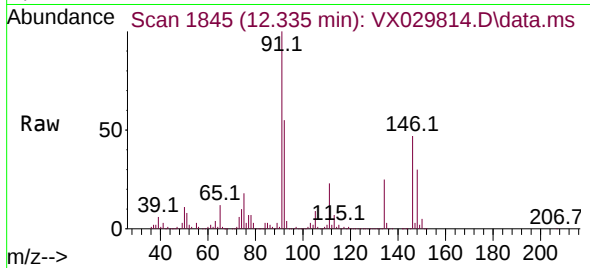
148 63.5 32.3 96.9





#89
n-Butylbenzene
Concen: 60.224 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

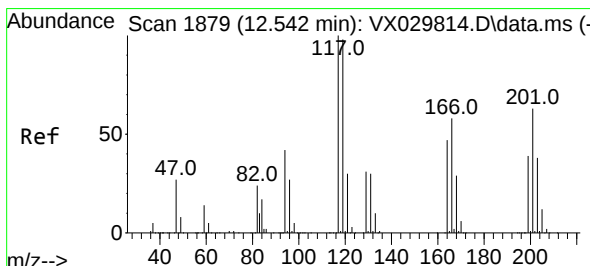
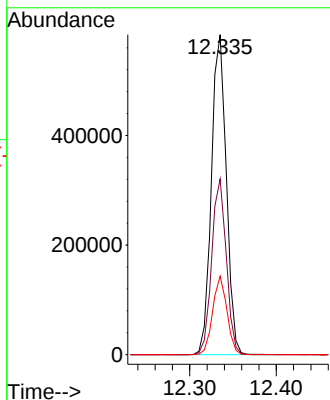
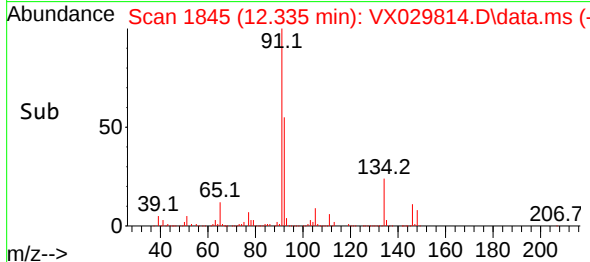
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 697294
Ion Ratio Lower Upper
91 100
92 53.9 27.8 83.3
134 23.5 13.3 39.8

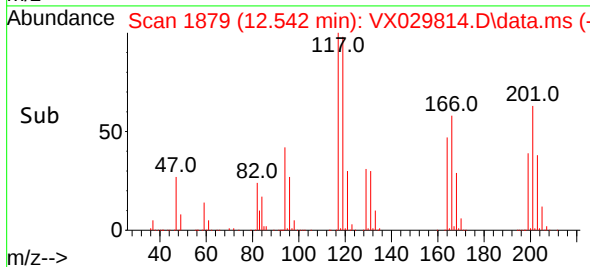
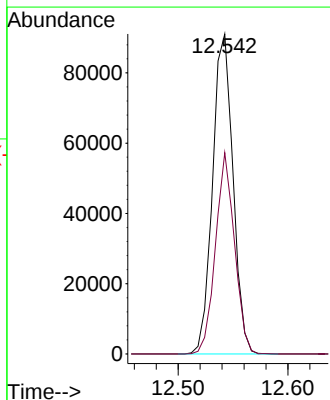
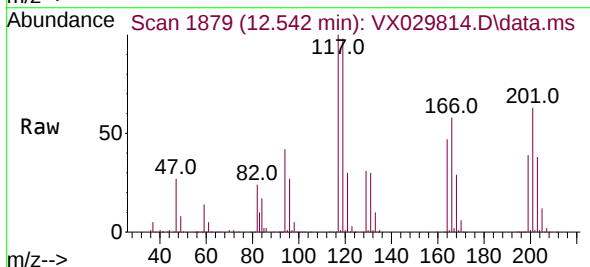
Manual Integrations
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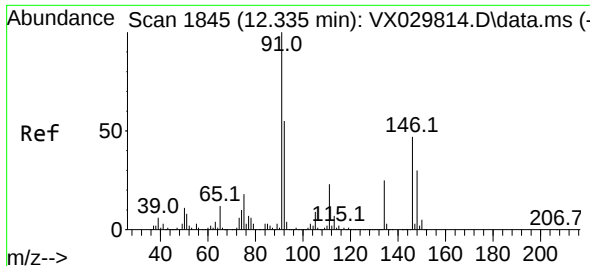
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 60.592 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

Tgt Ion:117 Resp: 117891
Ion Ratio Lower Upper
117 100
201 58.7 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 52.174 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 349010

Ion Ratio Lower Upper

146 100

111 47.7 21.0 63.0

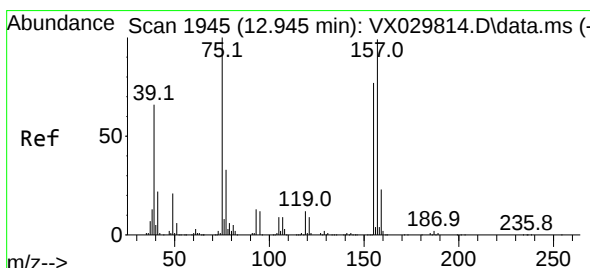
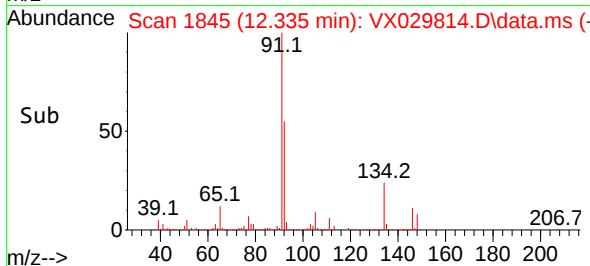
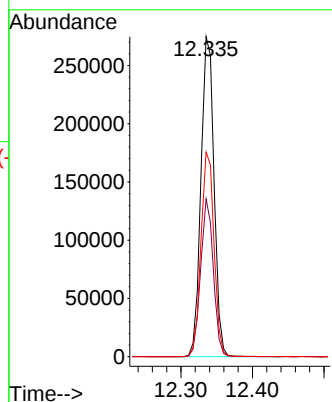
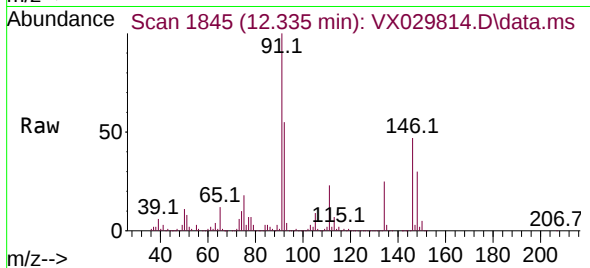
148 63.6 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 64.958 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX029814.D

Acq: 27 Jun 2022 12:58

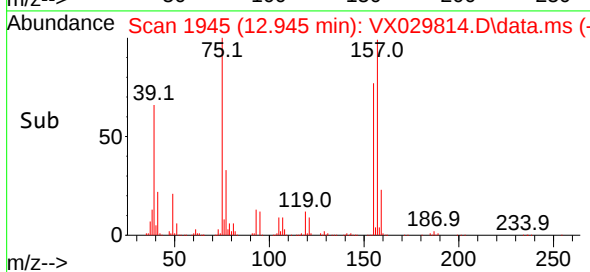
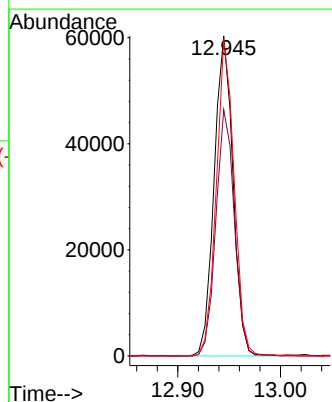
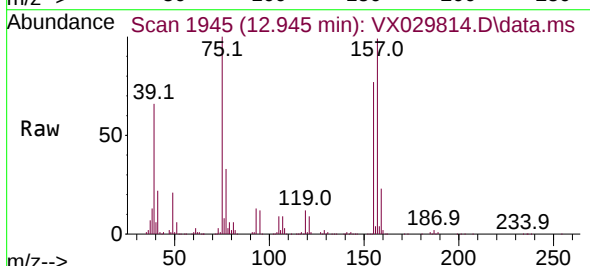
Tgt Ion: 75 Resp: 76943

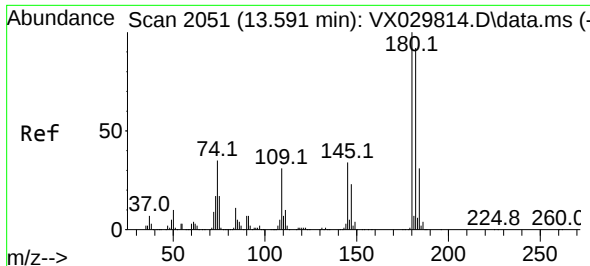
Ion Ratio Lower Upper

75 100

155 75.3 47.0 141.2

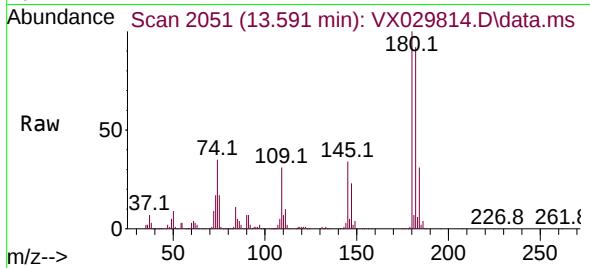
157 93.6 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 51.353 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

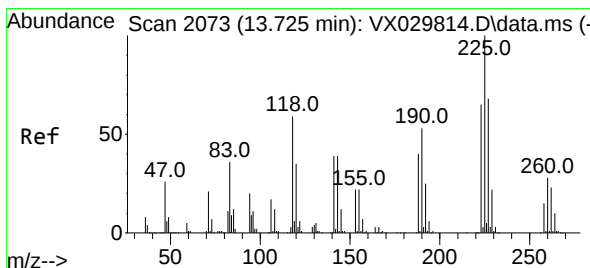
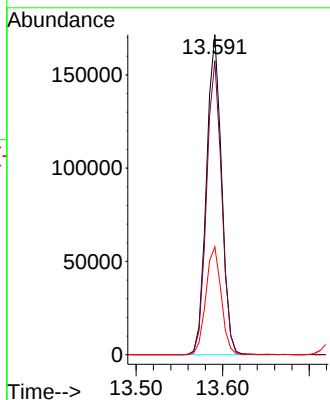
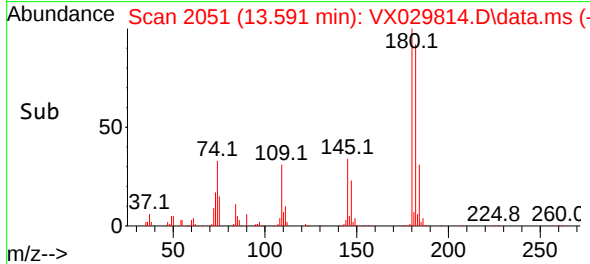
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 20744
Ion Ratio Lower Upper
180 100
182 92.2 47.7 143.1
145 34.3 15.2 45.5

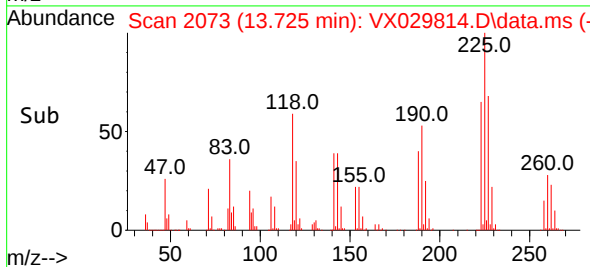
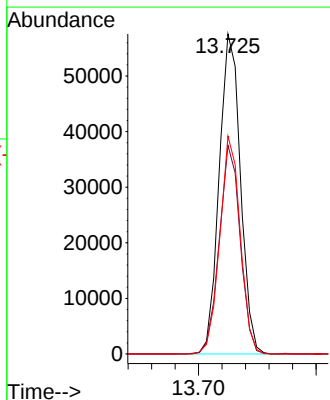
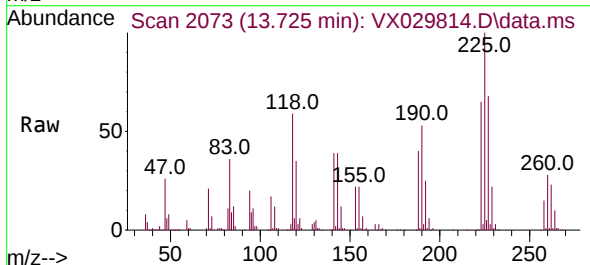
Manual Integrations
APPROVED

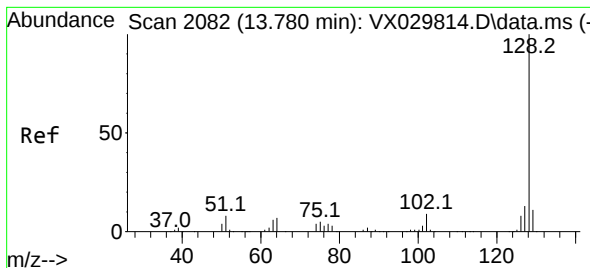
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#94
Hexachlorobutadiene
Concen: 44.932 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

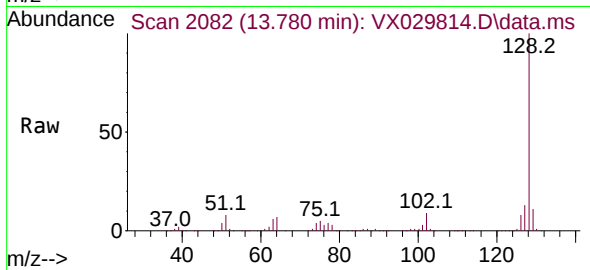
Tgt Ion:225 Resp: 72472
Ion Ratio Lower Upper
225 100
223 64.0 34.2 102.5
227 65.2 33.9 101.7





#95
Naphthalene
Concen: 59.705 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58

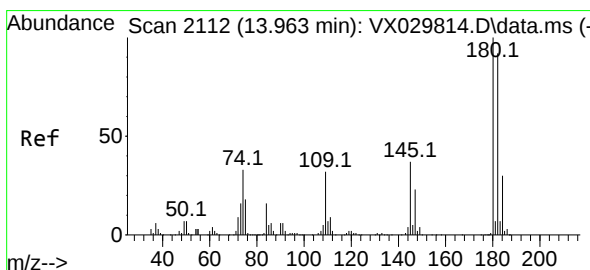
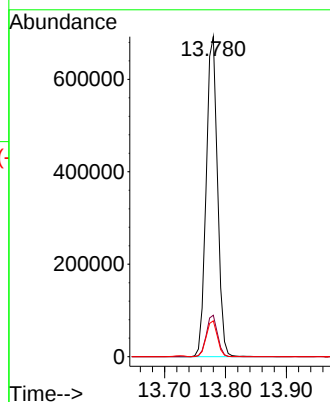
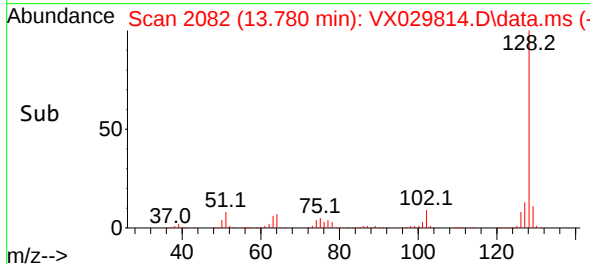
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



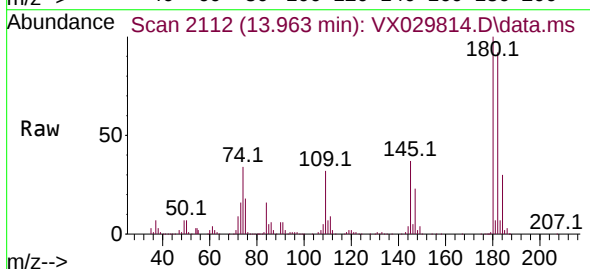
Tgt Ion:128 Resp: 894152
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.696 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029814.D
Acq: 27 Jun 2022 12:58



Tgt Ion:180 Resp: 210202
Ion Ratio Lower Upper
180 100
182 92.9 50.0 149.8
145 37.2 16.2 48.5

