

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029813.D
 Acq On : 27 Jun 2022 12:35
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 27 13:40:26 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	256668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	503423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77210	22.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	44.220%#		
35) Dibromofluoromethane	5.397	113	61633	18.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.940%#		
50) Toluene-d8	8.653	98	251582	20.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.940%#		
62) 4-Bromofluorobenzene	11.085	95	91790	20.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.860%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	69352	22.094	ug/l	99
3) Chloromethane	1.288	50	76496	22.400	ug/l	100
4) Vinyl Chloride	1.374	62	80954	25.230	ug/l	96
5) Bromomethane	1.611	94	21150	14.720	ug/l	93
6) Chloroethane	1.685	64	43601	24.101	ug/l	98
7) Trichlorofluoromethane	1.886	101	89658	20.932	ug/l	98
8) Diethyl Ether	2.136	74	41055	23.683	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	63483	23.172	ug/l	92
10) Methyl Iodide	2.453	142	73307	26.234	ug/l	96
11) Tert butyl alcohol	2.983	59	109001	121.095	ug/l	96
12) 1,1-Dichloroethene	2.319	96	65418	24.382	ug/l	97
13) Acrolein	2.239	56	66257	234.825	ug/l	95
14) Allyl chloride	2.666	41	118823	26.610	ug/l	92
15) Acrylonitrile	3.069	53	241067	141.078	ug/l	99
16) Acetone	2.386	43	188750	130.847	ug/l	97
17) Carbon Disulfide	2.514	76	171383	24.470	ug/l	99
18) Methyl Acetate	2.709	43	109524	28.254	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	216219	23.273	ug/l	96
20) Methylene Chloride	2.794	84	74919	23.793	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	68971	23.590	ug/l	93
22) Diisopropyl ether	3.764	45	235557	26.614	ug/l	87
23) Vinyl Acetate	3.727	43	1030651	138.560	ug/l	94
24) 1,1-Dichloroethane	3.611	63	128230	24.584	ug/l	100
25) 2-Butanone	4.568	43	326176	140.986	ug/l	94
26) 2,2-Dichloropropane	4.477	77	87626	22.122	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	82149	23.961	ug/l	99
28) Bromochloromethane	4.898	49	50867	25.748	ug/l	88
29) Tetrahydrofuran	5.013	42	217202	140.480	ug/l	89
30) Chloroform	5.099	83	125439	23.177	ug/l	95
31) Cyclohexane	5.477	56	119628	24.542	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	96440	20.581	ug/l	96
36) 1,1-Dichloropropene	5.702	75	95076	21.245	ug/l	98
37) Ethyl Acetate	4.721	43	122703	25.845	ug/l	99
38) Carbon Tetrachloride	5.678	117	78368	18.389	ug/l	94
39) Methylcyclohexane	7.385	83	122166	21.915	ug/l	90
40) Benzene	6.044	78	306173	22.845	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	65525	26.058	ug/l	92
42) 1,2-Dichloroethane	6.092	62	97483	21.375	ug/l	99
43) Isopropyl Acetate	6.342	43	181917	24.765	ug/l	97
44) Trichloroethene	7.129	130	72508	16.247	ug/l	95
45) 1,2-Dichloropropane	7.434	63	78110	23.564	ug/l	99
46) Dibromomethane	7.586	93	51304	22.044	ug/l #	87
47) Bromodichloromethane	7.824	83	92919	20.885	ug/l	95
48) Methyl methacrylate	7.696	41	89477	24.884	ug/l	89
49) 1,4-Dioxane	7.684	88	43053	471.299	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	619531	130.279	ug/l	94
52) Toluene	8.720	92	182517	21.649	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	101557	22.405	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	113305	22.145	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	76149	22.239	ug/l	95
56) Ethyl methacrylate	9.122	69	126452	24.087	ug/l	91
57) 1,3-Dichloropropane	9.311	76	127860	22.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	288188	116.287	ug/l	93
59) 2-Hexanone	9.433	43	481648	132.890	ug/l	91
60) Dibromochloromethane	9.525	129	64621	19.871	ug/l	96
61) 1,2-Dibromoethane	9.610	107	76521	21.602	ug/l	99
64) Tetrachloroethene	9.275	164	50117	16.242	ug/l #	84
65) Chlorobenzene	10.079	112	190527	21.947	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60457	19.704	ug/l	94
67) Ethyl Benzene	10.195	91	345682	21.951	ug/l	98
68) m/p-Xylenes	10.305	106	263043	43.118	ug/l	97
69) o-Xylene	10.646	106	129499	21.546	ug/l	96
70) Styrene	10.659	104	214881	21.899	ug/l	98
71) Bromoform	10.799	173	40945	19.007	ug/l #	99
73) Isopropylbenzene	10.963	105	326135	22.247	ug/l	100
74) N-amyl acetate	10.842	43	158844	29.314	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	126641	25.867	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	112875m	25.821	ug/l	
77) Bromobenzene	11.201	156	69770	21.140	ug/l	80
78) n-propylbenzene	11.305	91	394332	23.501	ug/l	98
79) 2-Chlorotoluene	11.366	91	232495	22.603	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	274346	22.383	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	34879	25.642	ug/l	88
82) 4-Chlorotoluene	11.457	91	267506	22.784	ug/l	97
83) tert-Butylbenzene	11.719	119	266228	22.186	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	273934	22.296	ug/l	99
85) sec-Butylbenzene	11.890	105	343224	22.913	ug/l	98
86) p-Isopropyltoluene	12.012	119	278413	22.355	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132552	21.006	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	135219	21.465	ug/l	96
89) n-Butylbenzene	12.335	91	249763	23.286	ug/l	97
90) Hexachloroethane	12.542	117	40474	22.456	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	133754	21.584	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27039	24.642	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	75094	20.068	ug/l	97
94) Hexachlorobutadiene	13.725	225	27023	18.086	ug/l	96
95) Naphthalene	13.780	128	330728	23.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77123	20.475	ug/l	92

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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

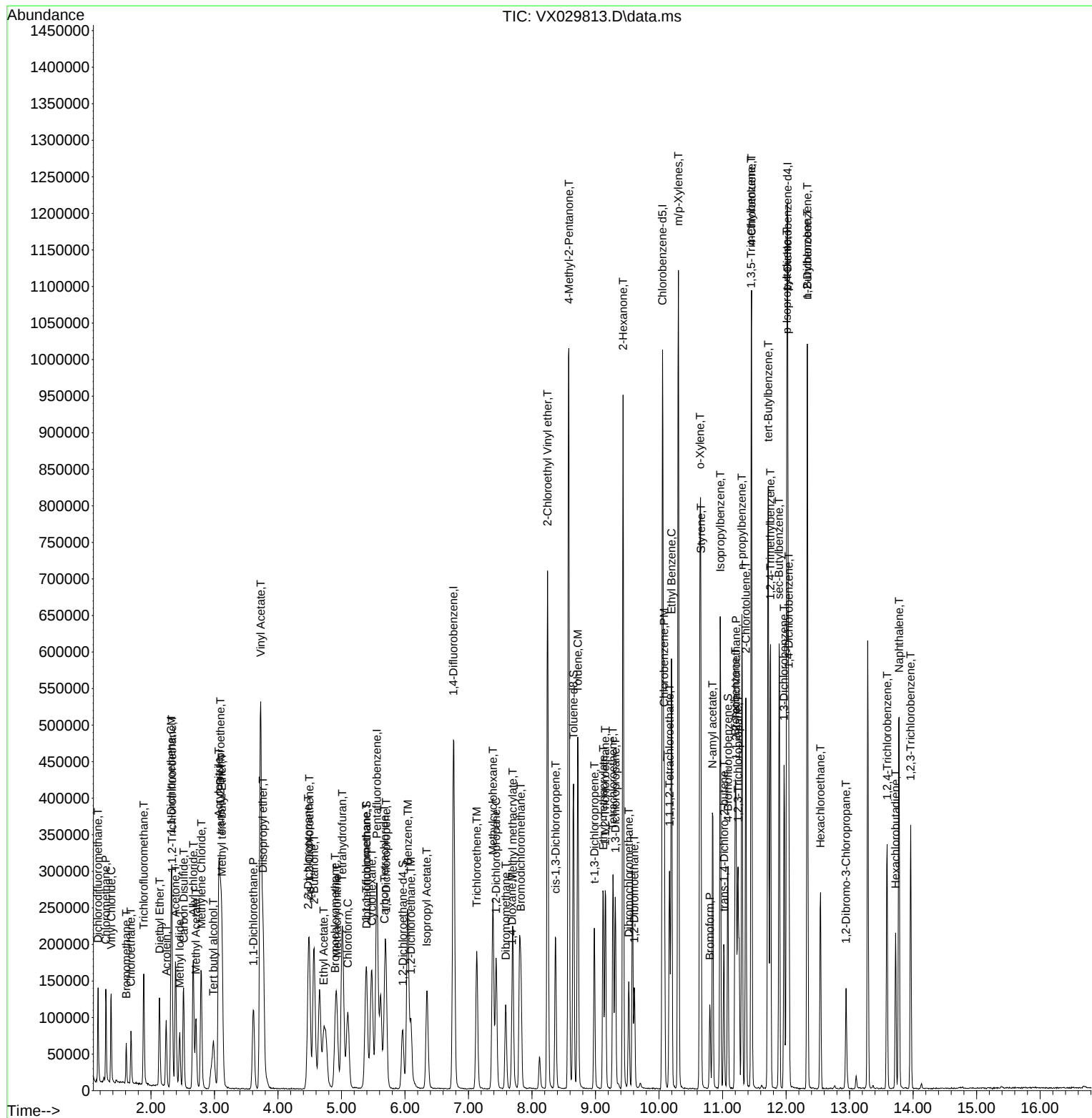
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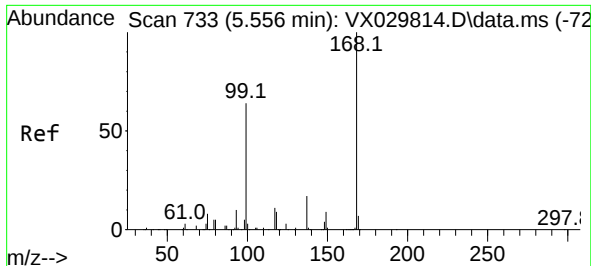
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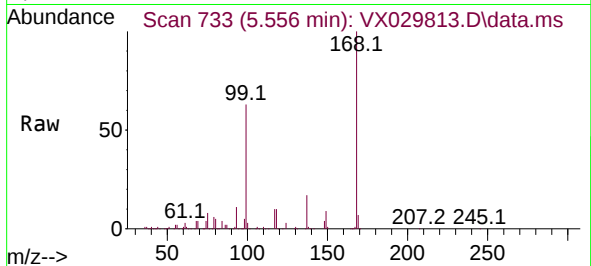
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

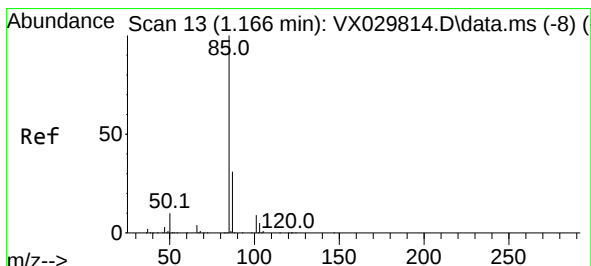
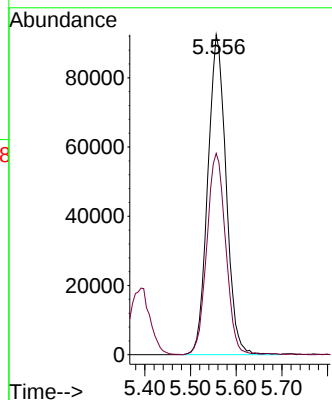
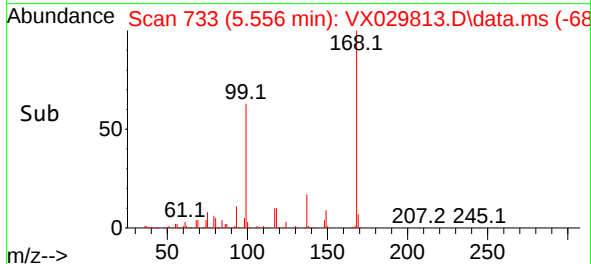
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 25666
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5

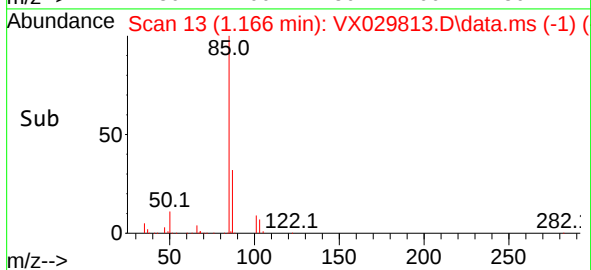
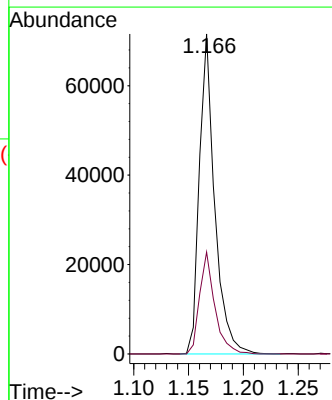
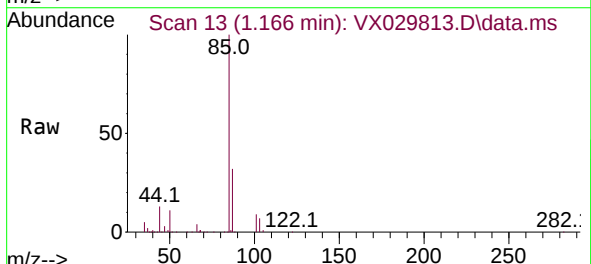
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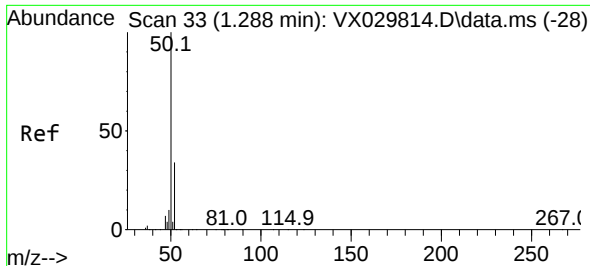
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 22.094 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

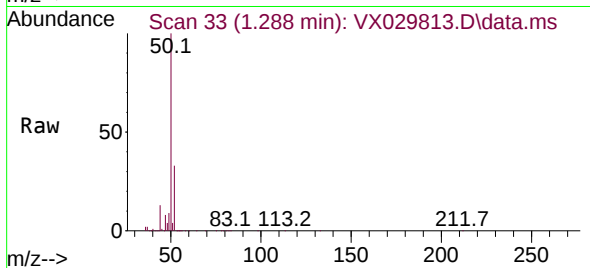
Tgt Ion: 85 Resp: 69352
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





#3
Chloromethane
Concen: 22.400 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

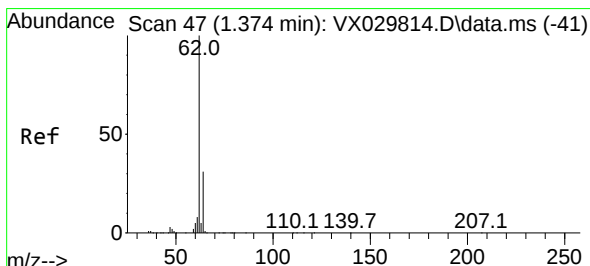
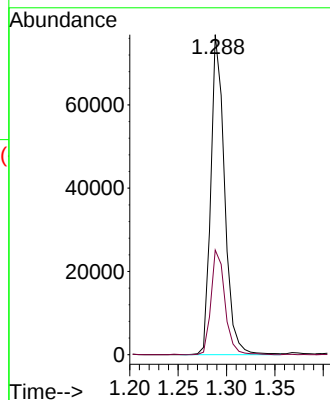
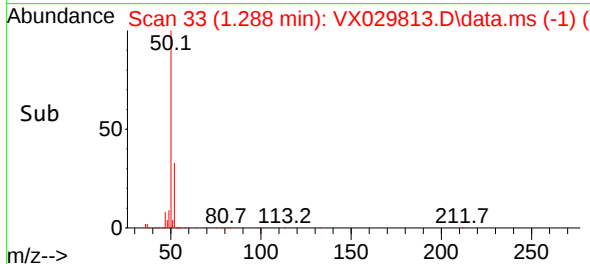
Instrument :
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Tgt Ion: 50 Resp: 76490
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6

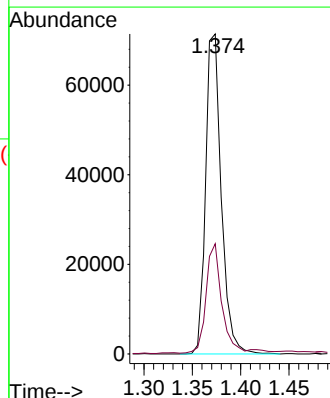
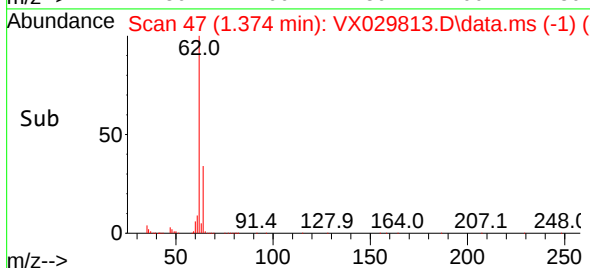
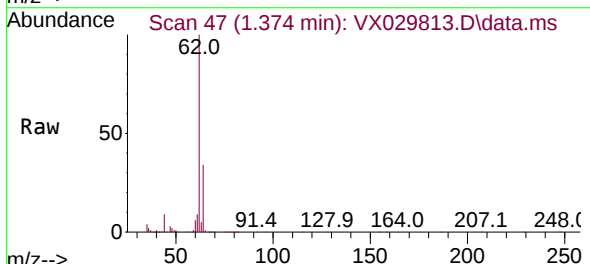
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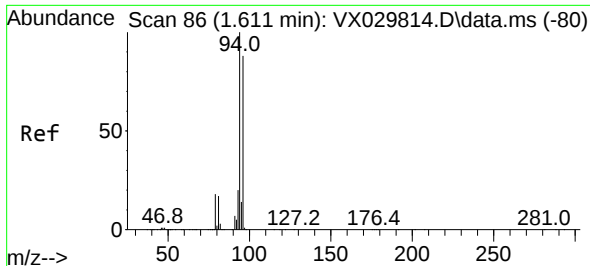
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Vinyl Chloride
Concen: 25.230 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

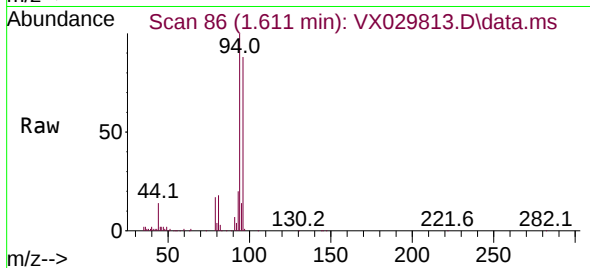
Tgt Ion: 62 Resp: 80954
Ion Ratio Lower Upper
62 100
64 34.2 25.5 38.3





#5
Bromomethane
Concen: 14.720 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

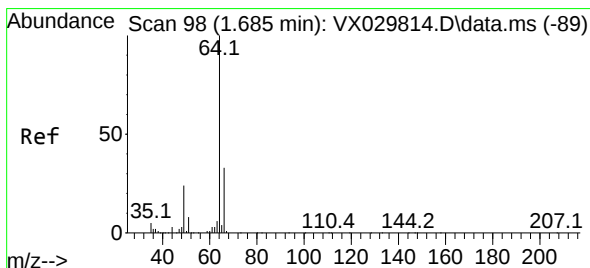
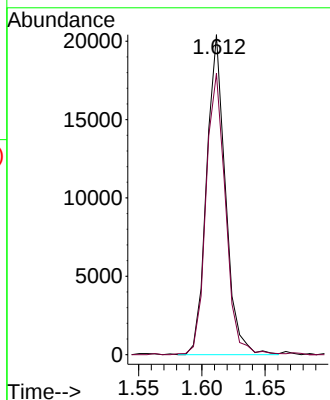
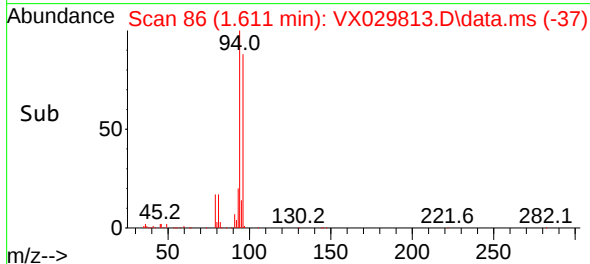
Instrument :
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Client Sample Id :
VSTDIC020



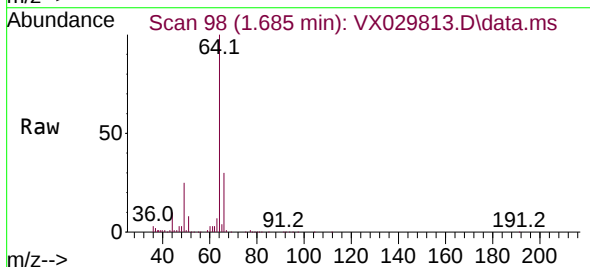
Tgt Ion: 94 Resp: 21150
Ion Ratio Lower Upper
94 100
96 87.6 75.3 112.9

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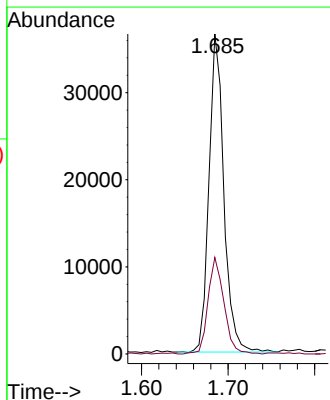
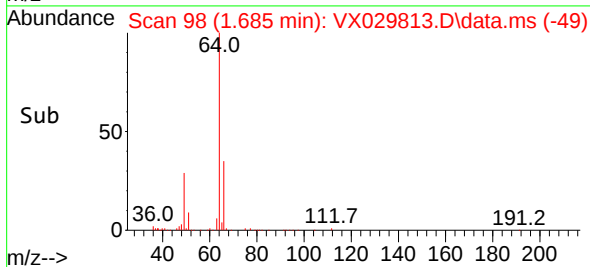
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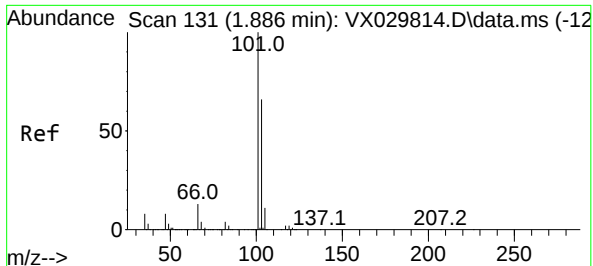


#6
Chloroethane
Concen: 24.101 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



Tgt Ion: 64 Resp: 43601
Ion Ratio Lower Upper
64 100
66 30.3 25.3 37.9





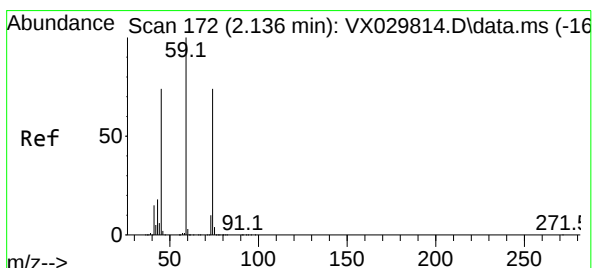
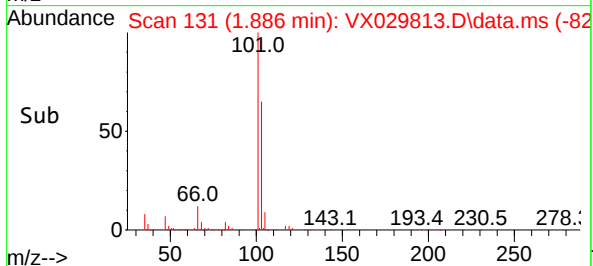
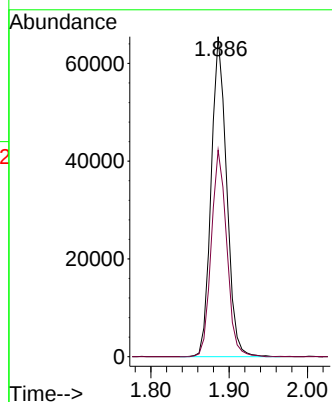
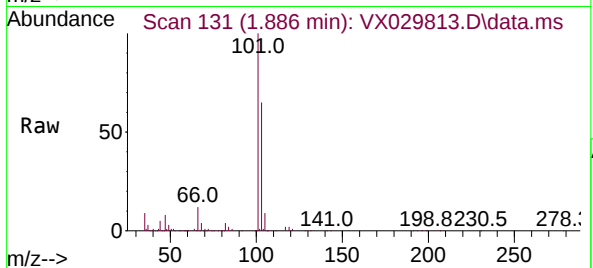
#7
Trichlorofluoromethane
Concen: 20.932 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 89658
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

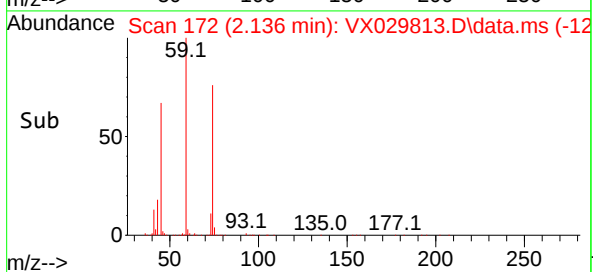
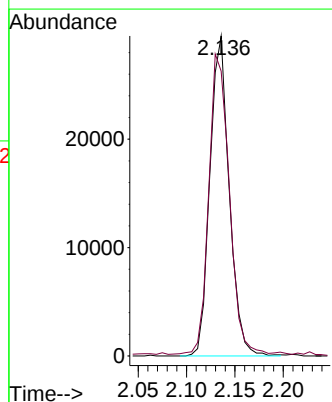
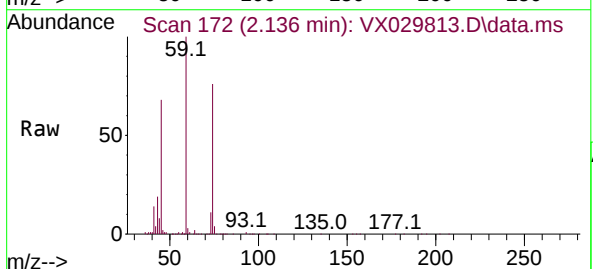
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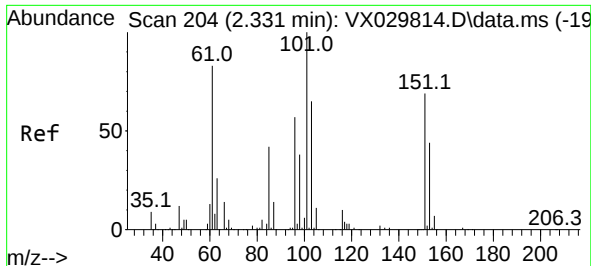
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Diethyl Ether
Concen: 23.683 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 74 Resp: 41055
Ion Ratio Lower Upper
74 100
45 99.9 42.0 126.0





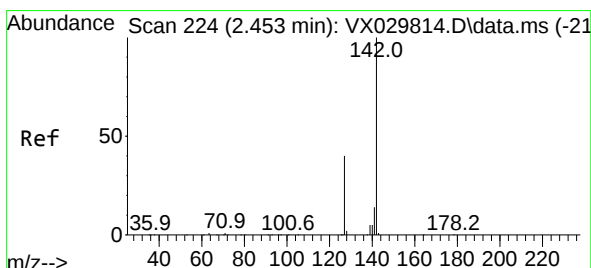
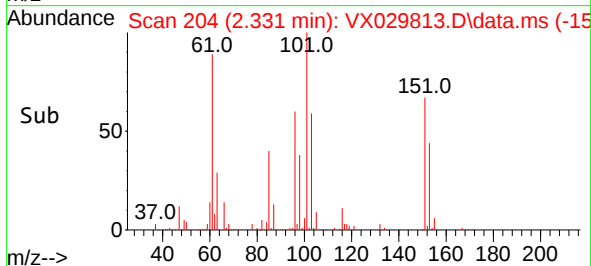
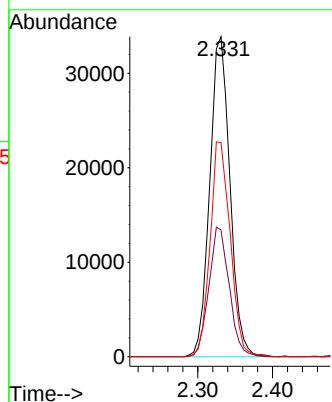
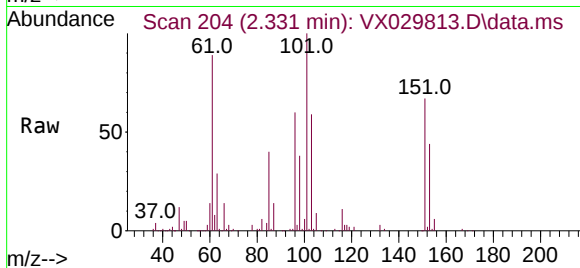
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.172 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6348
Ion Ratio Lower Upper
101 100
85 40.9 33.5 50.3
151 67.1 61.8 92.6

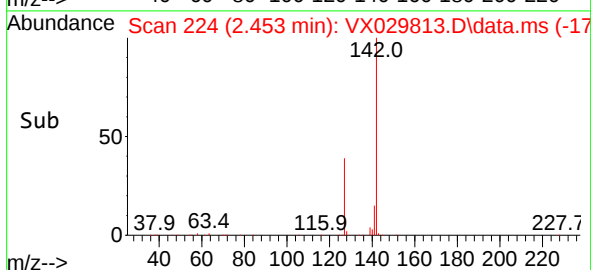
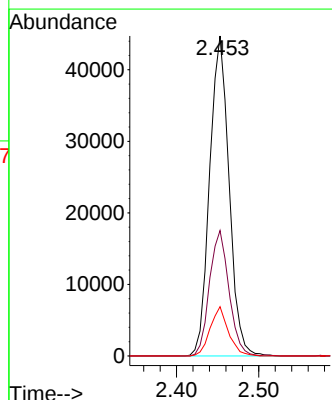
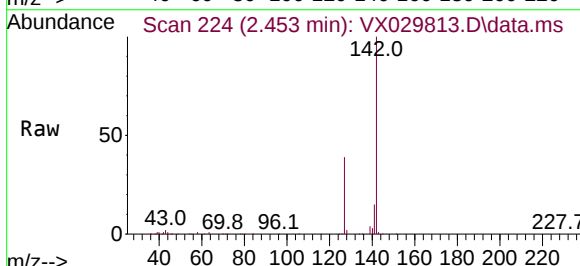
Manual Integrations
APPROVED

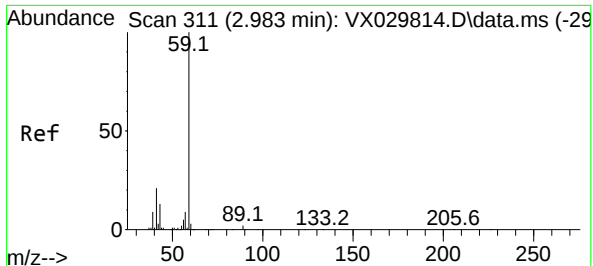
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Methyl Iodide
Concen: 26.234 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

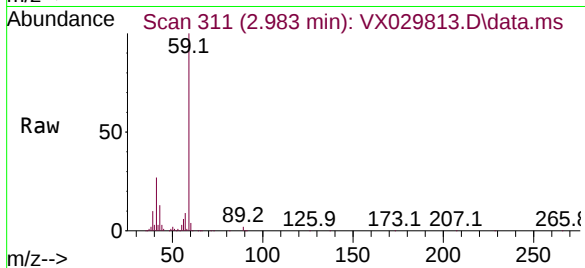
Tgt Ion:142 Resp: 73307
Ion Ratio Lower Upper
142 100
127 39.3 33.9 50.9
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 121.095 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

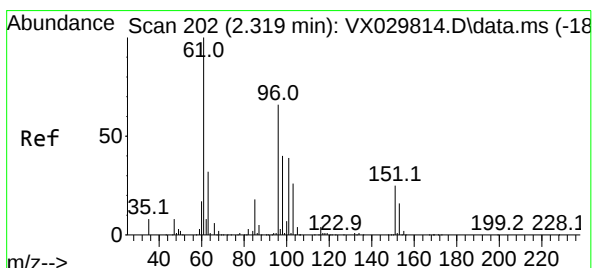
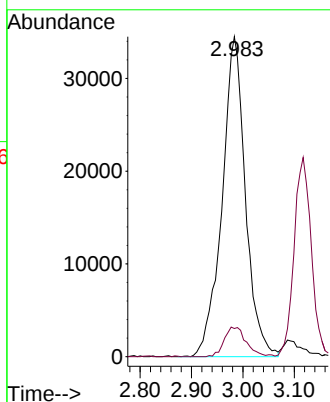
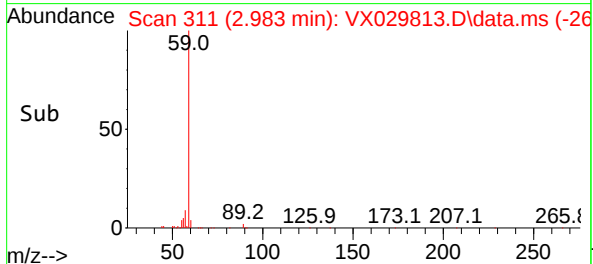
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



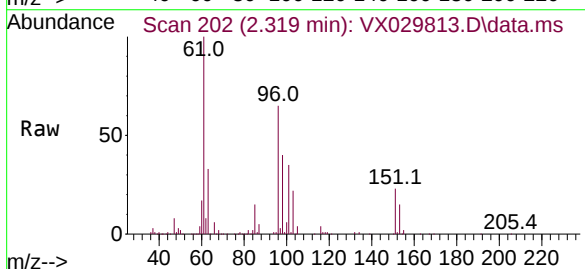
Tgt Ion: 59 Resp: 10900
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5

Manual Integrations
APPROVED

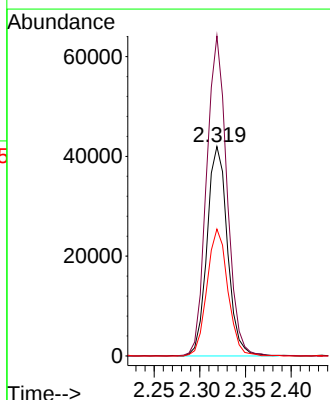
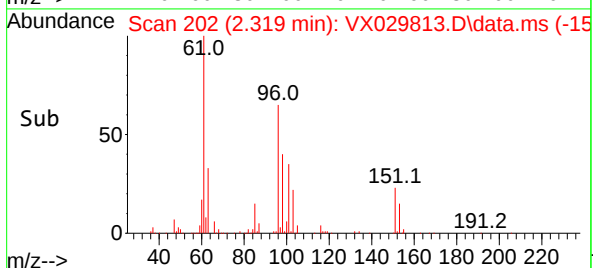
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

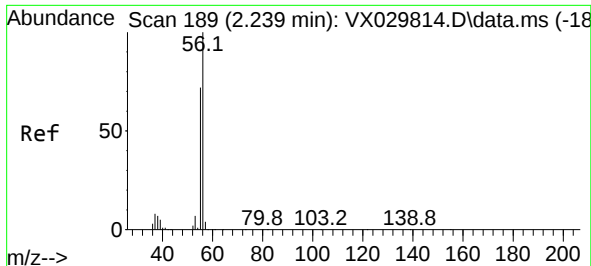


#12
1,1-Dichloroethene
Concen: 24.382 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



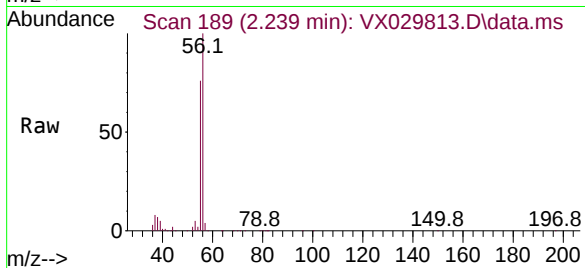
Tgt Ion: 96 Resp: 65418
Ion Ratio Lower Upper
96 100
61 152.6 124.6 187.0
98 60.5 51.0 76.4





#13
Acrolein
Concen: 234.825 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

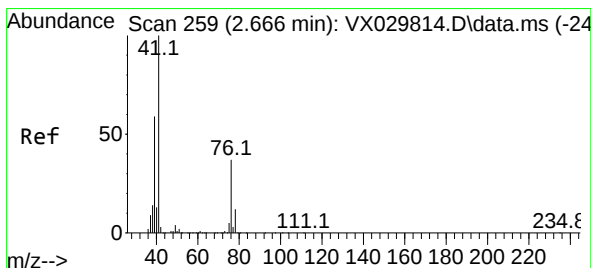
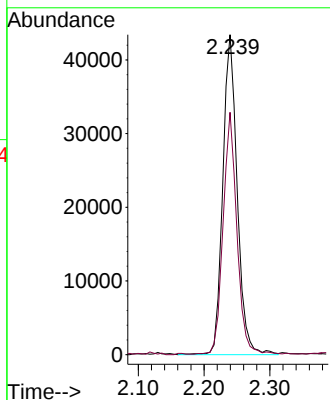
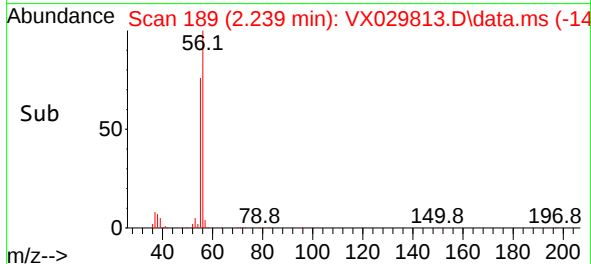
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



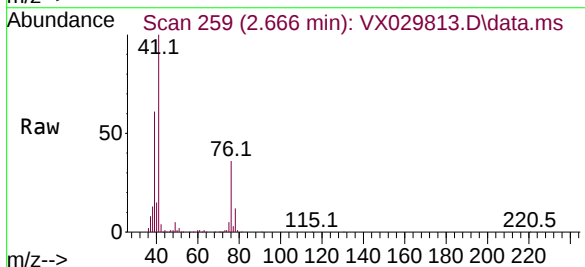
Tgt Ion: 56 Resp: 6625
Ion Ratio Lower Upper
56 100
55 72.5 55.0 82.6

Manual Integrations
APPROVED

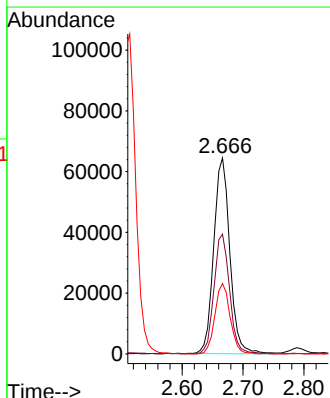
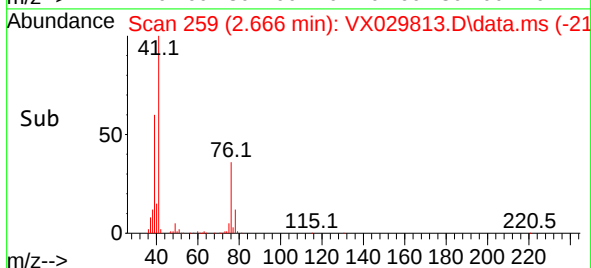
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

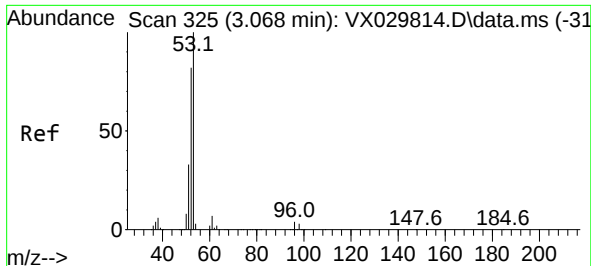


#14
Allyl chloride
Concen: 26.610 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



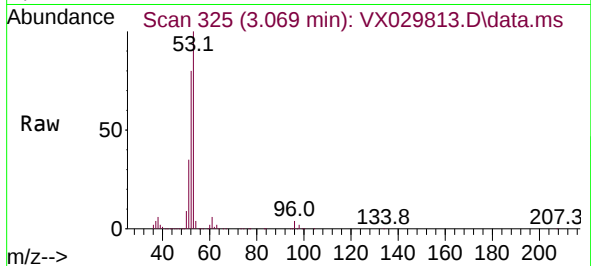
Tgt Ion: 41 Resp: 118823
Ion Ratio Lower Upper
41 100
39 58.5 50.4 75.6
76 34.0 32.7 49.1





#15
Acrylonitrile
Concen: 141.078 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

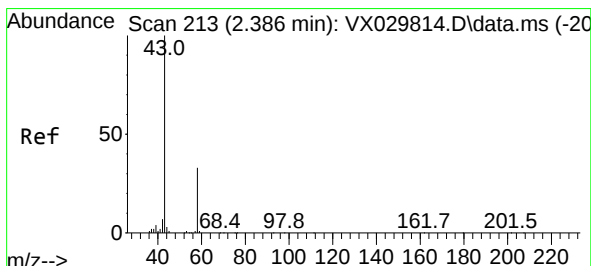
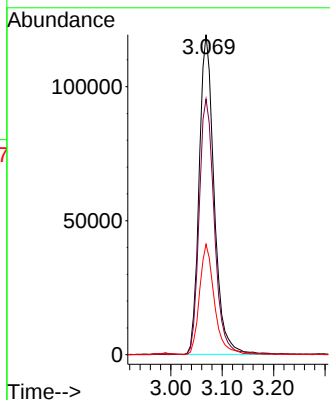
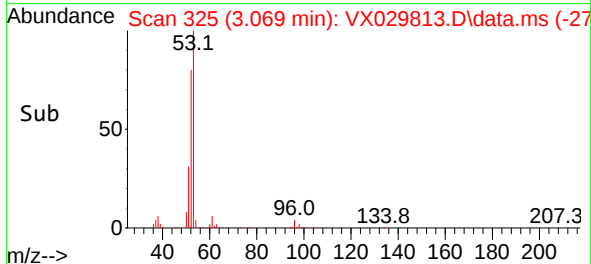
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 24106
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.1 28.4 42.6

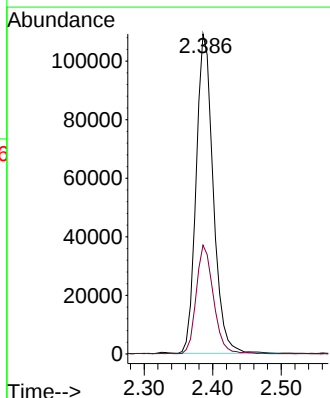
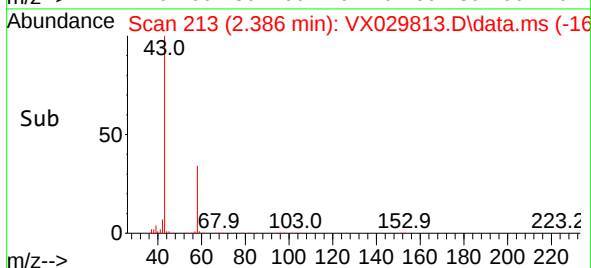
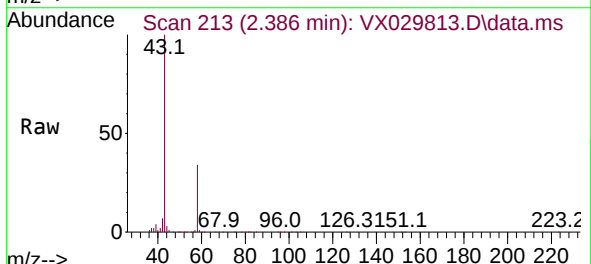
Manual Integrations
APPROVED

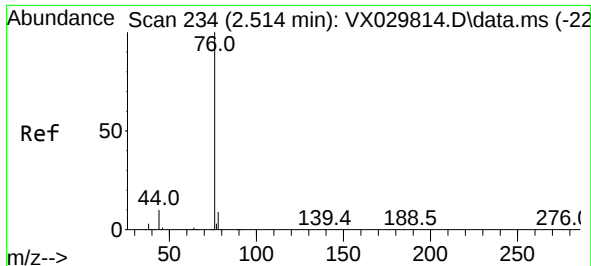
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Acetone
Concen: 130.847 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 43 Resp: 188750
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2





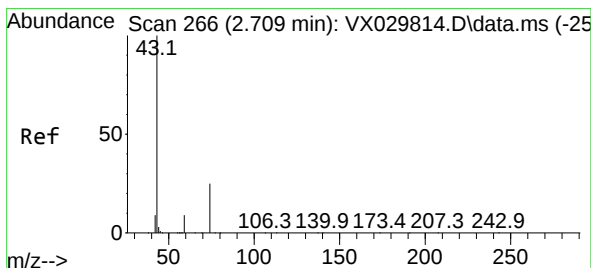
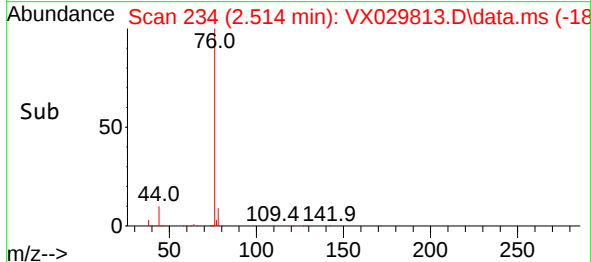
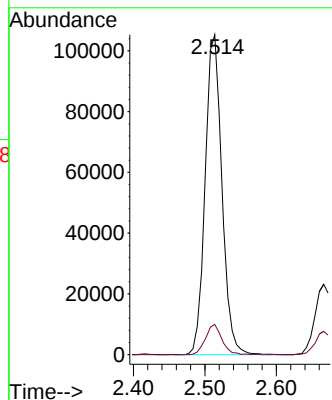
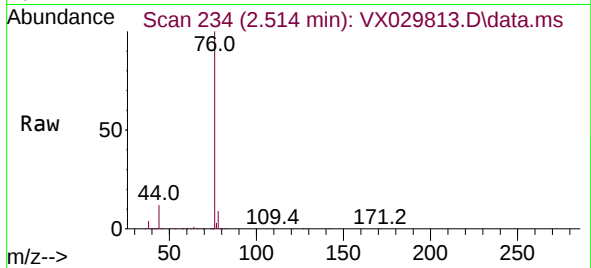
#17
Carbon Disulfide
Concen: 24.470 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 17138
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

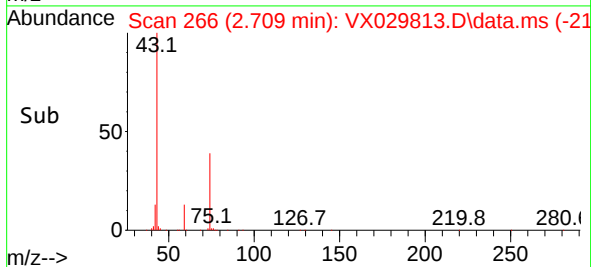
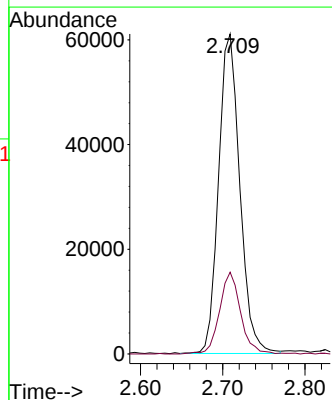
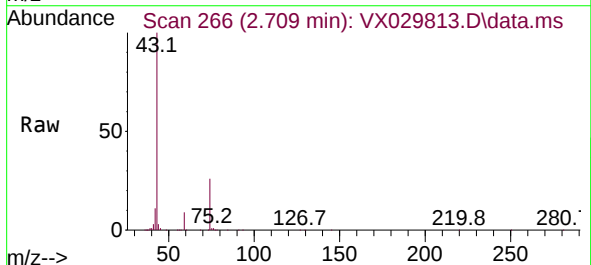
Manual Integrations
APPROVED

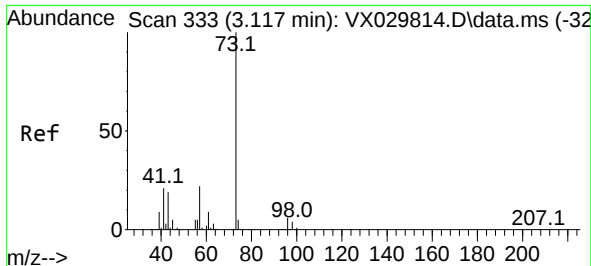
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 28.254 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 43 Resp: 109524
Ion Ratio Lower Upper
43 100
74 25.5 22.8 34.2





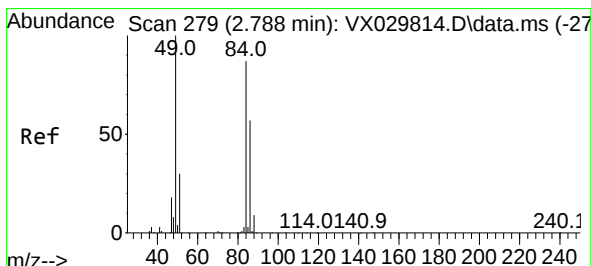
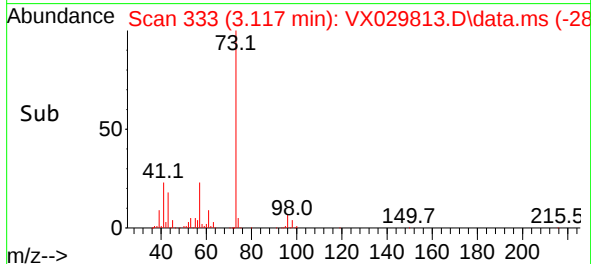
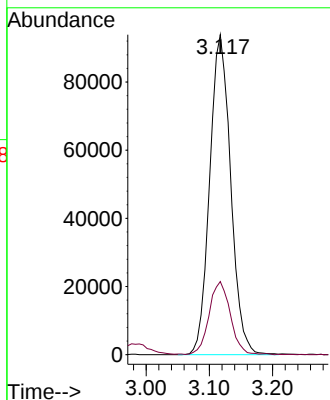
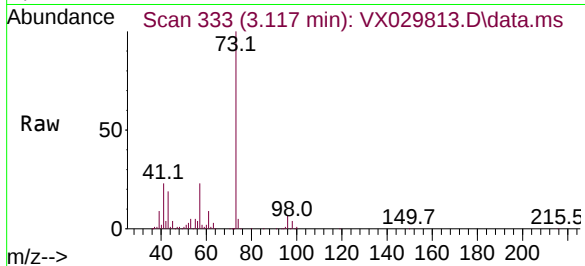
#19
Methyl tert-butyl Ether
Concen: 23.273 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 216219
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

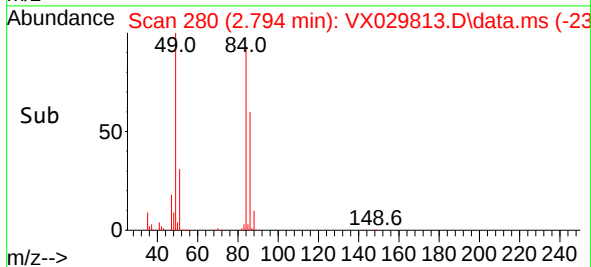
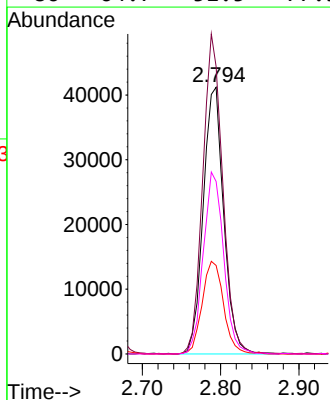
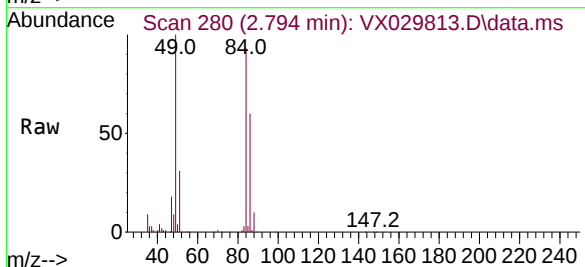
Manual Integrations
APPROVED

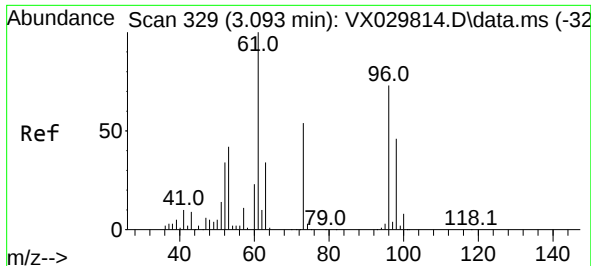
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 23.793 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

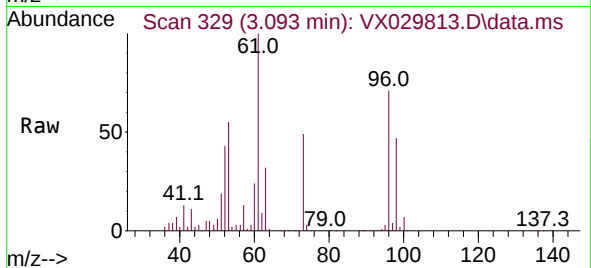
Tgt Ion: 84 Resp: 74919
Ion Ratio Lower Upper
84 100
49 107.8 85.5 128.3
51 33.2 26.6 39.8
86 64.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 23.590 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

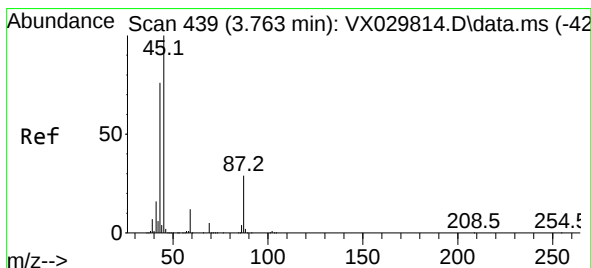
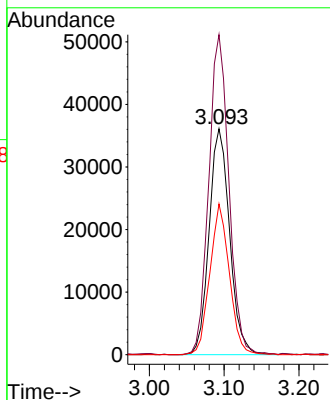
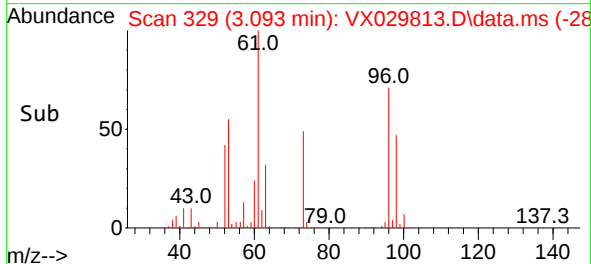
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 6897
Ion Ratio Lower Upper
96 100
61 141.7 105.4 158.2
98 66.8 50.0 75.0

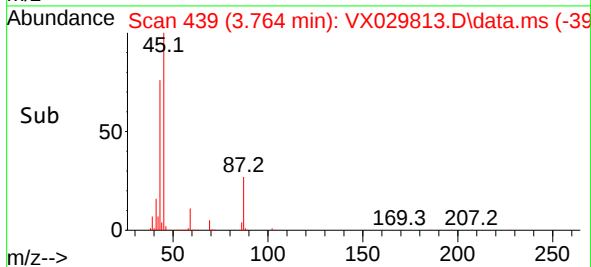
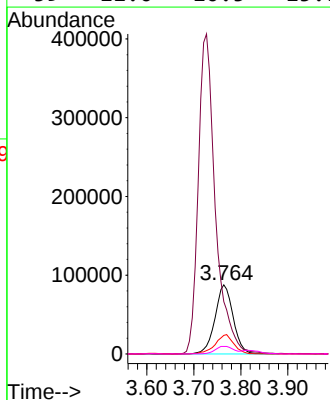
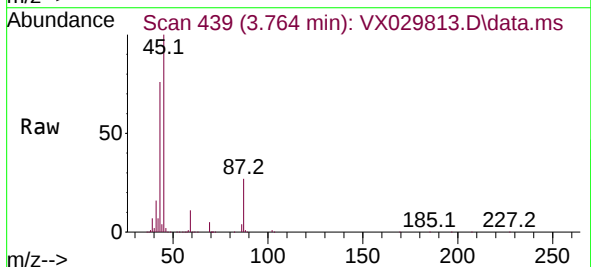
Manual Integrations
APPROVED

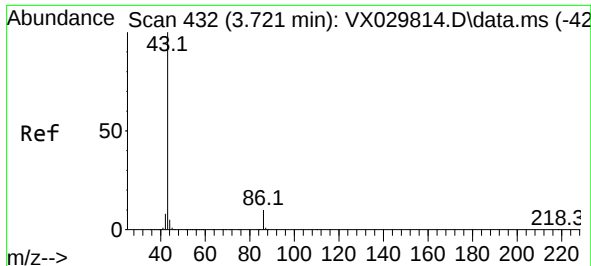
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
Diisopropyl ether
Concen: 26.614 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

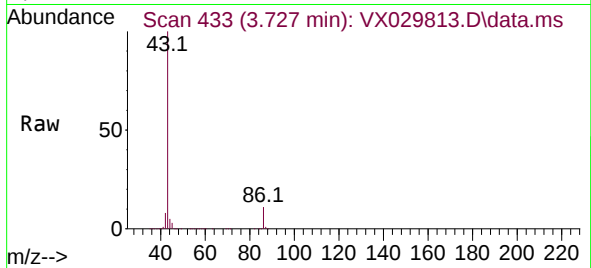
Tgt Ion: 45 Resp: 235557
Ion Ratio Lower Upper
45 100
43 75.4 50.8 76.2
87 26.9 26.6 39.8
59 11.0 10.5 15.7





#23
 Vinyl Acetate
 Concen: 138.560 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX029813.D
 Acq: 27 Jun 2022 12:35

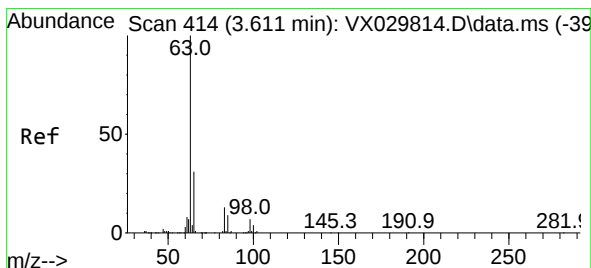
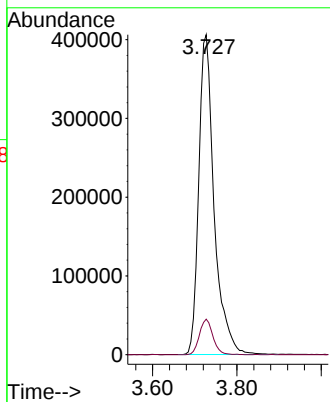
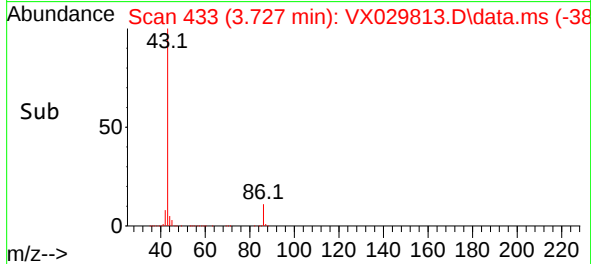
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



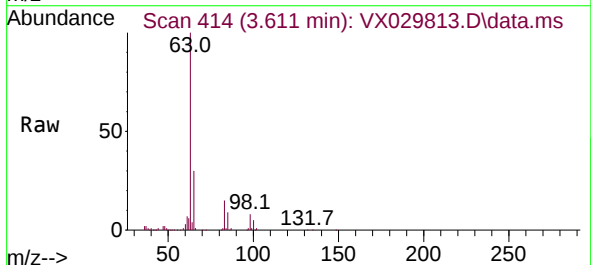
Tgt Ion: 43 Resp: 103065
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.8 16.2

Manual Integrations
 APPROVED

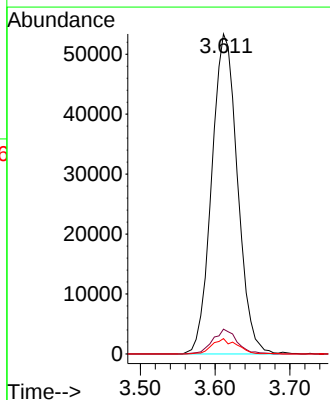
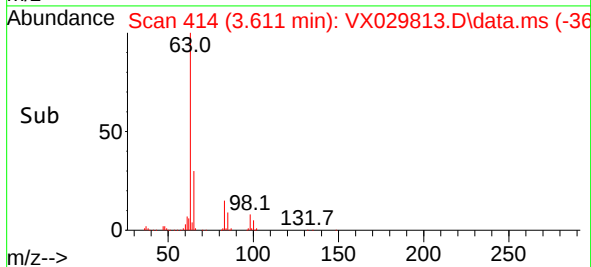
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

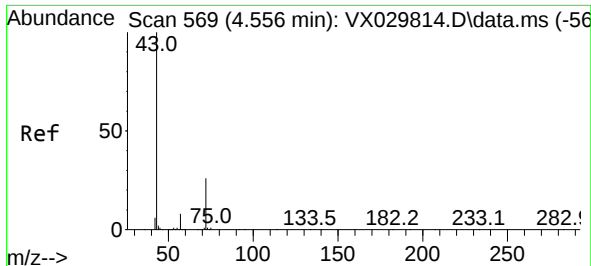


#24
 1,1-Dichloroethane
 Concen: 24.584 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029813.D
 Acq: 27 Jun 2022 12:35



Tgt Ion: 63 Resp: 128230
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.8 2.4 7.2





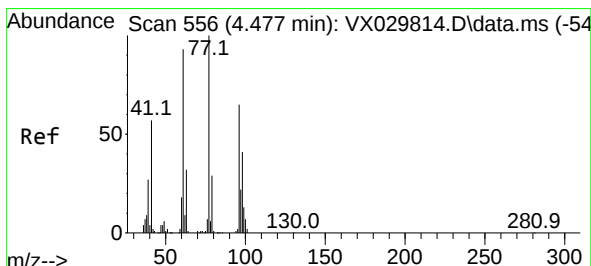
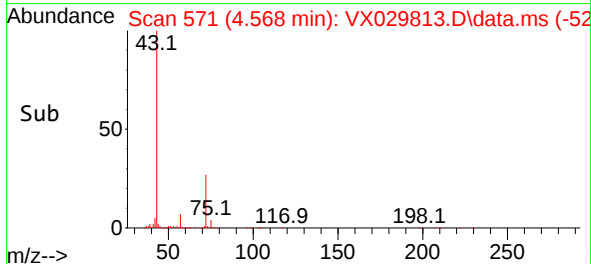
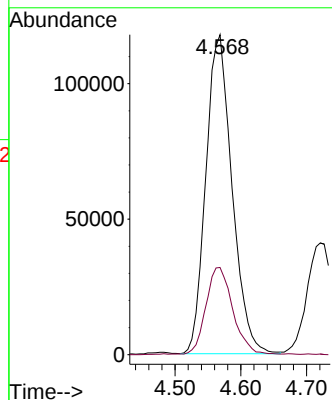
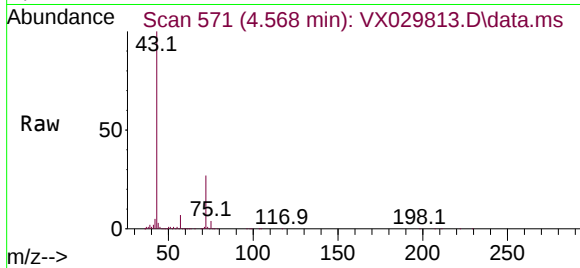
#25
2-Butanone
Concen: 140.986 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 326170
Ion Ratio Lower Upper
43 100
72 27.2 24.4 36.6

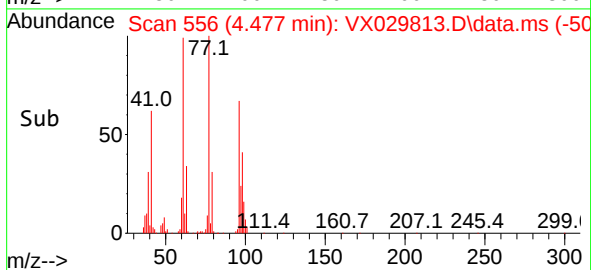
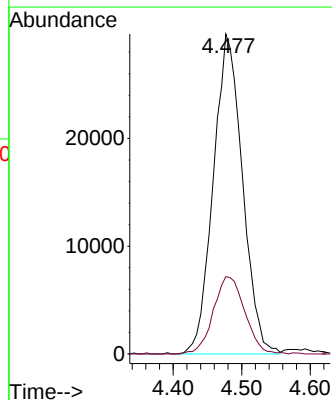
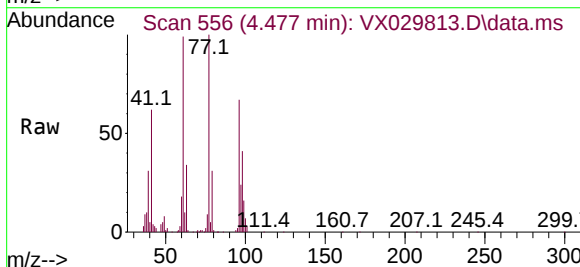
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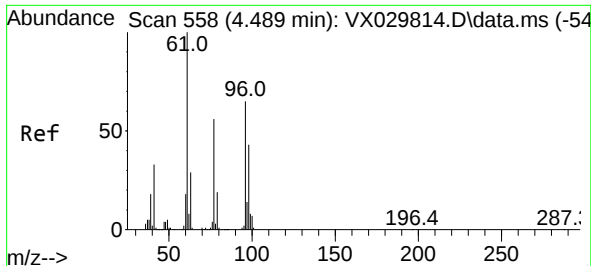
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
2,2-Dichloropropane
Concen: 22.122 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 77 Resp: 87626
Ion Ratio Lower Upper
77 100
97 26.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 23.961 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

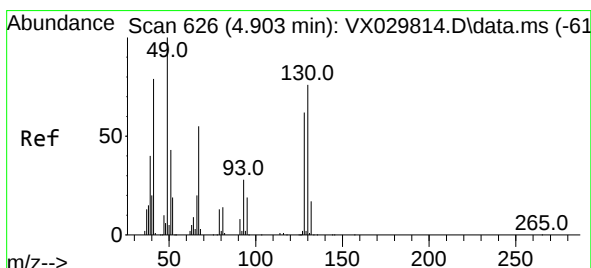
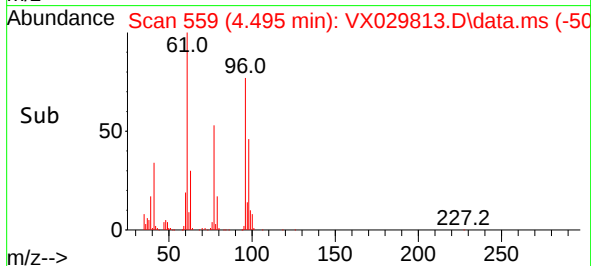
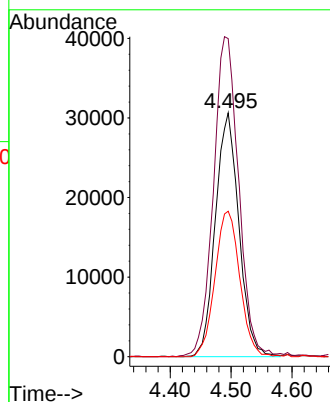
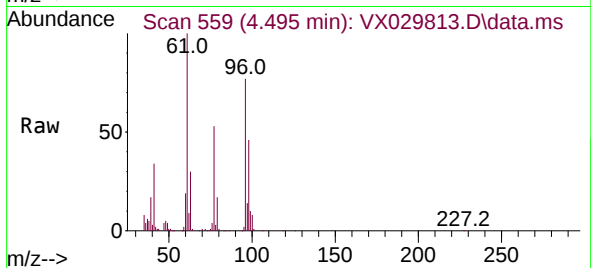
Tgt Ion: 96	Resp: 82149
Ion Ratio	Lower Upper
96 100	
61 140.9	0.0 283.8
98 63.1	0.0 129.8

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

Bromochloromethane

Concen: 25.748 ug/l

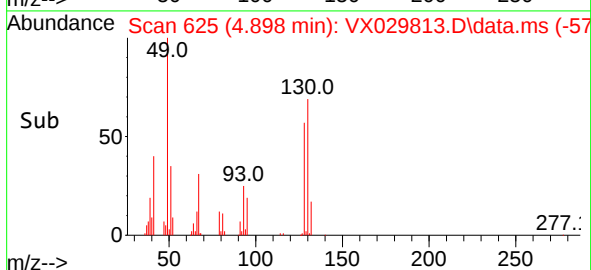
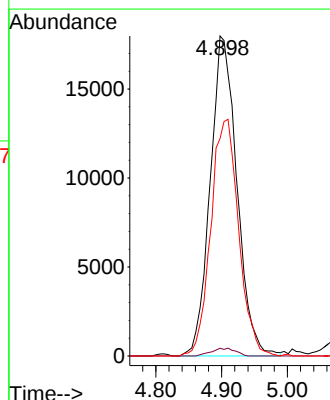
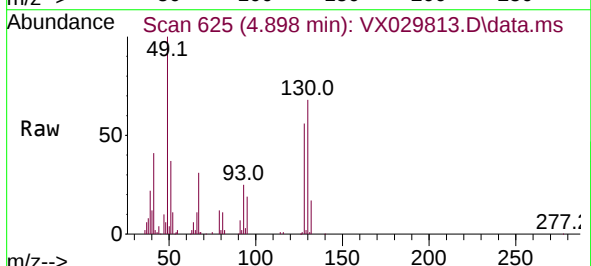
RT: 4.898 min Scan# 625

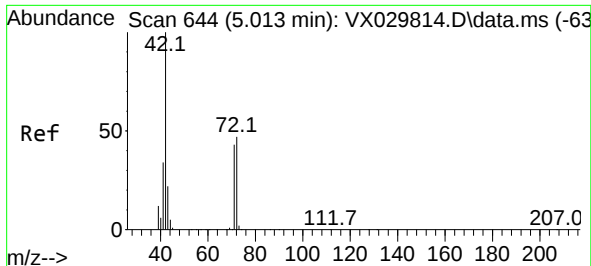
Delta R.T. -0.006 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Tgt Ion: 49	Resp: 50867
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.4
130 76.7	70.7 106.1





#29

Tetrahydrofuran

Concen: 140.480 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 21720

Ion Ratio Lower Upper

42 100

72 46.6 44.1 66.1

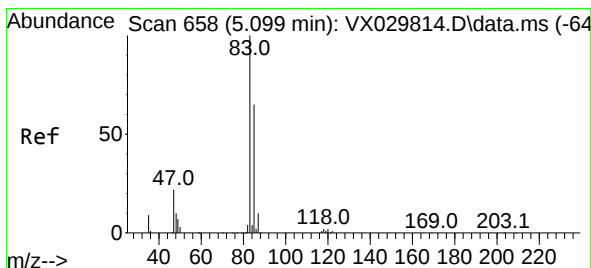
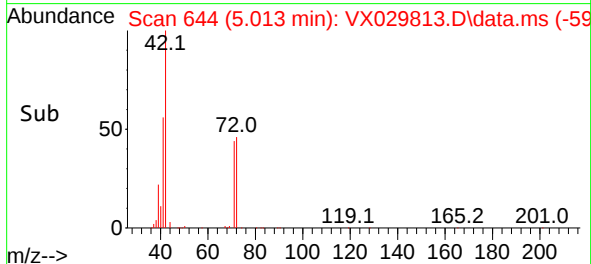
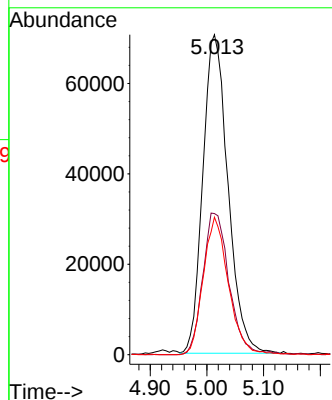
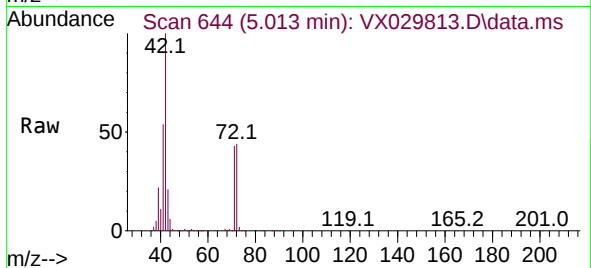
71 43.2 40.5 60.7

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 23.177 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX029813.D

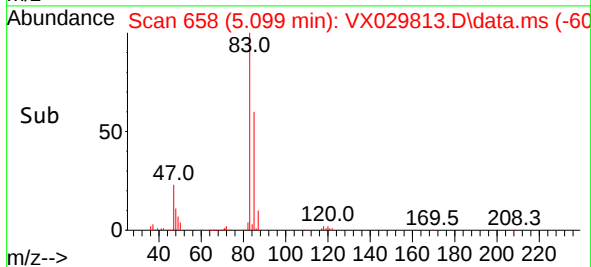
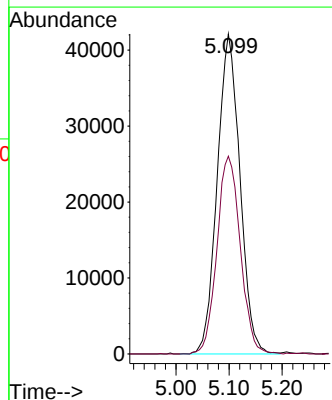
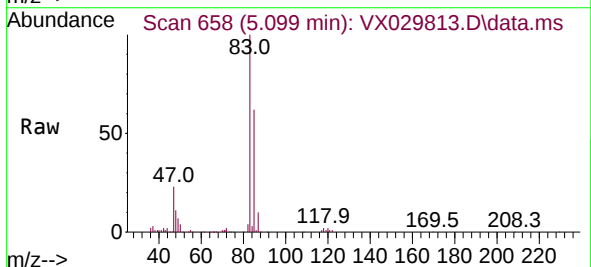
Acq: 27 Jun 2022 12:35

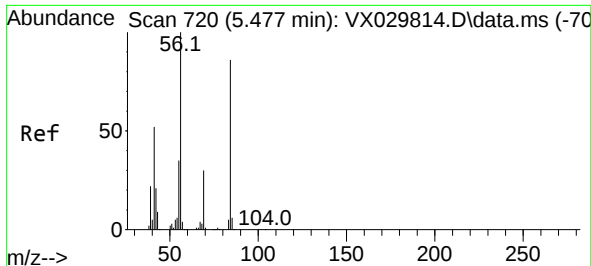
Tgt Ion: 83 Resp: 125439

Ion Ratio Lower Upper

83 100

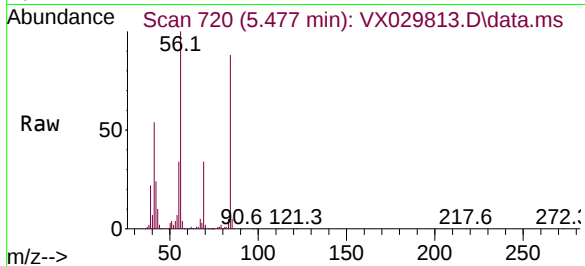
85 61.8 52.7 79.1





#31
Cyclohexane
Concen: 24.542 ug/l
RT: 5.477 min Scan# 712
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

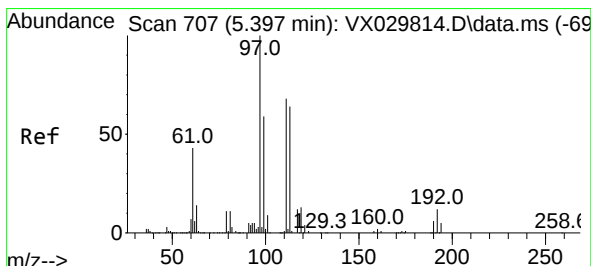
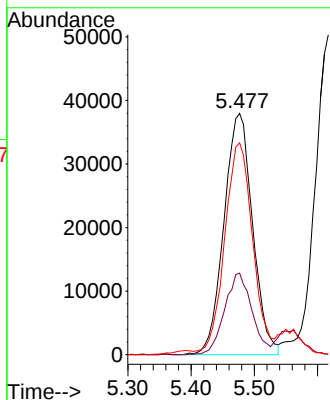
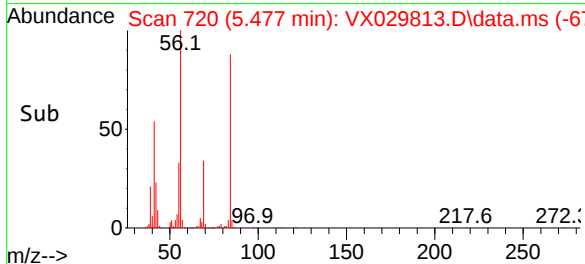
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



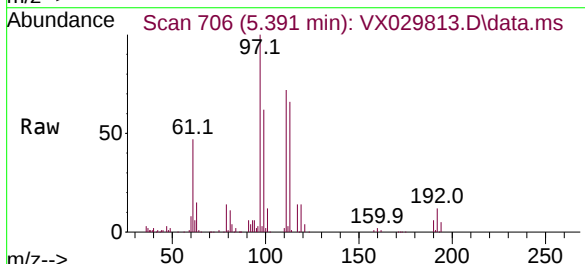
Tgt Ion: 56 Resp: 119628
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 86.5 77.2 115.8

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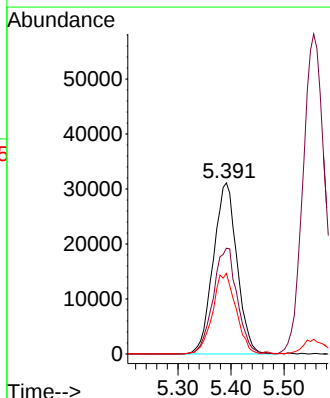
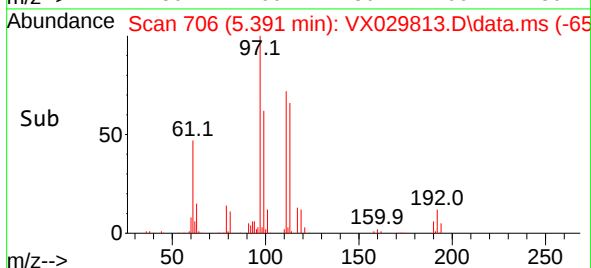
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

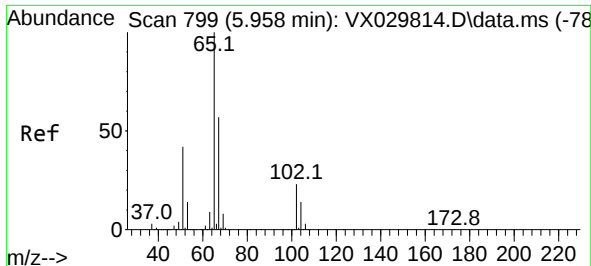


#32
1,1,1-Trichloroethane
Concen: 20.581 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



Tgt Ion: 97 Resp: 96440
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 46.7 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 22.112 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 77210

Ion Ratio Lower Upper

65 100

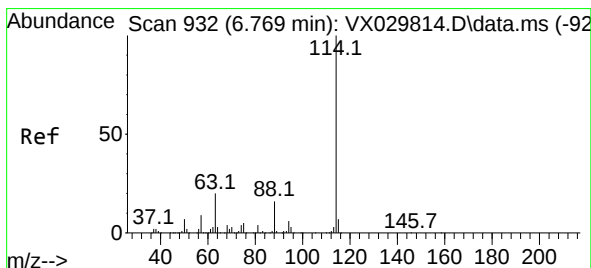
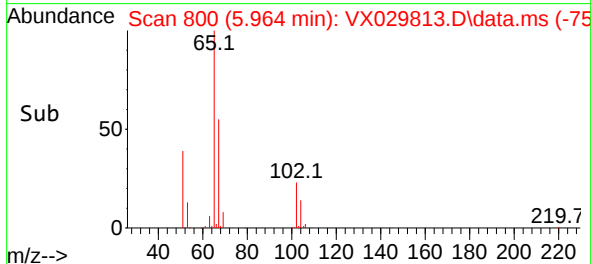
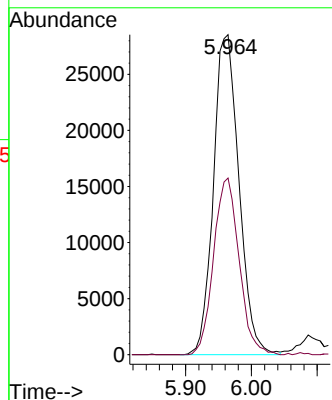
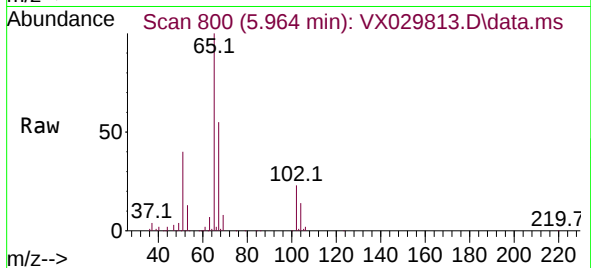
67 55.0 0.0 107.4

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

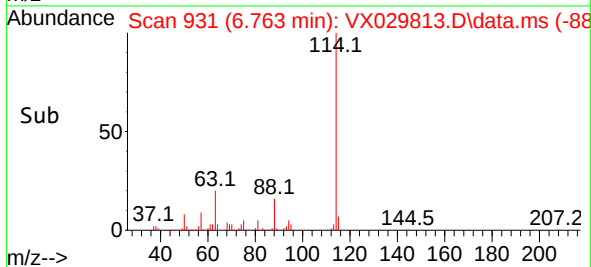
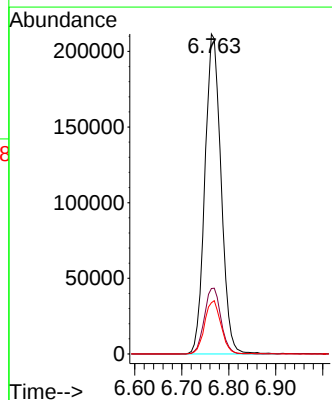
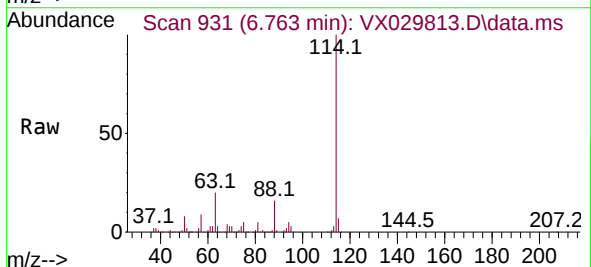
Tgt Ion:114 Resp: 503423

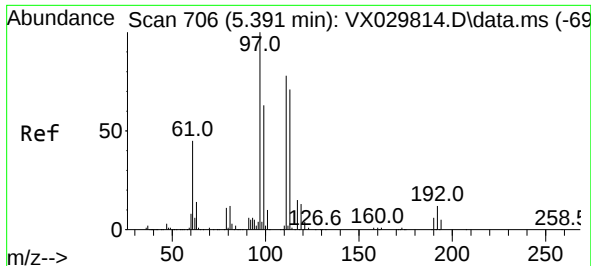
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

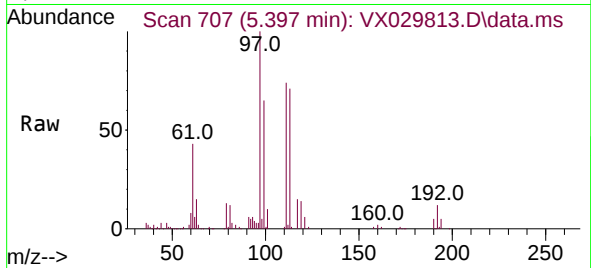
88 16.0 0.0 32.4





#35
Dibromofluoromethane
Concen: 18.967 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

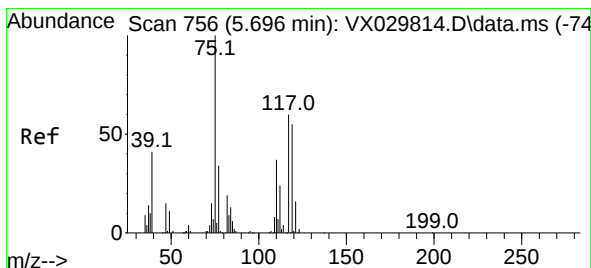
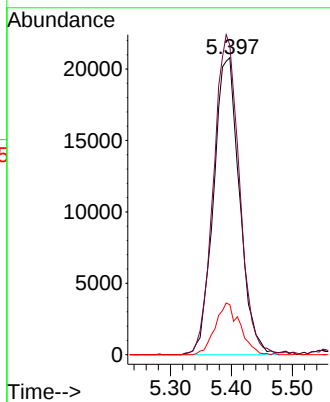
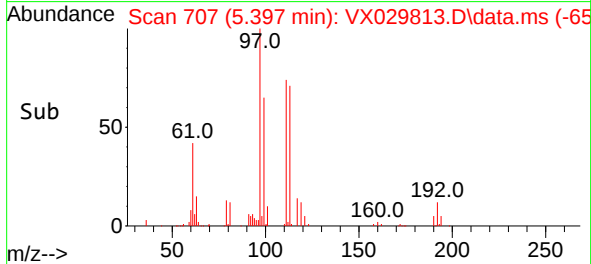
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:113 Resp: 6163
Ion Ratio Lower Upper
113 100
111 106.8 82.8 124.2
192 16.6 16.9 25.3

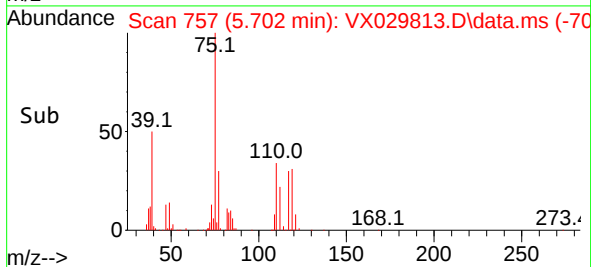
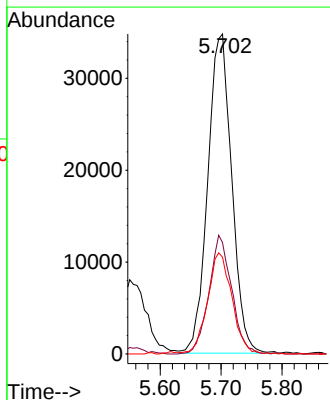
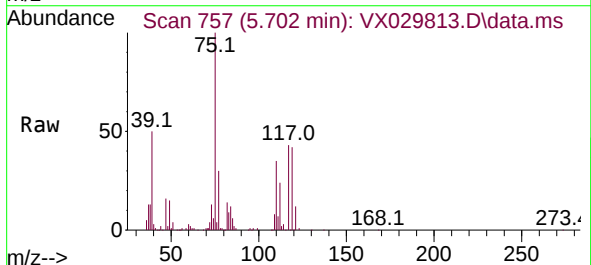
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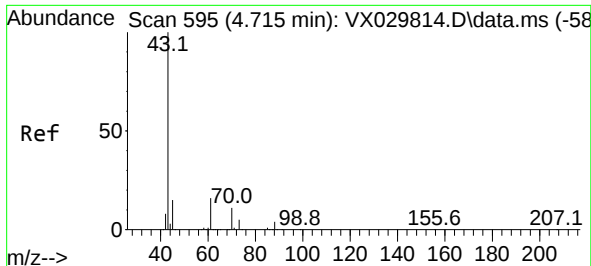
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#36
1,1-Dichloropropene
Concen: 21.245 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

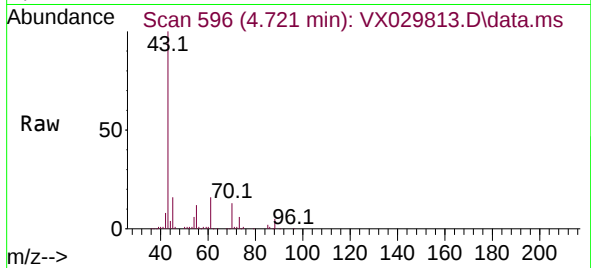
Tgt Ion: 75 Resp: 95076
Ion Ratio Lower Upper
75 100
110 35.2 18.3 54.8
77 32.2 24.8 37.2





#37
Ethyl Acetate
Concen: 25.845 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

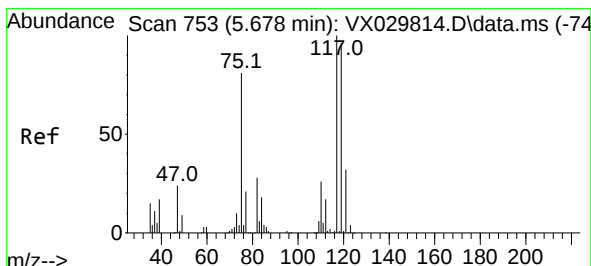
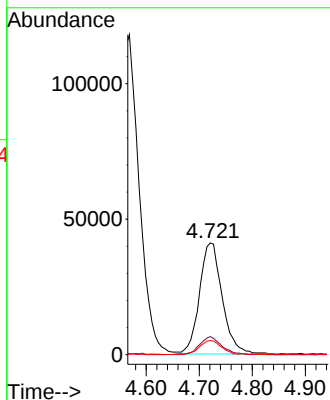
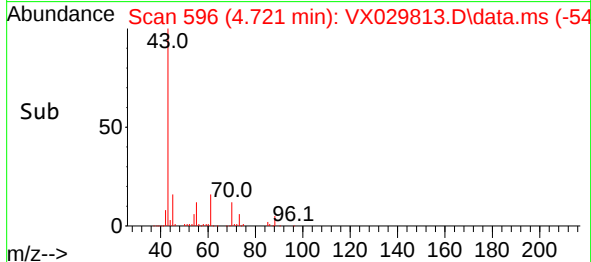
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 12270
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 12.2 10.2 15.2

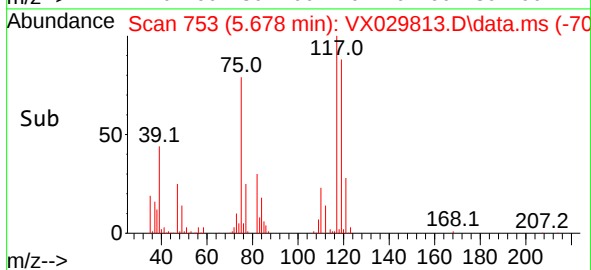
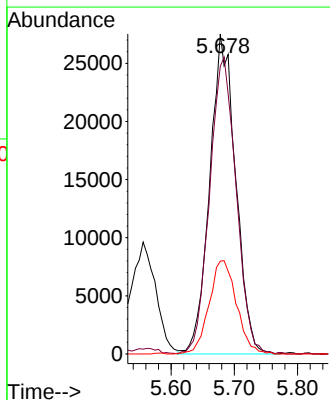
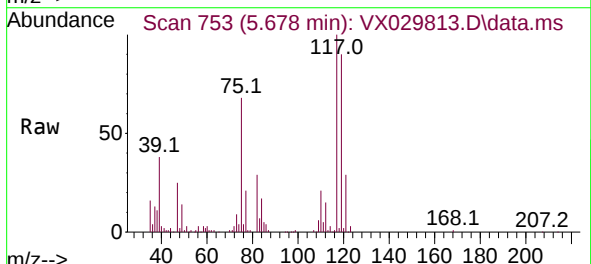
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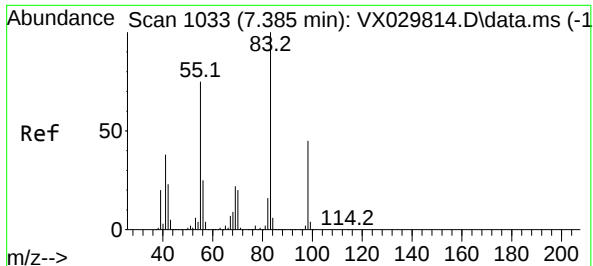
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Carbon Tetrachloride
Concen: 18.389 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion:117 Resp: 78368
Ion Ratio Lower Upper
117 100
119 89.9 77.3 115.9
121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 21.915 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 122160

Ion Ratio Lower Upper

83 100

55 80.7 54.6 81.8

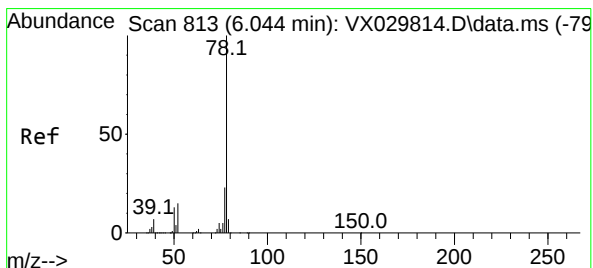
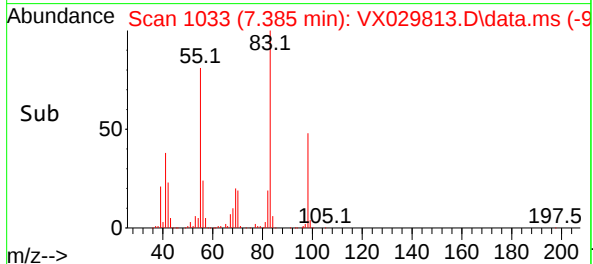
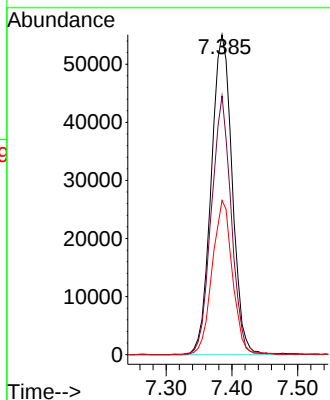
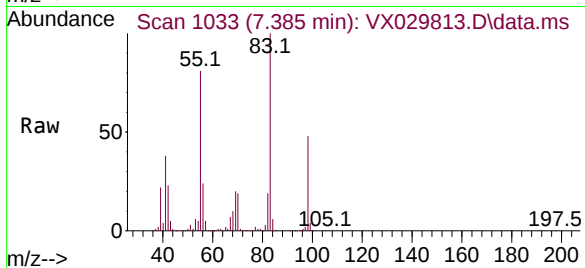
98 48.2 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Benzene

Concen: 22.845 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX029813.D

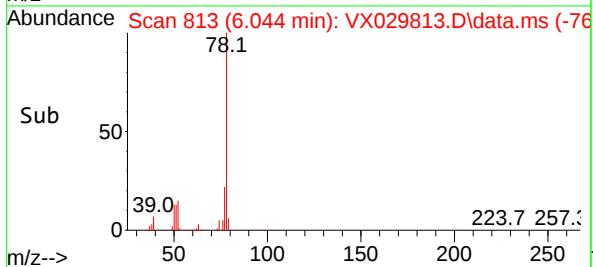
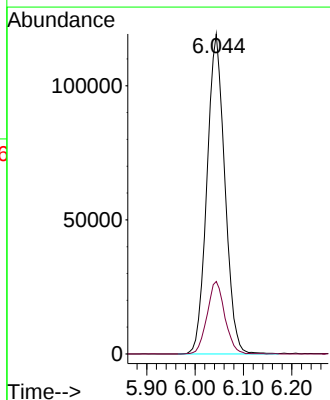
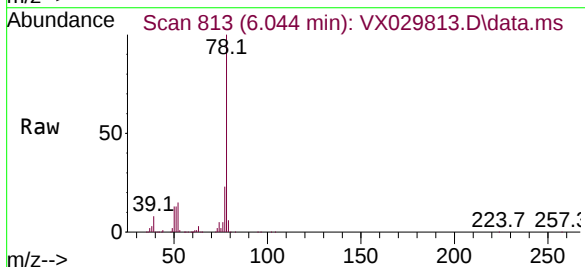
Acq: 27 Jun 2022 12:35

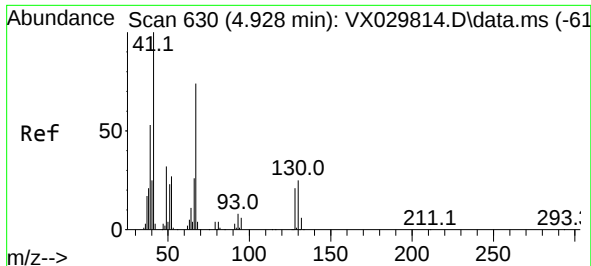
Tgt Ion: 78 Resp: 306173

Ion Ratio Lower Upper

78 100

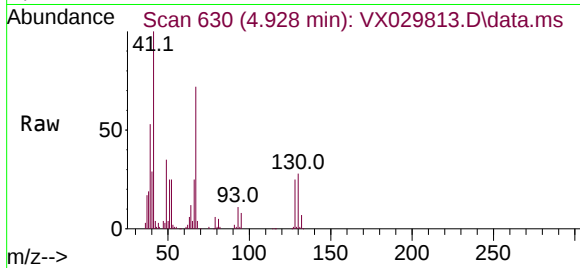
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 26.058 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

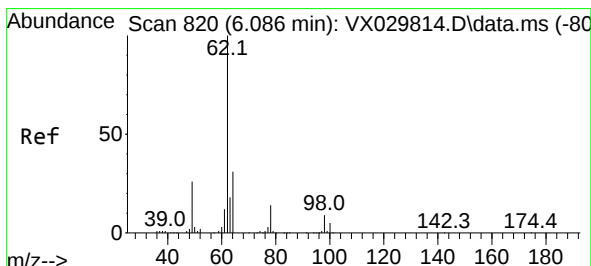
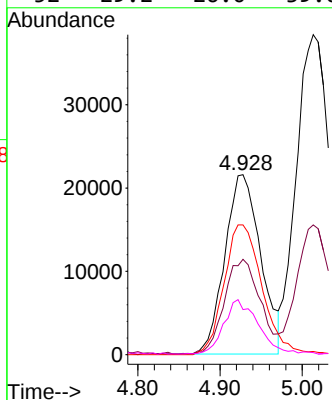
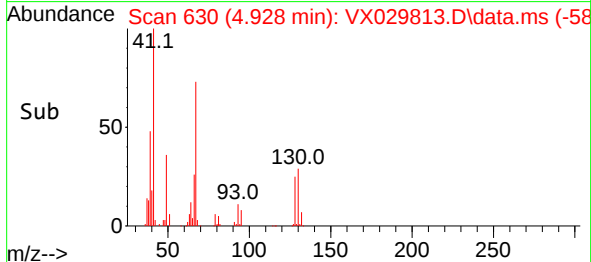
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 65529
Ion Ratio Lower Upper
41 100
39 51.5 43.0 64.4
67 77.2 70.2 105.4
52 29.2 26.0 39.0

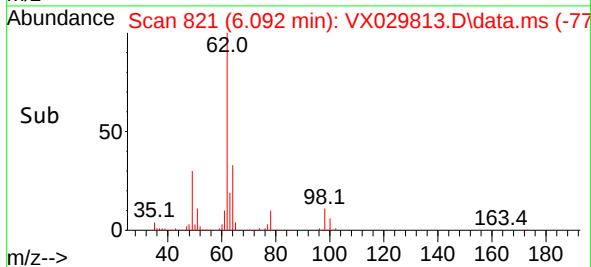
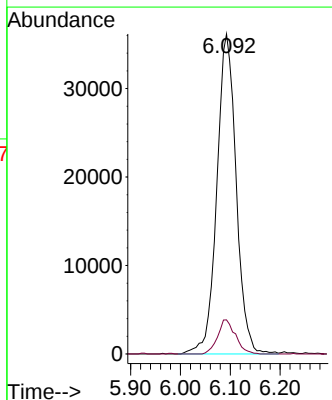
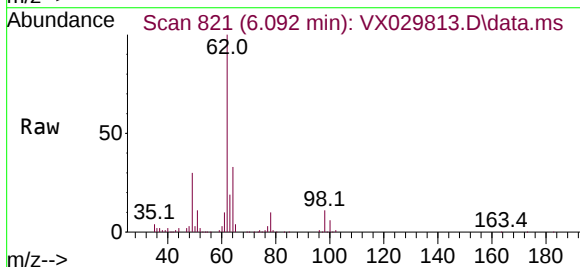
Manual Integrations
APPROVED

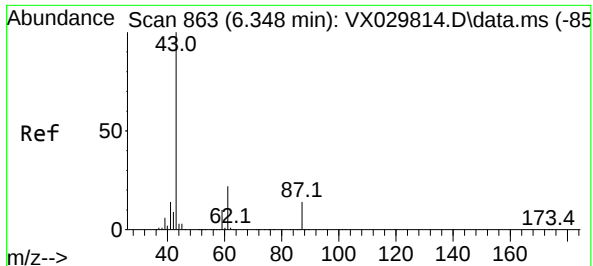
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
1,2-Dichloroethane
Concen: 21.375 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

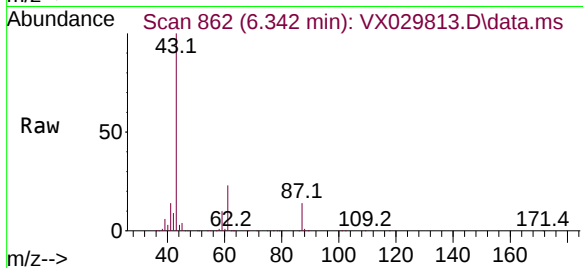
Tgt Ion: 62 Resp: 97483
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43
Isopropyl Acetate
Concen: 24.765 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

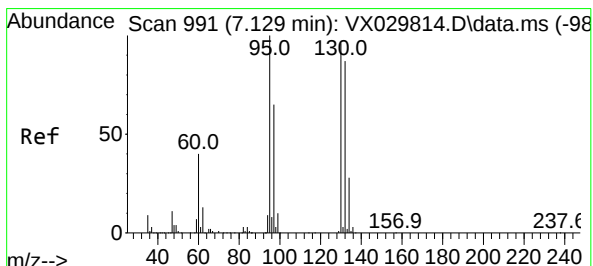
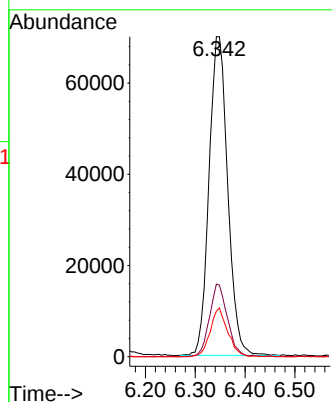
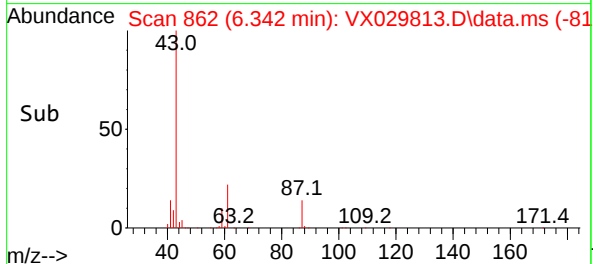
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 18191
Ion Ratio Lower Upper
43 100
61 21.9 18.5 27.7
87 14.3 13.0 19.6

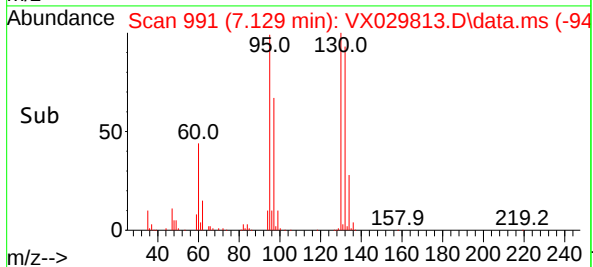
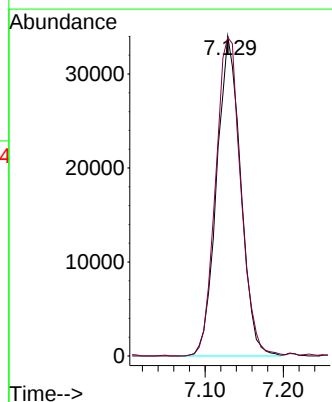
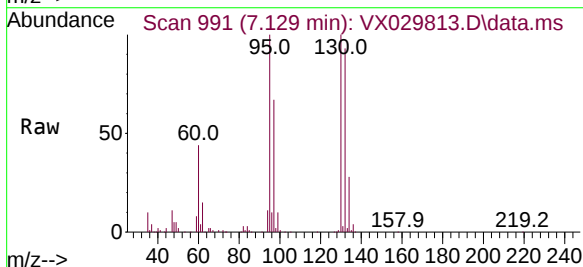
Manual Integrations
APPROVED

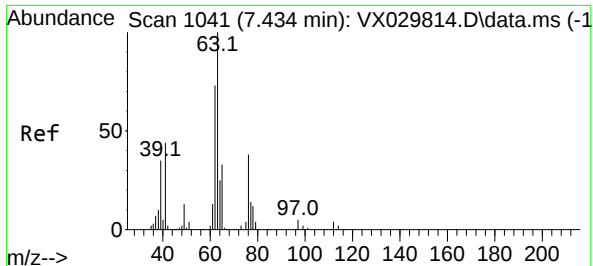
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
Trichloroethene
Concen: 16.247 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion:130 Resp: 72508
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 23.564 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 78110

Ion Ratio Lower Upper

63 100

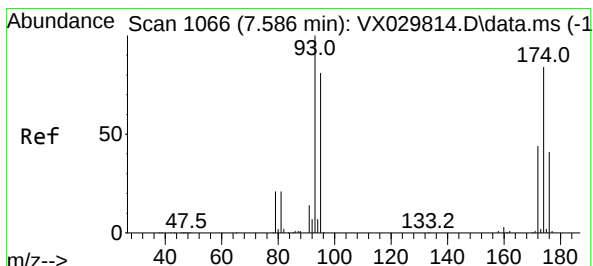
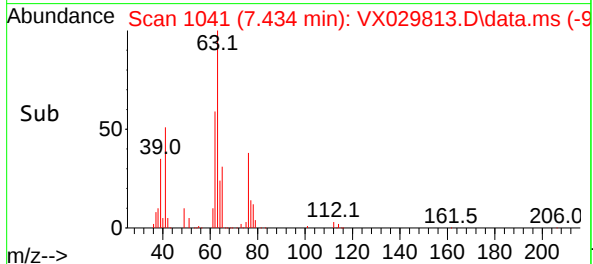
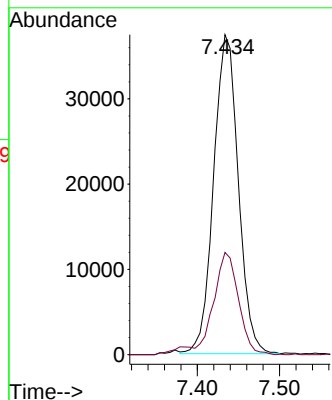
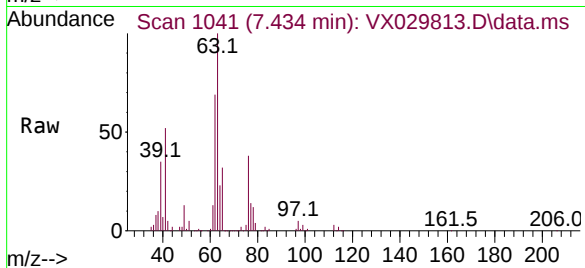
65 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Dibromomethane

Concen: 22.044 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

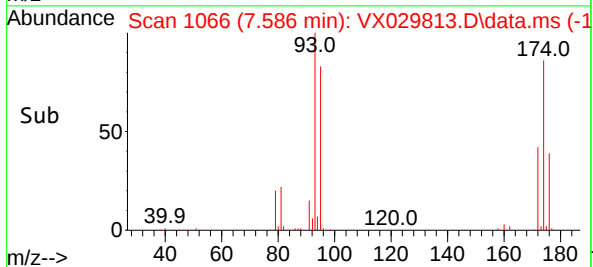
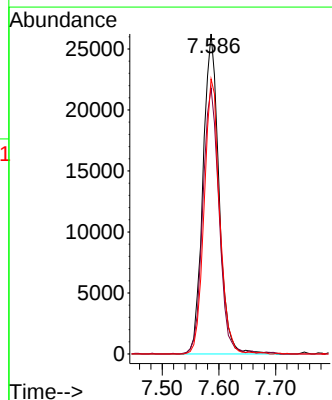
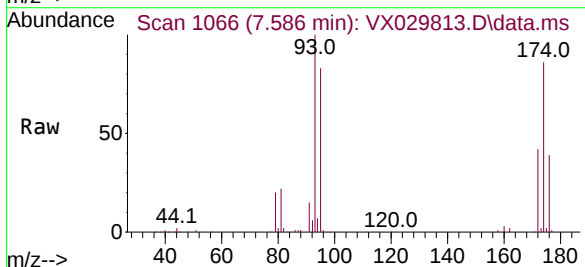
Tgt Ion: 93 Resp: 51304

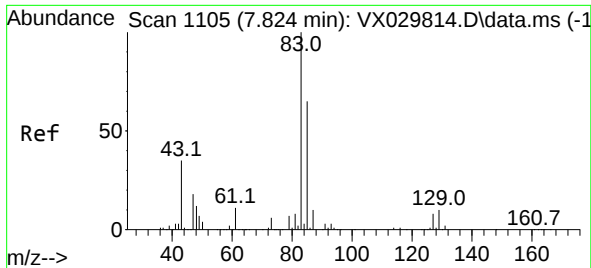
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 83.5 85.4 128.2#





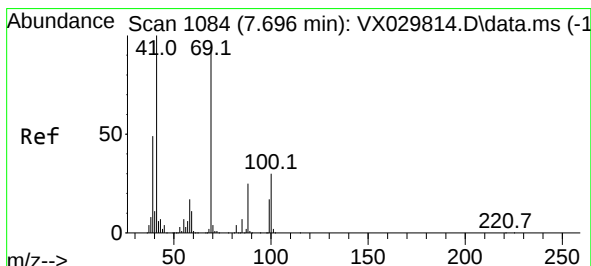
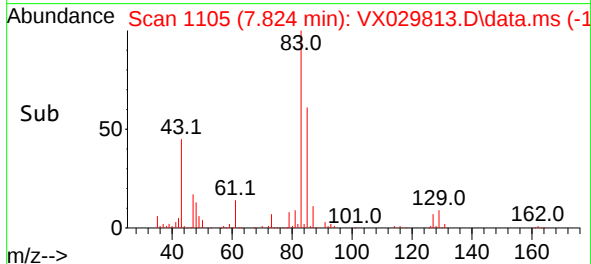
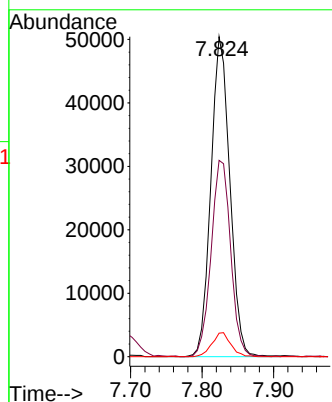
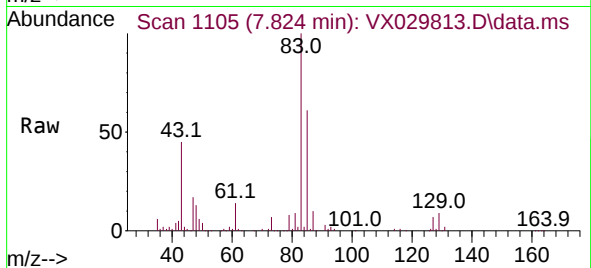
#47
Bromodichloromethane
Concen: 20.885 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 92919
Ion Ratio Lower Upper
83 100
85 61.3 52.2 78.2
127 7.4 6.8 10.2

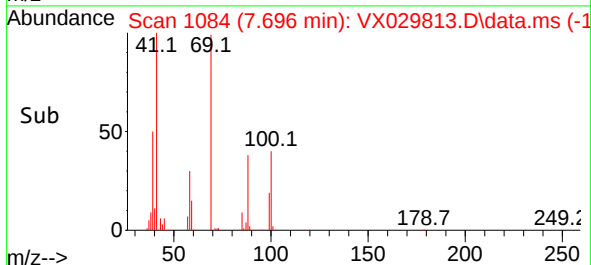
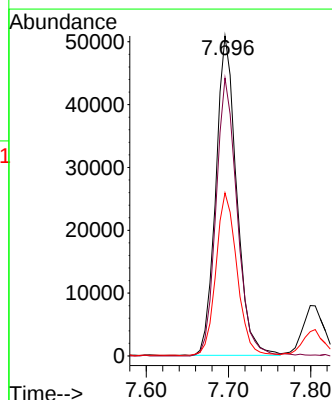
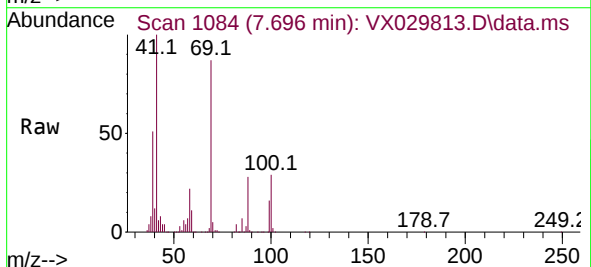
Manual Integrations
APPROVED

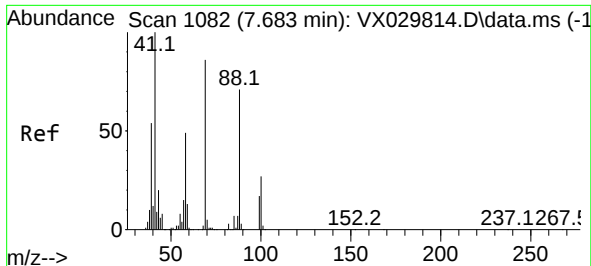
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Methyl methacrylate
Concen: 24.884 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 41 Resp: 89477
Ion Ratio Lower Upper
41 100
69 88.5 82.5 123.7
39 51.4 43.8 65.8





#49

1,4-Dioxane

Concen: 471.299 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

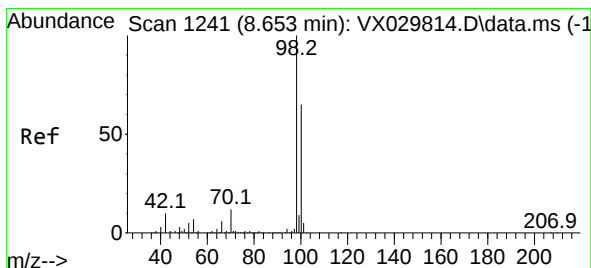
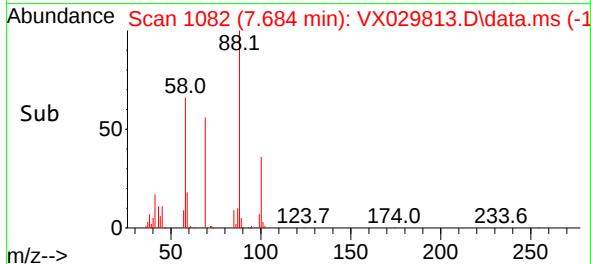
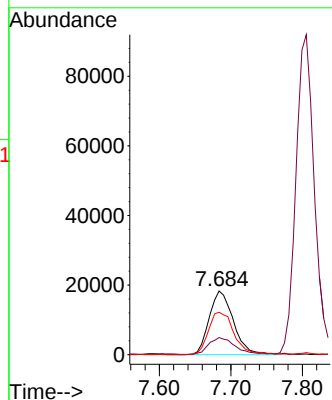
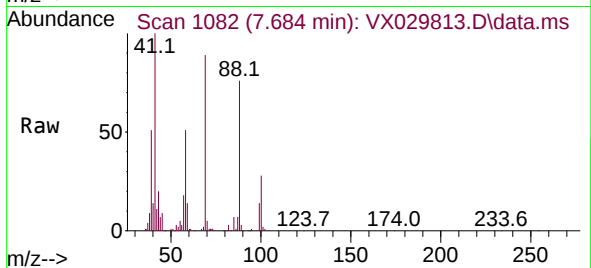
Tgt Ion:	88	Resp:	4305
Ion	Ratio	Lower	Upper
88	100		
43	28.0	21.9	32.9
58	70.7	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

Toluene-d8

Concen: 20.965 ug/l

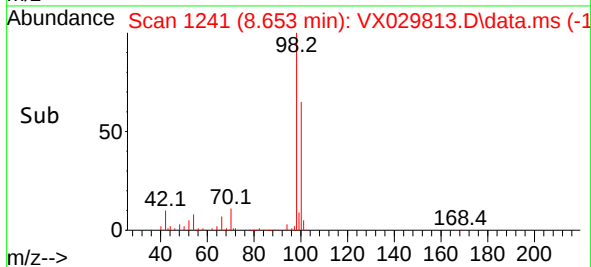
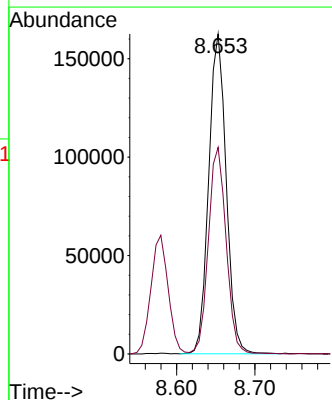
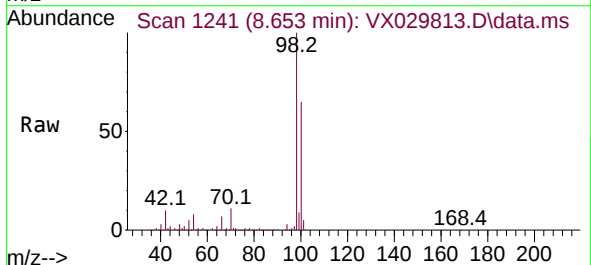
RT: 8.653 min Scan# 1241

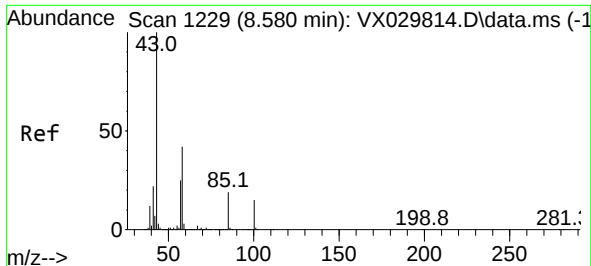
Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

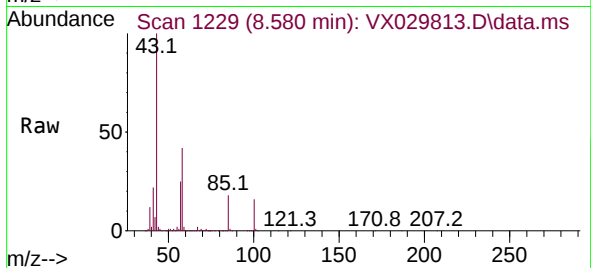
Tgt Ion:	98	Resp:	251582
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 130.279 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

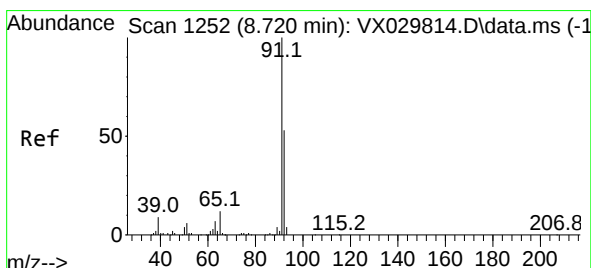
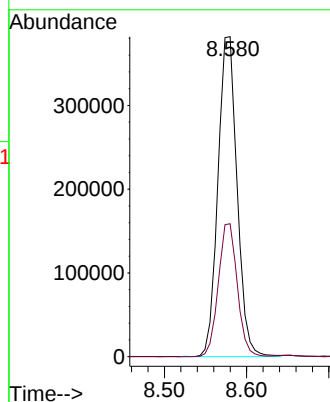
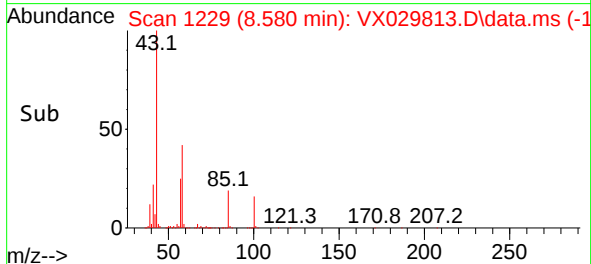
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



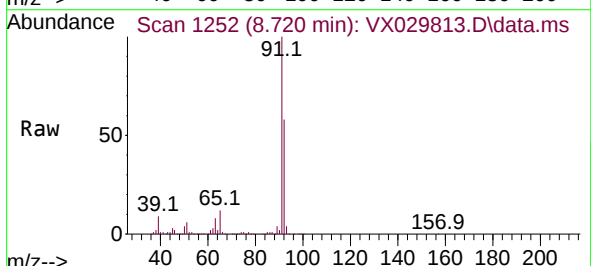
Tgt Ion: 43 Resp: 61953
Ion Ratio Lower Upper
43 100
58 41.2 36.1 54.1

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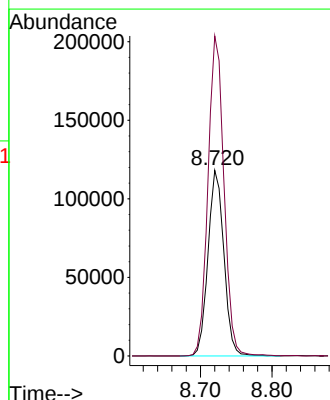
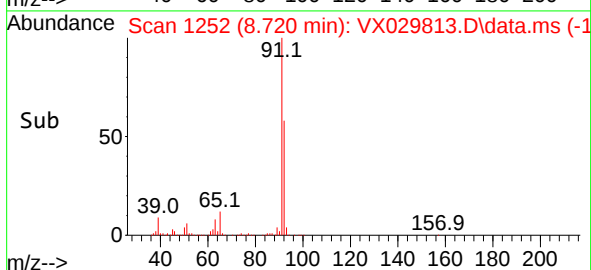
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

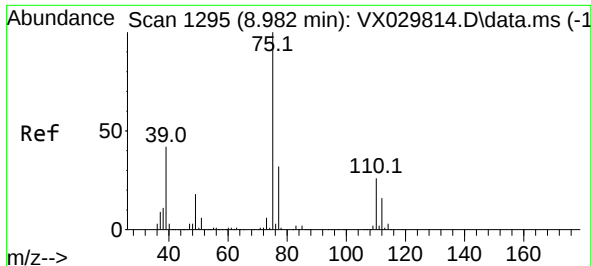


#52
Toluene
Concen: 21.649 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



Tgt Ion: 92 Resp: 182517
Ion Ratio Lower Upper
92 100
91 173.1 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 22.405 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 10155

Ion Ratio Lower Upper

75 100

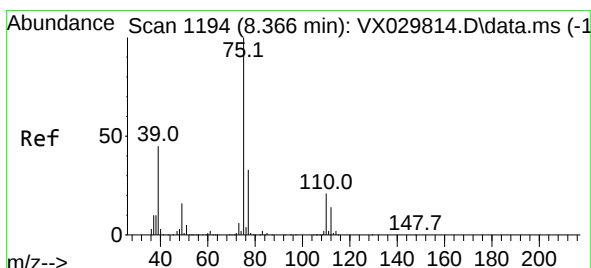
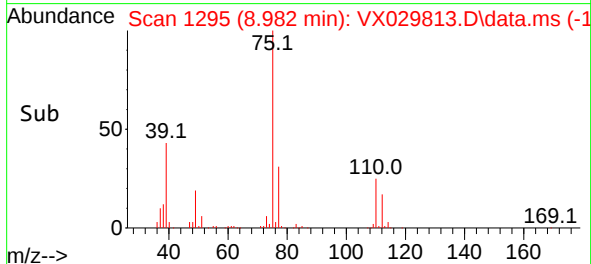
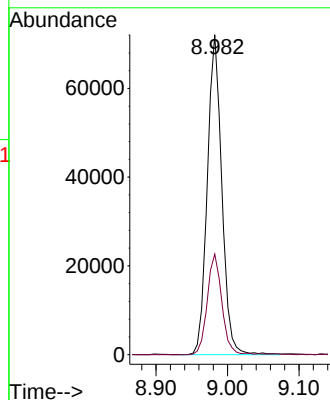
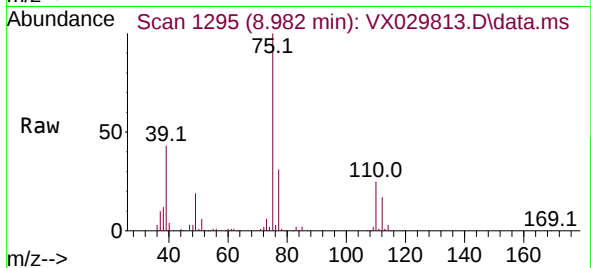
77 31.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#54

cis-1,3-Dichloropropene

Concen: 22.145 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

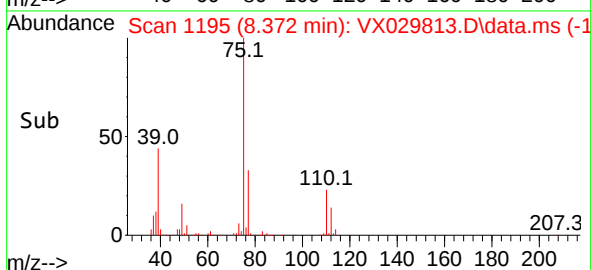
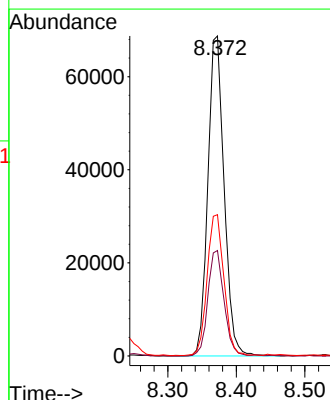
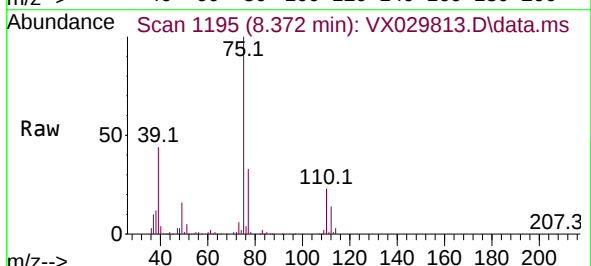
Tgt Ion: 75 Resp: 113305

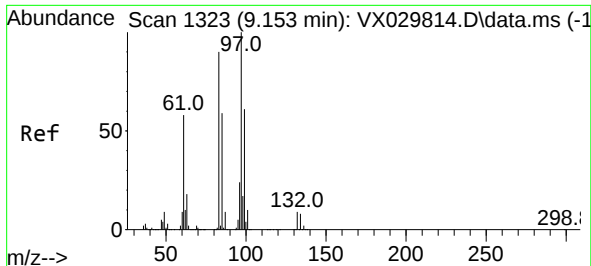
Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2

39 44.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 22.239 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 76149

Ion Ratio Lower Upper

97 100

83 89.3 66.2 99.4

85 58.9 42.9 64.3

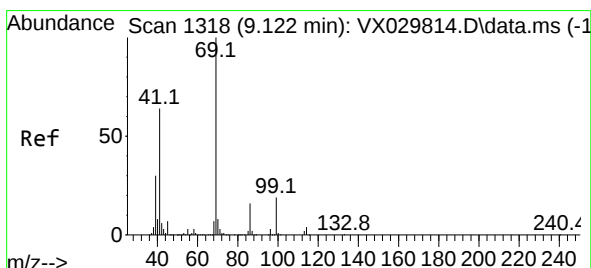
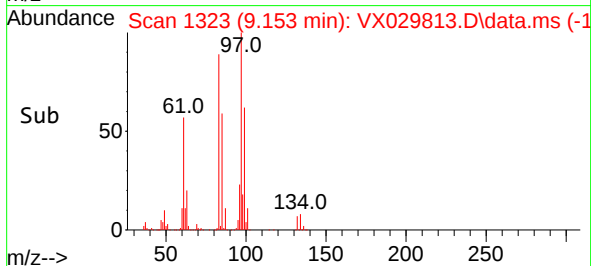
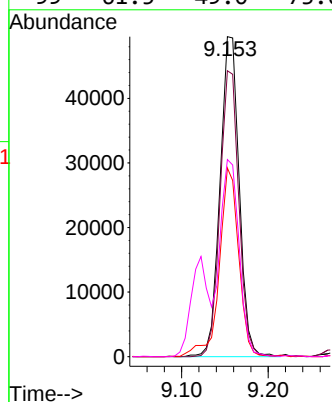
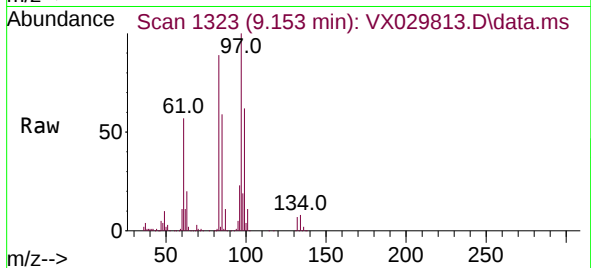
99 61.5 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Ethyl methacrylate

Concen: 24.087 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

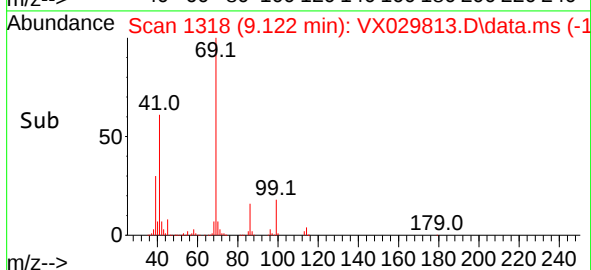
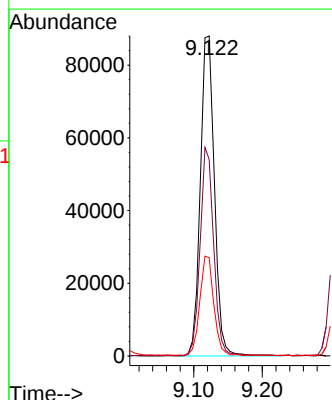
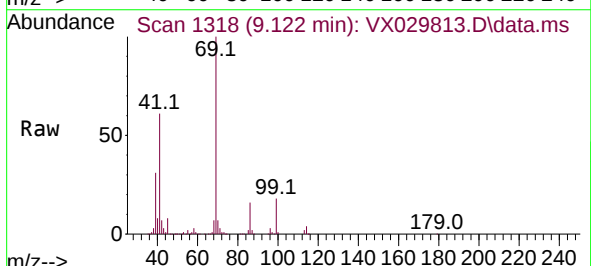
Tgt Ion: 69 Resp: 126452

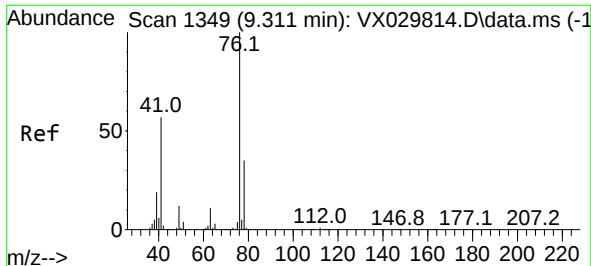
Ion Ratio Lower Upper

69 100

41 62.3 43.8 65.6

39 30.7 22.2 33.2





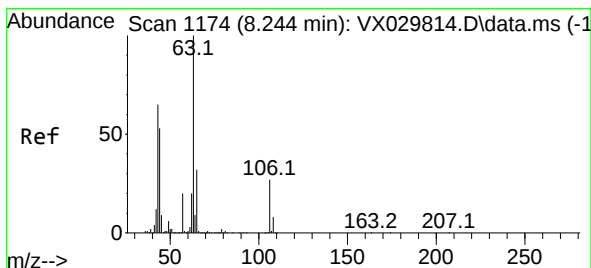
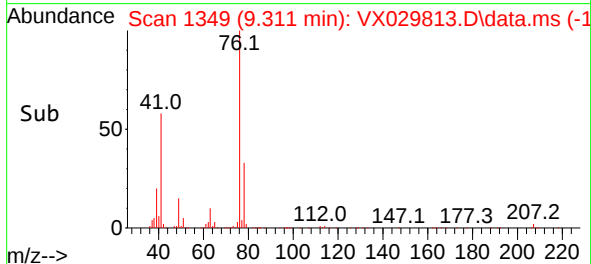
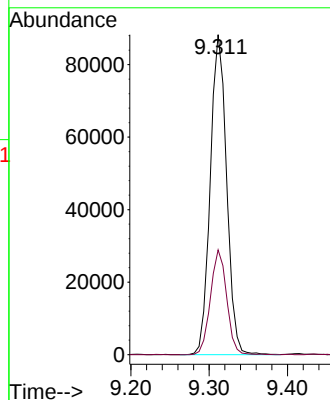
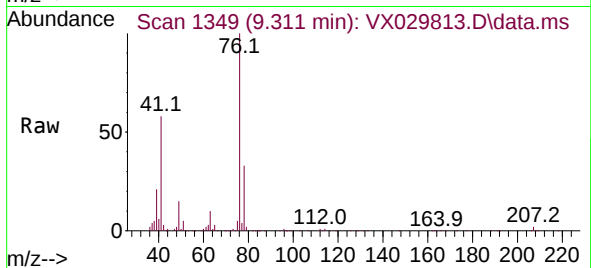
#57
1,3-Dichloropropane
Concen: 22.180 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 127860
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

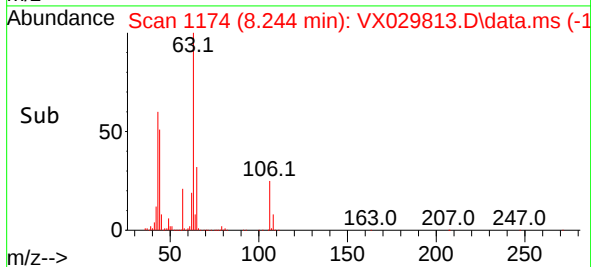
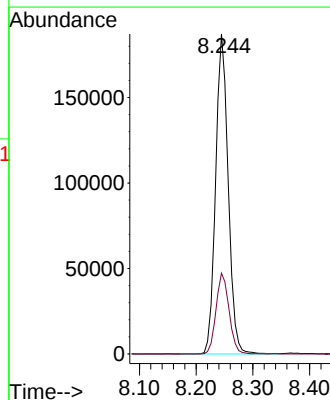
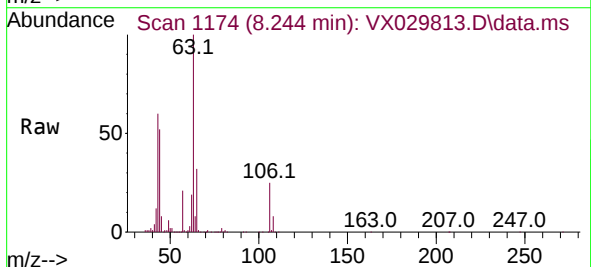
Manual Integrations
APPROVED

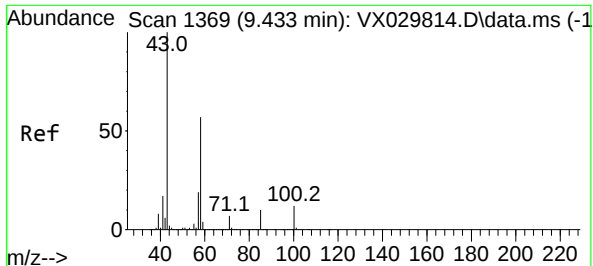
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 116.287 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 63 Resp: 288188
Ion Ratio Lower Upper
63 100
106 26.1 23.9 35.9





#59

2-Hexanone

Concen: 132.890 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 48164

Ion Ratio Lower Upper

43 100

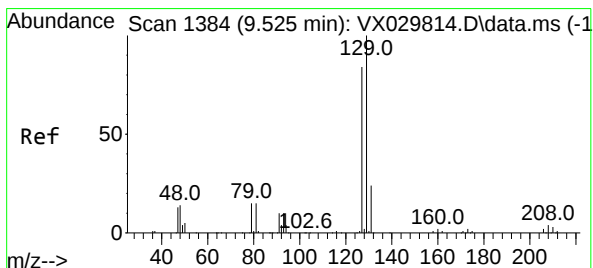
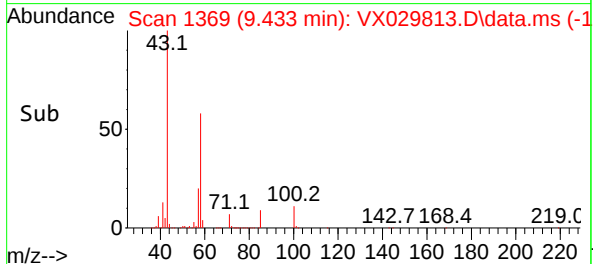
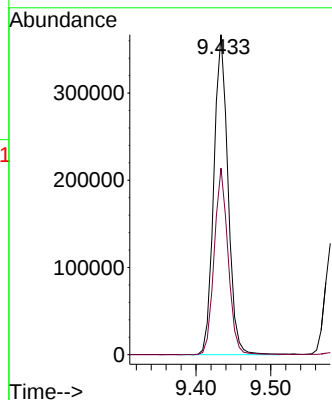
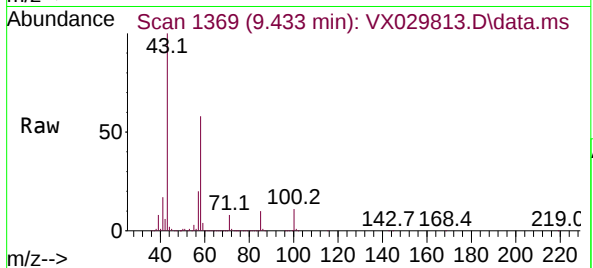
58 57.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

Dibromochloromethane

Concen: 19.871 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX029813.D

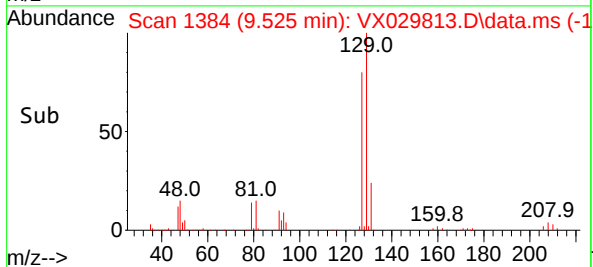
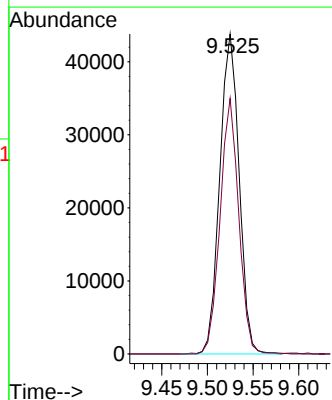
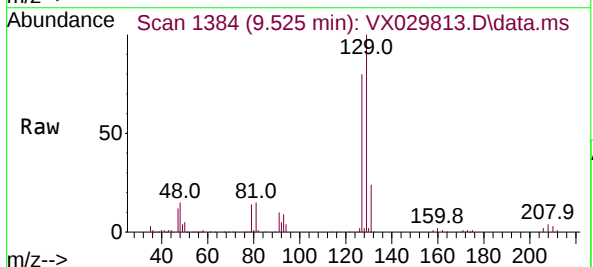
Acq: 27 Jun 2022 12:35

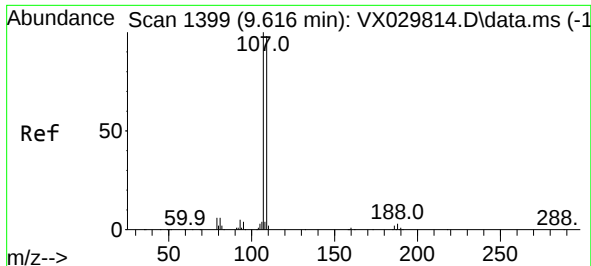
Tgt Ion:129 Resp: 64621

Ion Ratio Lower Upper

129 100

127 77.0 40.3 120.8





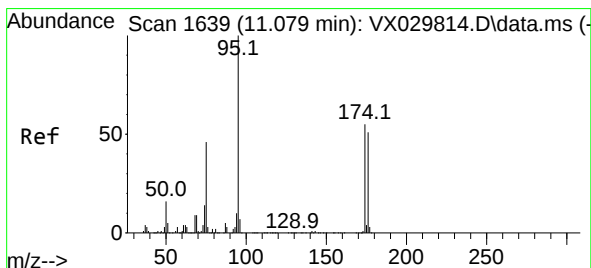
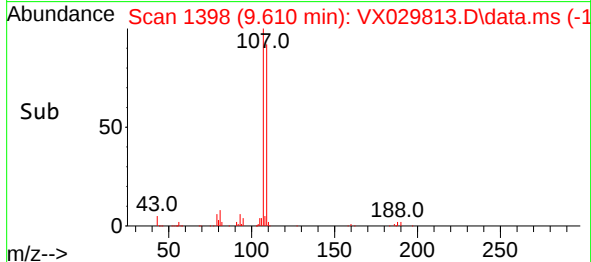
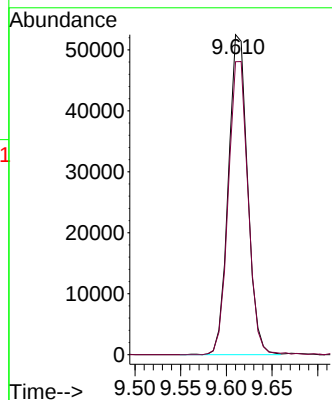
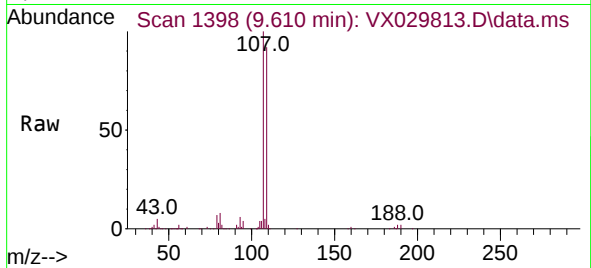
#61
1,2-Dibromoethane
Concen: 21.602 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 7652
Ion Ratio Lower Upper
107 100
109 94.4 74.4 111.6

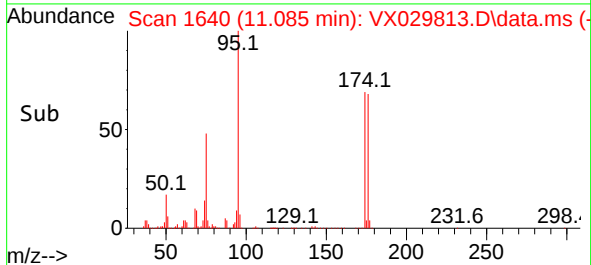
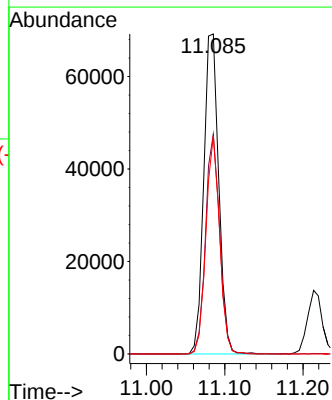
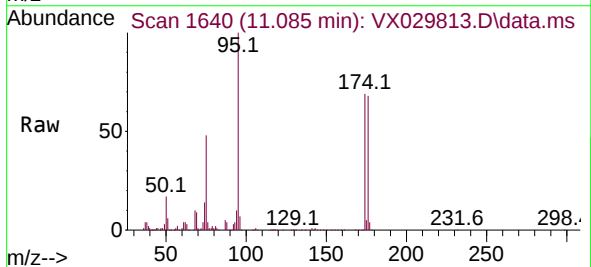
Manual Integrations
APPROVED

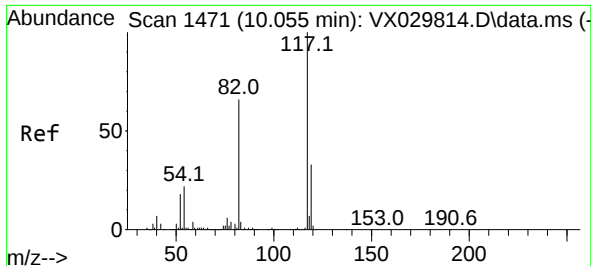
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
4-Bromofluorobenzene
Concen: 20.429 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

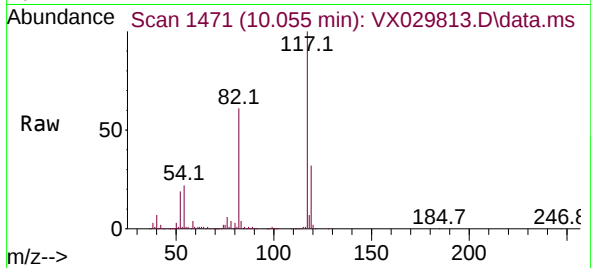
Tgt Ion: 95 Resp: 91790
Ion Ratio Lower Upper
95 100
174 64.6 0.0 163.0
176 62.0 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

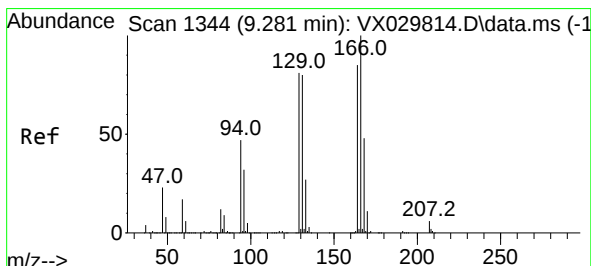
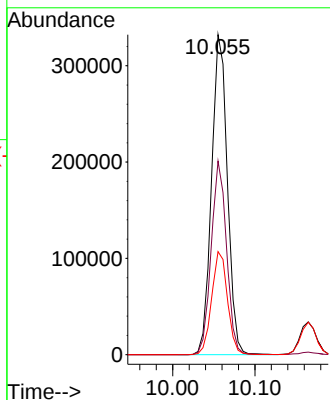
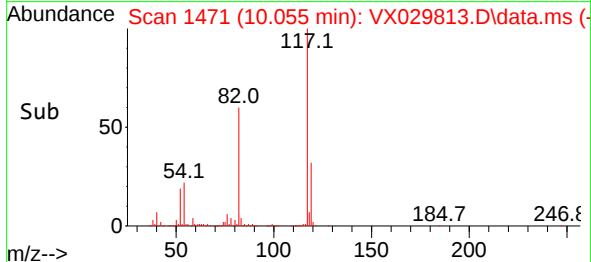
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 44316
Ion Ratio Lower Upper
117 100
82 60.5 41.8 62.8
119 32.2 24.8 37.2

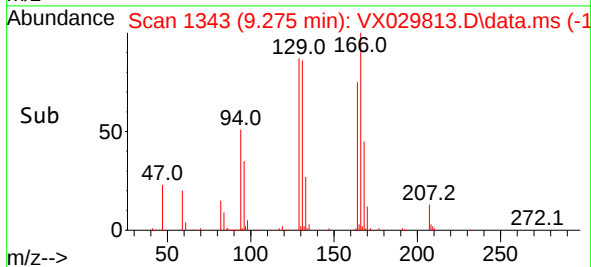
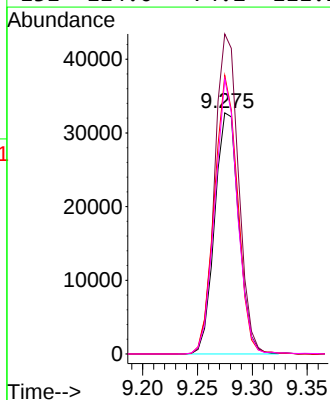
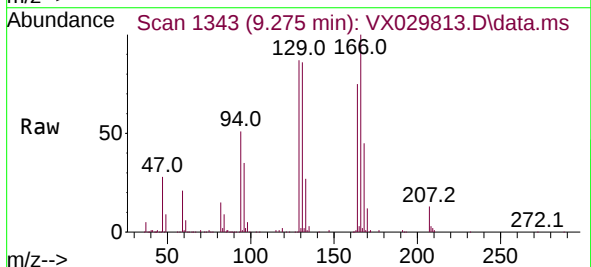
Manual Integrations
APPROVED

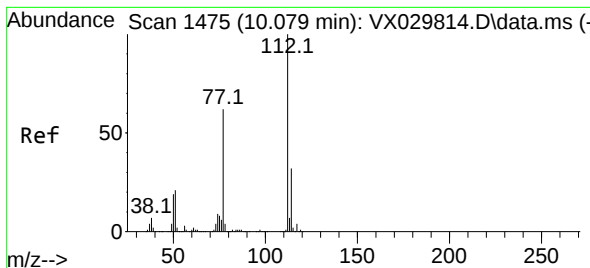
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Tetrachloroethene
Concen: 16.242 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

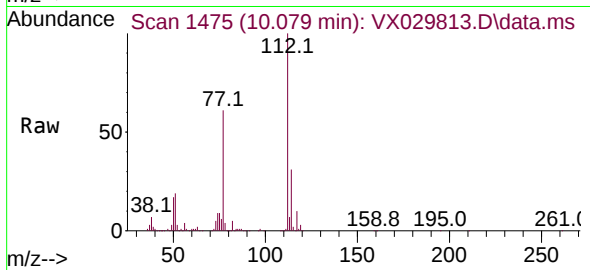
Tgt Ion:164 Resp: 50117
Ion Ratio Lower Upper
164 100
166 132.7 101.2 151.8
129 115.5 73.0 109.4#
131 114.0 74.2 111.2#





#65
Chlorobenzene
Concen: 21.947 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

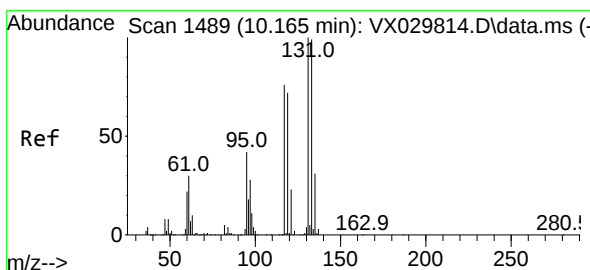
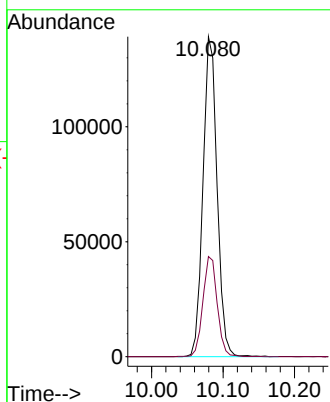
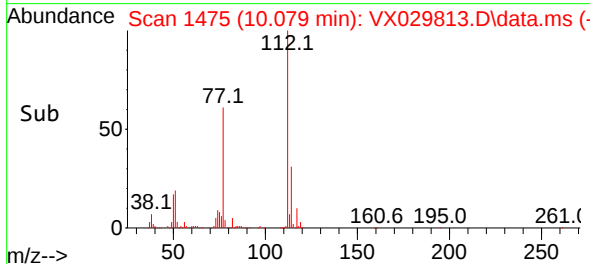
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



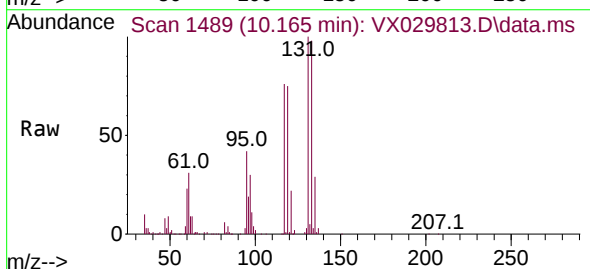
Tgt Ion:112 Resp: 19052
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

Manual Integrations
APPROVED

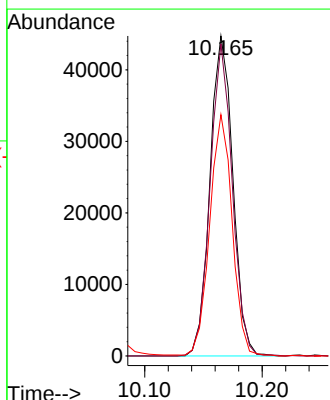
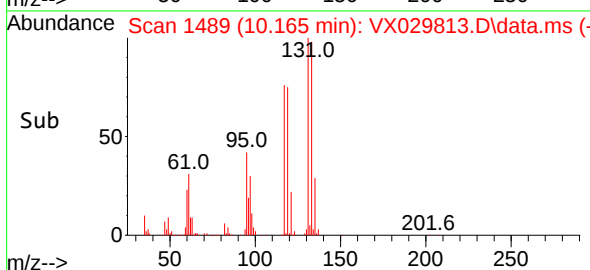
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

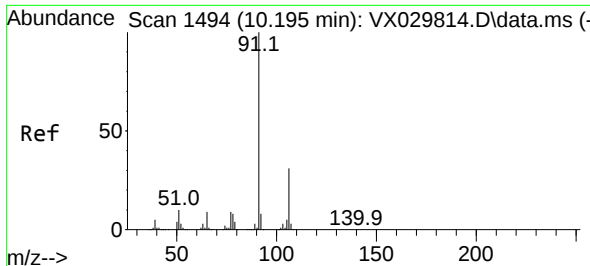


#66
1,1,1,2-Tetrachloroethane
Concen: 19.704 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



Tgt Ion:131 Resp: 60457
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.8
119 74.1 32.6 98.0





#67

Ethyl Benzene

Concen: 21.951 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 34568

Ion Ratio Lower Upper

91 100

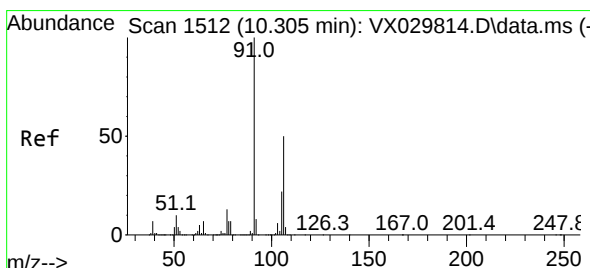
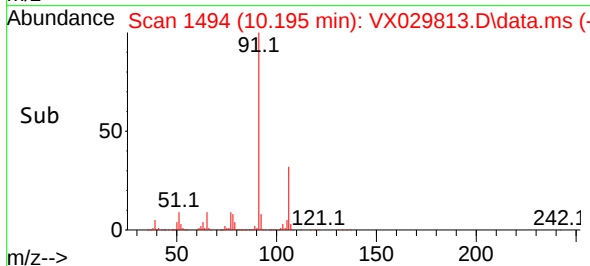
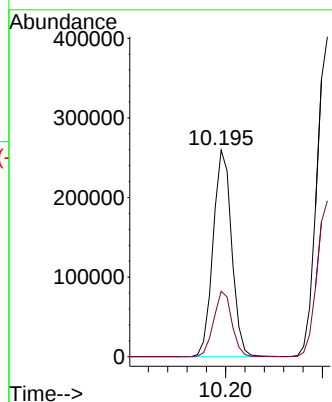
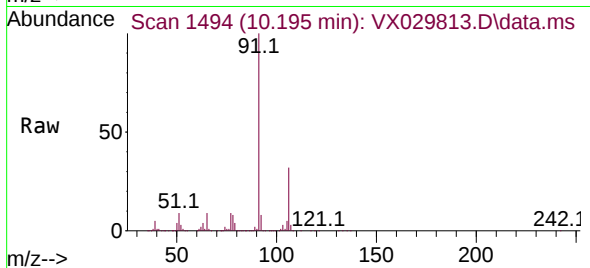
106 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#68

m/p-Xylenes

Concen: 43.118 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029813.D

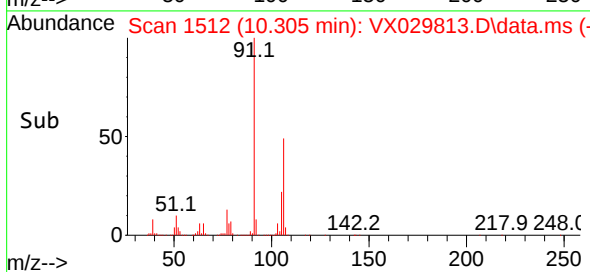
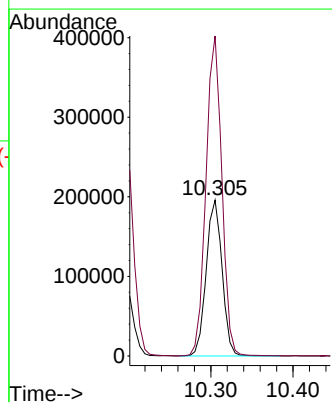
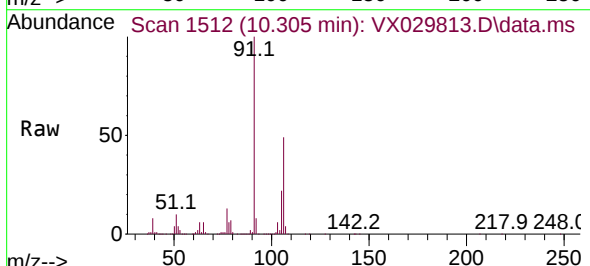
Acq: 27 Jun 2022 12:35

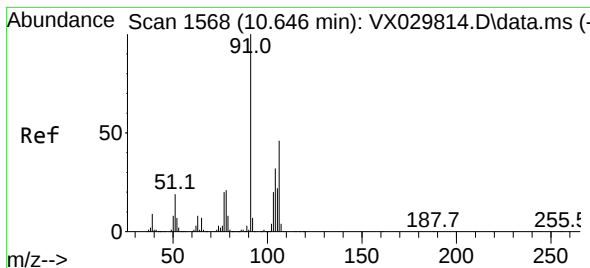
Tgt Ion:106 Resp: 263043

Ion Ratio Lower Upper

106 100

91 205.0 160.4 240.6





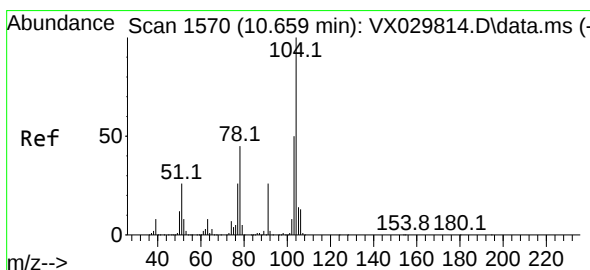
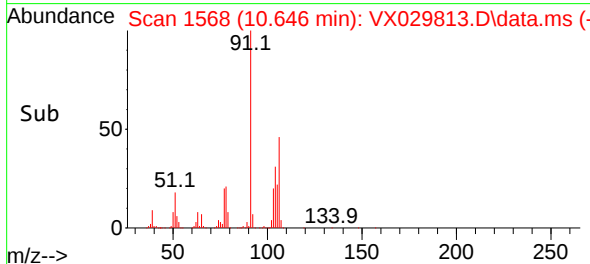
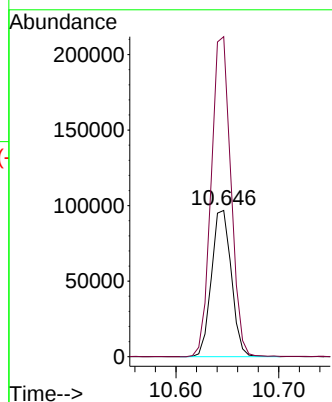
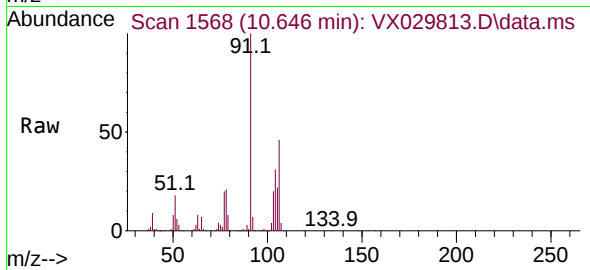
#69
o-Xylene
Concen: 21.546 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 129499
Ion Ratio Lower Upper
106 100
91 217.9 106.1 318.1

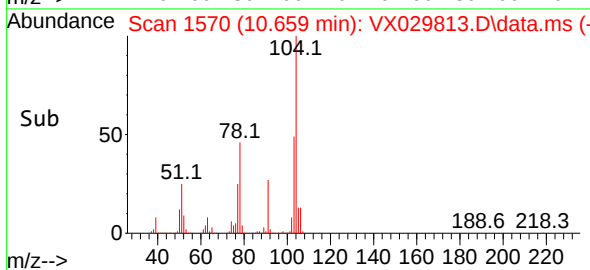
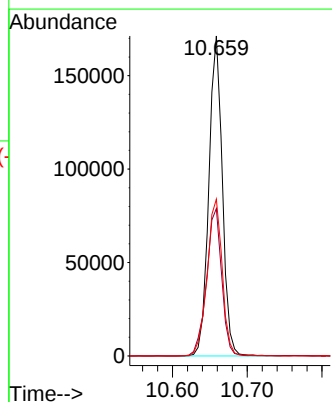
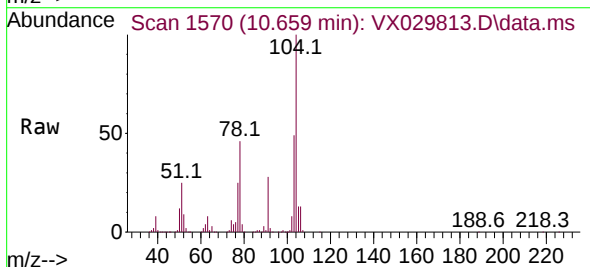
Manual Integrations
APPROVED

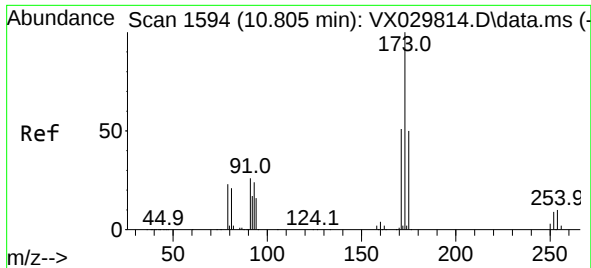
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 21.899 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

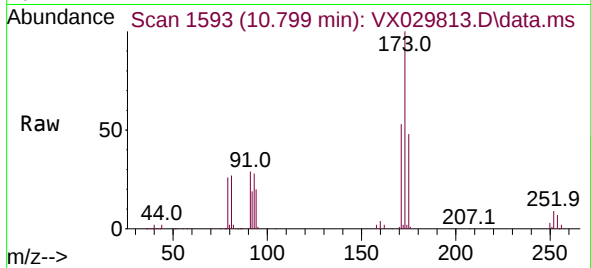
Tgt Ion:104 Resp: 214881
Ion Ratio Lower Upper
104 100
78 51.7 38.6 57.8
103 54.7 43.8 65.8





#71
Bromoform
Concen: 19.007 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

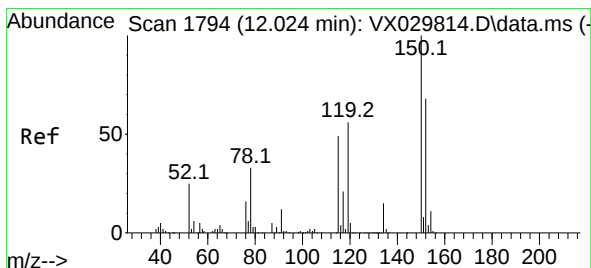
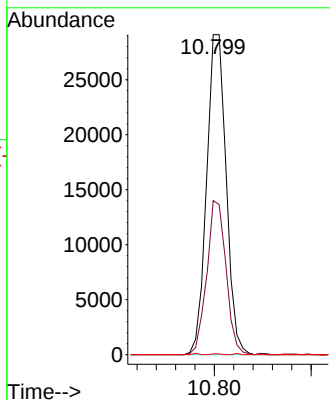
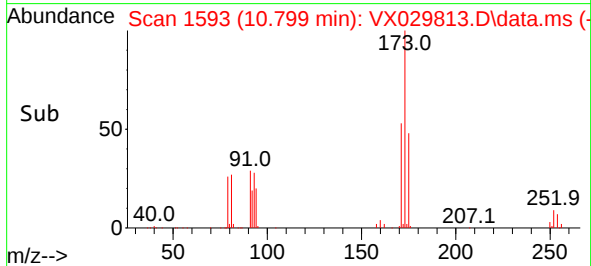
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



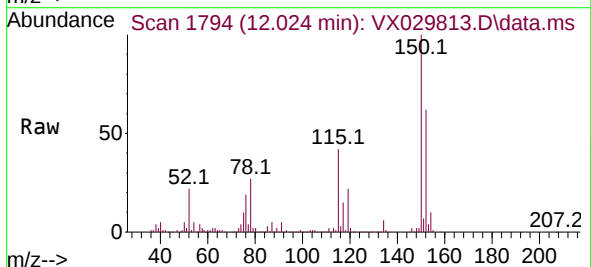
Tgt Ion:173 Resp: 40945
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

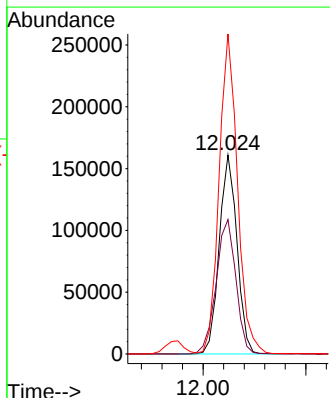
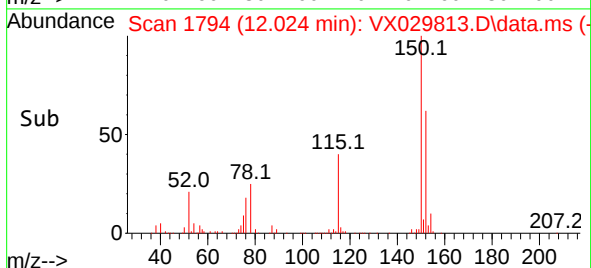
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

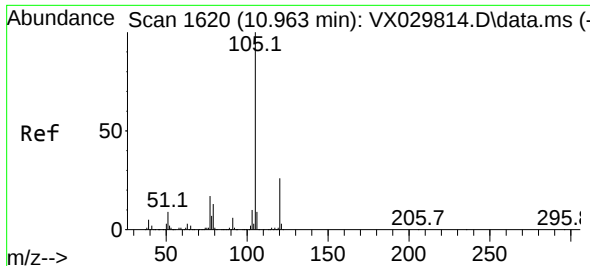


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



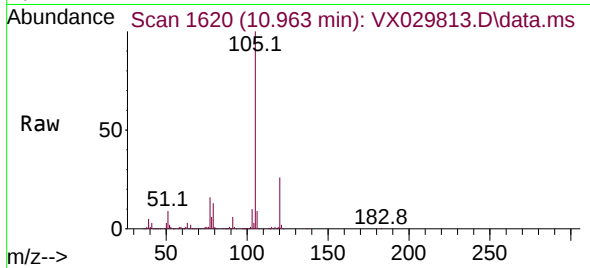
Tgt Ion:152 Resp: 192398
Ion Ratio Lower Upper
152 100
115 75.3 37.5 112.7
150 167.4 0.0 338.2





#73
Isopropylbenzene
Concen: 22.247 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

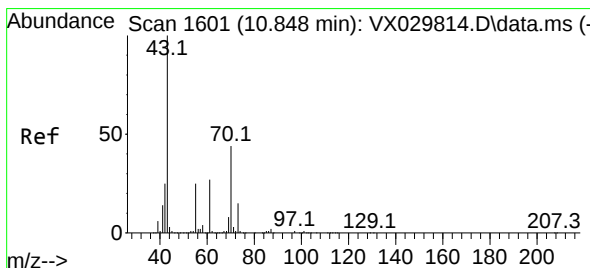
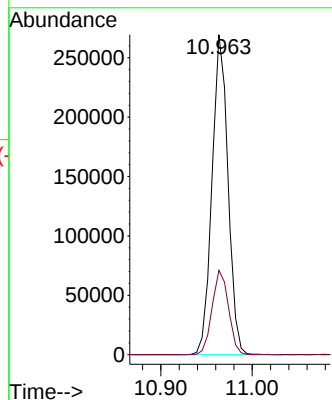
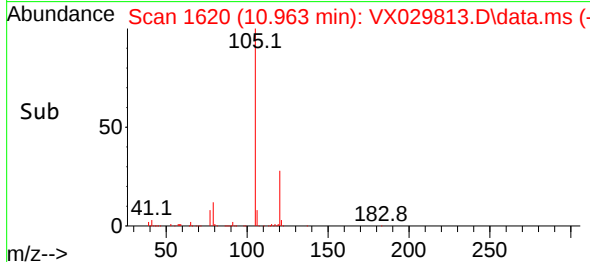
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



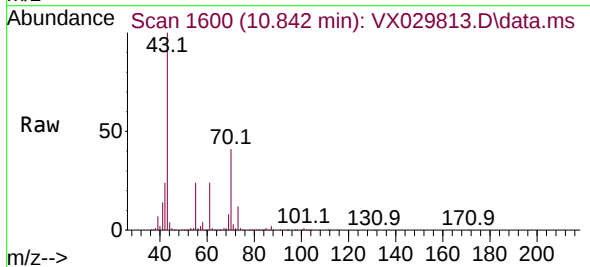
Tgt Ion:105 Resp: 326138
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5

Manual Integrations
APPROVED

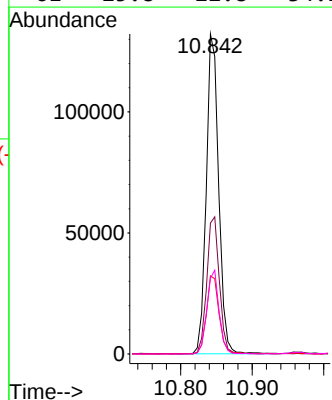
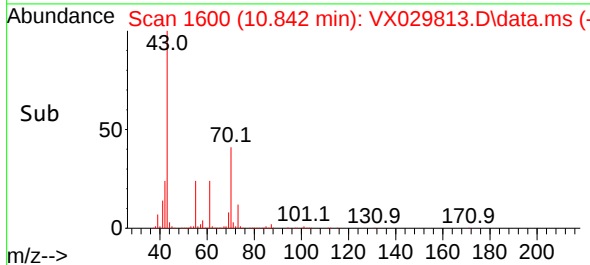
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

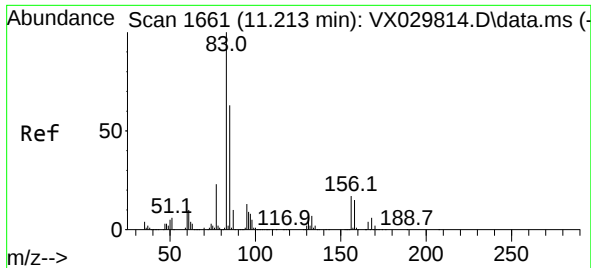


#74
N-ethyl acetate
Concen: 29.314 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



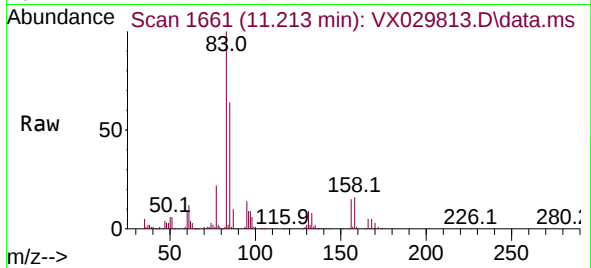
Tgt Ion: 43 Resp: 158844
Ion Ratio Lower Upper
43 100
70 43.7 42.5 63.7
55 25.2 23.1 34.7
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 25.867 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

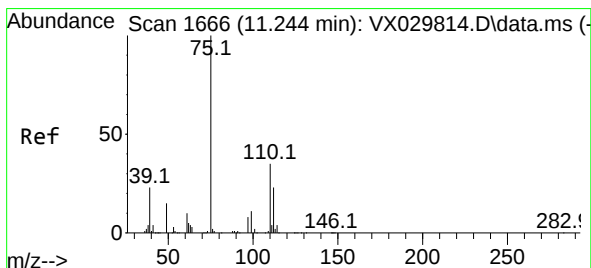
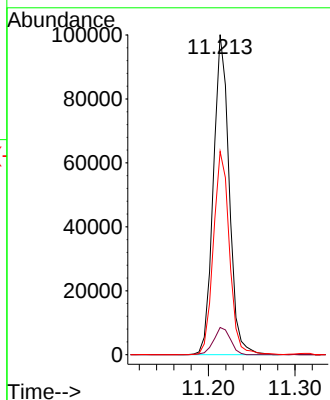
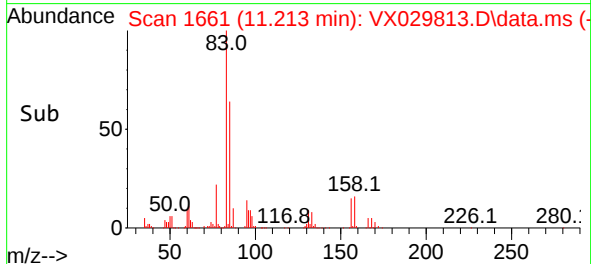
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



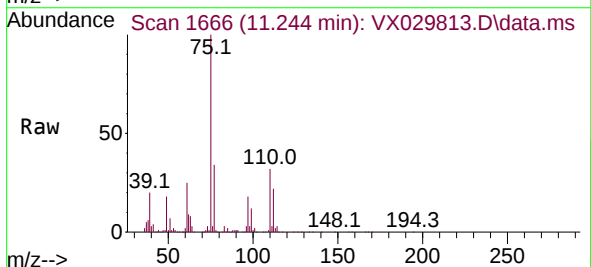
Tgt Ion: 83 Resp: 12664
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.4 32.6 97.7

Manual Integrations
APPROVED

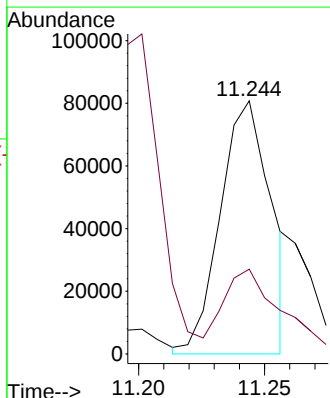
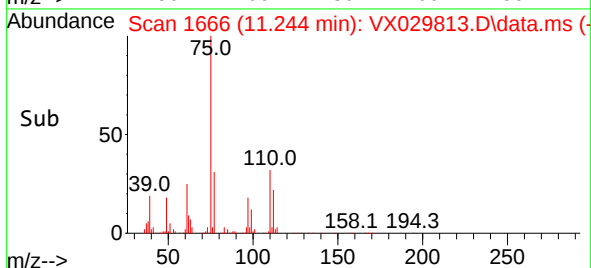
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

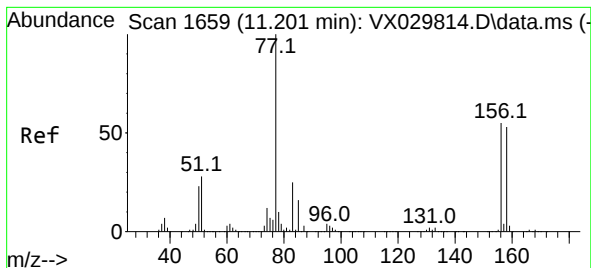


#76
1,2,3-Trichloropropane
Concen: 25.821 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



Tgt Ion: 75 Resp: 112875
Ion Ratio Lower Upper
75 100
77 38.6 19.4 58.2





#77

Bromobenzene

Concen: 21.140 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

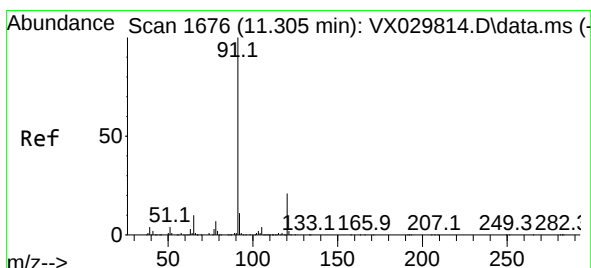
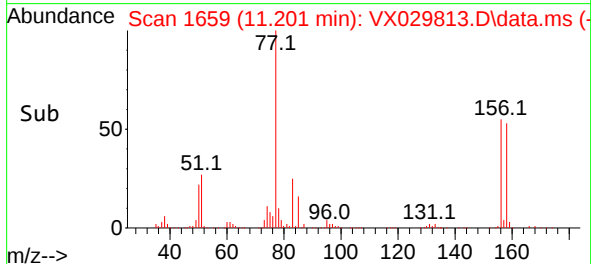
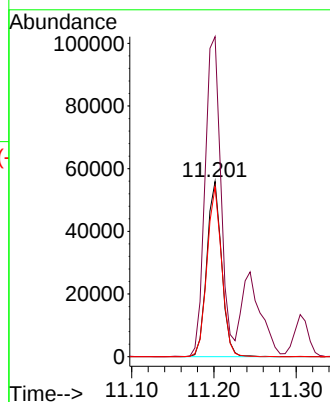
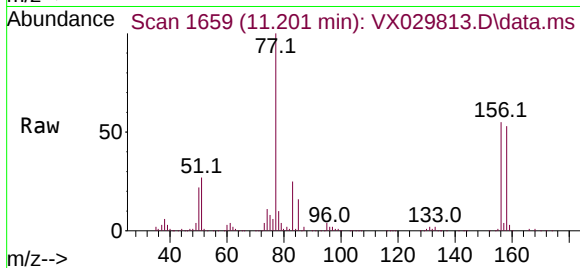
Tgt Ion:	156	Resp:	69770
Ion Ratio	Lower	Upper	
156	100		
77	197.0	78.5	235.3
158	96.7	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#78

n-propylbenzene

Concen: 23.501 ug/l

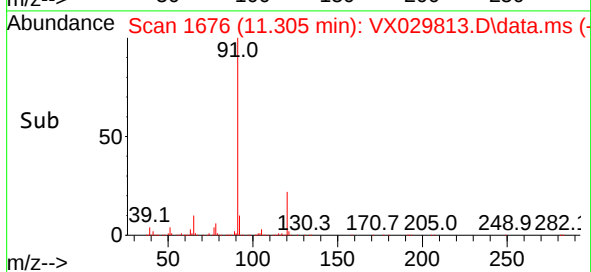
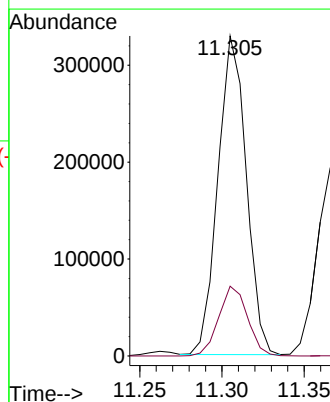
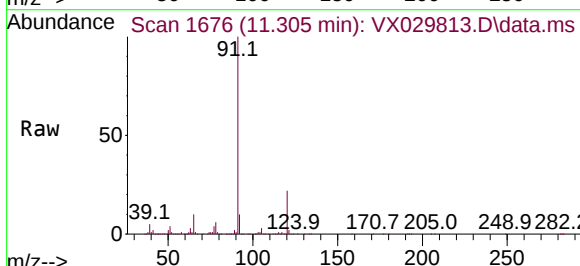
RT: 11.305 min Scan# 1676

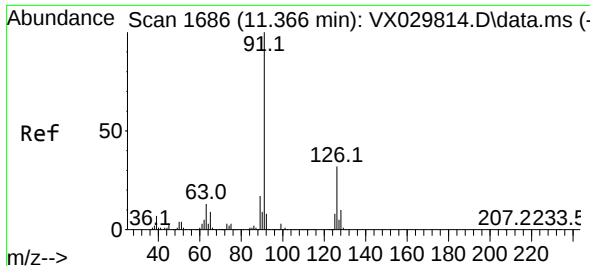
Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Tgt Ion:	91	Resp:	394332
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.6	34.8





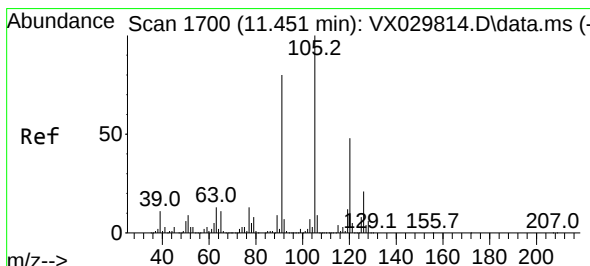
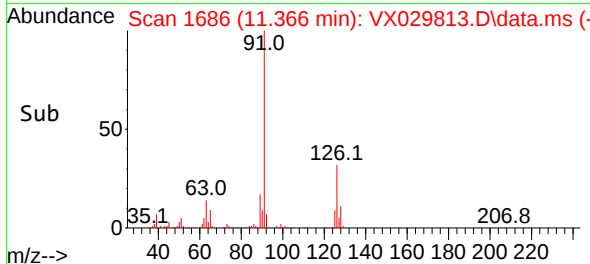
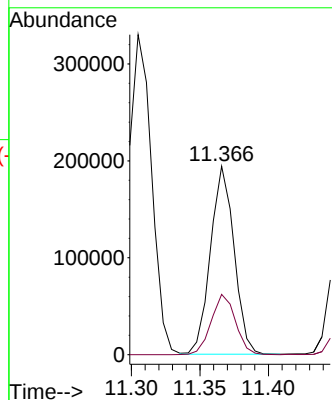
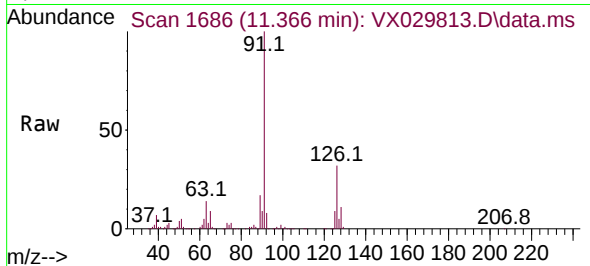
#79
2-Chlorotoluene
Concen: 22.603 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 232495
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9

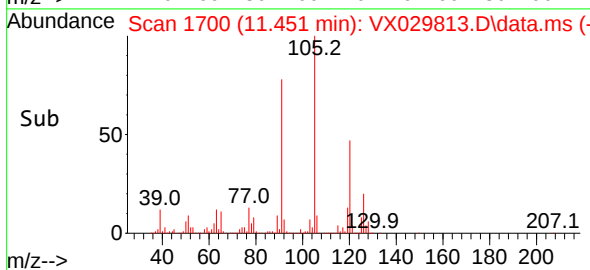
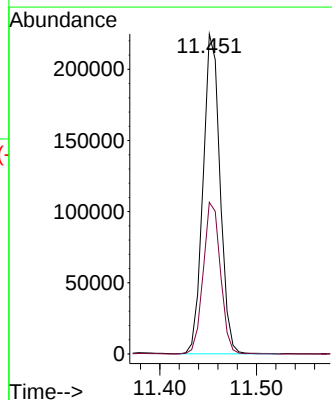
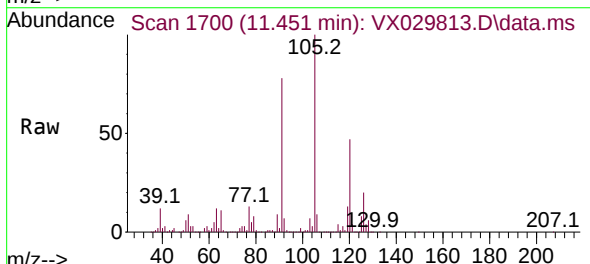
Manual Integrations
APPROVED

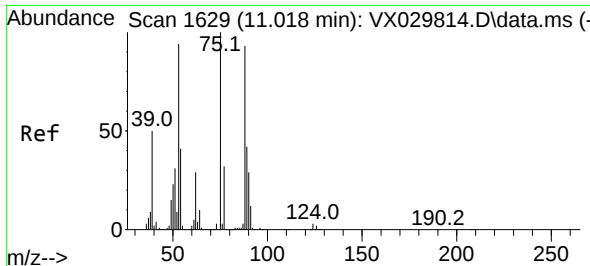
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.383 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion:105 Resp: 274346
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





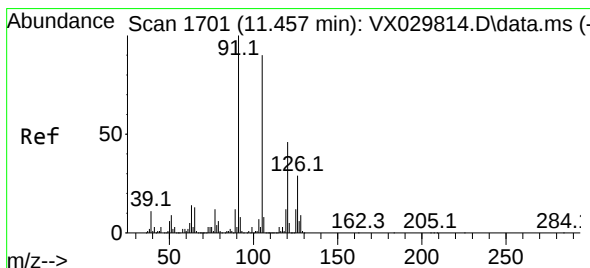
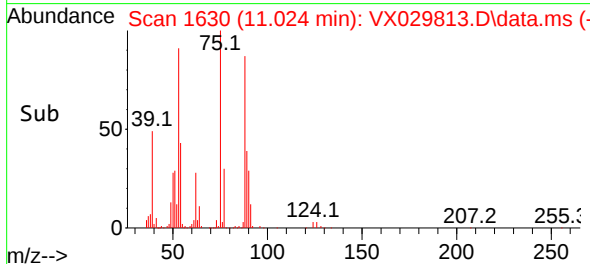
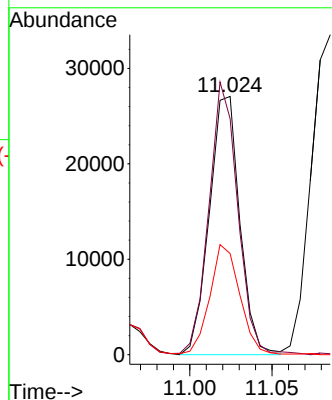
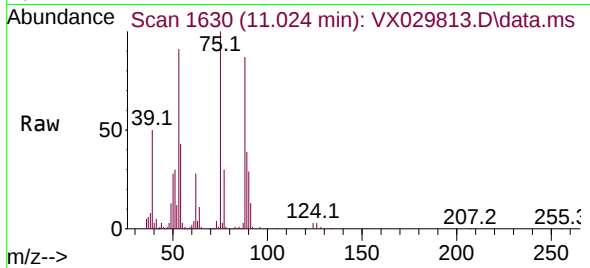
#81
trans-1,4-Dichloro-2-butene
Concen: 25.642 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 34879
Ion Ratio Lower Upper
75 100
53 100.3 69.0 103.4
89 42.3 37.0 55.6

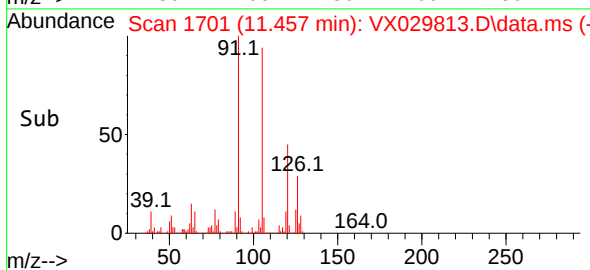
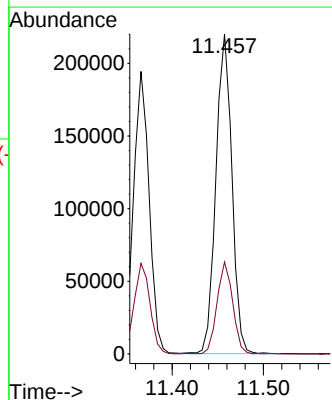
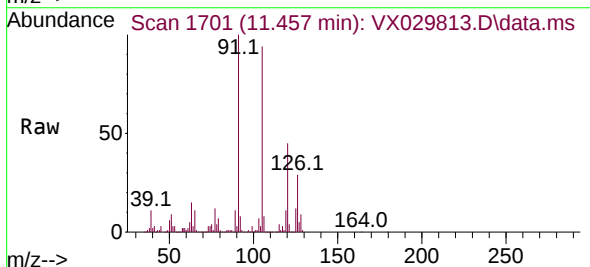
Manual Integrations
APPROVED

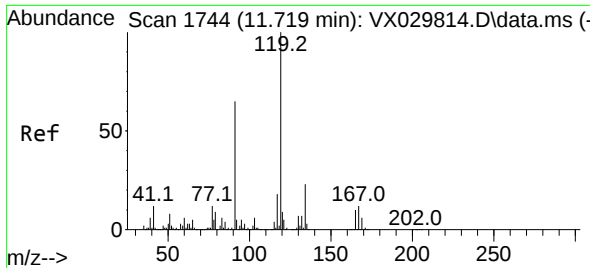
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#82
4-Chlorotoluene
Concen: 22.784 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

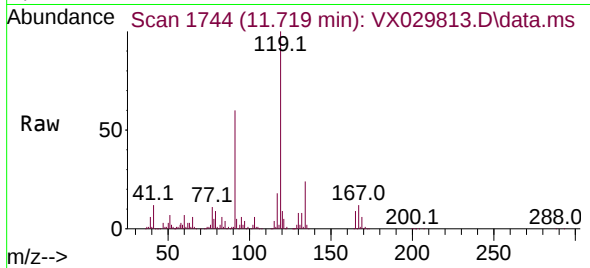
Tgt Ion: 91 Resp: 267506
Ion Ratio Lower Upper
91 100
126 28.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 22.186 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

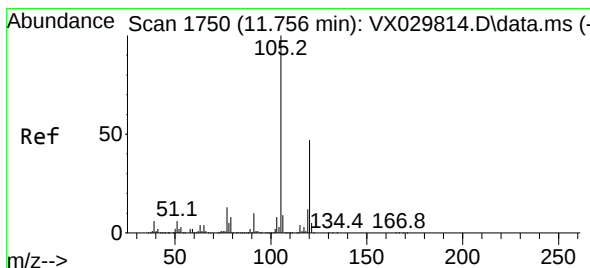
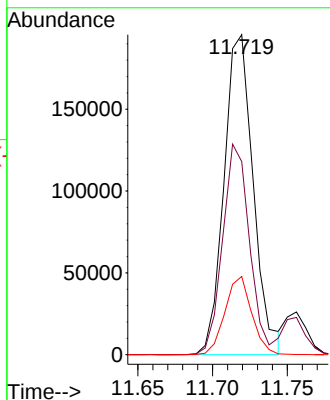
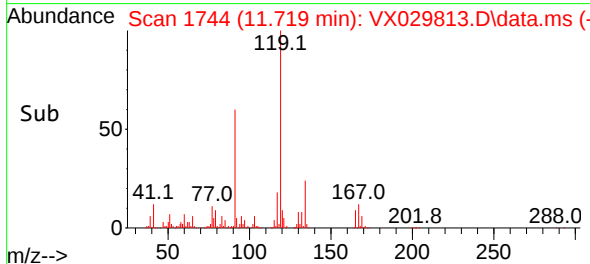
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



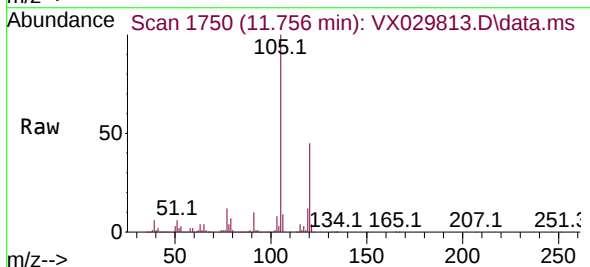
Tgt Ion:119 Resp: 266228
Ion Ratio Lower Upper
119 100
91 60.2 26.9 80.6
134 22.4 11.4 34.2

Manual Integrations
APPROVED

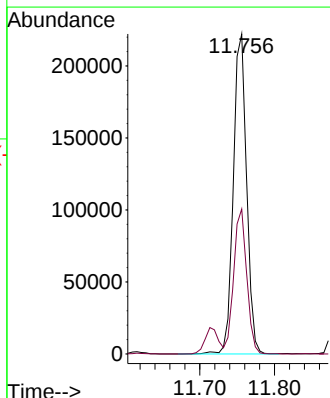
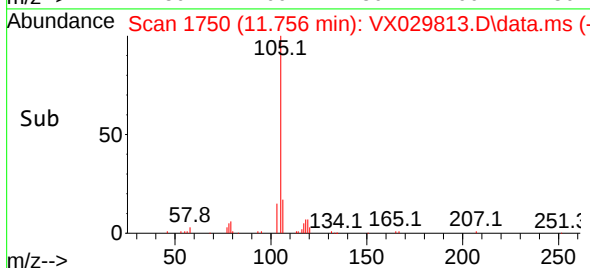
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

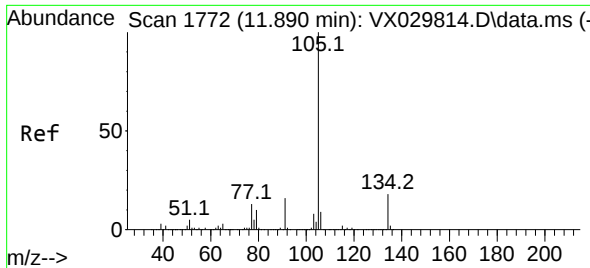


#84
1,2,4-Trimethylbenzene
Concen: 22.296 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35



Tgt Ion:105 Resp: 273934
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.8





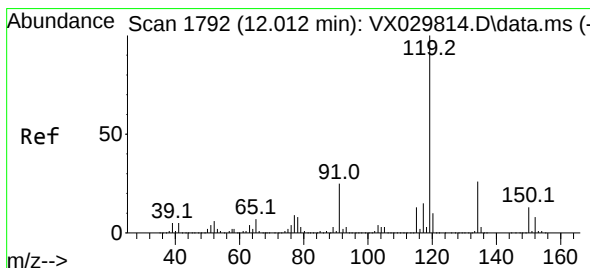
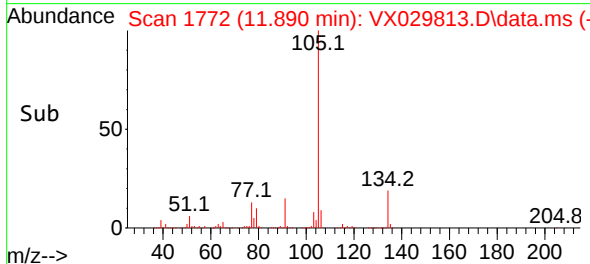
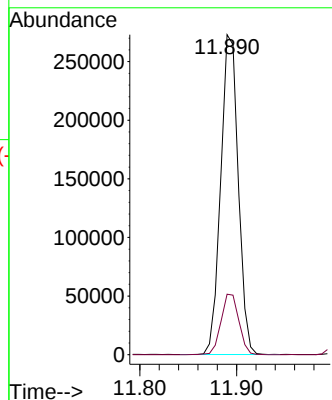
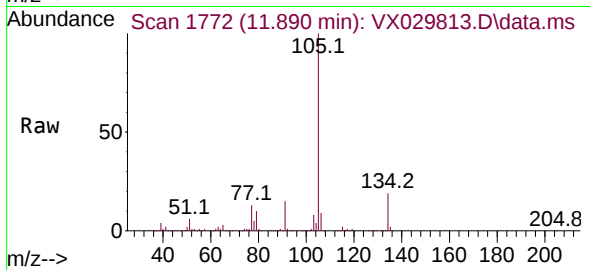
#85
 sec-Butylbenzene
 Concen: 22.913 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029813.D
 Acq: 27 Jun 2022 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 343224
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4

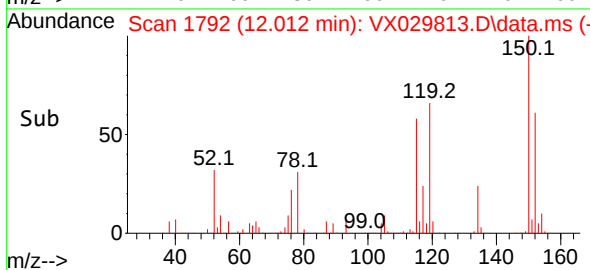
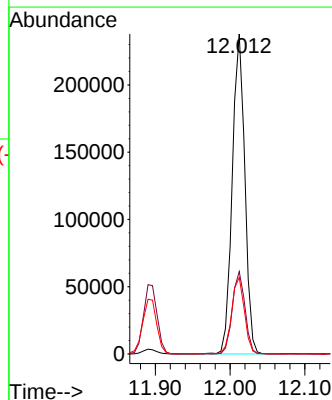
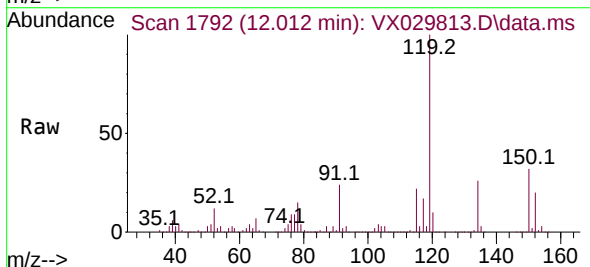
Manual Integrations
 APPROVED

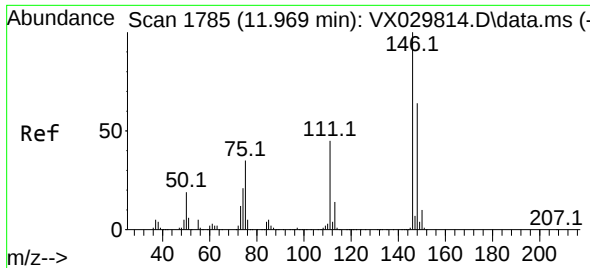
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#86
 p-Isopropyltoluene
 Concen: 22.355 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029813.D
 Acq: 27 Jun 2022 12:35

Tgt Ion:119 Resp: 278413
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.4 11.3 33.9





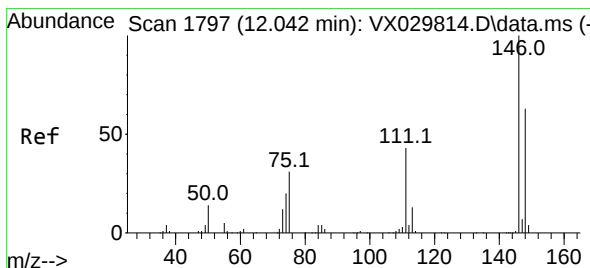
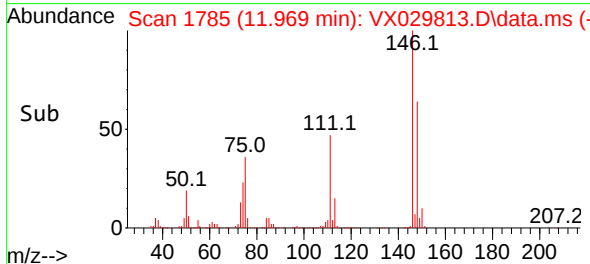
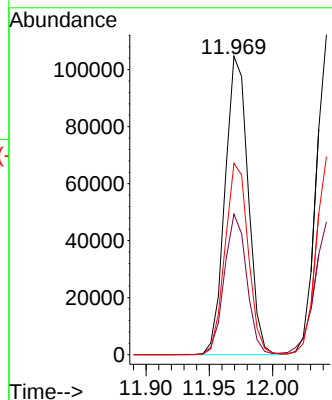
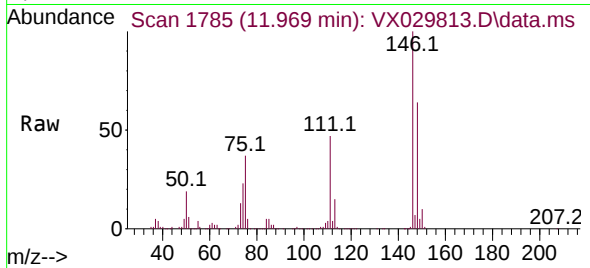
#87
1,3-Dichlorobenzene
Concen: 21.006 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 132552
Ion Ratio Lower Upper
146 100
111 45.9 19.7 59.1
148 64.4 31.6 94.7

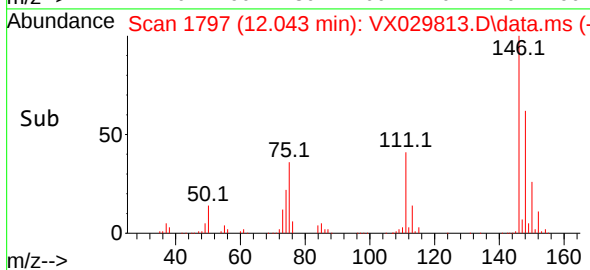
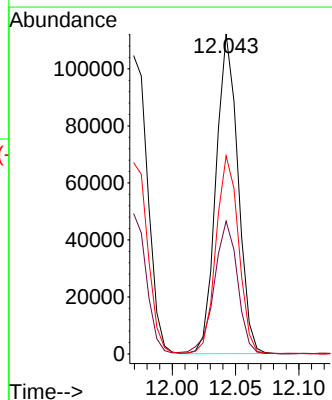
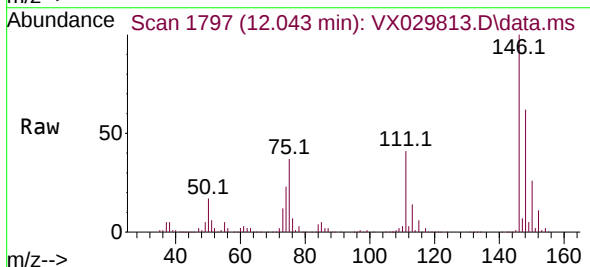
Manual Integrations
APPROVED

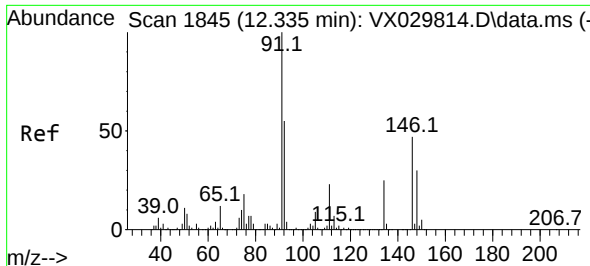
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#88
1,4-Dichlorobenzene
Concen: 21.465 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

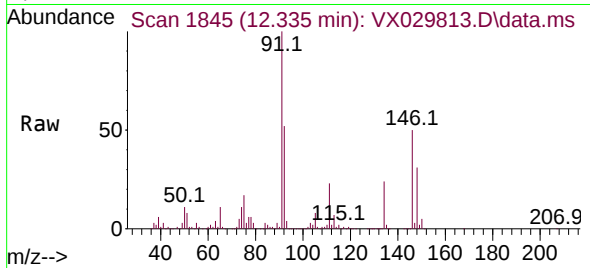
Tgt Ion:146 Resp: 135219
Ion Ratio Lower Upper
146 100
111 44.2 19.2 57.6
148 64.0 32.3 96.9





#89
n-Butylbenzene
Concen: 23.286 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

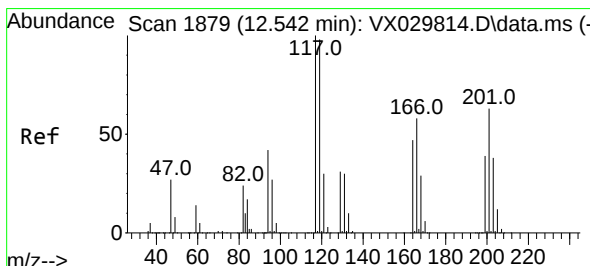
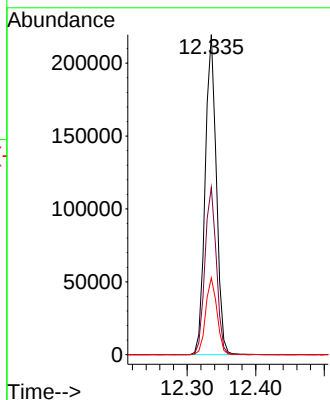
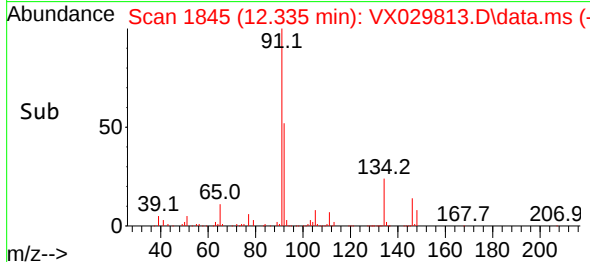
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 24976
Ion Ratio Lower Upper
91 100
92 53.5 27.8 83.3
134 24.3 13.3 39.8

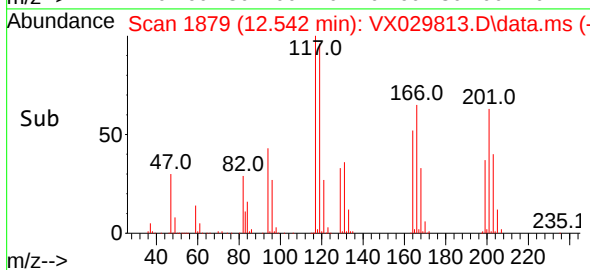
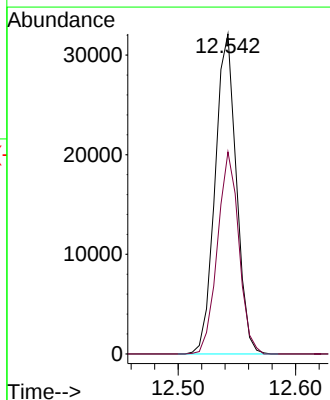
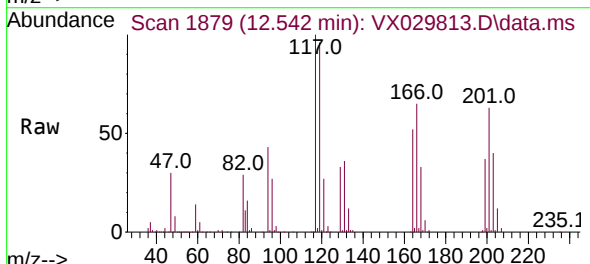
Manual Integrations
APPROVED

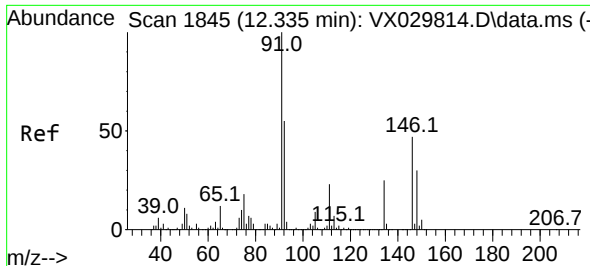
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 22.456 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

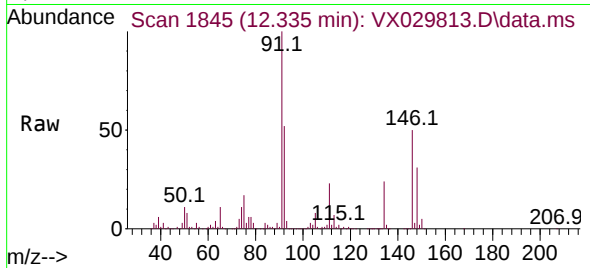
Tgt Ion:117 Resp: 40474
Ion Ratio Lower Upper
117 100
201 63.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 21.584 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

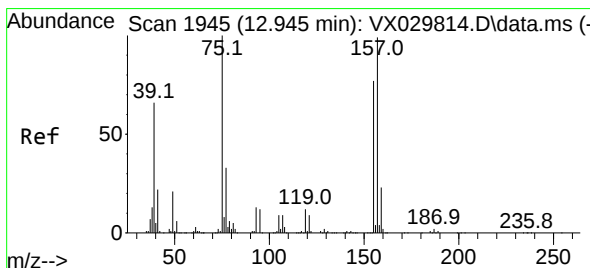
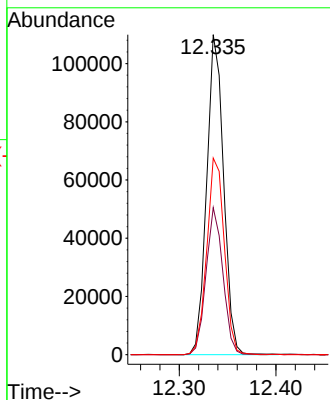
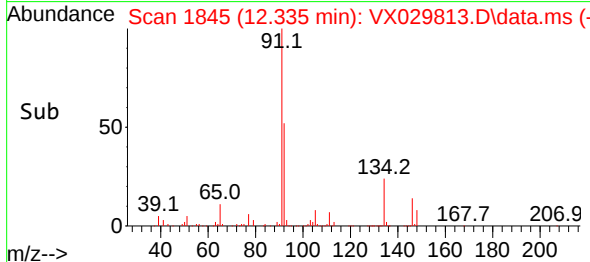
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 133754
Ion Ratio Lower Upper
146 100
111 46.0 21.0 63.0
148 63.9 32.6 97.7

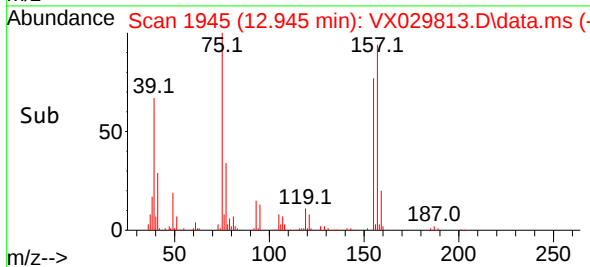
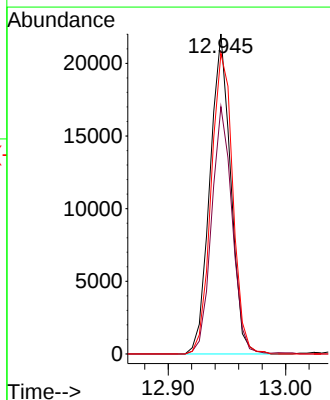
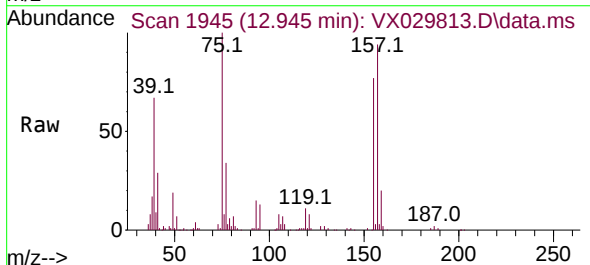
Manual Integrations
APPROVED

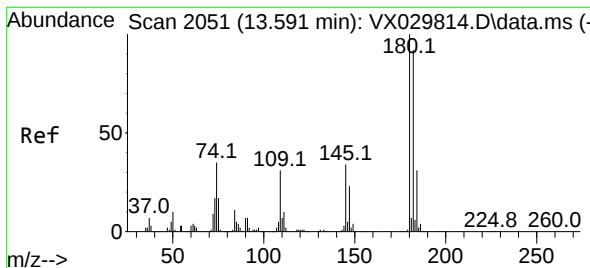
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.642 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion: 75 Resp: 27039
Ion Ratio Lower Upper
75 100
155 76.5 47.0 141.2
157 97.7 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 20.068 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

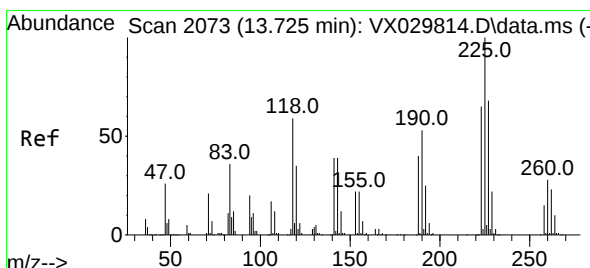
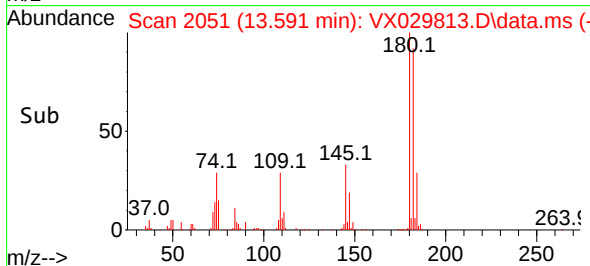
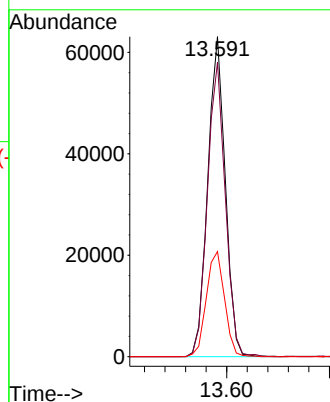
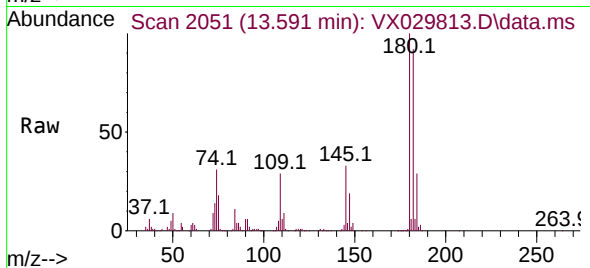
Tgt Ion:180	Resp:	75094
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.7 143.1
145	34.0	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#94

Hexachlorobutadiene

Concen: 18.086 ug/l

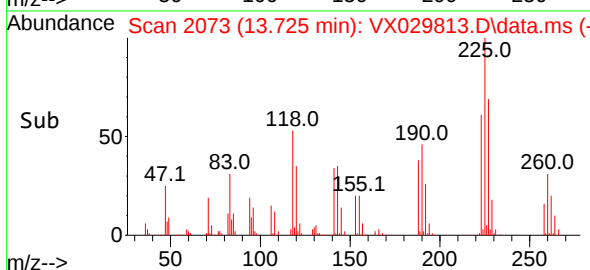
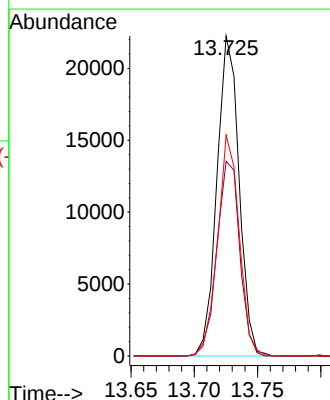
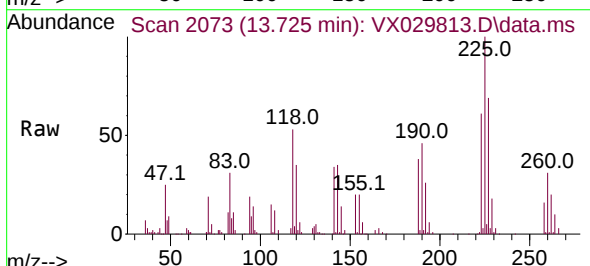
RT: 13.725 min Scan# 2073

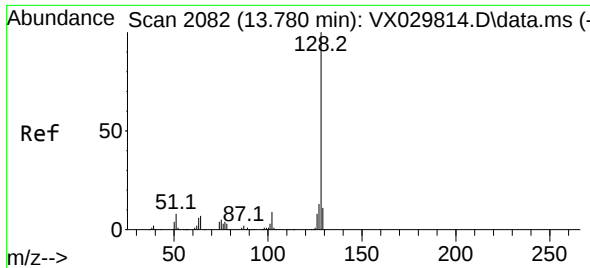
Delta R.T. 0.000 min

Lab File: VX029813.D

Acq: 27 Jun 2022 12:35

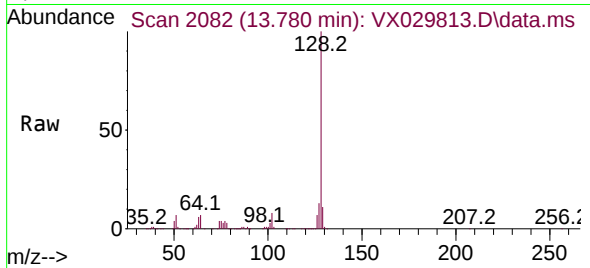
Tgt Ion:225	Resp:	27023
Ion Ratio	Lower	Upper
225	100	
223	63.0	34.2 102.5
227	67.2	33.9 101.7





#95
Naphthalene
Concen: 23.839 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

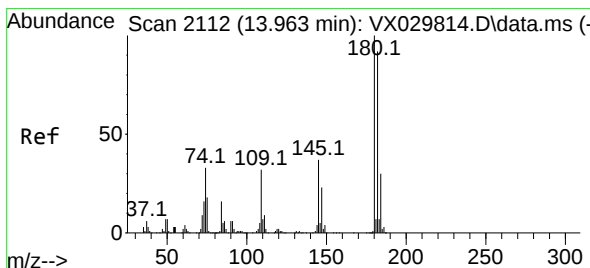
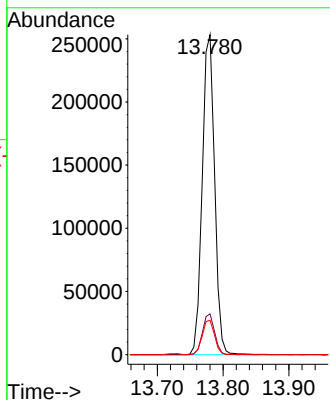
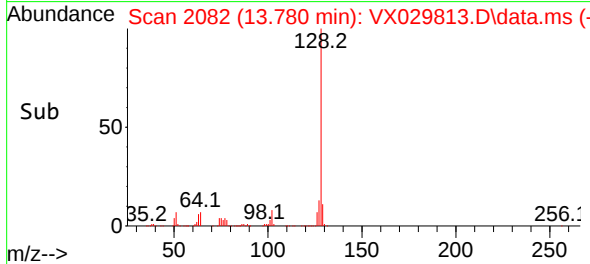
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 330728
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 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: 20.475 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029813.D
Acq: 27 Jun 2022 12:35

Tgt Ion:180 Resp: 77123
Ion Ratio Lower Upper
180 100
182 91.9 50.0 149.8
145 36.4 16.2 48.5

