

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029812.D
 Acq On : 27 Jun 2022 12:12
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 13:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:34:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	287274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	570186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45769	11.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.420%#		
35) Dibromofluoromethane	5.391	113	36710	9.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.940%#		
50) Toluene-d8	8.653	98	147943	10.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.780%#		
62) 4-Bromofluorobenzene	11.085	95	53279	10.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.940%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39954	11.372	ug/l	97
3) Chloromethane	1.288	50	43209	11.305	ug/l	99
4) Vinyl Chloride	1.374	62	46961	13.076	ug/l	99
5) Bromomethane	1.611	94	13479	8.381	ug/l	97
6) Chloroethane	1.685	64	25567	12.627	ug/l	99
7) Trichlorofluoromethane	1.886	101	51739	10.792	ug/l	98
8) Diethyl Ether	2.136	74	24325	12.537	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	36572	11.927	ug/l	92
10) Methyl Iodide	2.453	142	40193	12.851	ug/l	96
11) Tert butyl alcohol	2.983	59	66174	65.684	ug/l	95
12) 1,1-Dichloroethene	2.319	96	36126	12.030	ug/l	98
13) Acrolein	2.239	56	40459	128.116	ug/l	98
14) Allyl chloride	2.666	41	68065	13.619	ug/l	93
15) Acrylonitrile	3.068	53	136118	71.172	ug/l	99
16) Acetone	2.386	43	108868	67.430	ug/l	100
17) Carbon Disulfide	2.514	76	98403	12.553	ug/l	99
18) Methyl Acetate	2.709	43	64624	14.895	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	126975	12.211	ug/l	95
20) Methylene Chloride	2.788	84	44435	12.608	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	39636	12.112	ug/l	93
22) Diisopropyl ether	3.763	45	134762	13.604	ug/l #	82
23) Vinyl Acetate	3.727	43	593987	71.347	ug/l	95
24) 1,1-Dichloroethane	3.611	63	74663	12.789	ug/l	99
25) 2-Butanone	4.562	43	187047	72.235	ug/l	95
26) 2,2-Dichloropropane	4.477	77	51234	11.556	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	48256	12.575	ug/l	97
28) Bromochloromethane	4.904	49	25229	11.410	ug/l	88
29) Tetrahydrofuran	5.013	42	126570	73.140	ug/l	90
30) Chloroform	5.099	83	71838	11.859	ug/l	92
31) Cyclohexane	5.471	56	70107	12.850	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	56030	10.683	ug/l	97
36) 1,1-Dichloropropene	5.702	75	55052	10.861	ug/l	96
37) Ethyl Acetate	4.721	43	70123	13.041	ug/l	98
38) Carbon Tetrachloride	5.678	117	43812	9.077	ug/l	92
39) Methylcyclohexane	7.385	83	70155	11.111	ug/l	93
40) Benzene	6.044	78	175848	11.585	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39048	13.711	ug/l	93
42) 1,2-Dichloroethane	6.092	62	55083	10.664	ug/l	99
43) Isopropyl Acetate	6.348	43	104335	12.540	ug/l	97
44) Trichloroethene	7.129	130	44070	8.718	ug/l	90
45) 1,2-Dichloropropane	7.434	63	46179	12.300	ug/l	95
46) Dibromomethane	7.586	93	29726	11.277	ug/l #	86
47) Bromodichloromethane	7.824	83	53304	10.578	ug/l #	99
48) Methyl methacrylate	7.696	41	50756	12.463	ug/l	91
49) 1,4-Dioxane	7.684	88	24544	237.222	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	353759	65.680	ug/l	93
52) Toluene	8.720	92	106348	11.137	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	55557	10.822	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	64098	11.061	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	42981	11.083	ug/l	89
56) Ethyl methacrylate	9.116	69	74062	12.456	ug/l	93
57) 1,3-Dichloropropane	9.311	76	74600	11.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	166832	59.436	ug/l	93
59) 2-Hexanone	9.433	43	277753	67.661	ug/l	91
60) Dibromochloromethane	9.525	129	36069	9.793	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44008	10.969	ug/l	96
64) Tetrachloroethene	9.275	164	30346	8.773	ug/l #	89
65) Chlorobenzene	10.079	112	110788	11.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	35919	10.443	ug/l	94
67) Ethyl Benzene	10.195	91	197741	11.202	ug/l	100
68) m/p-Xylenes	10.305	106	149272	21.828	ug/l	96
69) o-Xylene	10.646	106	73681	10.936	ug/l	98
70) Styrene	10.659	104	120415	10.947	ug/l	97
71) Bromoform	10.799	173	23124	9.576	ug/l #	99
73) Isopropylbenzene	10.963	105	187679	11.456	ug/l	99
74) N-amyl acetate	10.848	43	90203	14.897	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72060	13.171	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	62437m	12.781	ug/l	
77) Bromobenzene	11.201	156	40445	10.966	ug/l	79
78) n-propylbenzene	11.305	91	221582	11.817	ug/l	99
79) 2-Chlorotoluene	11.366	91	136187	11.848	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	154745	11.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19470	12.809	ug/l	87
82) 4-Chlorotoluene	11.457	91	148203	11.296	ug/l	100
83) tert-Butylbenzene	11.719	119	148748	11.093	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	155019	11.291	ug/l	99
85) sec-Butylbenzene	11.890	105	192720	11.513	ug/l	98
86) p-Isopropyltoluene	12.012	119	151244	10.867	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	77918	11.050	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	76950	10.931	ug/l	95
89) n-Butylbenzene	12.335	91	137913	11.506	ug/l	97
90) Hexachloroethane	12.542	117	21952	10.899	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	75648	10.924	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15300	12.478	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	42257	10.105	ug/l	96
94) Hexachlorobutadiene	13.725	225	14989	8.977	ug/l	93
95) Naphthalene	13.774	128	184662	11.911	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44125	10.483	ug/l	93

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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

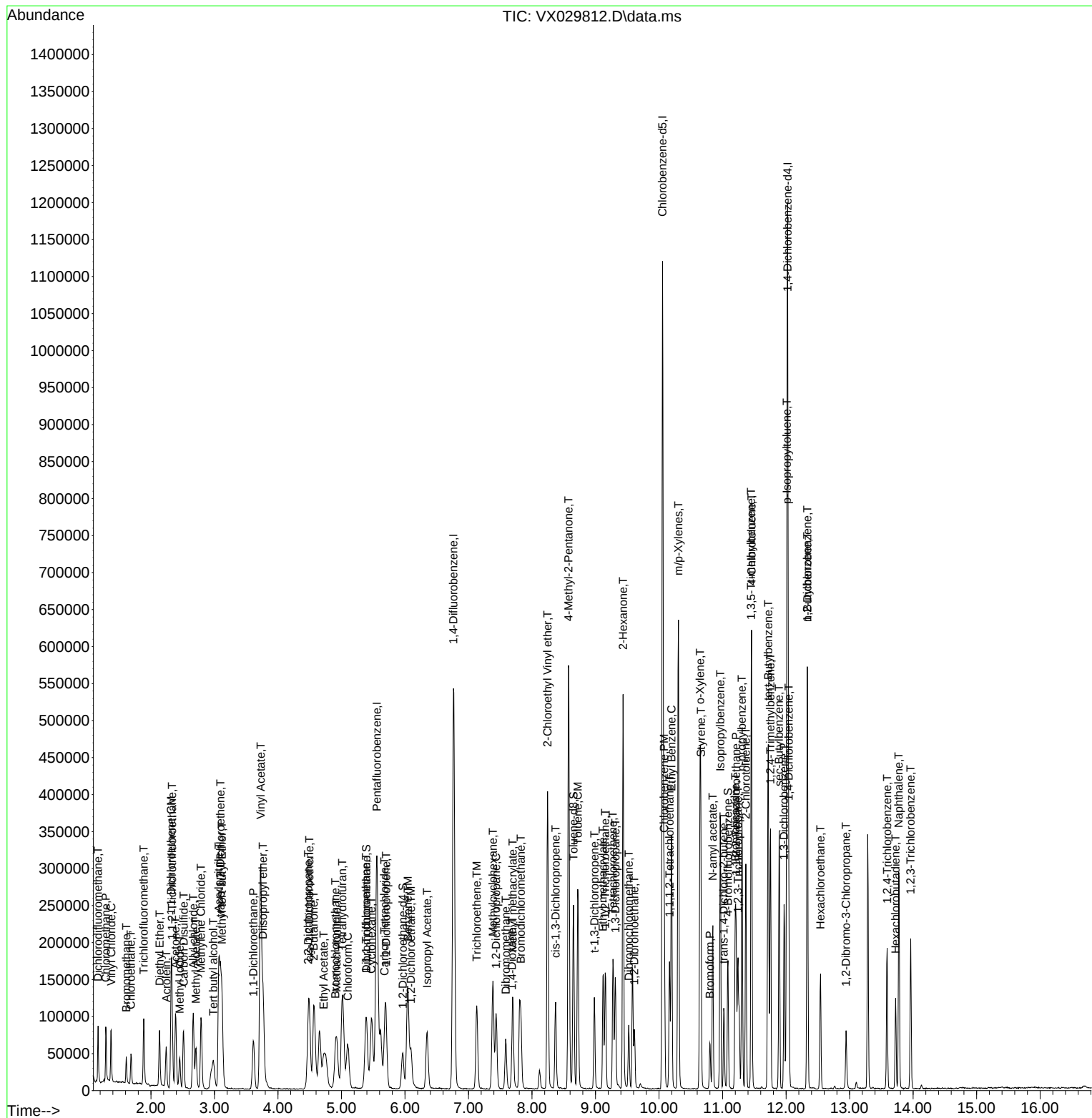
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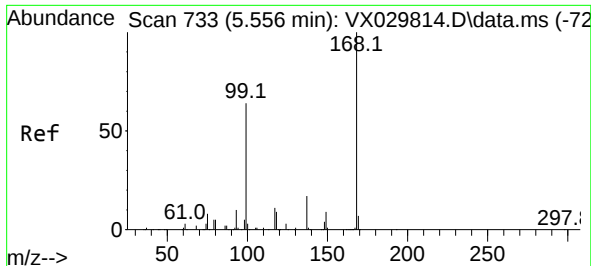
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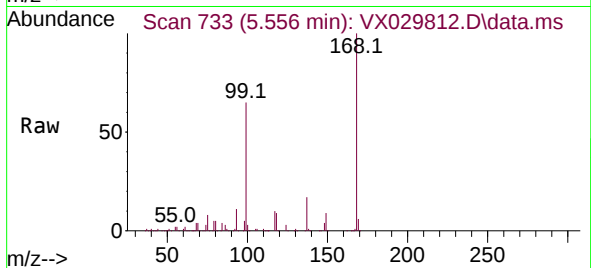
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

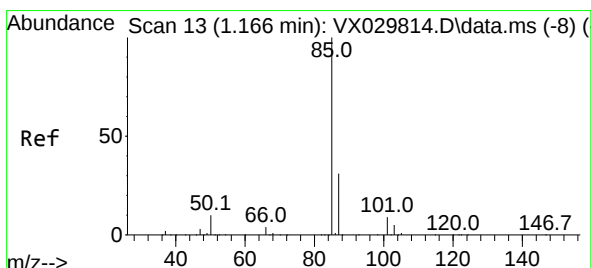
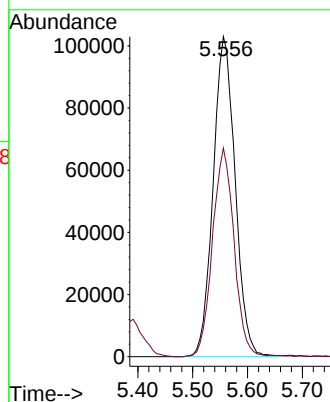
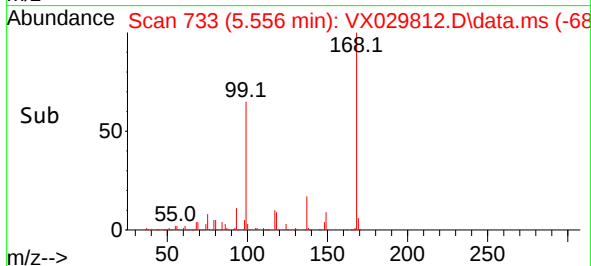
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 287274
Ion Ratio Lower Upper
168 100
99 65.2 41.7 62.5

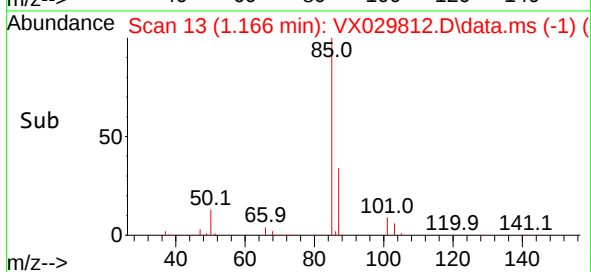
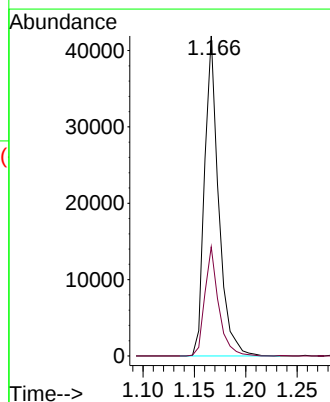
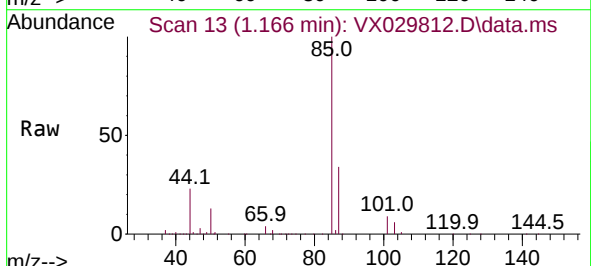
Manual Integrations
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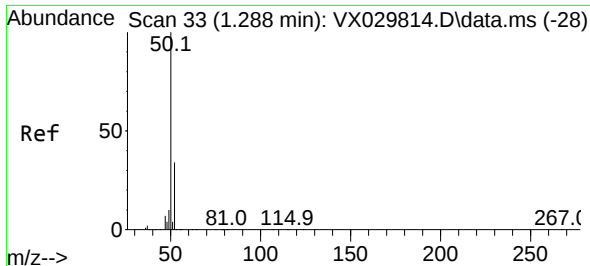
Reviewed By :John Carlone 06/28/2022
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#2
Dichlorodifluoromethane
Concen: 11.372 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

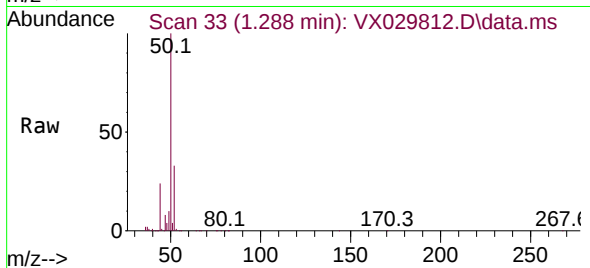
Tgt Ion: 85 Resp: 39954
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6





#3
Chloromethane
Concen: 11.305 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

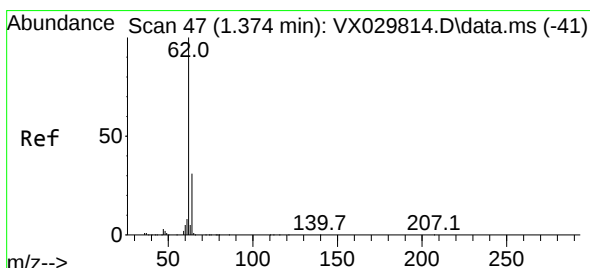
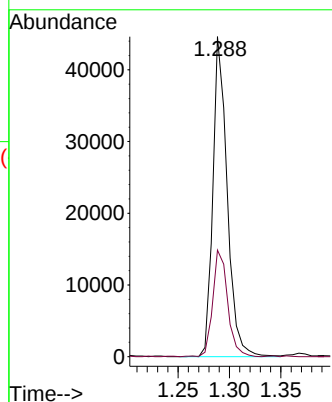
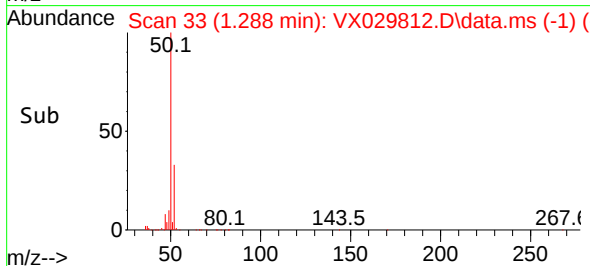
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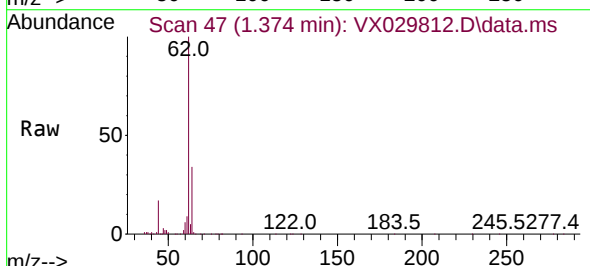
Tgt Ion: 50 Resp: 43209
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

Manual Integrations
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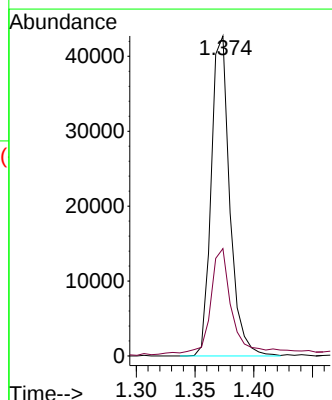
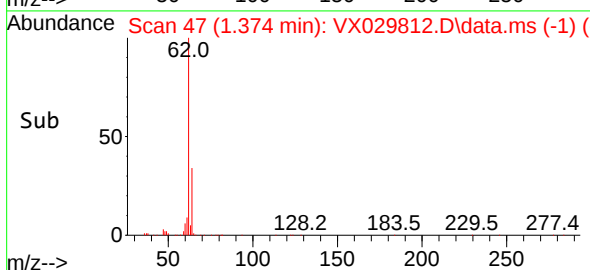
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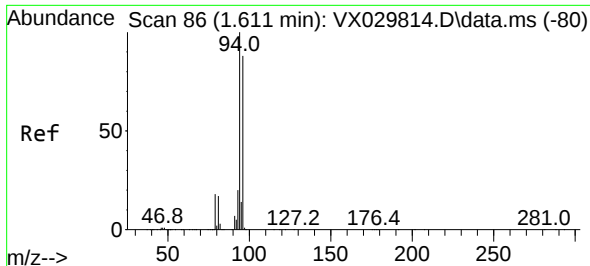


#4
Vinyl Chloride
Concen: 13.076 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



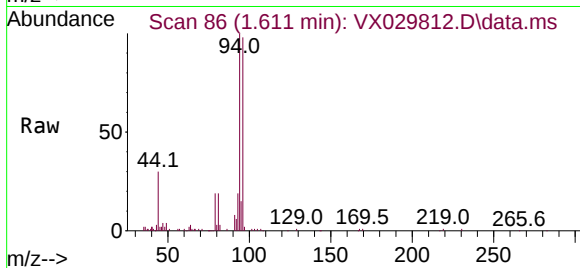
Tgt Ion: 62 Resp: 46961
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 8.381 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

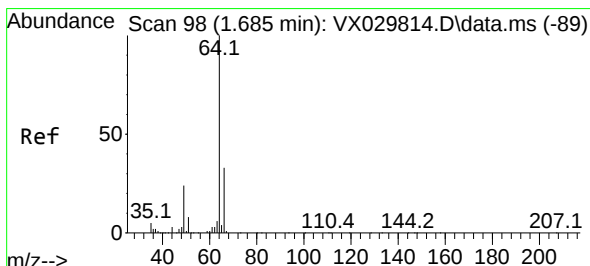
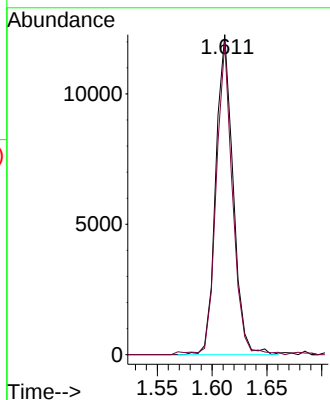
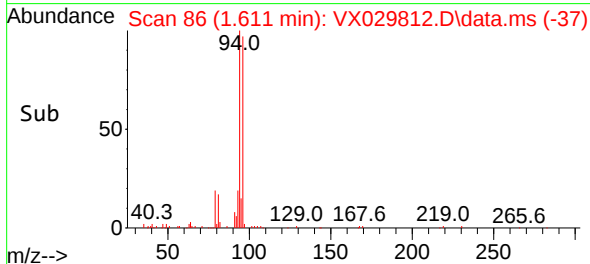
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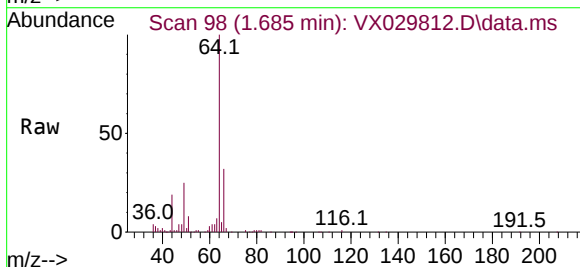
Tgt Ion: 94 Resp: 13479
Ion Ratio Lower Upper
94 100
96 96.8 75.3 112.9

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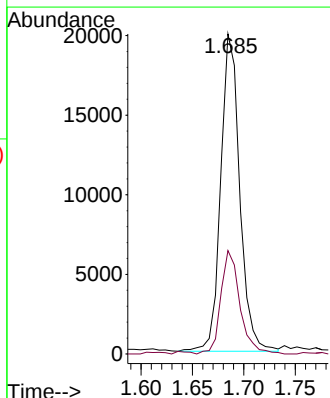
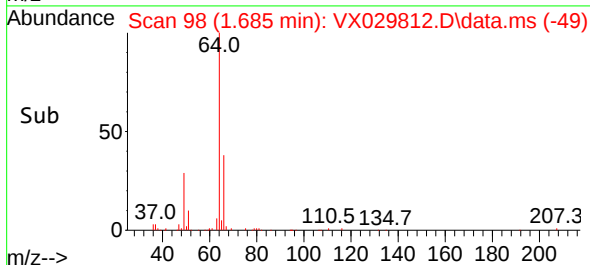
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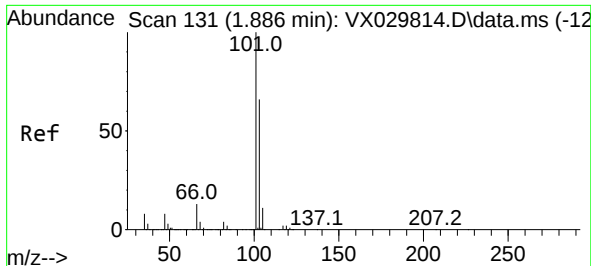


#6
Chloroethane
Concen: 12.627 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



Tgt Ion: 64 Resp: 25567
Ion Ratio Lower Upper
64 100
66 32.1 25.3 37.9





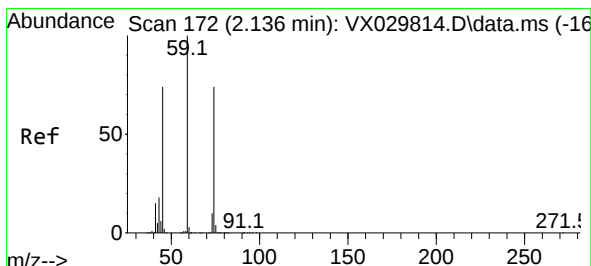
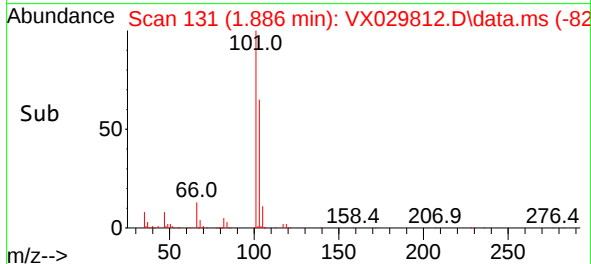
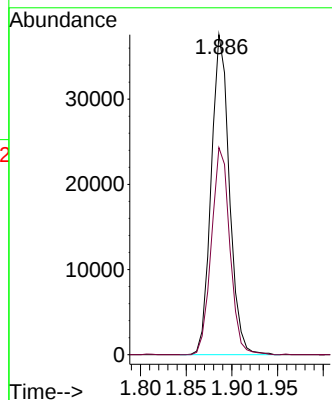
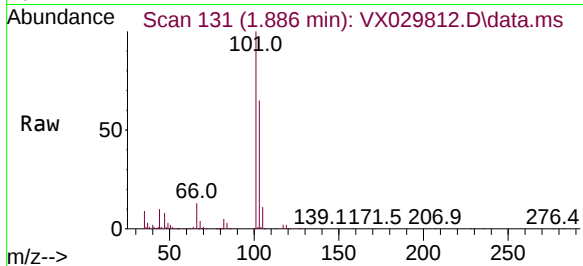
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 Trichlorofluoromethane
 Concen: 10.792 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX029812.D
 Acq: 27 Jun 2022 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 51739
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.5 75.7

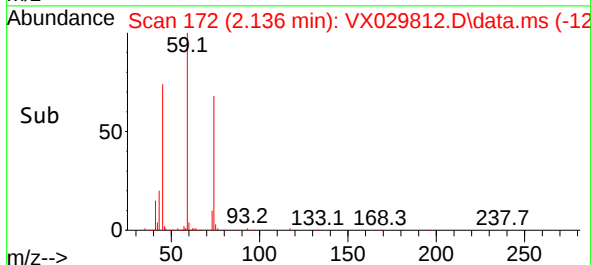
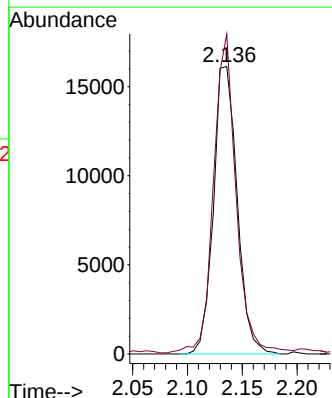
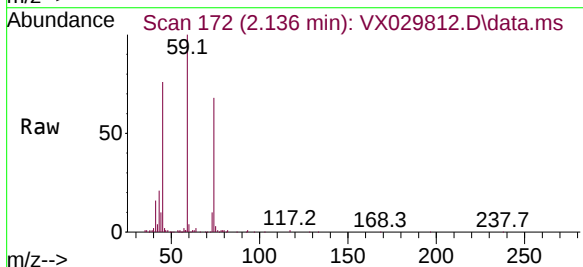
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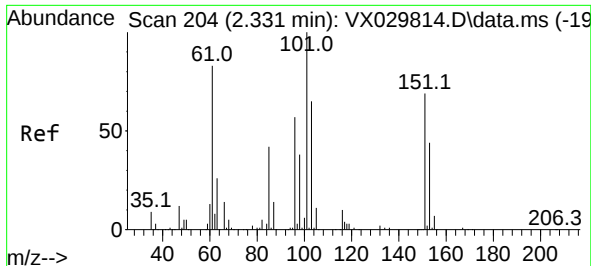
Reviewed By :John Carlone 06/28/2022
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#8
 Diethyl Ether
 Concen: 12.537 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX029812.D
 Acq: 27 Jun 2022 12:12

Tgt Ion: 74 Resp: 24325
 Ion Ratio Lower Upper
 74 100
 45 104.3 42.0 126.0





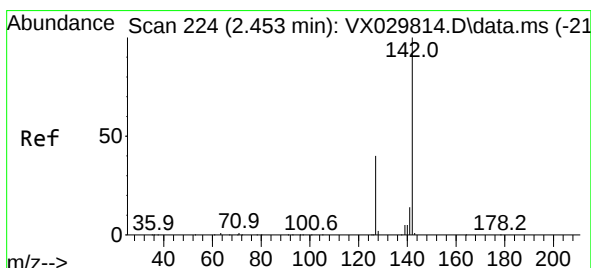
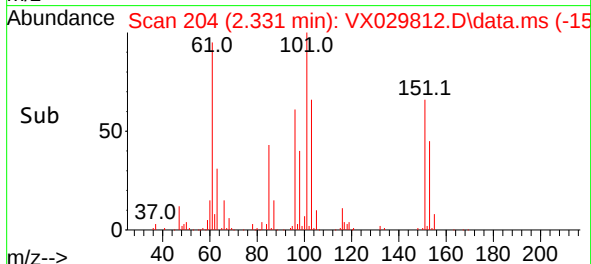
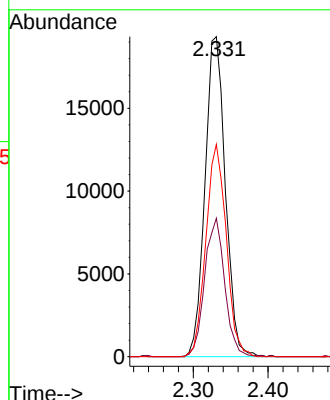
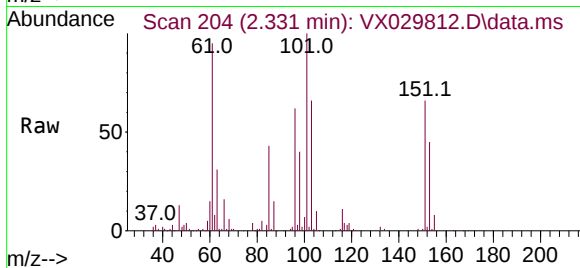
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.927 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 36572
Ion Ratio Lower Upper
101 100
85 42.7 33.5 50.3
151 66.5 61.8 92.6

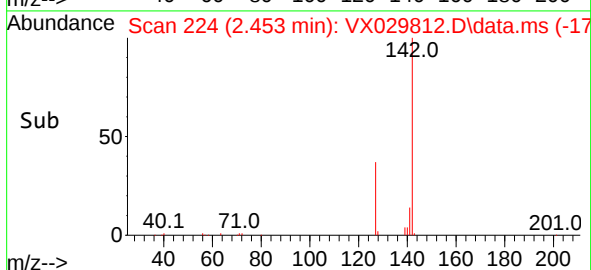
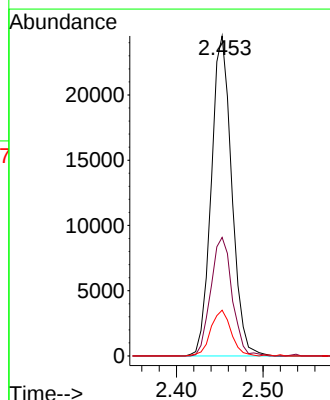
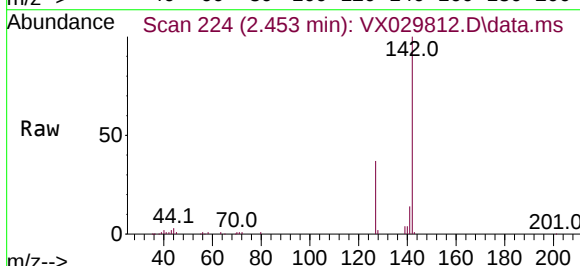
Manual Integrations
APPROVED

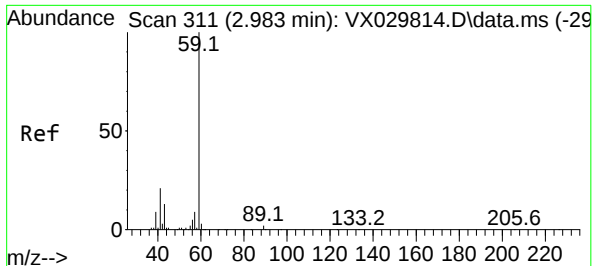
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Methyl Iodide
Concen: 12.851 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

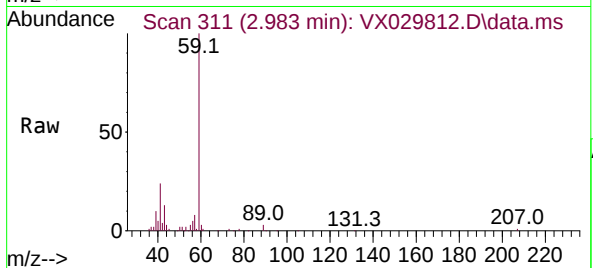
Tgt Ion:142 Resp: 40193
Ion Ratio Lower Upper
142 100
127 38.7 33.9 50.9
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 65.684 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

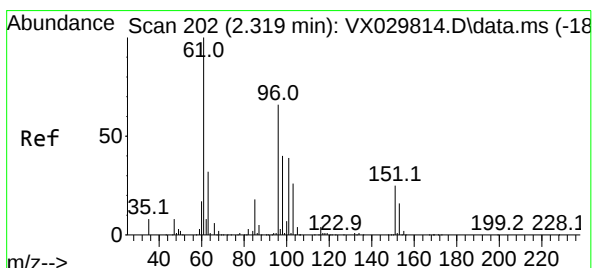
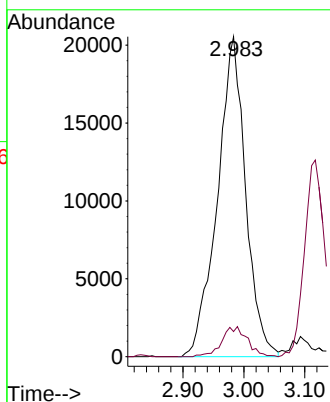
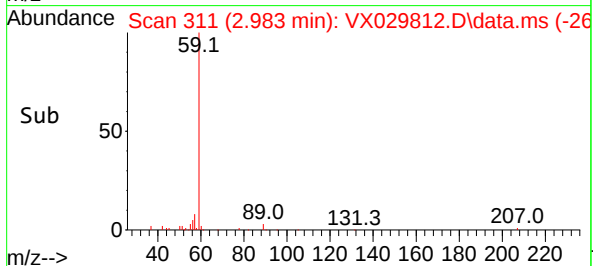
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



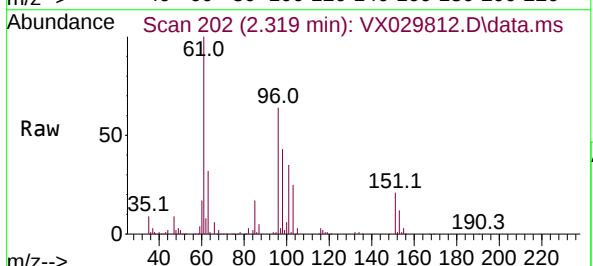
Tgt Ion: 59 Resp: 66174
Ion Ratio Lower Upper
59 100
57 8.5 8.3 12.5

Manual Integrations
APPROVED

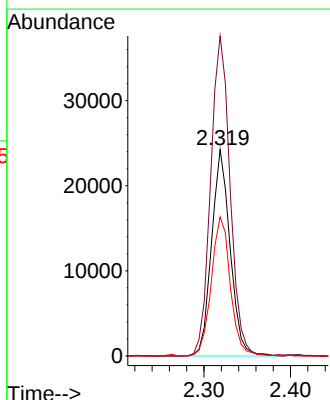
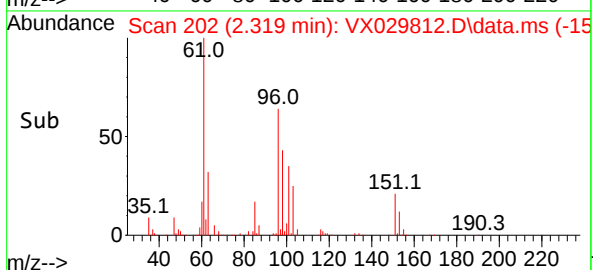
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

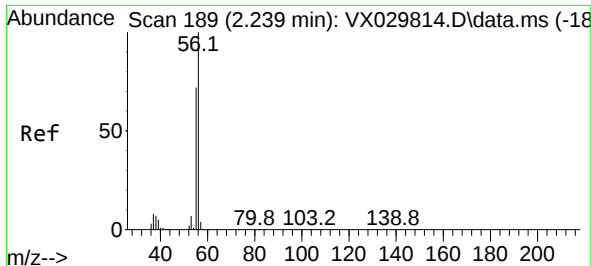


#12
1,1-Dichloroethene
Concen: 12.030 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



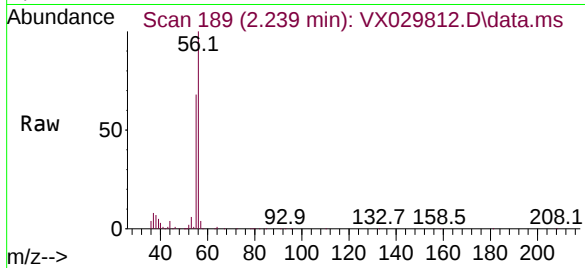
Tgt Ion: 96 Resp: 36126
Ion Ratio Lower Upper
96 100
61 155.1 124.6 187.0
98 67.3 51.0 76.4





#13
Acrolein
Concen: 128.116 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

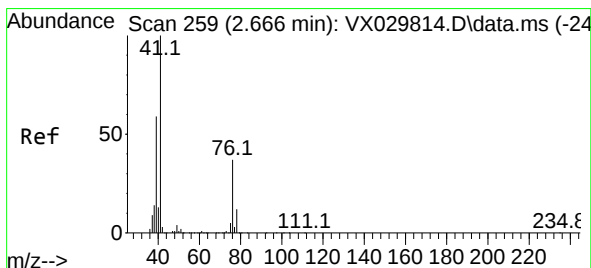
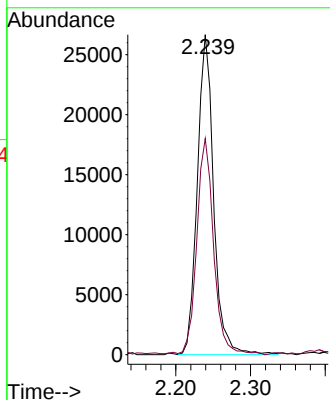
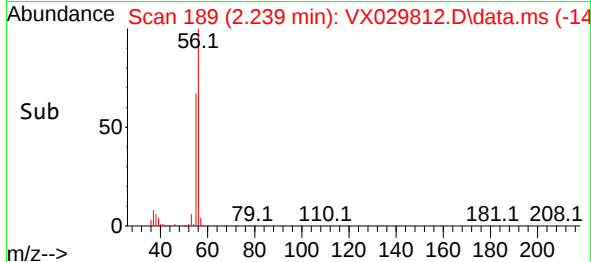
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



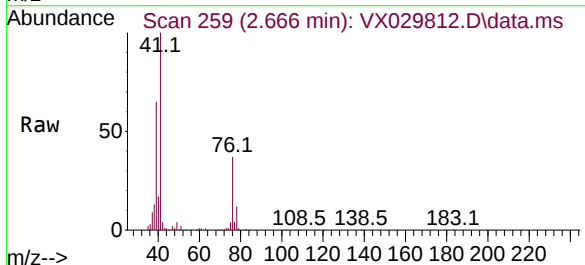
Tgt Ion: 56 Resp: 40459
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.6

Manual Integrations
APPROVED

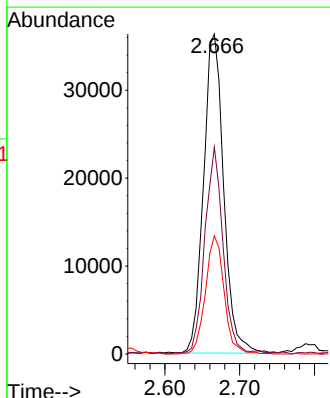
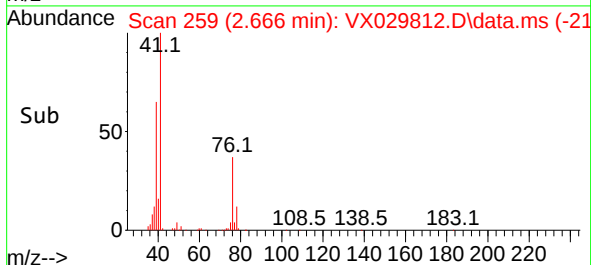
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

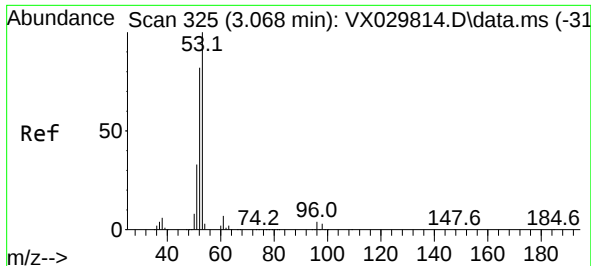


#14
Allyl chloride
Concen: 13.619 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



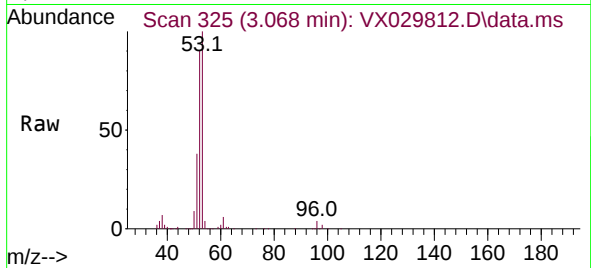
Tgt Ion: 41 Resp: 68065
Ion Ratio Lower Upper
41 100
39 59.3 50.4 75.6
76 34.3 32.7 49.1





#15
Acrylonitrile
Concen: 71.172 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

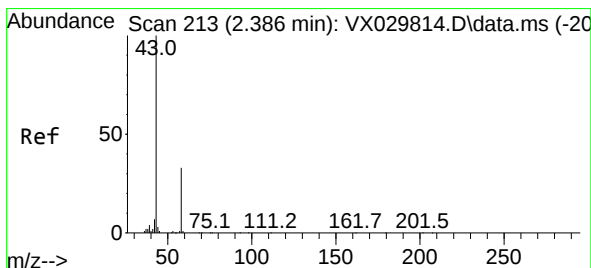
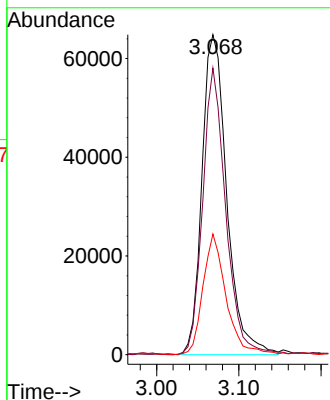
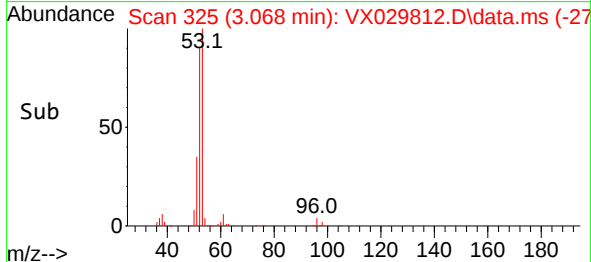
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 136118
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 35.4 28.4 42.6

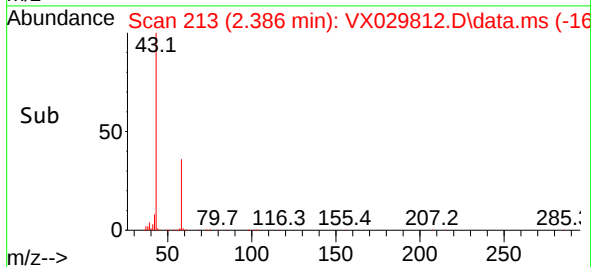
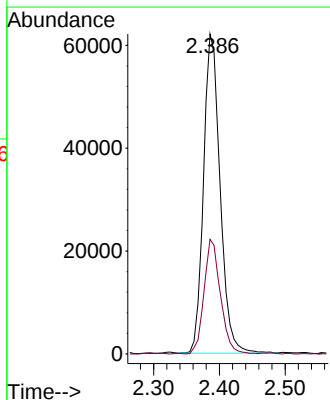
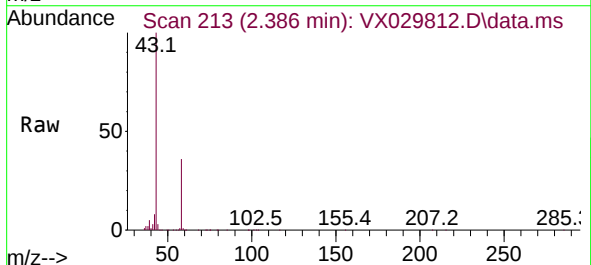
Manual Integrations
APPROVED

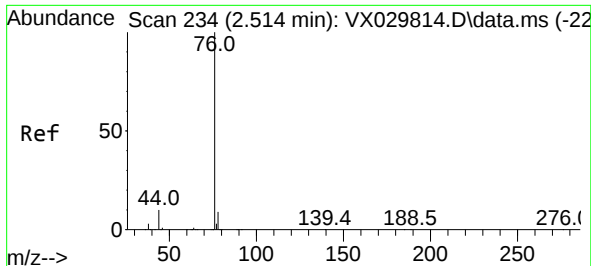
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Acetone
Concen: 67.430 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 43 Resp: 108868
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2





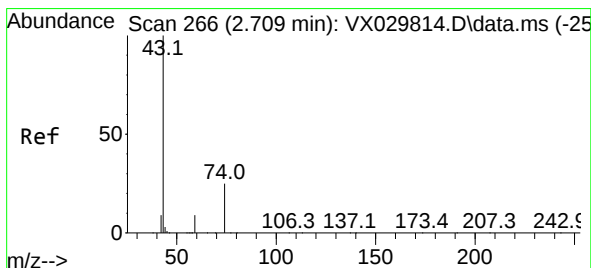
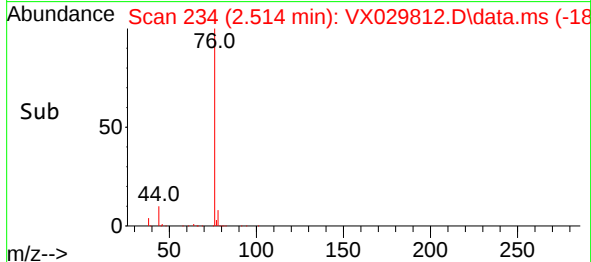
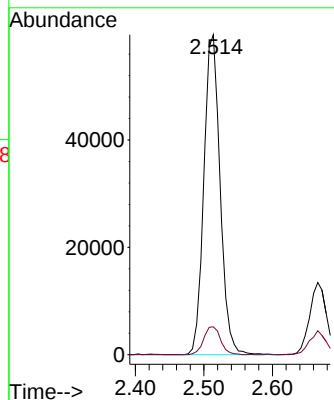
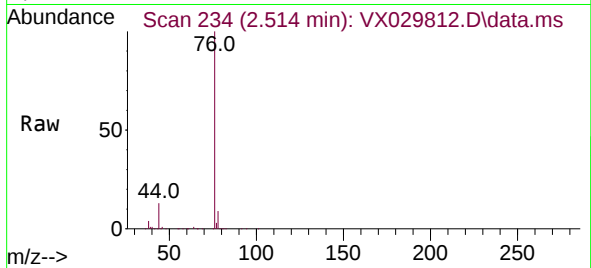
#17
Carbon Disulfide
Concen: 12.553 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 9840
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

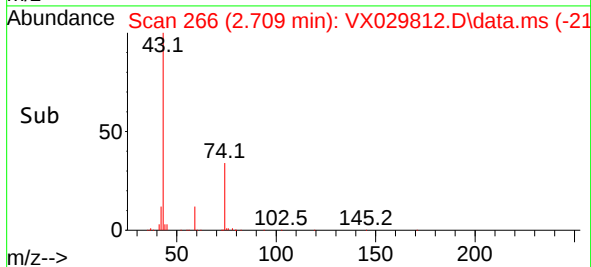
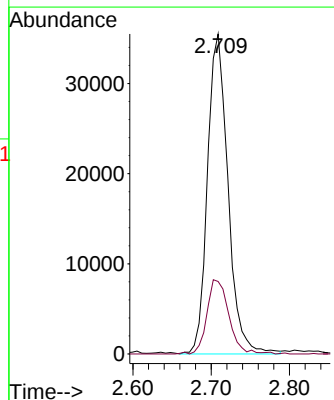
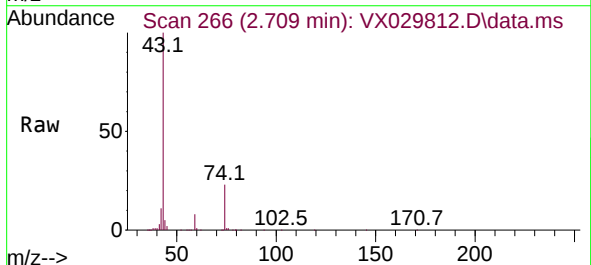
Manual Integrations
APPROVED

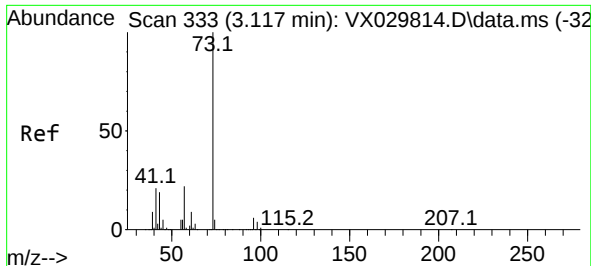
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 14.895 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 43 Resp: 64624
Ion Ratio Lower Upper
43 100
74 24.8 22.8 34.2





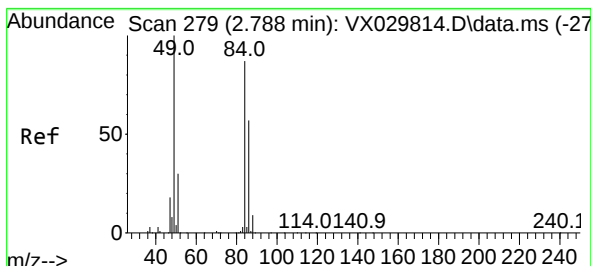
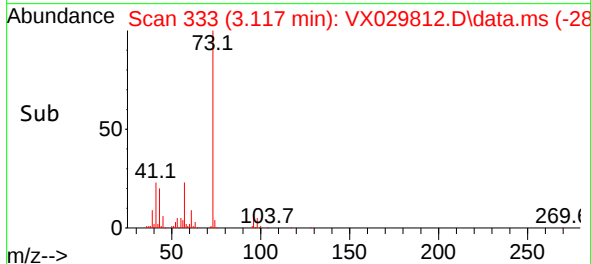
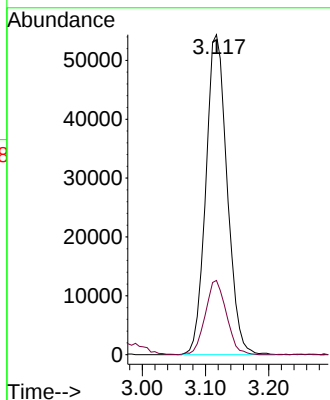
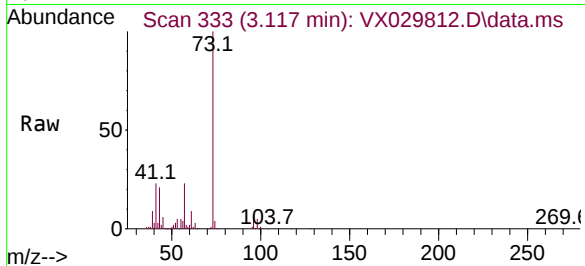
#19
Methyl tert-butyl Ether
Concen: 12.211 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 126975
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

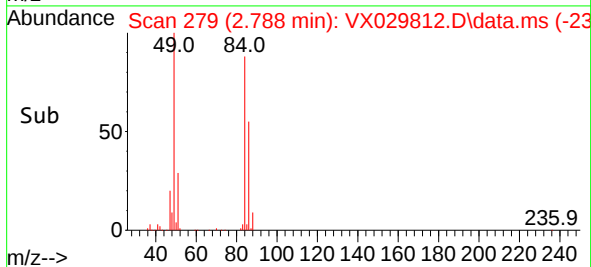
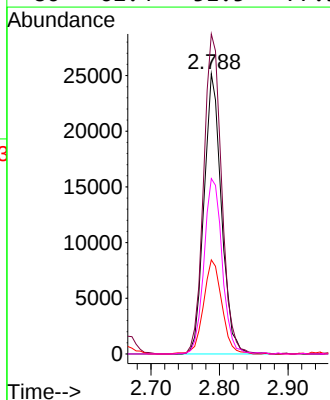
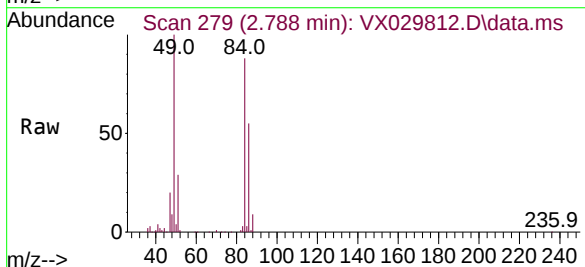
Manual Integrations
APPROVED

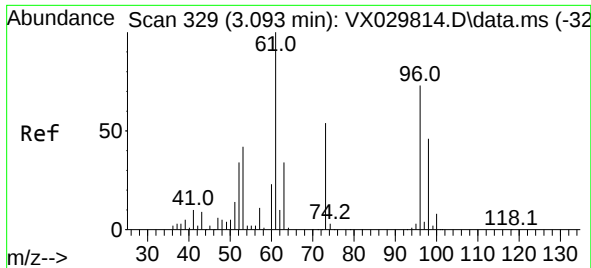
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 12.608 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

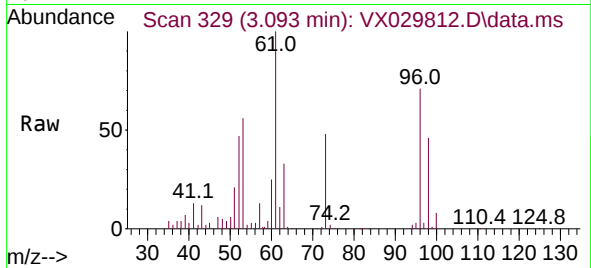
Tgt Ion: 84 Resp: 44435
Ion Ratio Lower Upper
84 100
49 114.2 85.5 128.3
51 33.6 26.6 39.8
86 62.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 12.112 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

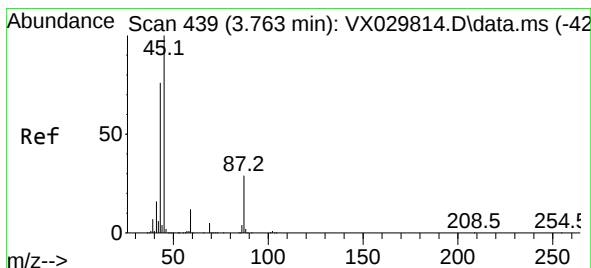
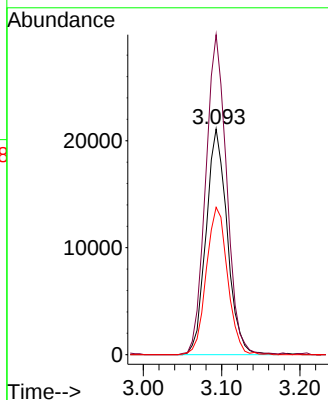
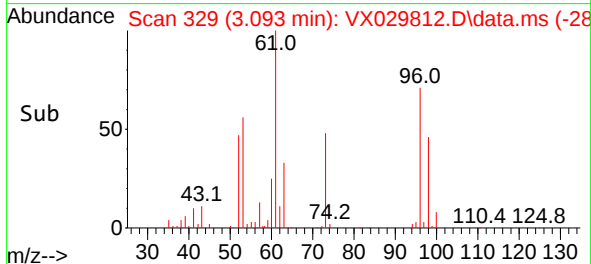
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



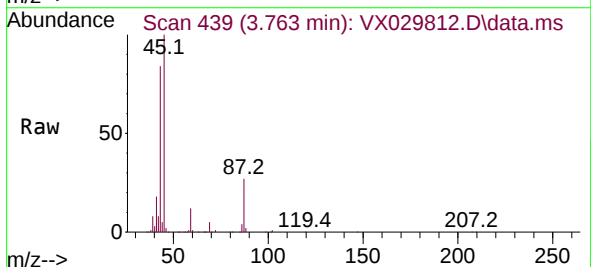
Tgt Ion: 96 Resp: 39630
Ion Ratio Lower Upper
96 100
61 141.4 105.4 158.2
98 65.3 50.0 75.0

Manual Integrations
APPROVED

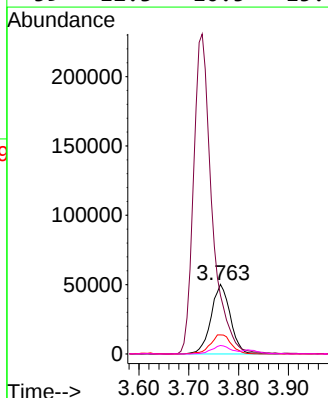
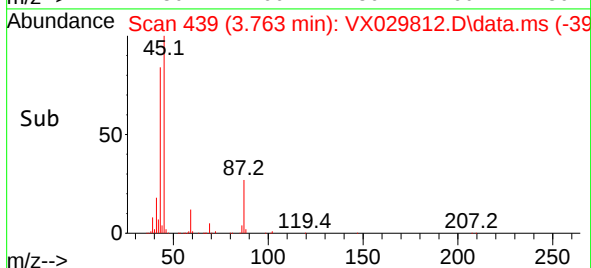
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

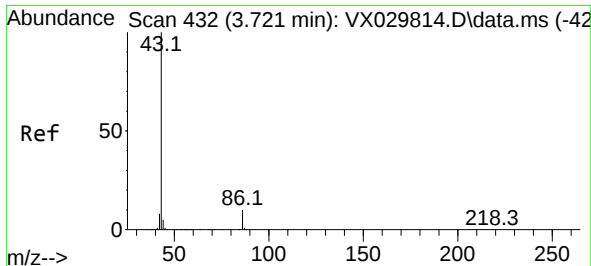


#22
Diisopropyl ether
Concen: 13.604 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



Tgt Ion: 45 Resp: 134762
Ion Ratio Lower Upper
45 100
43 83.6 50.8 76.2#
87 27.4 26.6 39.8
59 12.3 10.5 15.7





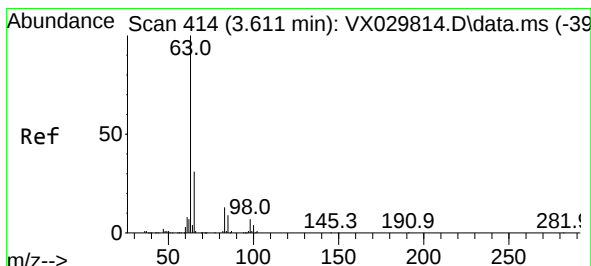
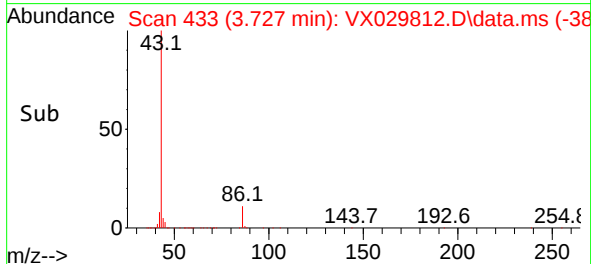
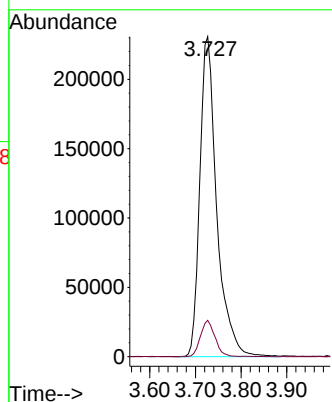
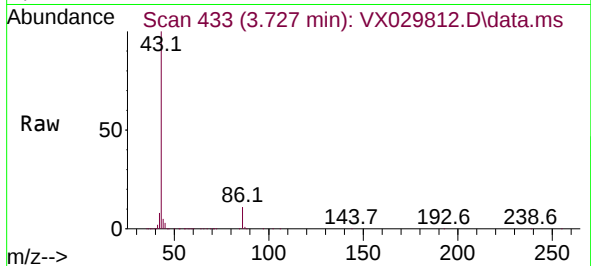
#23
 Vinyl Acetate
 Concen: 71.347 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX029812.D
 Acq: 27 Jun 2022 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 59398
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.8 16.2

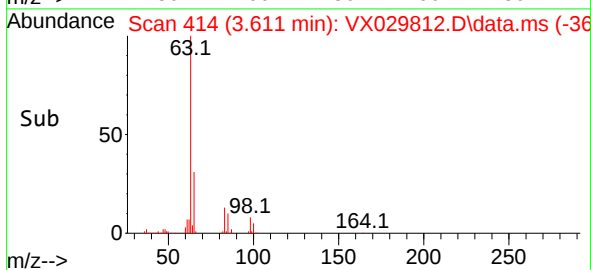
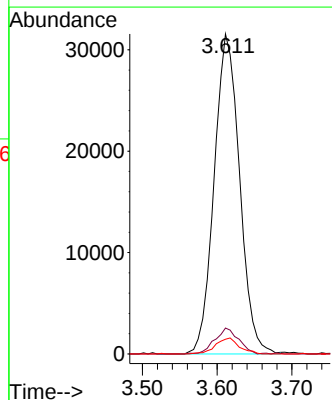
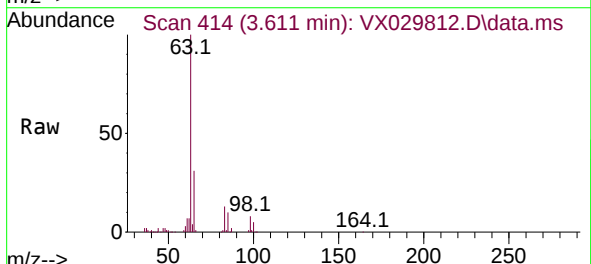
Manual Integrations
 APPROVED

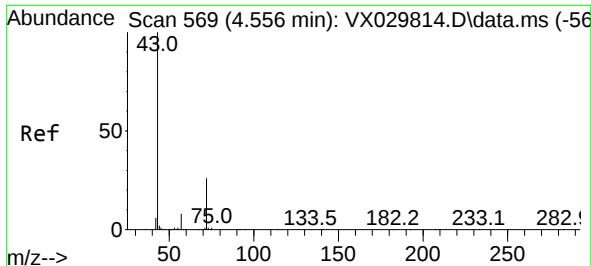
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 12.789 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029812.D
 Acq: 27 Jun 2022 12:12

Tgt Ion: 63 Resp: 74663
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 72.235 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 18704

Ion Ratio Lower Upper

43 100

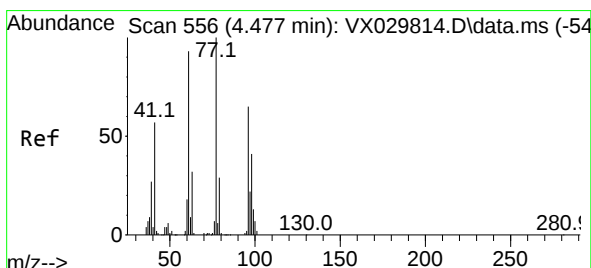
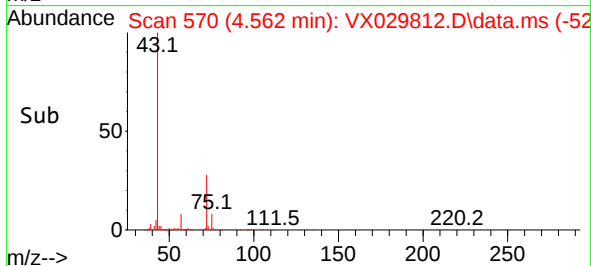
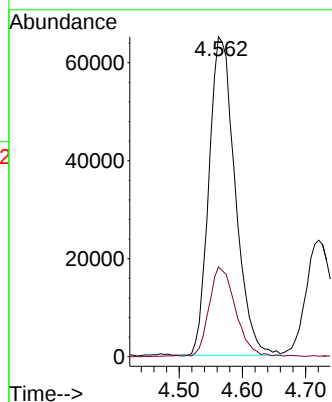
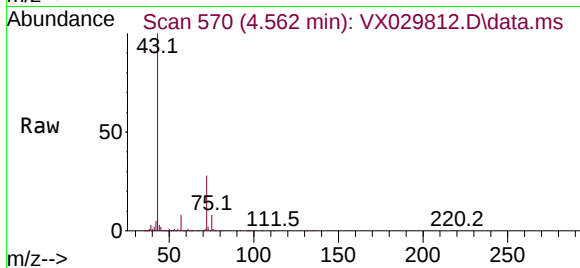
72 27.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#26

2,2-Dichloropropane

Concen: 11.556 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX029812.D

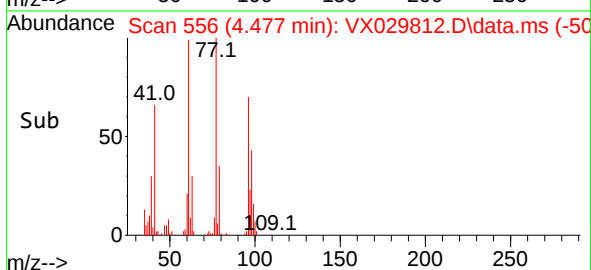
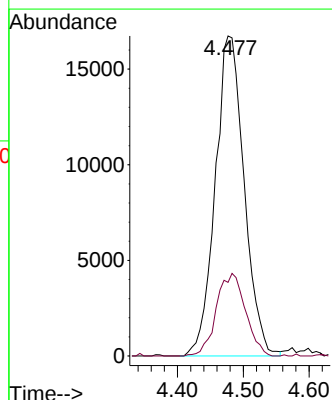
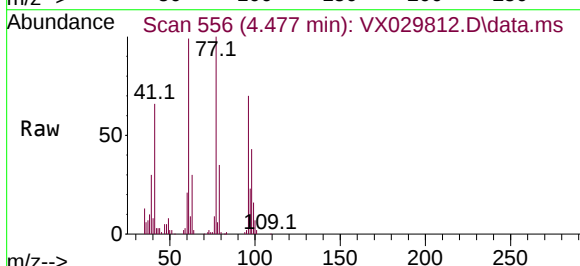
Acq: 27 Jun 2022 12:12

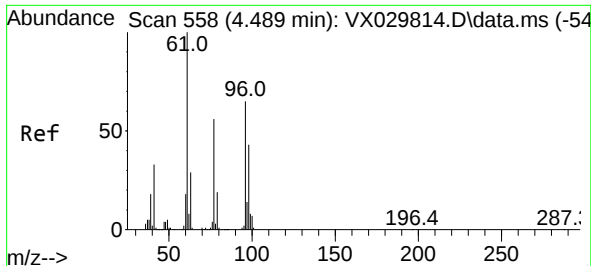
Tgt Ion: 77 Resp: 51234

Ion Ratio Lower Upper

77 100

97 26.0 11.8 35.4





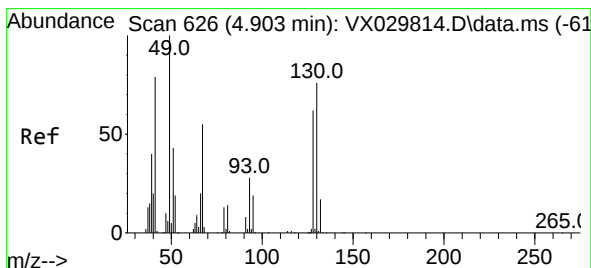
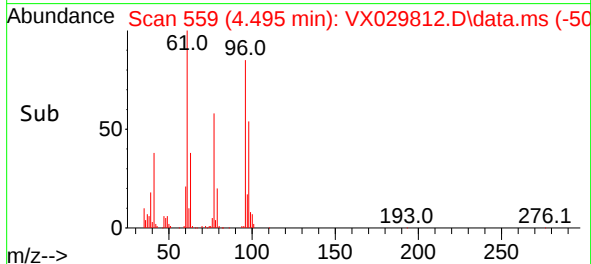
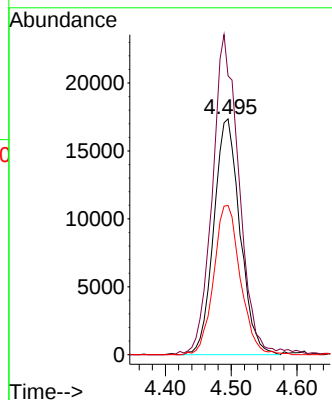
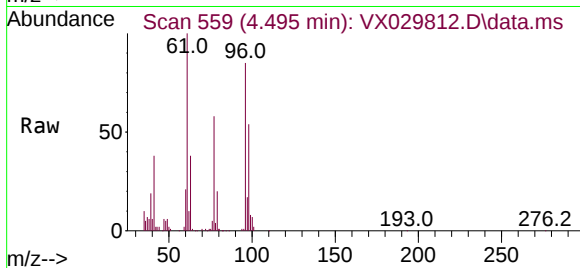
#27
cis-1,2-Dichloroethene
Concen: 12.575 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 48250
Ion Ratio Lower Upper
96 100
61 137.0 0.0 283.8
98 64.2 0.0 129.8

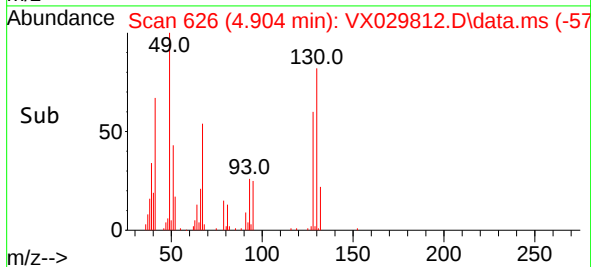
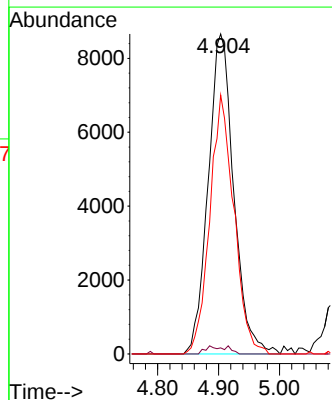
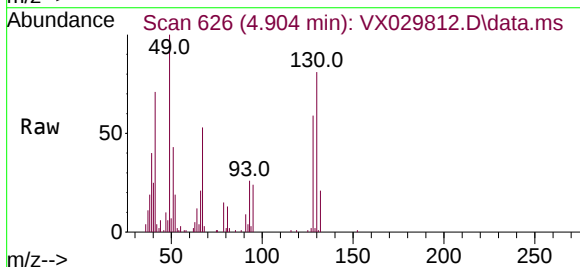
Manual Integrations
APPROVED

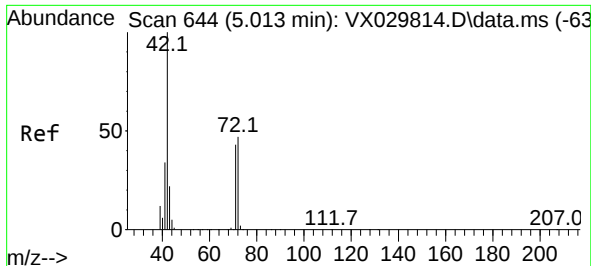
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Bromochloromethane
Concen: 11.410 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 49 Resp: 25229
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.4
130 76.5 70.7 106.1





#29

Tetrahydrofuran

Concen: 73.140 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX029812.D

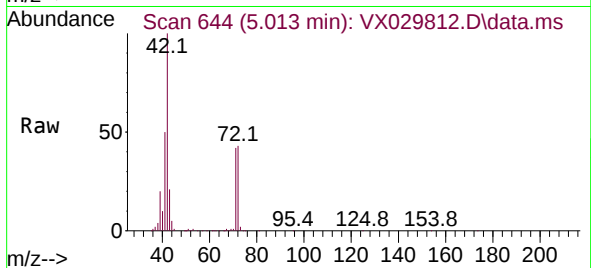
Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010



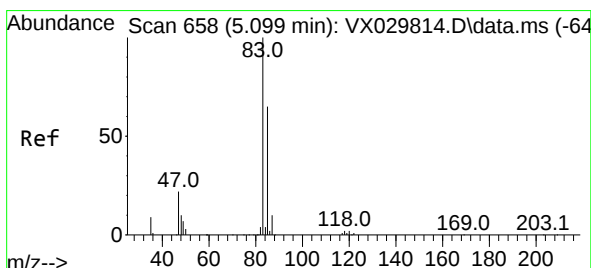
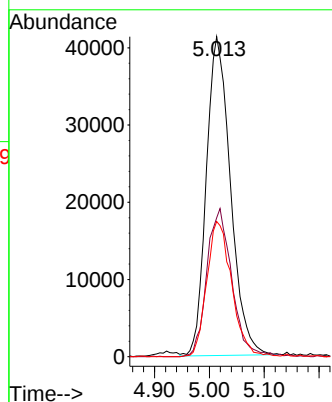
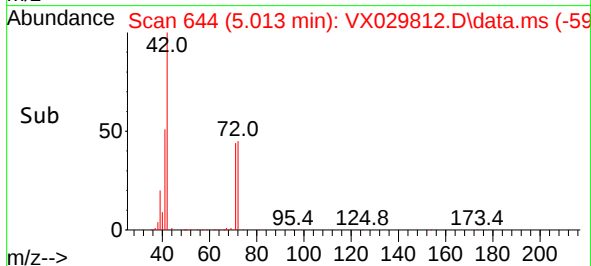
Tgt Ion:	42	Resp:	126570
Ion Ratio	Lower	Upper	
42	100		
72	48.2	44.1	66.1
71	43.8	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 11.859 ug/l

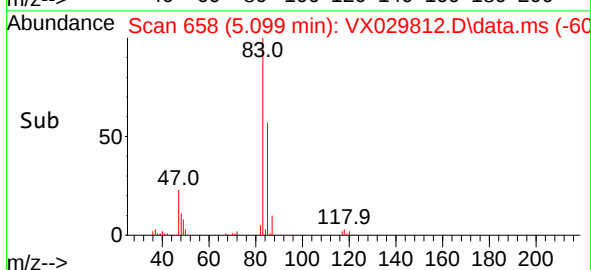
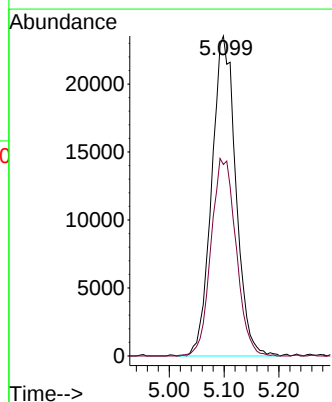
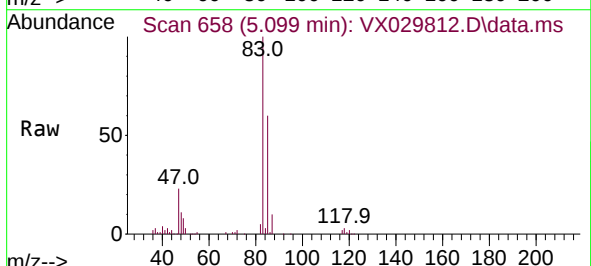
RT: 5.099 min Scan# 658

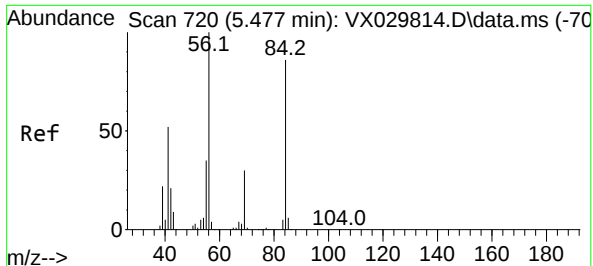
Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

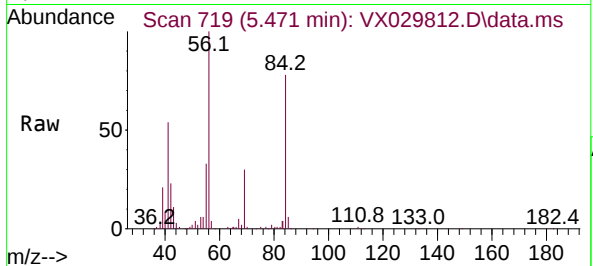
Tgt Ion:	83	Resp:	71838
Ion Ratio	Lower	Upper	
83	100		
85	59.9	52.7	79.1





#31
Cyclohexane
Concen: 12.850 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

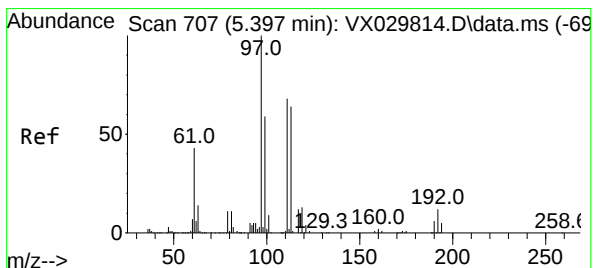
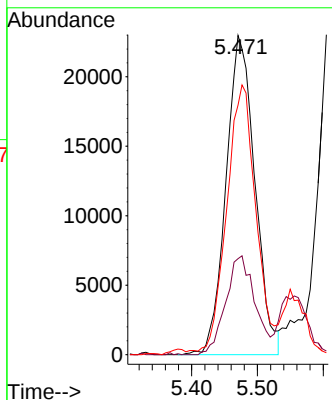
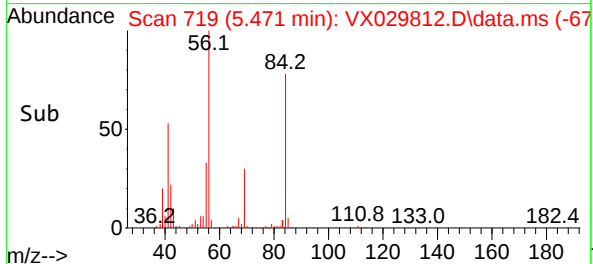
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



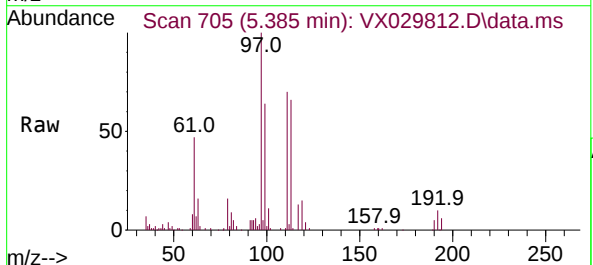
Tgt Ion: 56 Resp: 7010
Ion Ratio Lower Upper
56 100
69 29.8 26.7 40.1
84 76.5 77.2 115.8

Manual Integrations
APPROVED

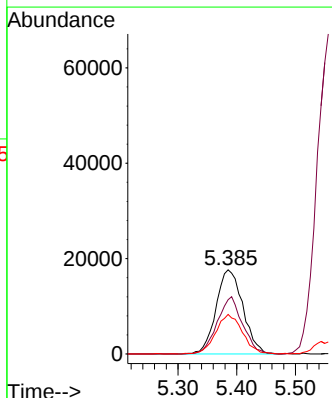
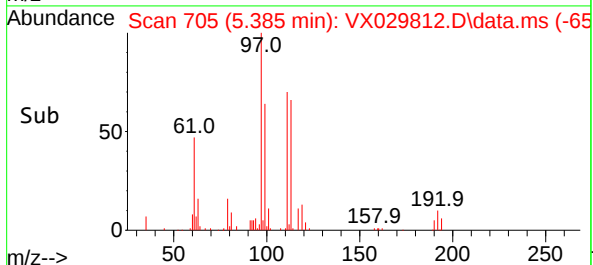
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

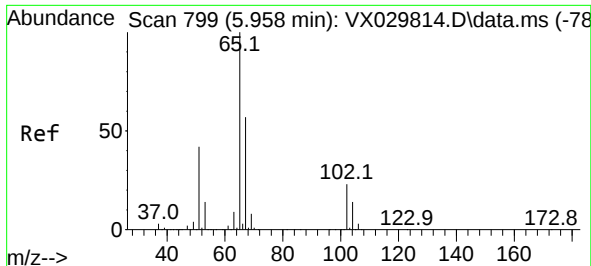


#32
1,1,1-Trichloroethane
Concen: 10.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



Tgt Ion: 97 Resp: 56030
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 46.7 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 11.711 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 45769

Ion Ratio Lower Upper

65 100

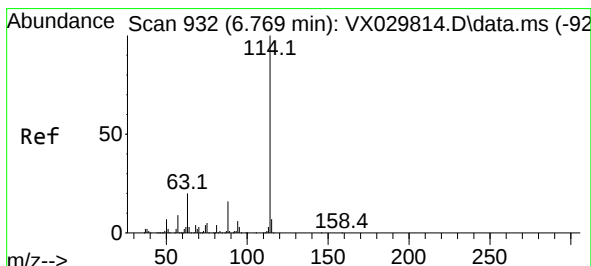
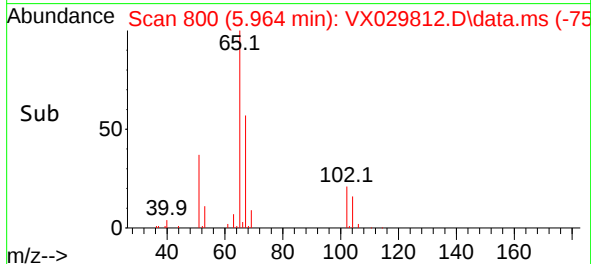
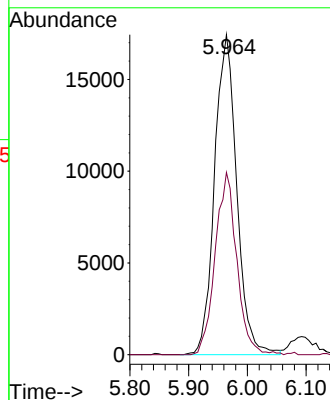
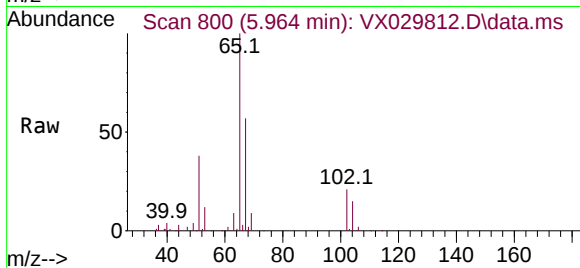
67 55.3 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

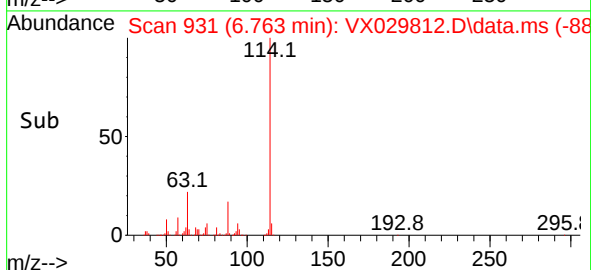
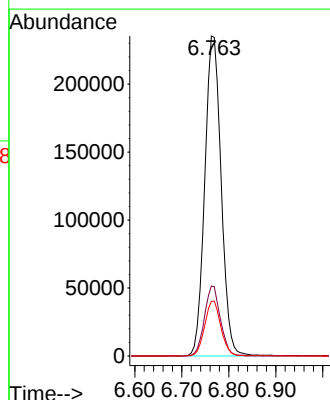
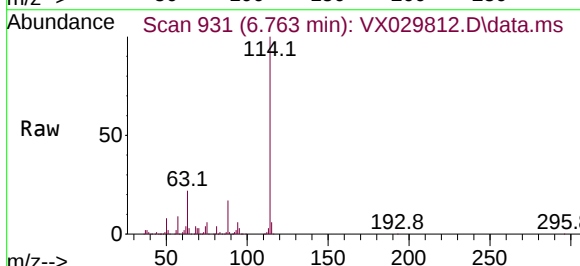
Tgt Ion:114 Resp: 570186

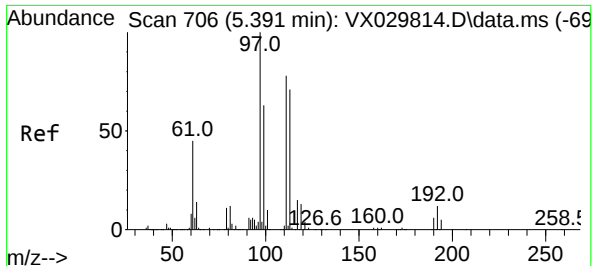
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.8

88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 9.974 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029812.D

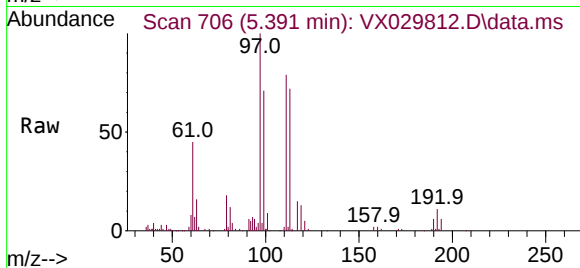
Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



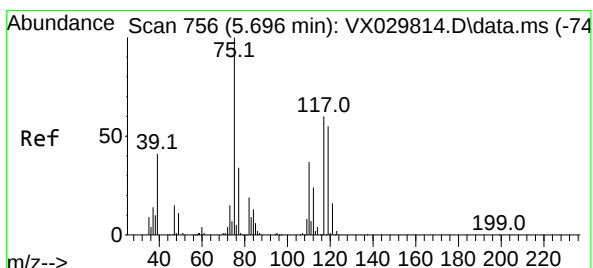
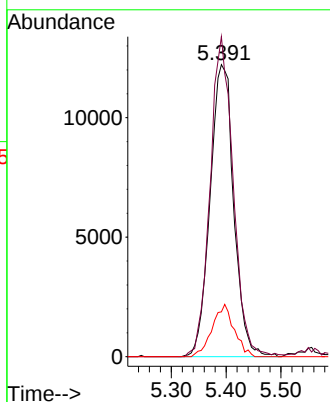
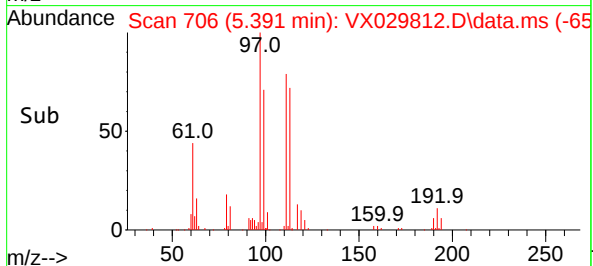
Tgt Ion:	113	Resp:	36710
Ion	Ratio	Lower	Upper
113	100		
111	106.6	82.8	124.2
192	16.6	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#36

1,1-Dichloropropene

Concen: 10.861 ug/l

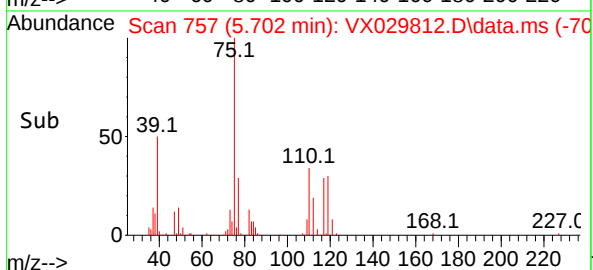
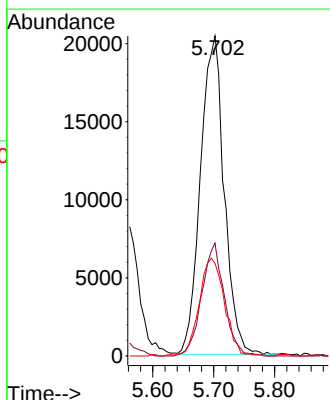
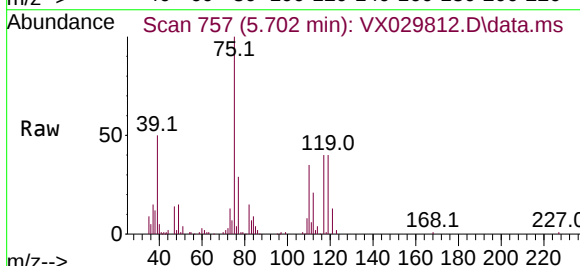
RT: 5.702 min Scan# 757

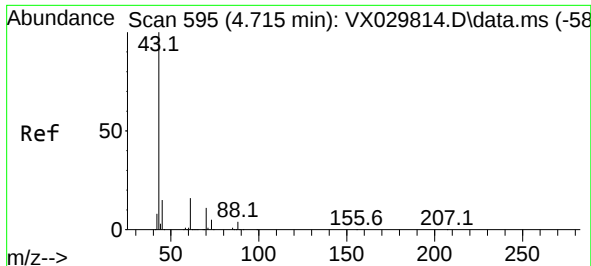
Delta R.T. 0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Tgt Ion:	75	Resp:	55052
Ion	Ratio	Lower	Upper
75	100		
110	33.8	18.3	54.8
77	32.8	24.8	37.2





#37

Ethyl Acetate

Concen: 13.041 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

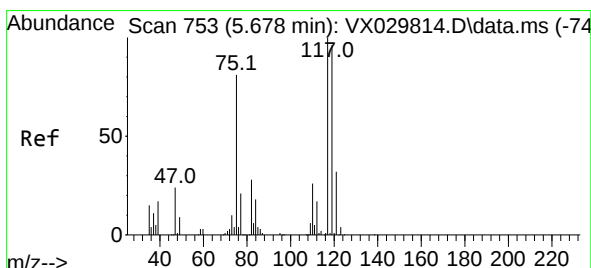
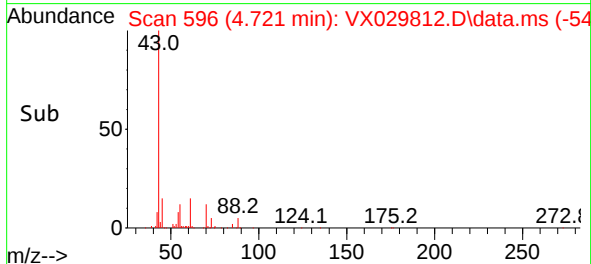
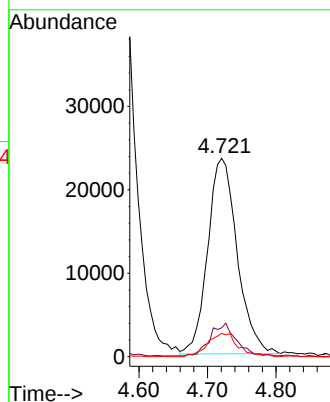
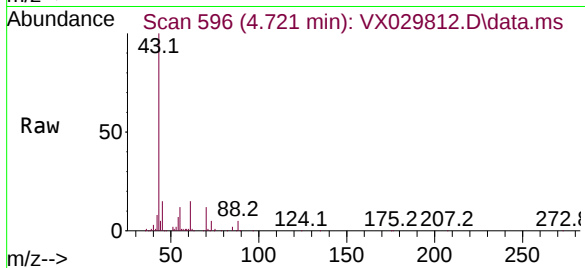
Tgt Ion:	43	Resp:	7012
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.6	19.0
70	12.1	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Carbon Tetrachloride

Concen: 9.077 ug/l

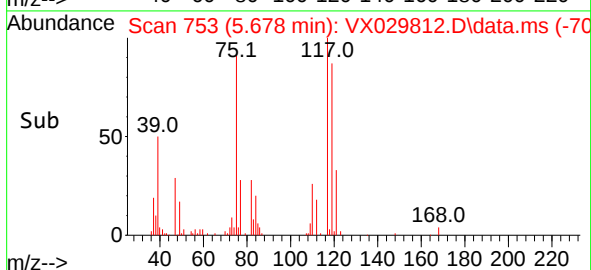
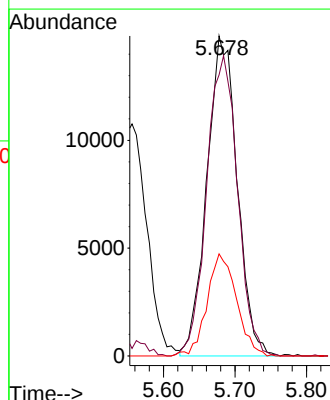
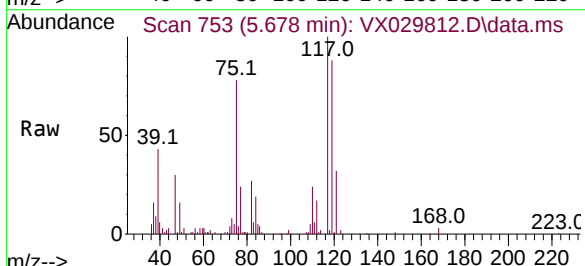
RT: 5.678 min Scan# 753

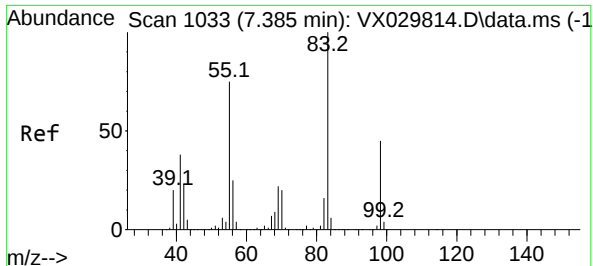
Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Tgt Ion:	117	Resp:	43812
Ion	Ratio	Lower	Upper
117	100		
119	87.9	77.3	115.9
121	31.9	24.2	36.2





#39

Methylcyclohexane

Concen: 11.111 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

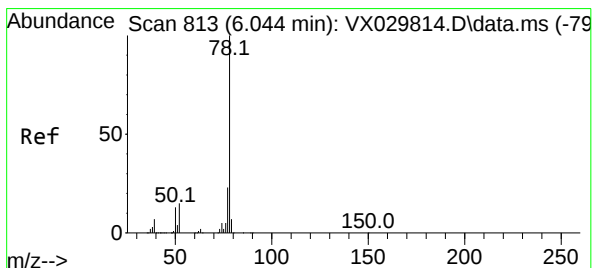
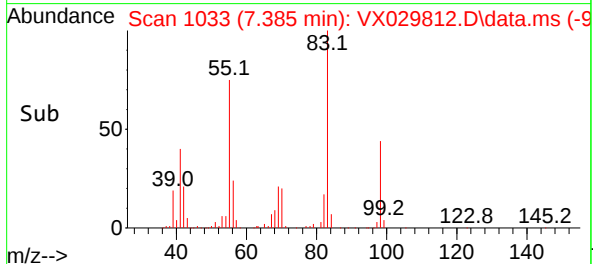
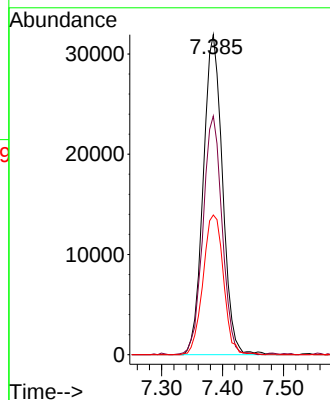
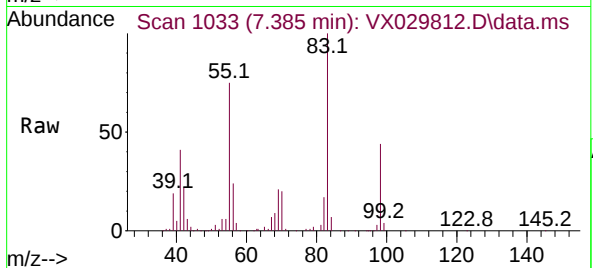
Tgt Ion: 83	Resp: 7015
Ion Ratio	Lower Upper
83 100	
55 74.5	54.6 81.8
98 43.6	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Benzene

Concen: 11.585 ug/l

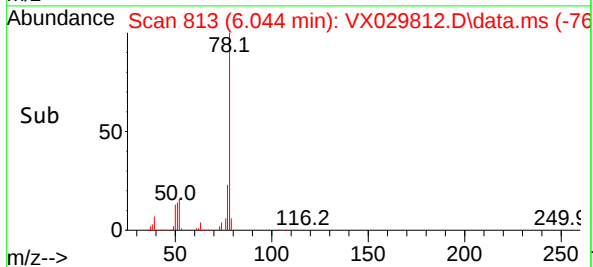
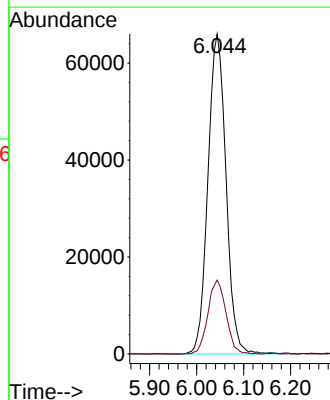
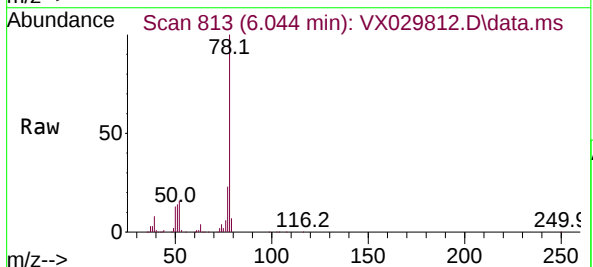
RT: 6.044 min Scan# 813

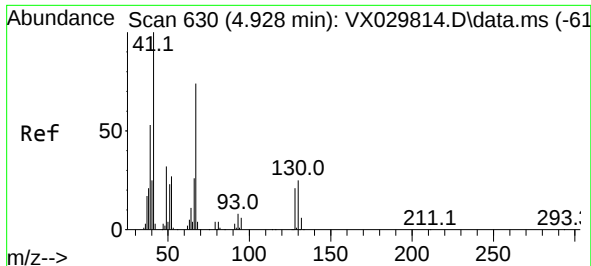
Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

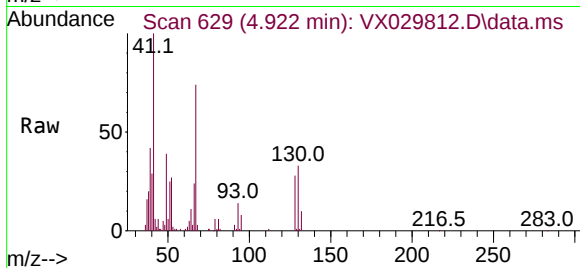
Tgt Ion: 78	Resp: 175848
Ion Ratio	Lower Upper
78 100	
77 23.1	19.3 28.9





#41
Methacrylonitrile
Concen: 13.711 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

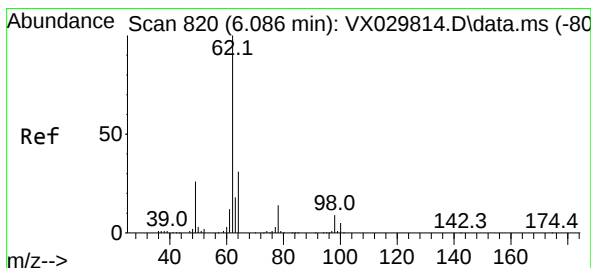
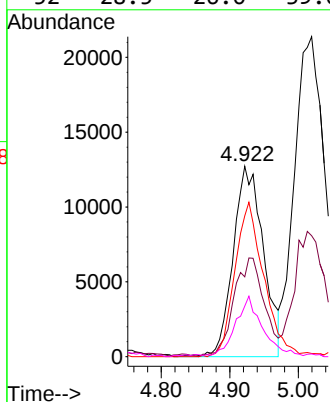
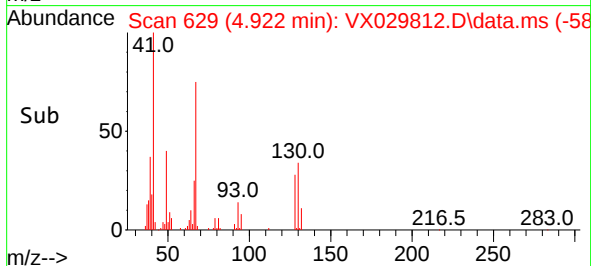
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 3904
Ion Ratio Lower Upper
41 100
39 51.9 43.0 64.4
67 78.3 70.2 105.4
52 28.5 26.0 39.0

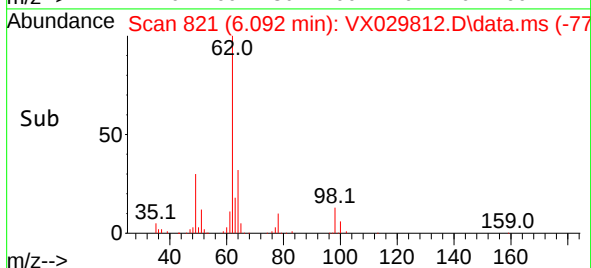
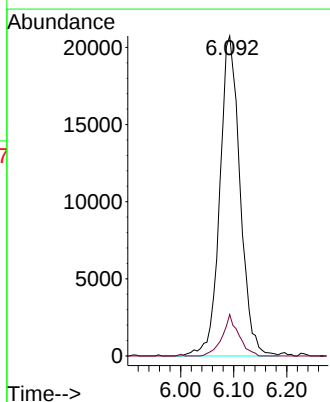
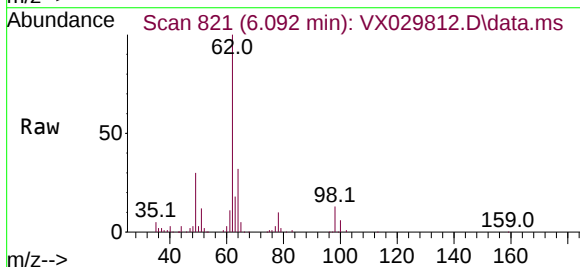
Manual Integrations
APPROVED

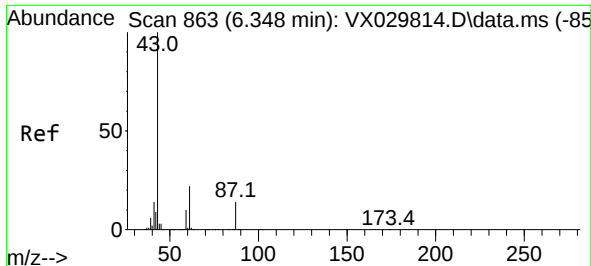
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
1,2-Dichloroethane
Concen: 10.664 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

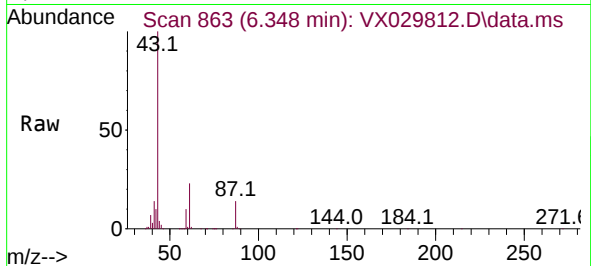
Tgt Ion: 62 Resp: 55083
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 12.540 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

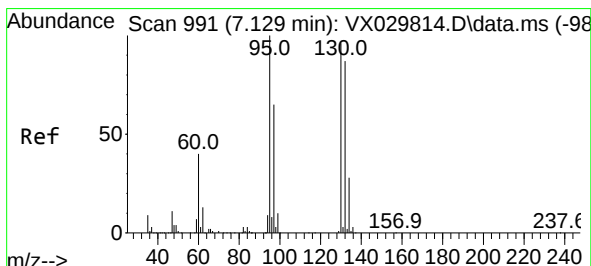
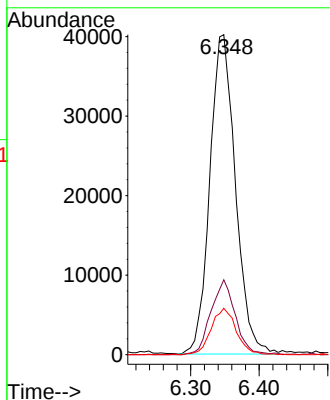
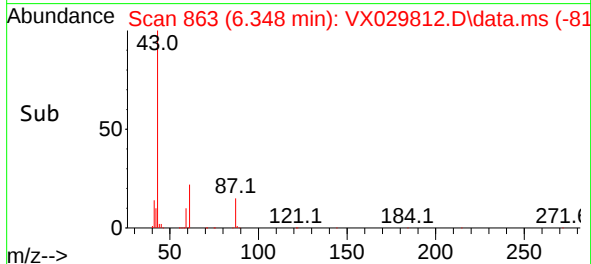
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



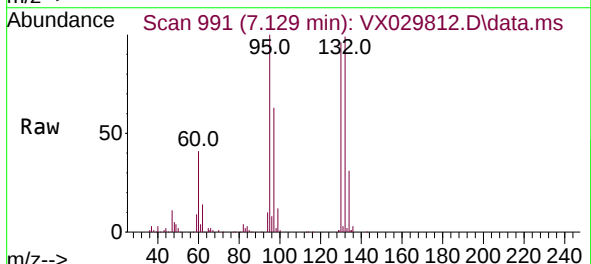
Tgt Ion: 43 Resp: 104335
Ion Ratio Lower Upper
43 100
61 22.4 18.5 27.7
87 14.3 13.0 19.6

Manual Integrations
APPROVED

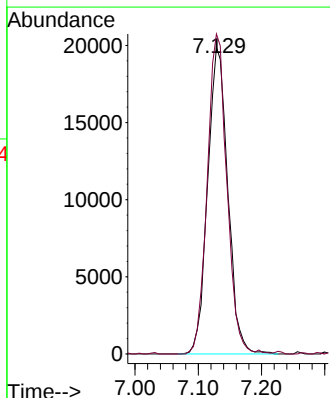
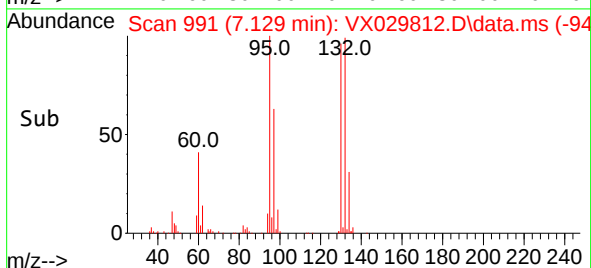
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

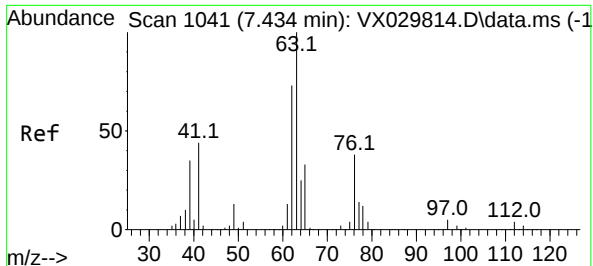


#44
Trichloroethene
Concen: 8.718 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



Tgt Ion:130 Resp: 44070
Ion Ratio Lower Upper
130 100
95 104.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 12.300 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 46179

Ion Ratio Lower Upper

63 100

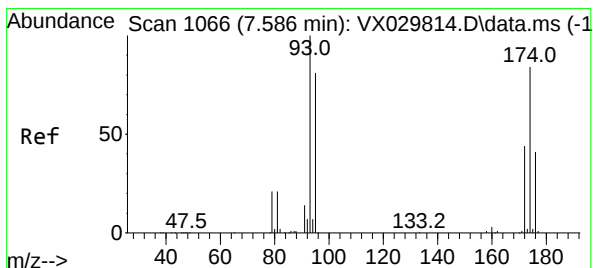
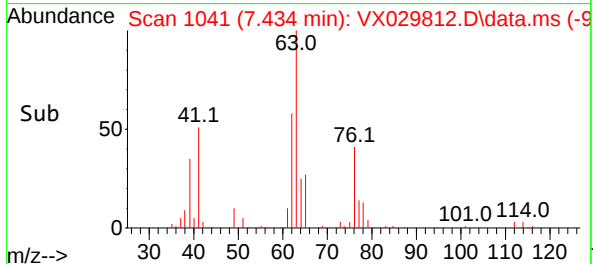
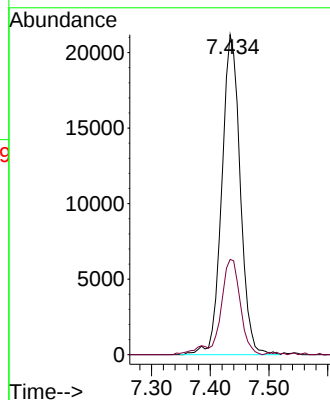
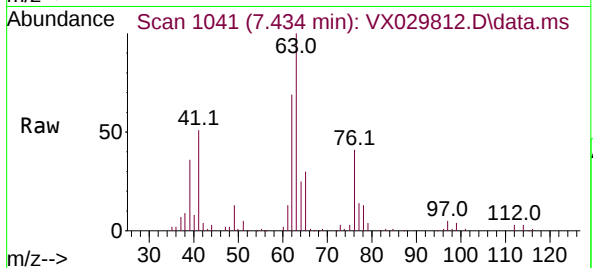
65 29.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Dibromomethane

Concen: 11.277 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

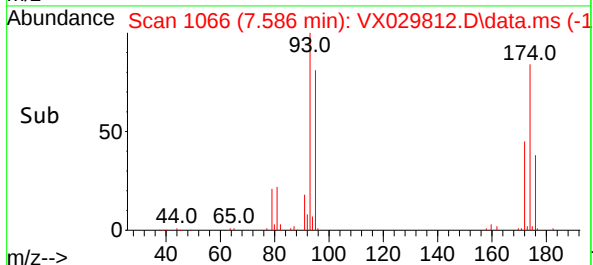
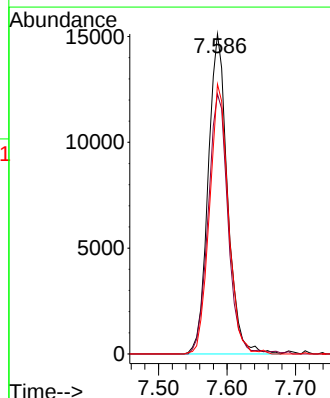
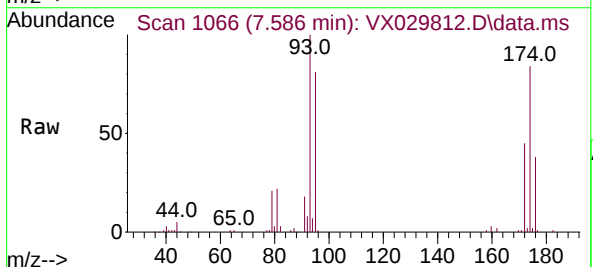
Tgt Ion: 93 Resp: 29726

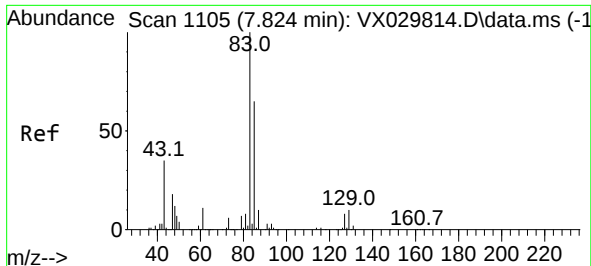
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

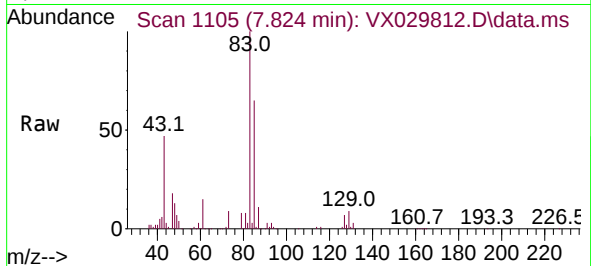
174 82.1 85.4 128.2#





#47
Bromodichloromethane
Concen: 10.578 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

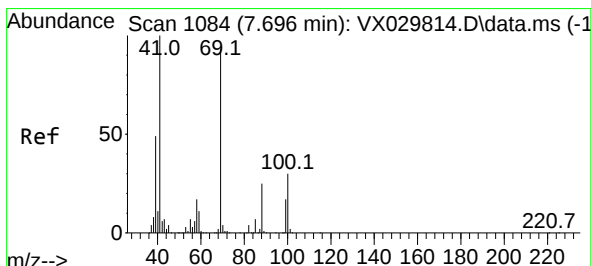
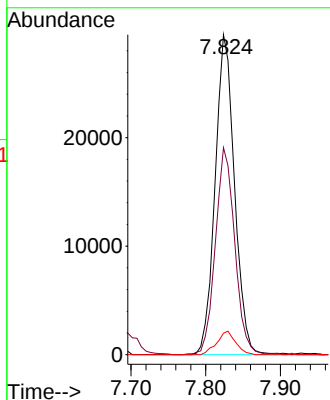
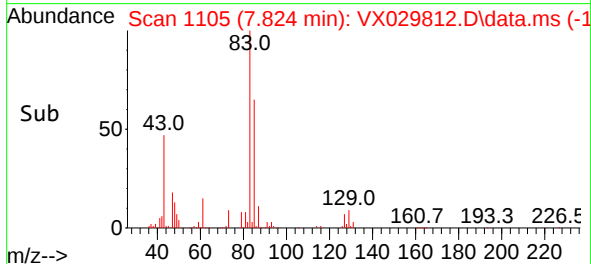
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 53304
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.2
127 6.7 6.8 10.2

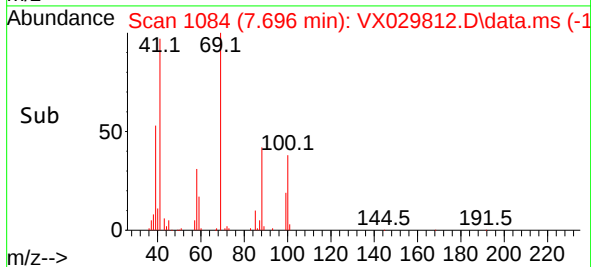
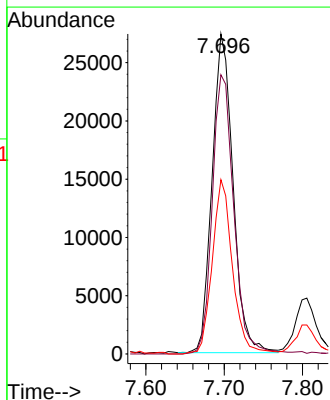
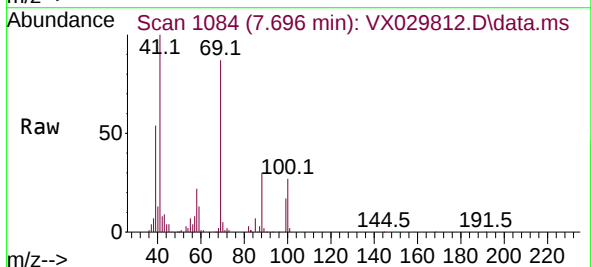
Manual Integrations
APPROVED

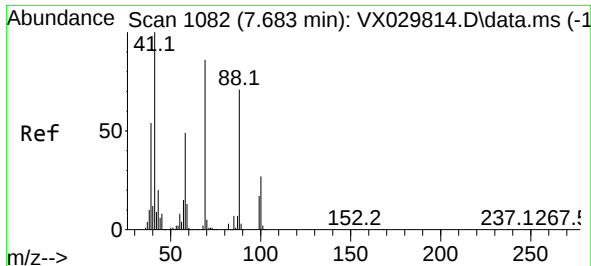
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Methyl methacrylate
Concen: 12.463 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 41 Resp: 50756
Ion Ratio Lower Upper
41 100
69 90.1 82.5 123.7
39 53.1 43.8 65.8





#49

1,4-Dioxane

Concen: 237.222 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

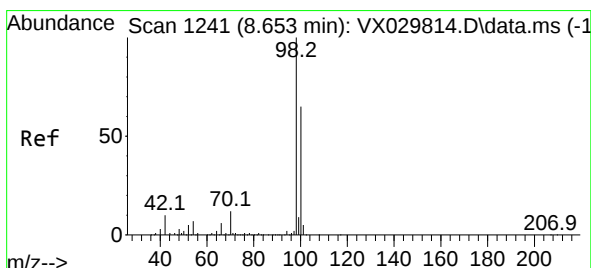
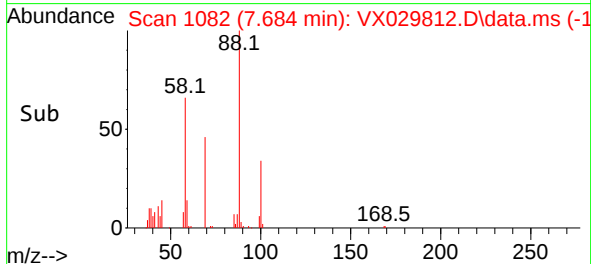
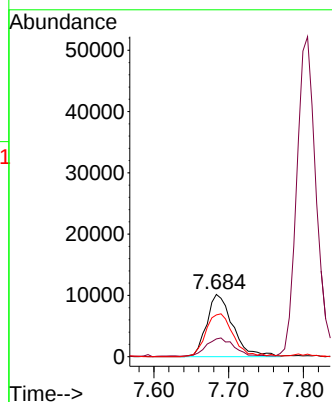
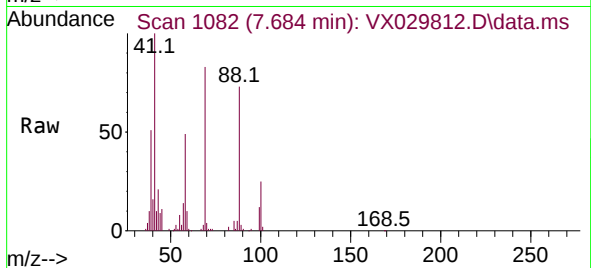
Tgt Ion:	88	Resp:	2454
Ion	Ratio	Lower	Upper
88	100		
43	30.3	21.9	32.9
58	72.6	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

Toluene-d8

Concen: 10.885 ug/l

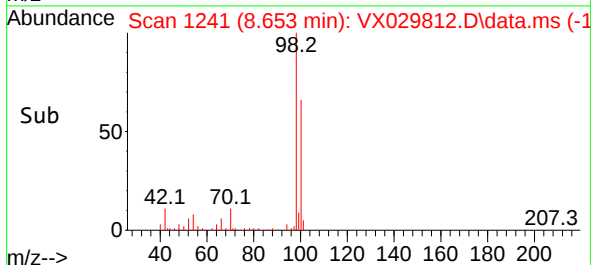
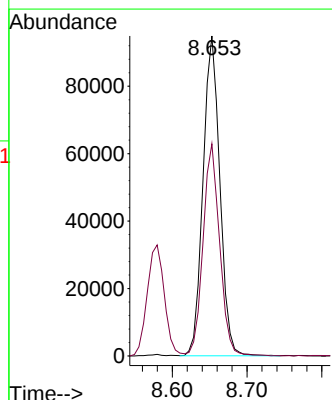
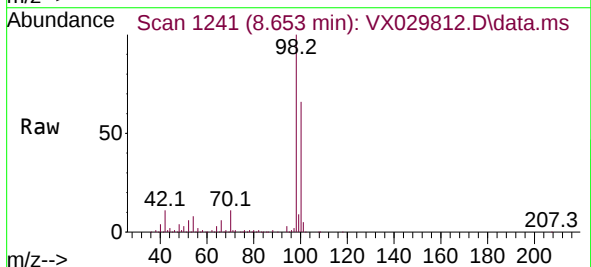
RT: 8.653 min Scan# 1241

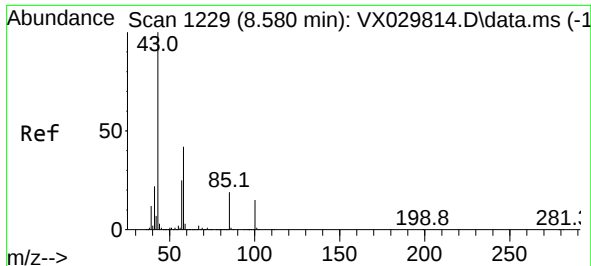
Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Tgt Ion:	98	Resp:	147943
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





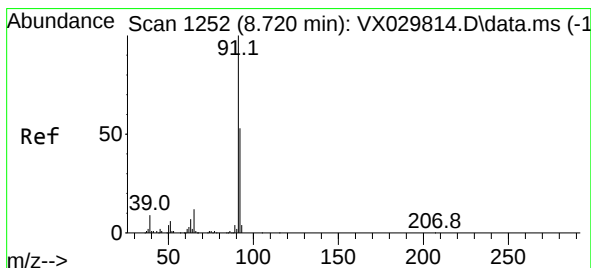
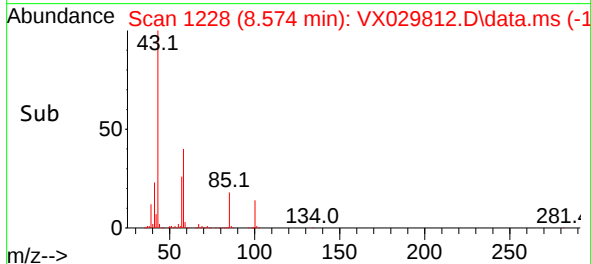
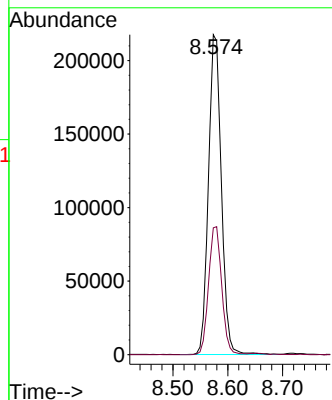
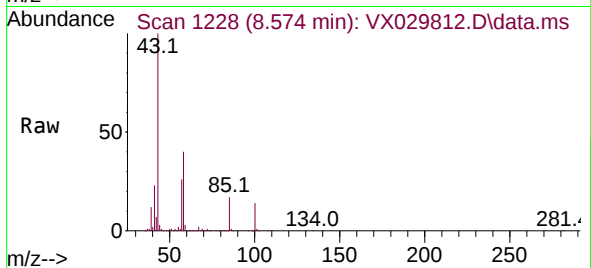
#51
4-Methyl-2-Pentanone
Concen: 65.680 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 353759
Ion Ratio Lower Upper
43 100
58 40.8 36.1 54.1

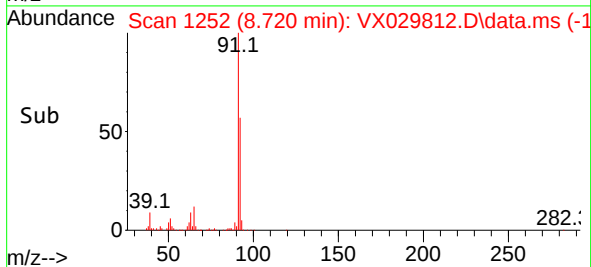
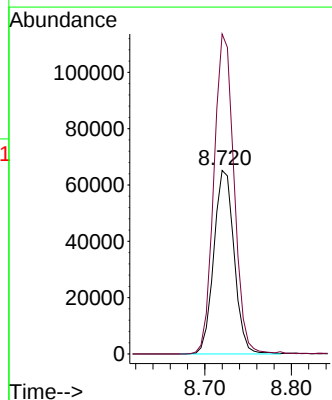
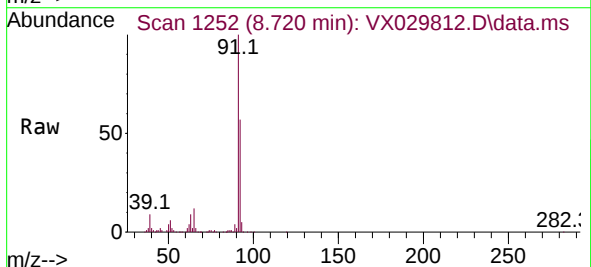
Manual Integrations
APPROVED

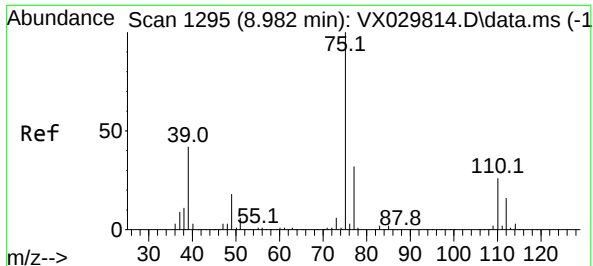
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Toluene
Concen: 11.137 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 92 Resp: 106348
Ion Ratio Lower Upper
92 100
91 172.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 10.822 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 5555

Ion Ratio Lower Upper

75 100

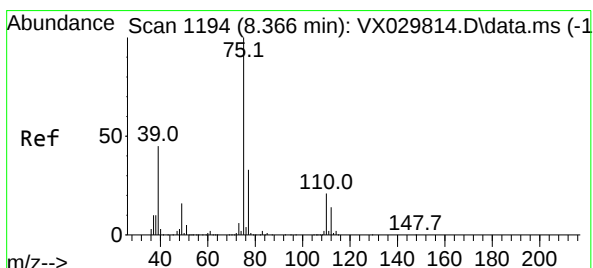
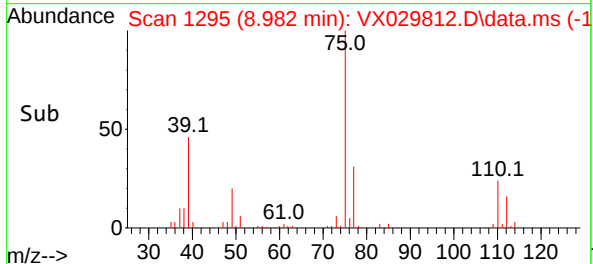
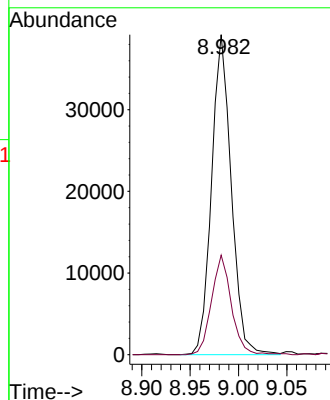
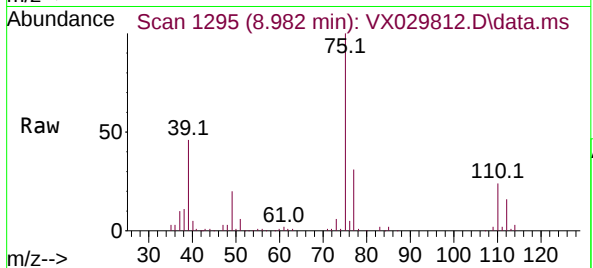
77 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#54

cis-1,3-Dichloropropene

Concen: 11.061 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

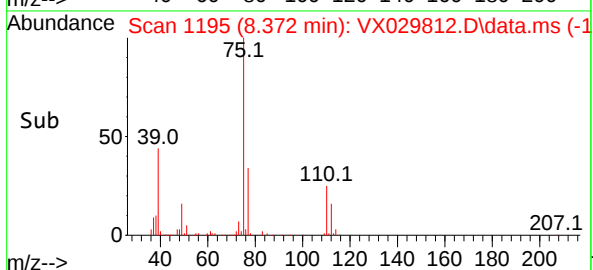
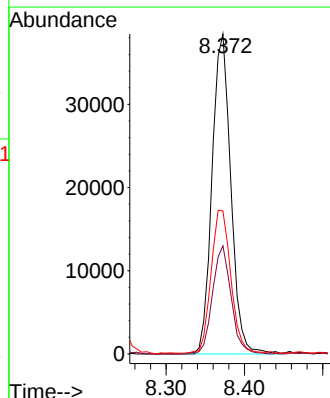
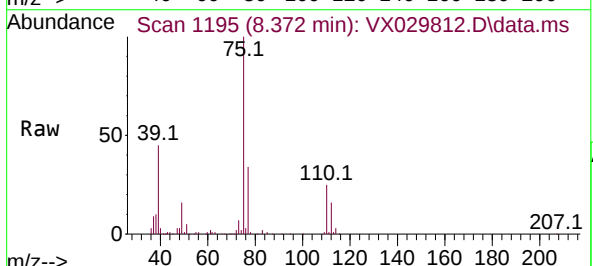
Tgt Ion: 75 Resp: 64098

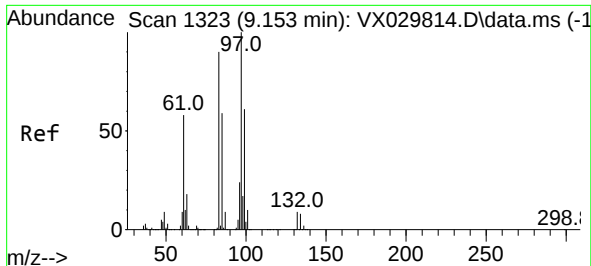
Ion Ratio Lower Upper

75 100

77 33.8 24.8 37.2

39 44.5 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 11.083 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX029812.D

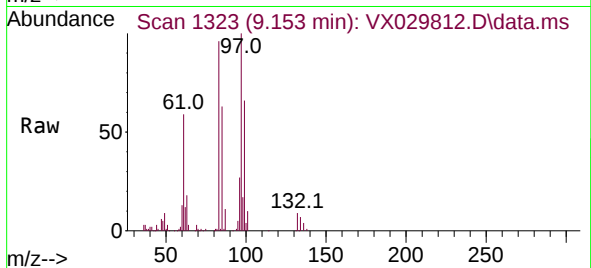
Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010



Tgt Ion: 97 Resp: 4298

Ion Ratio Lower Upper

97 100

83 95.7 66.2 99.4

85 62.9 42.9 64.3

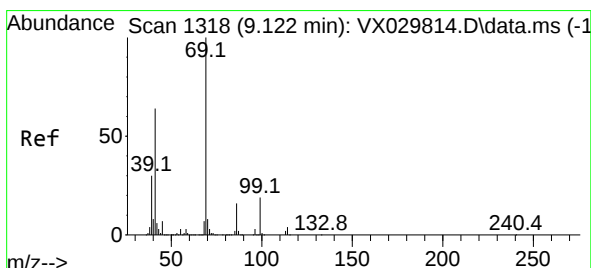
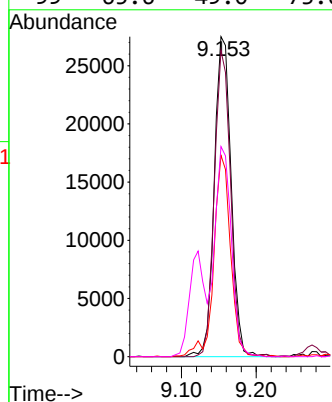
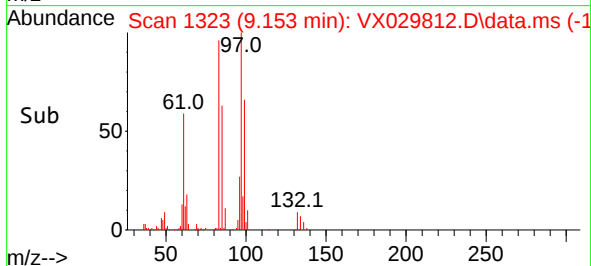
99 65.6 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Ethyl methacrylate

Concen: 12.456 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

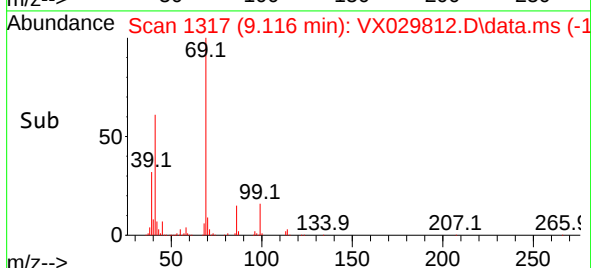
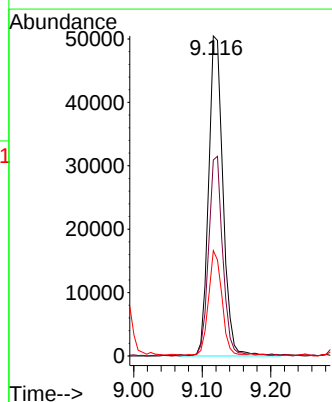
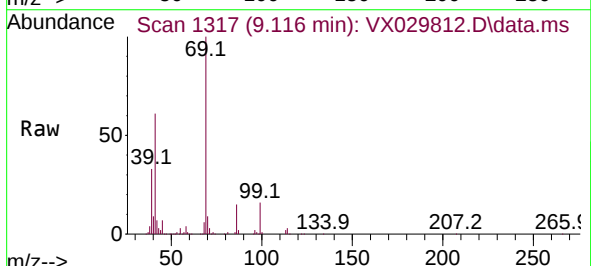
Tgt Ion: 69 Resp: 74062

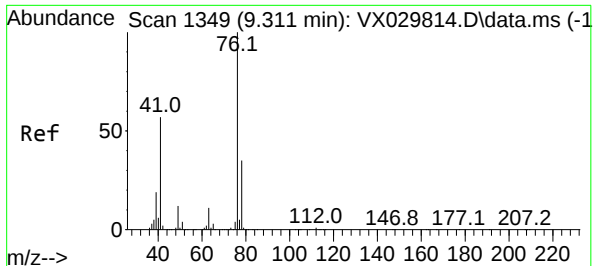
Ion Ratio Lower Upper

69 100

41 60.7 43.8 65.6

39 30.2 22.2 33.2





#57

1,3-Dichloropropane

Concen: 11.426 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 74600

Ion Ratio Lower Upper

76 100

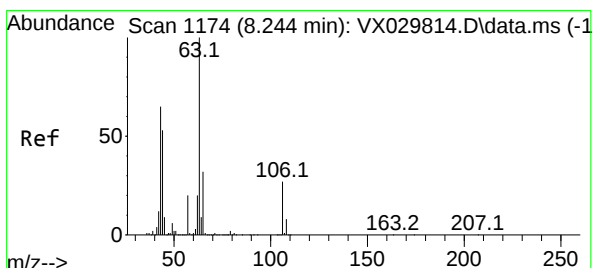
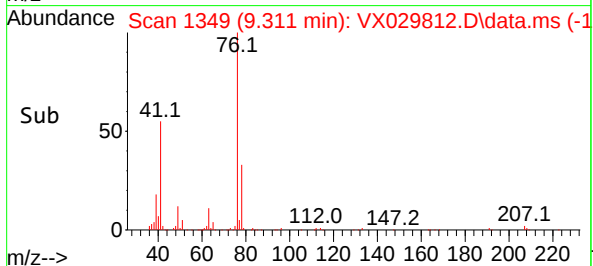
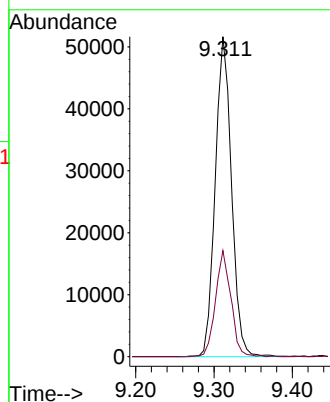
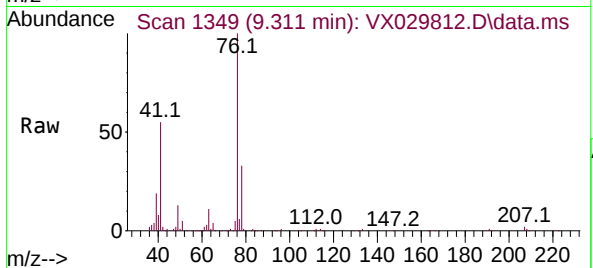
78 31.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 59.436 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX029812.D

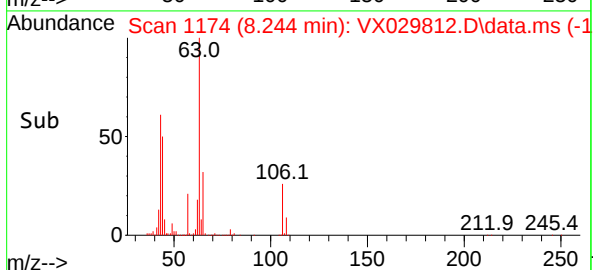
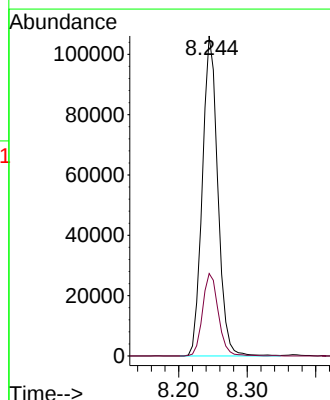
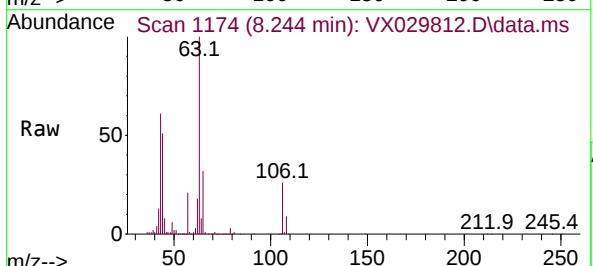
Acq: 27 Jun 2022 12:12

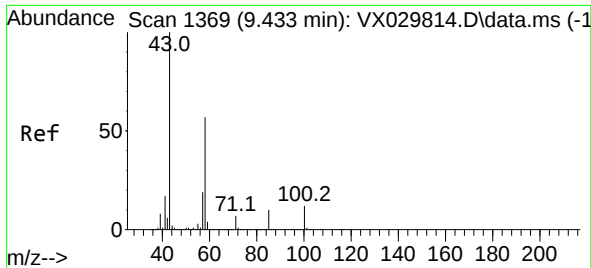
Tgt Ion: 63 Resp: 166832

Ion Ratio Lower Upper

63 100

106 26.2 23.9 35.9





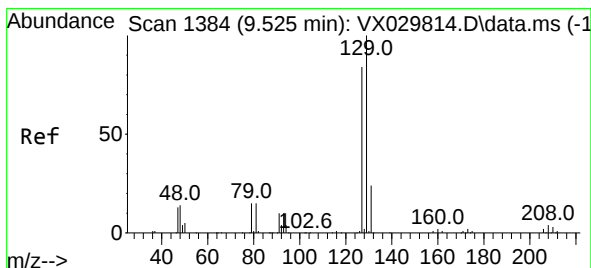
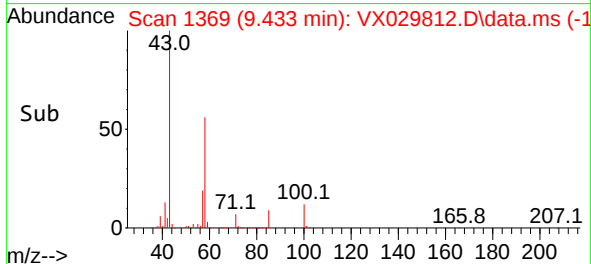
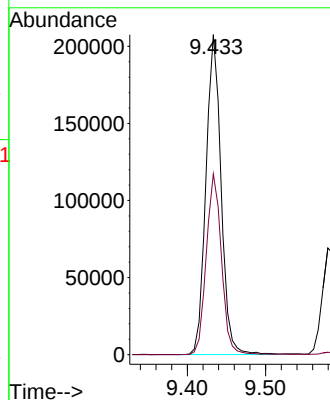
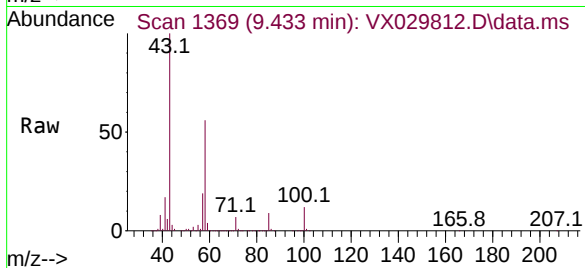
#59
2-Hexanone
Concen: 67.661 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 27775
Ion Ratio Lower Upper
43 100
58 56.7 31.9 95.7

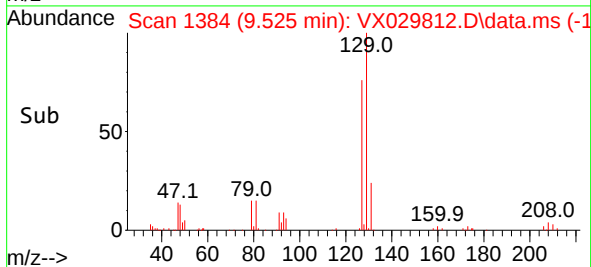
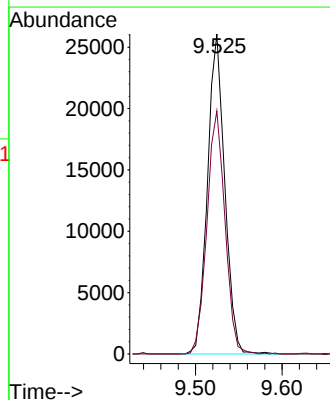
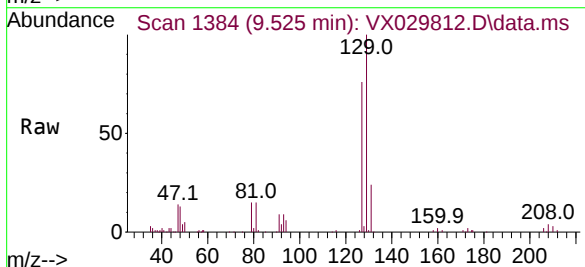
Manual Integrations
APPROVED

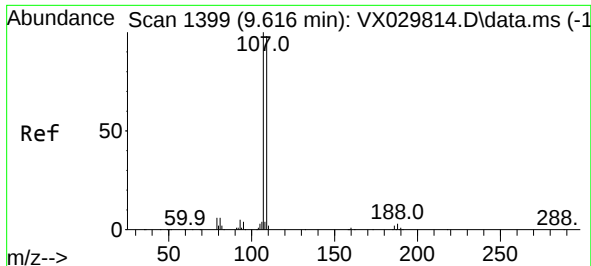
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
Dibromochloromethane
Concen: 9.793 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion:129 Resp: 36069
Ion Ratio Lower Upper
129 100
127 79.3 40.3 120.8





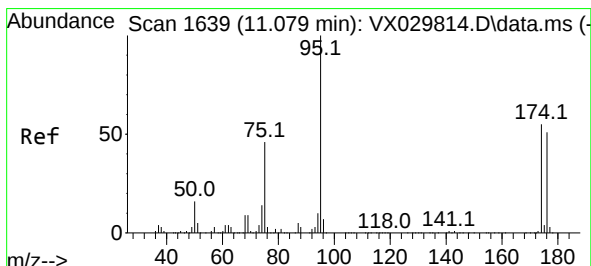
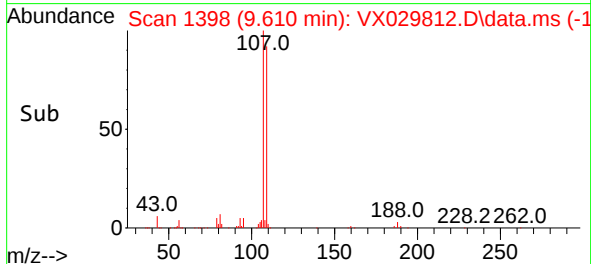
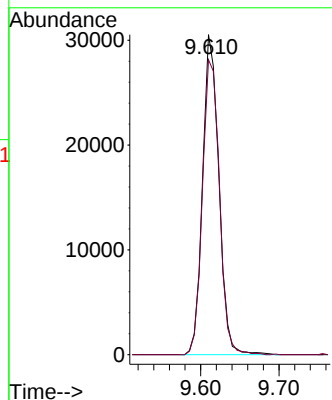
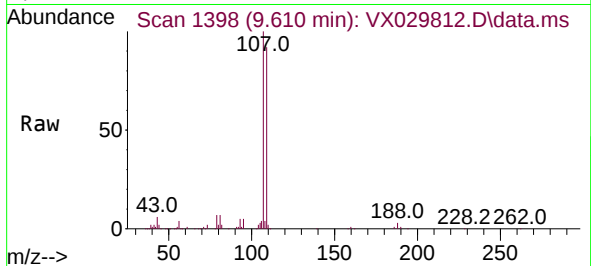
#61
1,2-Dibromoethane
Concen: 10.969 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 44008
Ion Ratio Lower Upper
107 100
109 96.5 74.4 111.6

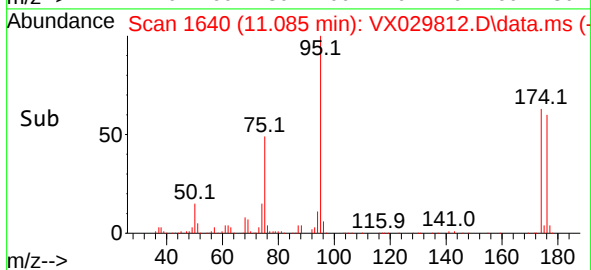
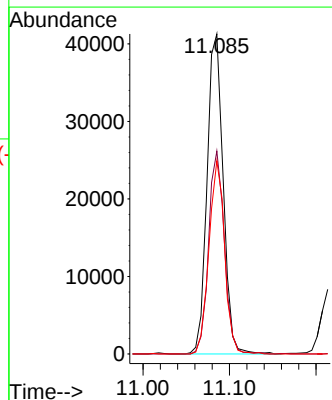
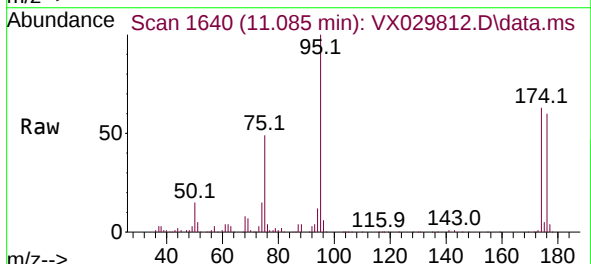
Manual Integrations
APPROVED

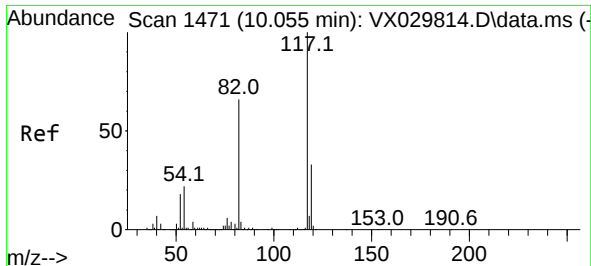
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
4-Bromofluorobenzene
Concen: 10.469 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

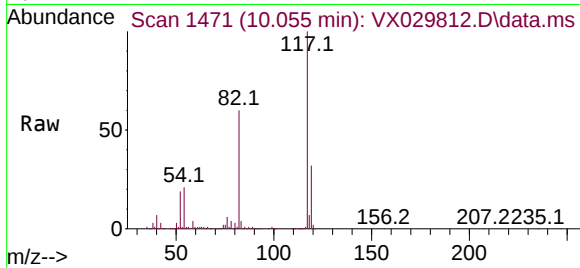
Tgt Ion: 95 Resp: 53279
Ion Ratio Lower Upper
95 100
174 61.9 0.0 163.0
176 58.8 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

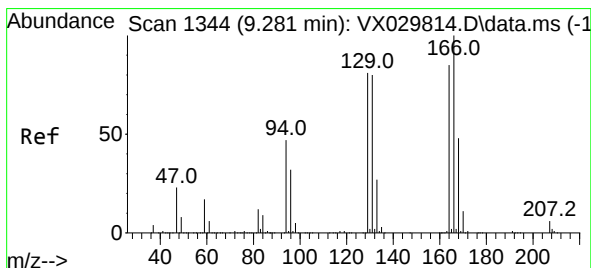
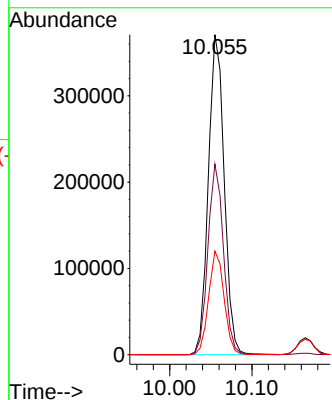
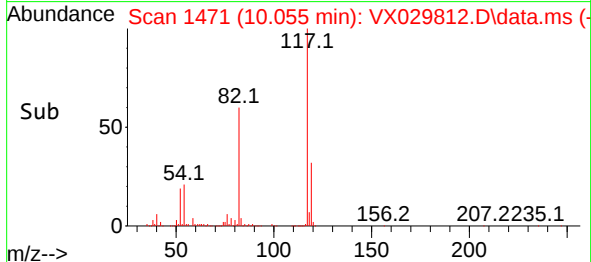
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 496785
Ion Ratio Lower Upper
117 100
82 59.6 41.8 62.8
119 32.3 24.8 37.2

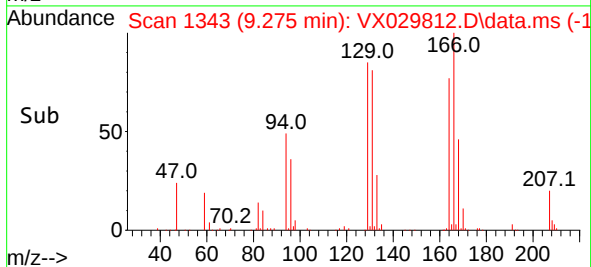
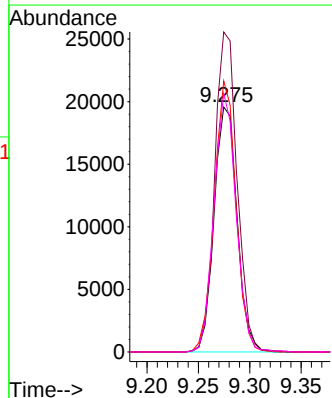
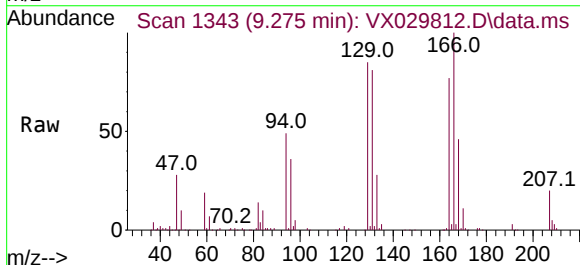
Manual Integrations
APPROVED

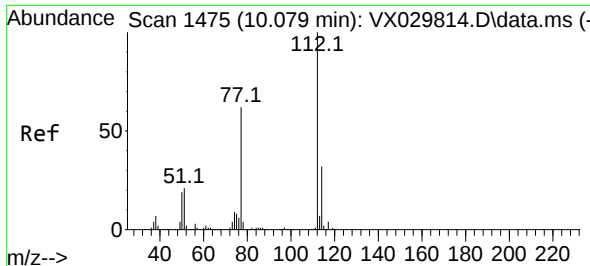
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Tetrachloroethene
Concen: 8.773 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion:164 Resp: 30346
Ion Ratio Lower Upper
164 100
166 130.6 101.2 151.8
129 110.6 73.0 109.4#
131 105.6 74.2 111.2





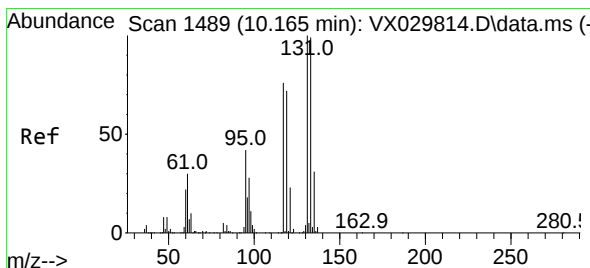
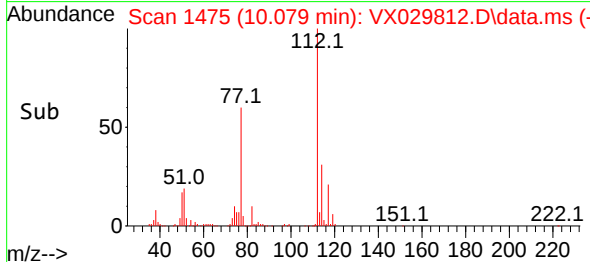
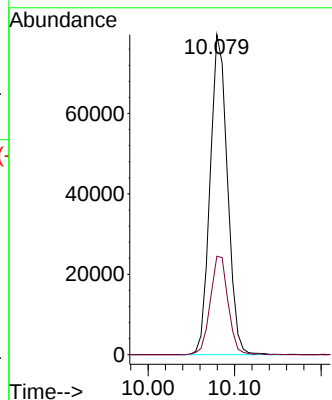
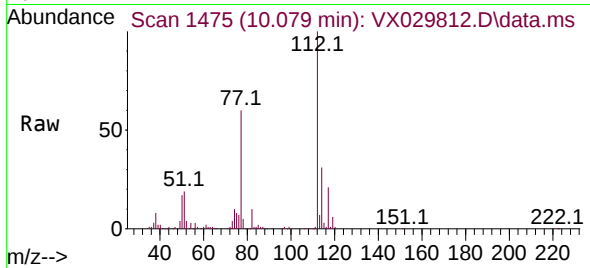
#65
Chlorobenzene
Concen: 11.384 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 11078
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8

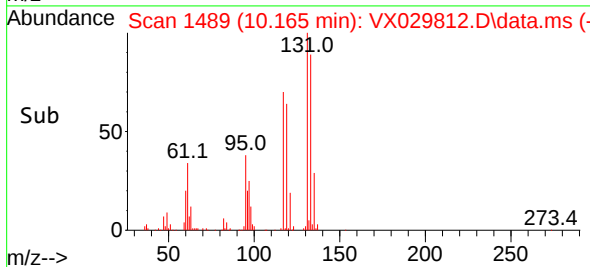
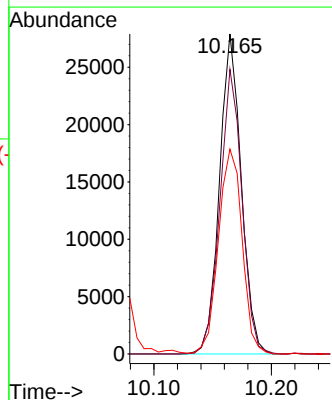
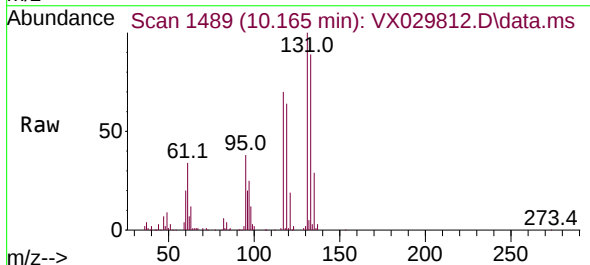
Manual Integrations
APPROVED

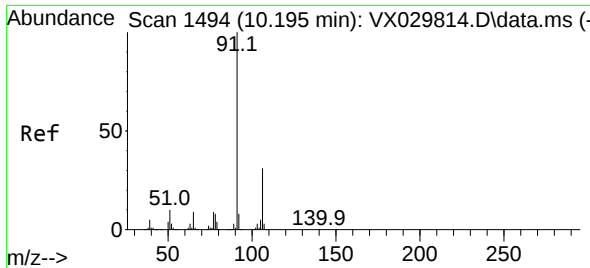
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.443 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion:131 Resp: 35919
Ion Ratio Lower Upper
131 100
133 90.1 48.3 144.8
119 69.5 32.6 98.0





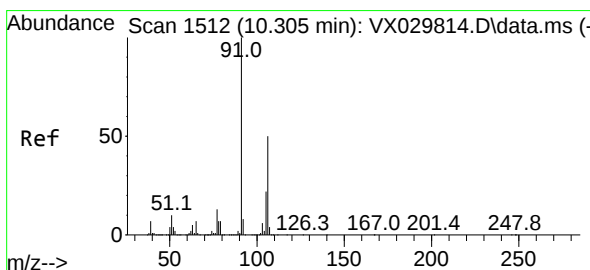
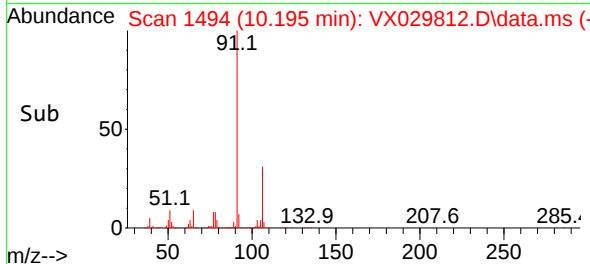
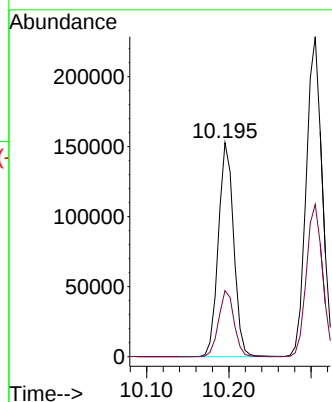
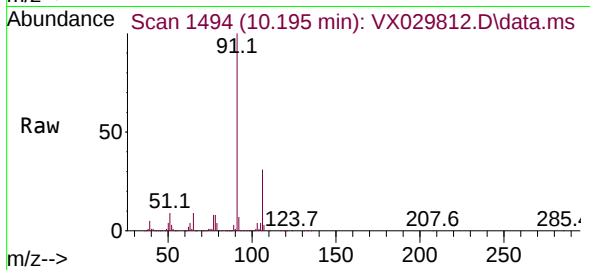
#67
Ethyl Benzene
Concen: 11.202 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 19774
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

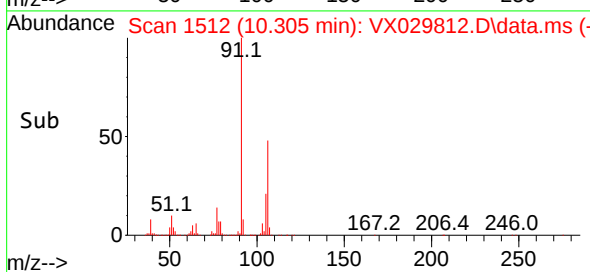
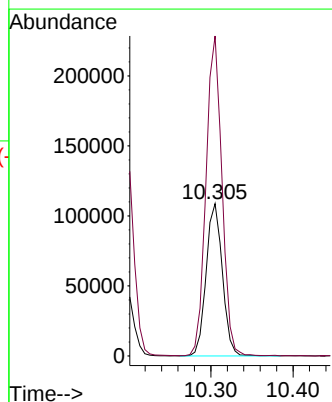
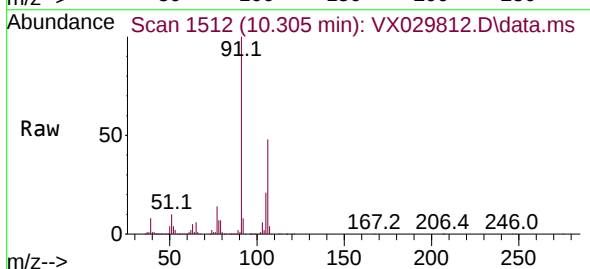
Manual Integrations
APPROVED

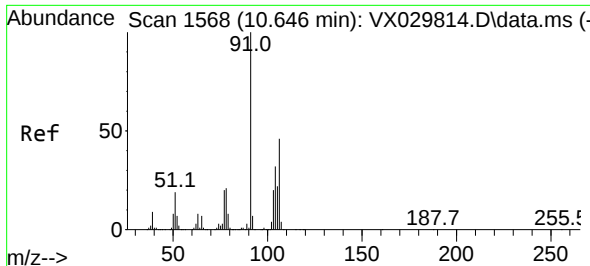
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
m/p-Xylenes
Concen: 21.828 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

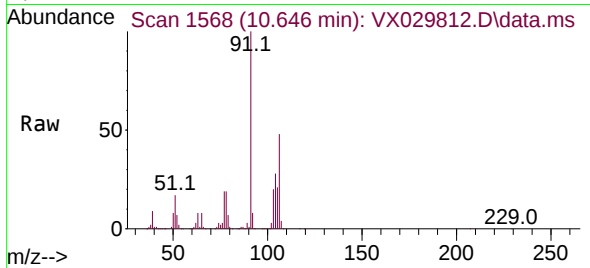
Tgt Ion:106 Resp: 149272
Ion Ratio Lower Upper
106 100
91 206.6 160.4 240.6





#69
o-Xylene
Concen: 10.936 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

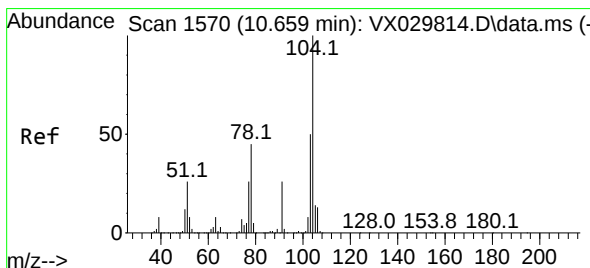
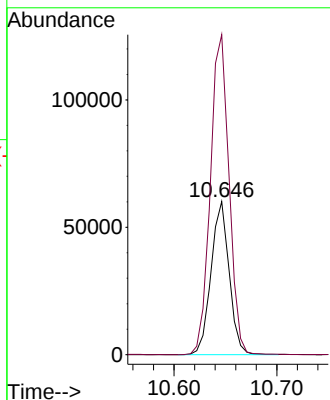
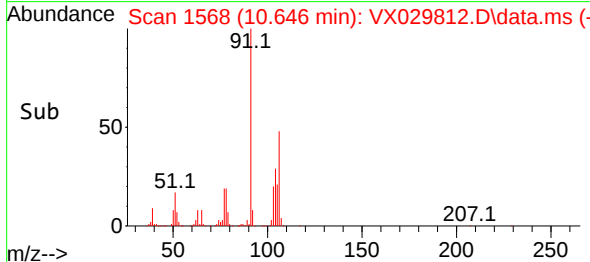
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:106 Resp: 7368
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.1

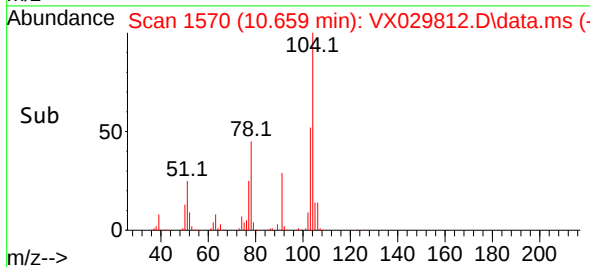
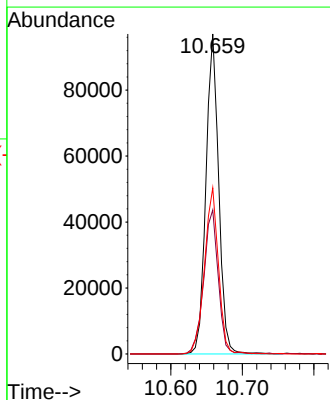
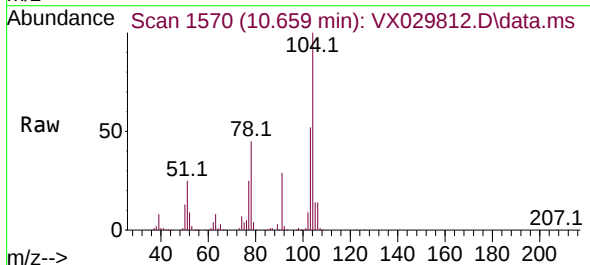
Manual Integrations
APPROVED

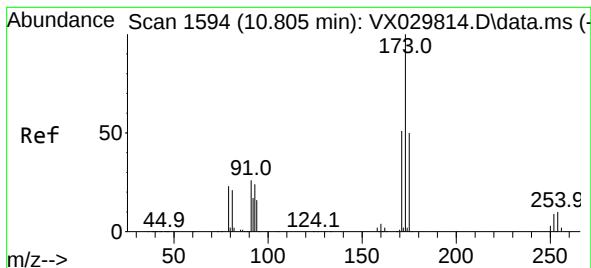
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 10.947 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion:104 Resp: 120415
Ion Ratio Lower Upper
104 100
78 51.0 38.6 57.8
103 56.8 43.8 65.8





#71

Bromoform

Concen: 9.576 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

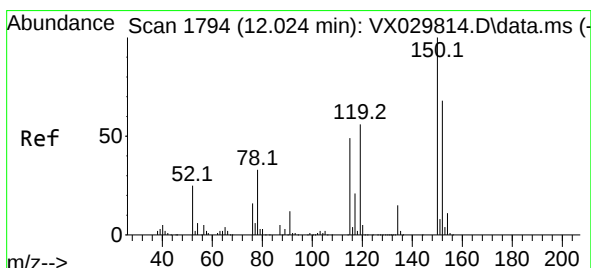
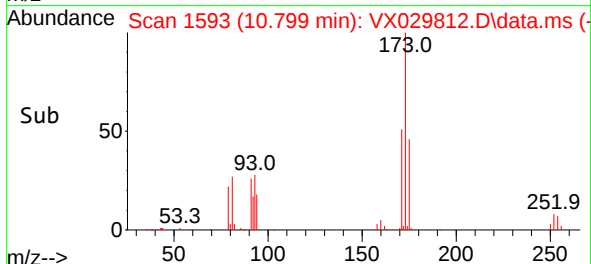
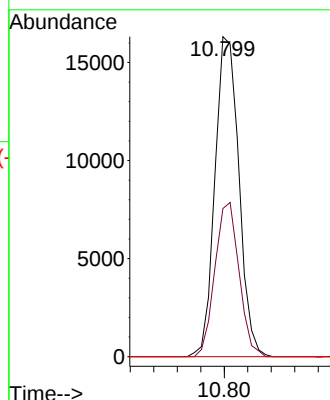
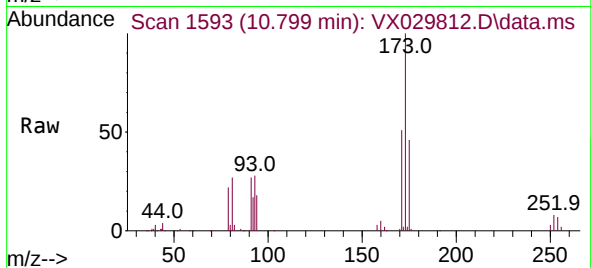
Tgt Ion:173 Resp: 23124
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.1 72.2
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

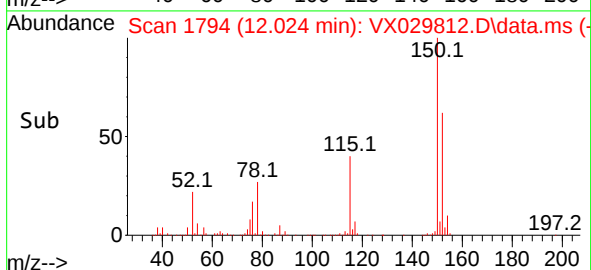
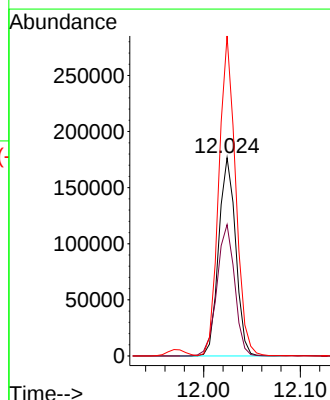
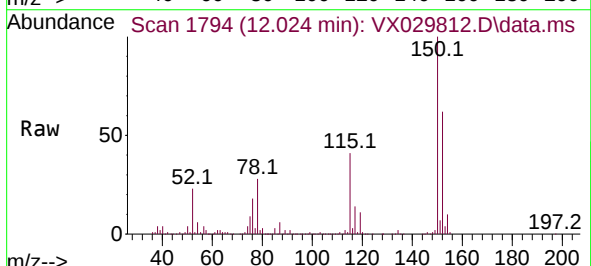
RT: 12.024 min Scan# 1794

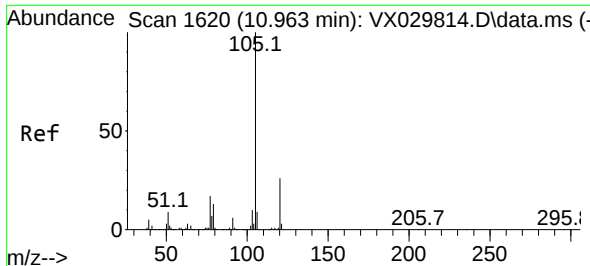
Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

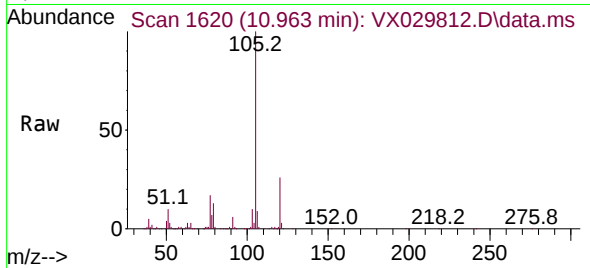
Tgt Ion:152 Resp: 215003
 Ion Ratio Lower Upper
 152 100
 115 68.9 37.5 112.7
 150 159.0 0.0 338.2





#73
Isopropylbenzene
Concen: 11.456 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

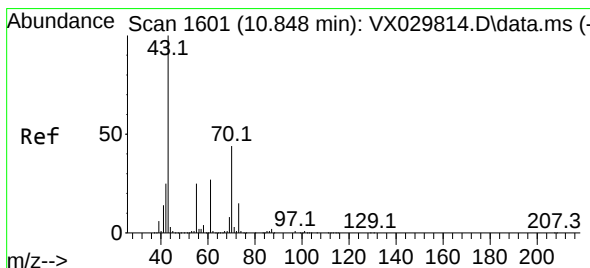
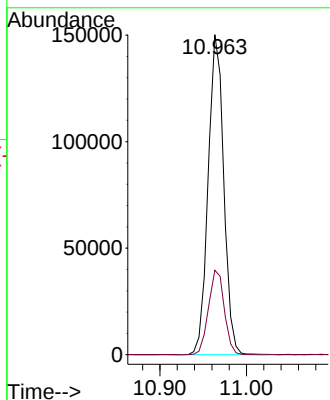
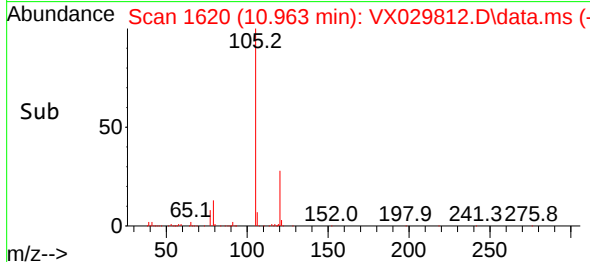
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



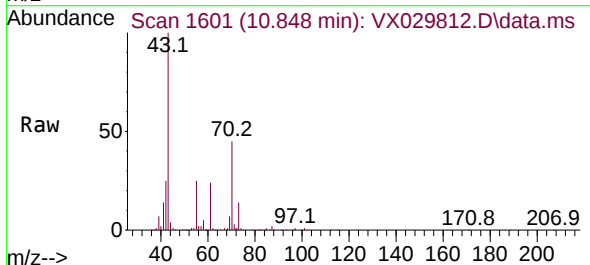
Tgt Ion:105 Resp: 187679
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

Manual Integrations
APPROVED

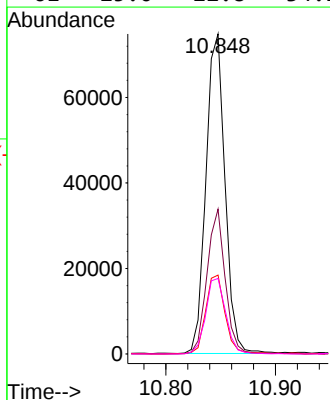
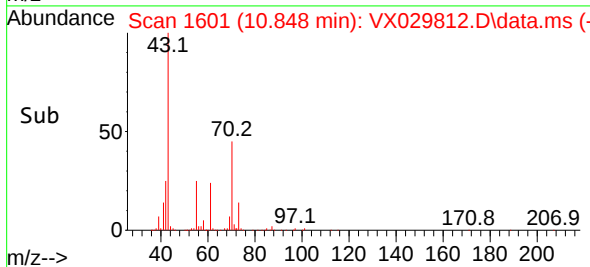
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

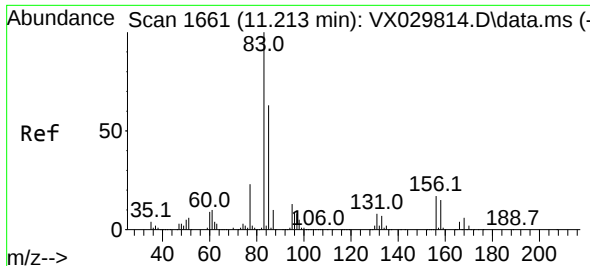


#74
N-ethyl acetate
Concen: 14.897 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



Tgt Ion: 43 Resp: 90203
Ion Ratio Lower Upper
43 100
70 43.7 42.5 63.7
55 25.3 23.1 34.7
61 25.0 22.8 34.2





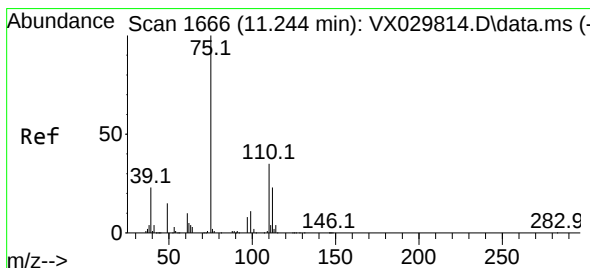
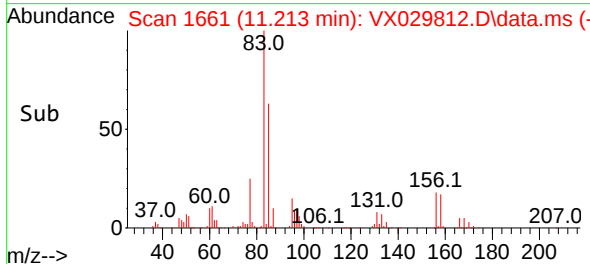
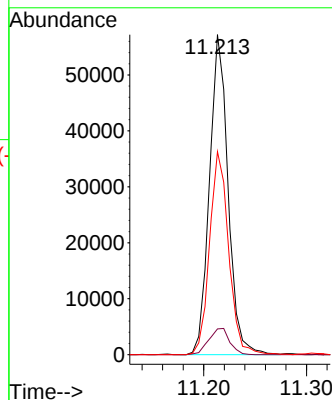
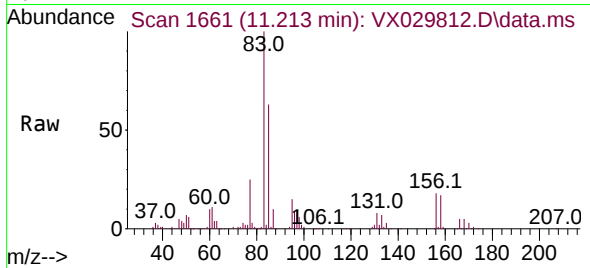
#75
1,1,2,2-Tetrachloroethane
Concen: 13.171 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 72060
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 65.2 32.6 97.7

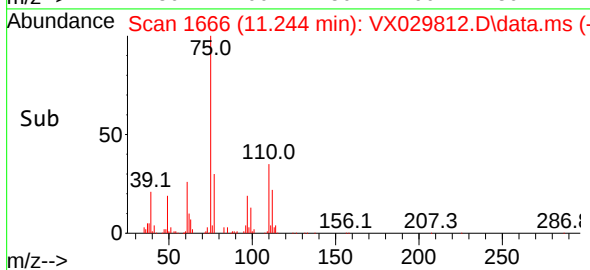
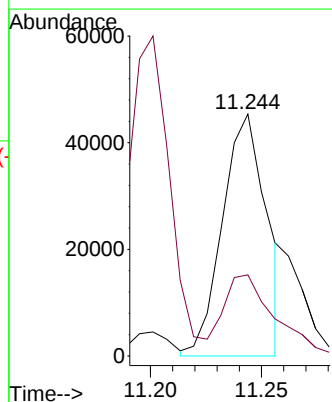
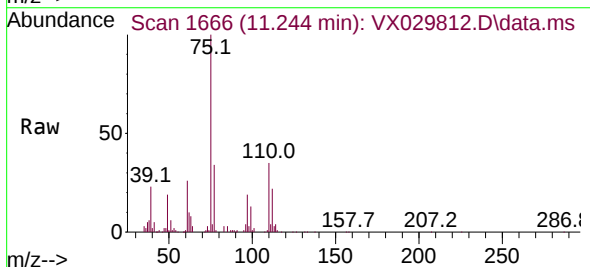
Manual Integrations
APPROVED

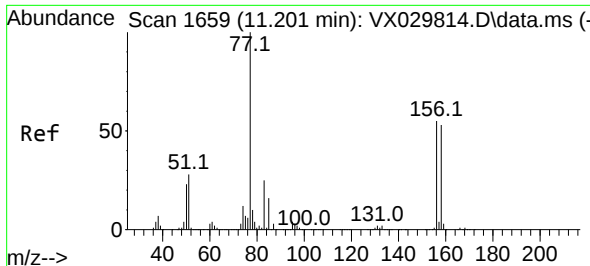
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,2,3-Trichloropropane
Concen: 12.781 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

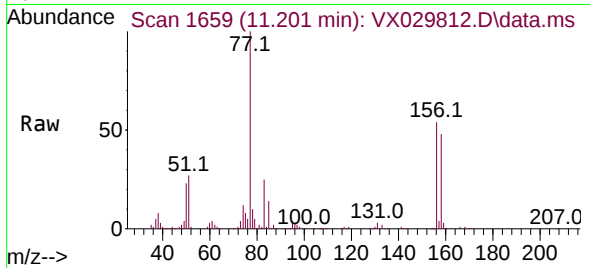
Tgt Ion: 75 Resp: 62437
Ion Ratio Lower Upper
75 100
77 39.0 19.4 58.2





#77
Bromobenzene
Concen: 10.966 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

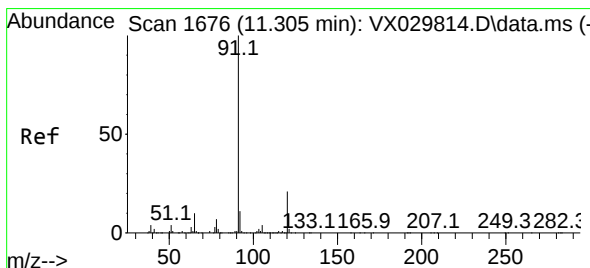
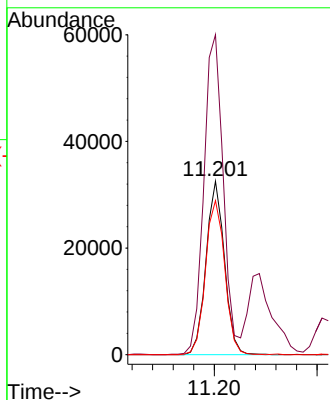
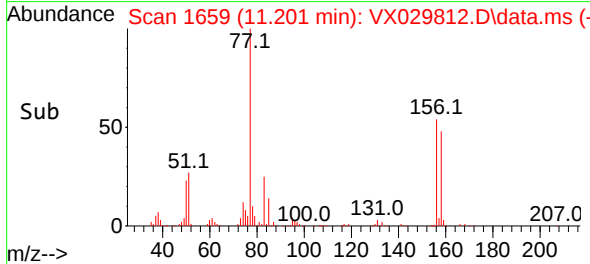
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



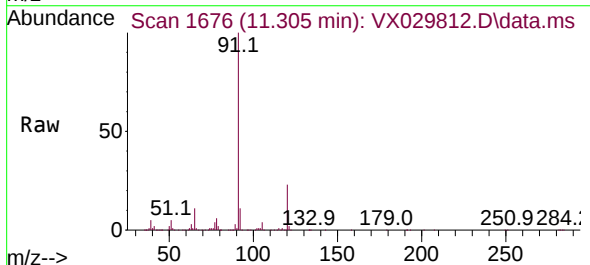
Tgt Ion:156 Resp: 40449
Ion Ratio Lower Upper
156 100
77 194.9 78.5 235.3
158 93.3 50.2 150.7

Manual Integrations
APPROVED

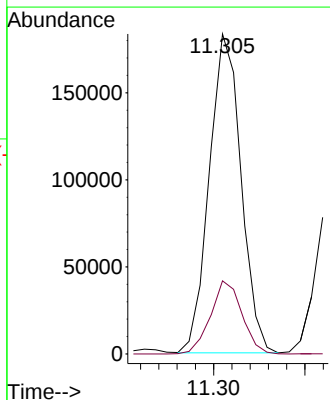
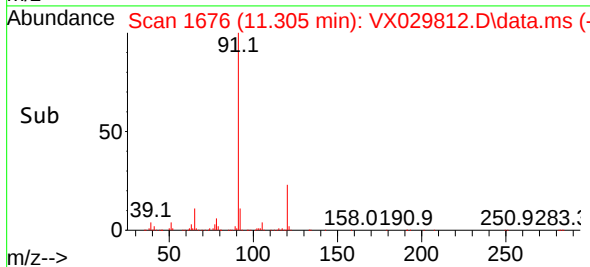
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

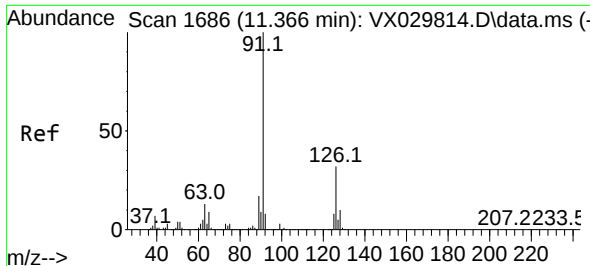


#78
n-propylbenzene
Concen: 11.817 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12



Tgt Ion: 91 Resp: 221582
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





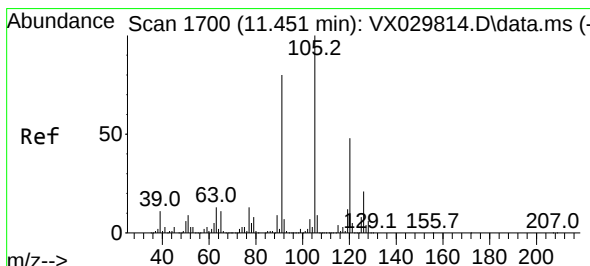
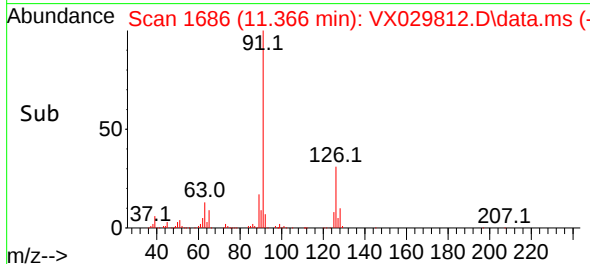
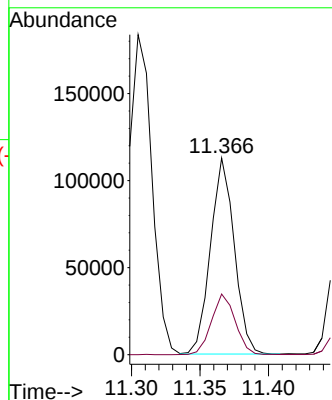
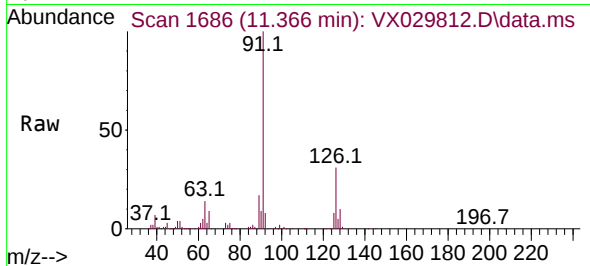
#79
2-Chlorotoluene
Concen: 11.848 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 13618
Ion Ratio Lower Upper
91 100
126 31.0 17.3 51.9

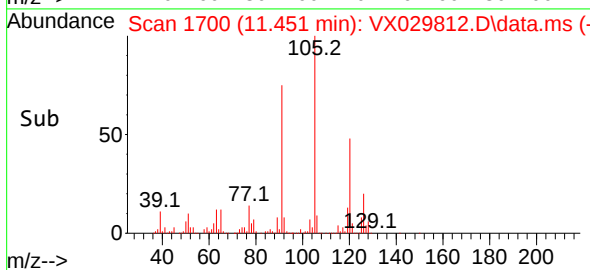
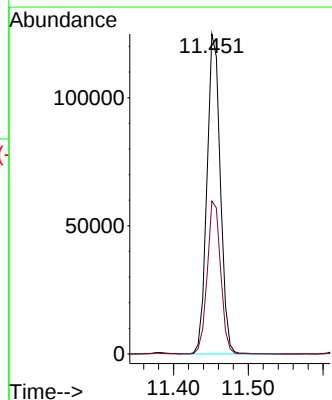
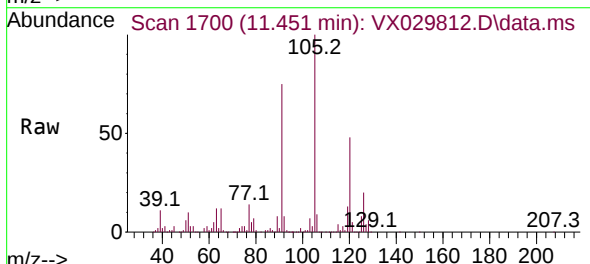
Manual Integrations
APPROVED

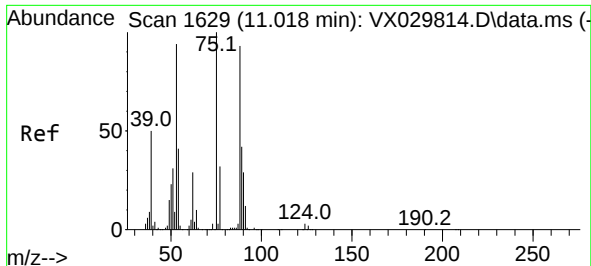
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 11.298 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

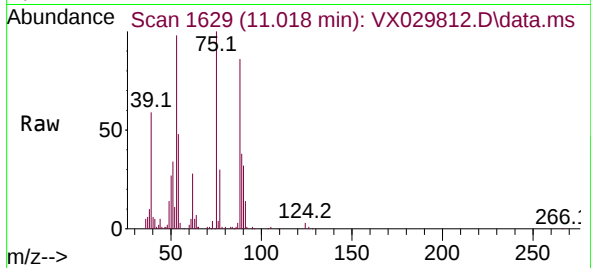
Tgt Ion:105 Resp: 154745
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 12.809 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

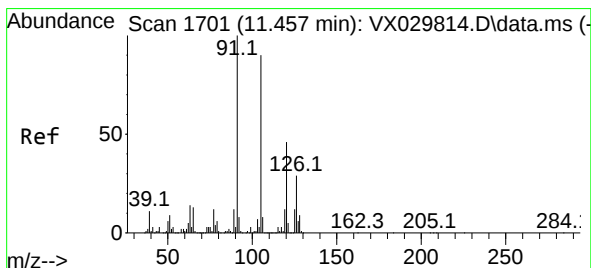
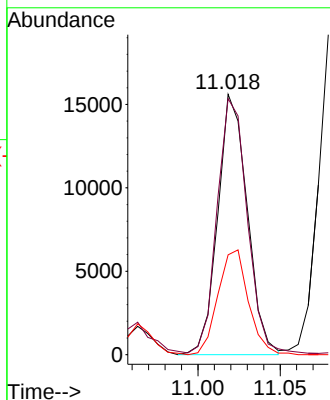
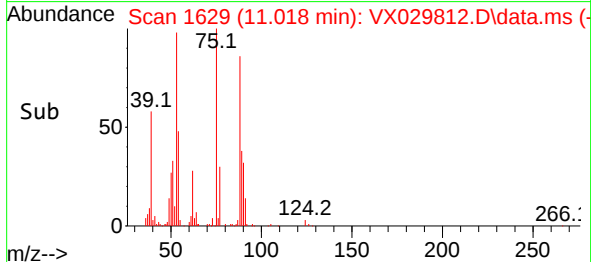
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 19470
Ion Ratio Lower Upper
75 100
53 101.4 69.0 103.4
89 41.6 37.0 55.6

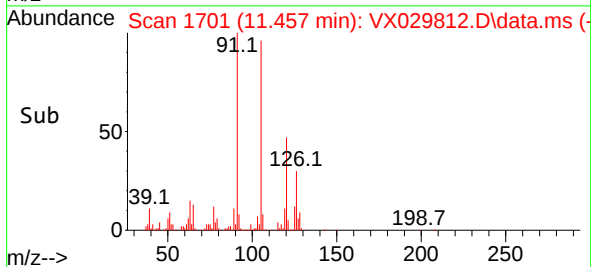
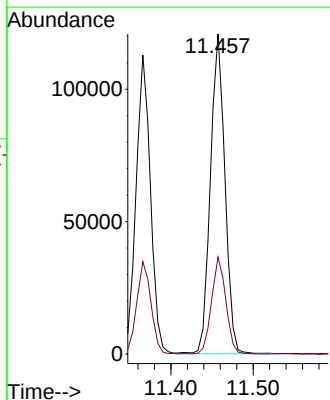
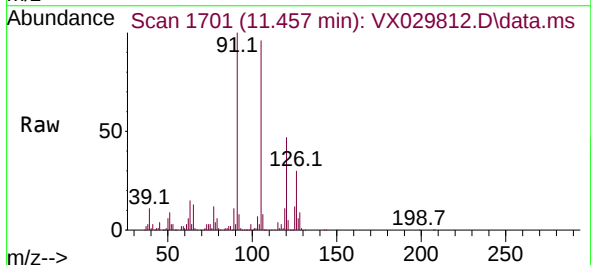
Manual Integrations
APPROVED

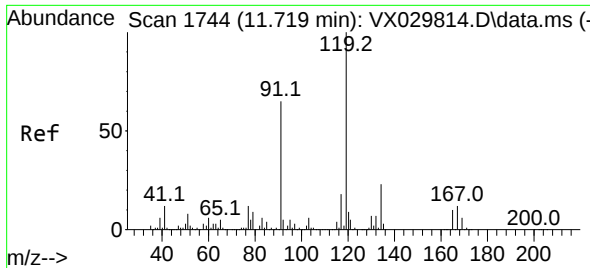
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#82
4-Chlorotoluene
Concen: 11.296 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 91 Resp: 148203
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.5





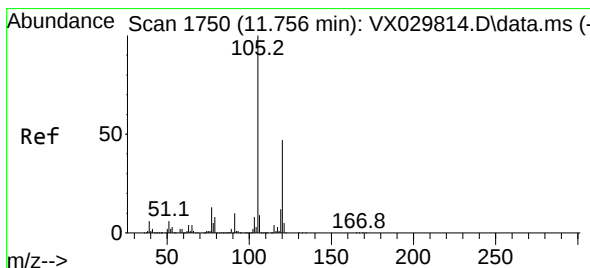
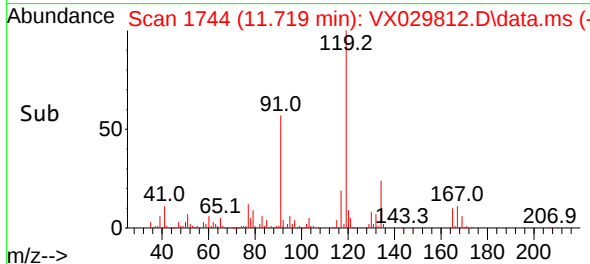
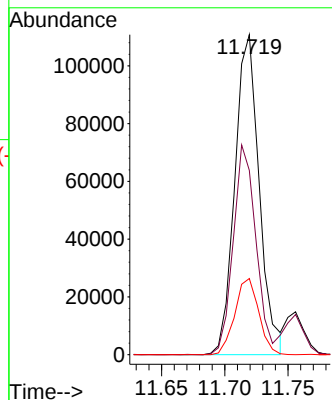
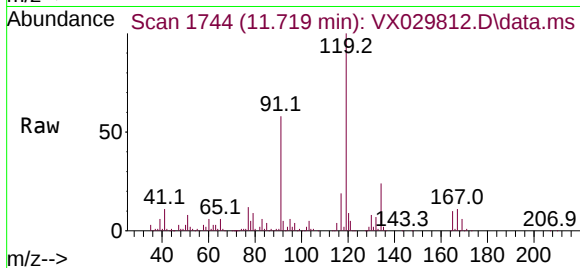
#83
tert-Butylbenzene
Concen: 11.093 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 148748
Ion Ratio Lower Upper
119 100
91 60.9 26.9 80.6
134 23.4 11.4 34.2

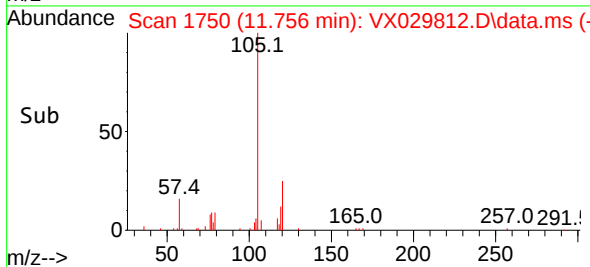
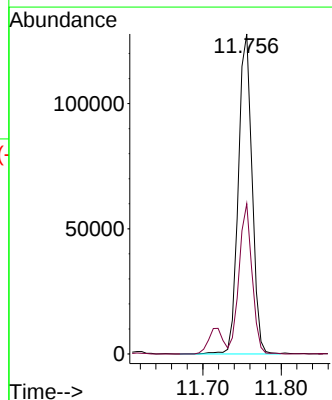
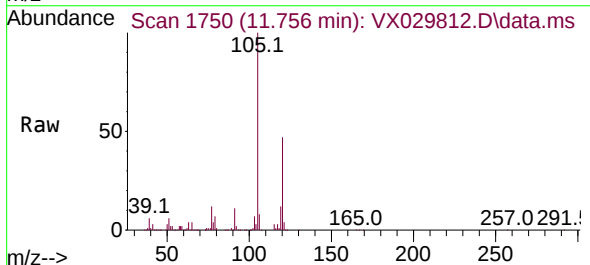
Manual Integrations
APPROVED

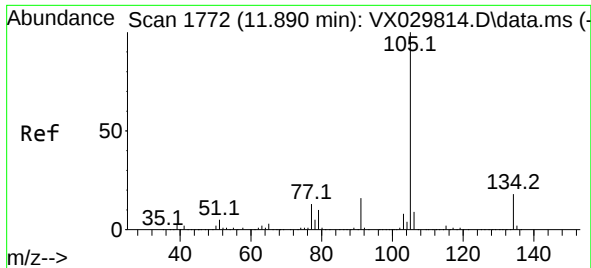
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 11.291 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion:105 Resp: 155019
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.8





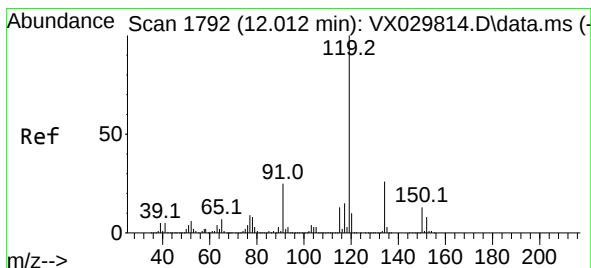
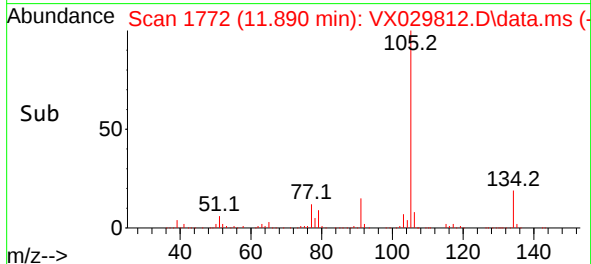
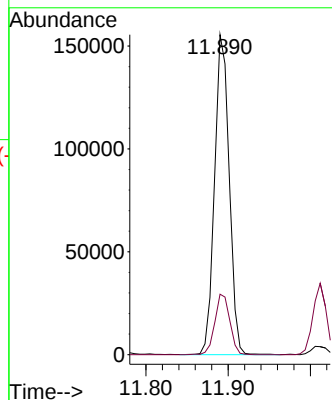
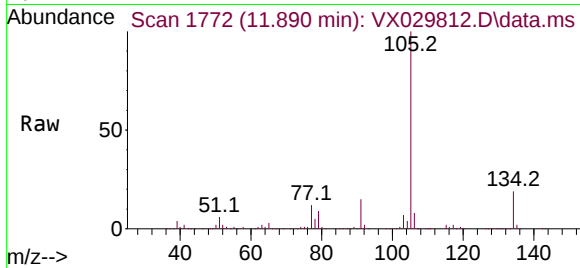
#85
 sec-Butylbenzene
 Concen: 11.513 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029812.D
 Acq: 27 Jun 2022 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 192720
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

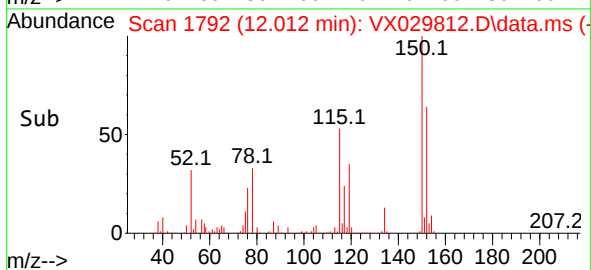
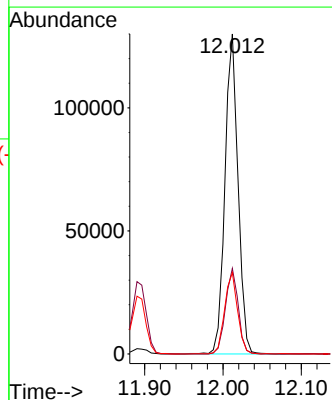
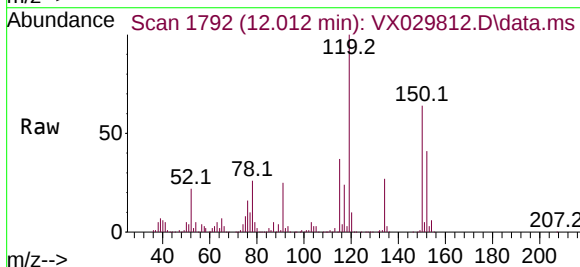
Manual Integrations
 APPROVED

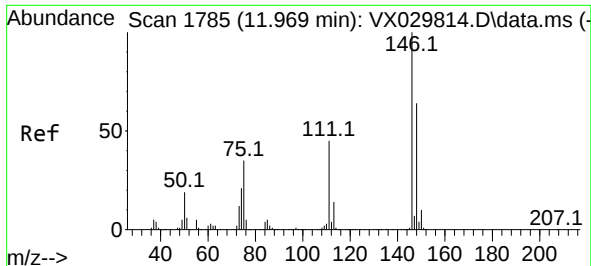
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#86
 p-Isopropyltoluene
 Concen: 10.867 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029812.D
 Acq: 27 Jun 2022 12:12

Tgt Ion:119 Resp: 151244
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.3 11.3 33.9





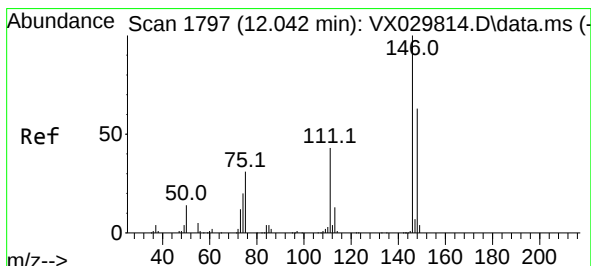
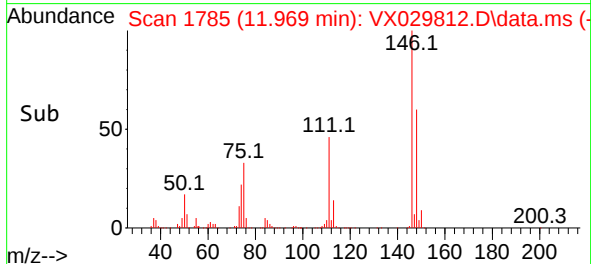
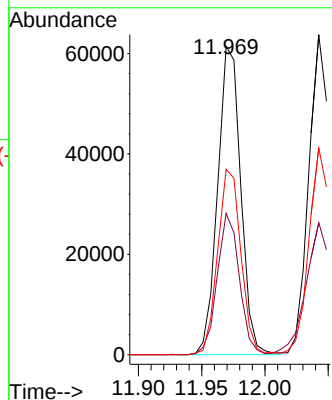
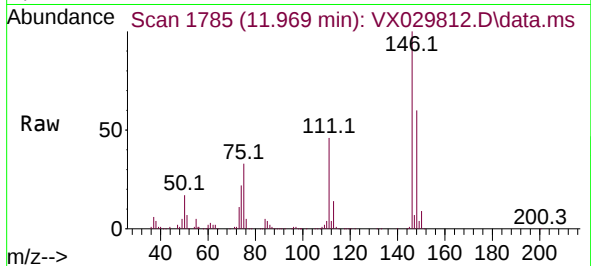
#87
1,3-Dichlorobenzene
Concen: 11.050 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 77918
Ion Ratio Lower Upper
146 100
111 43.9 19.7 59.1
148 60.7 31.6 94.7

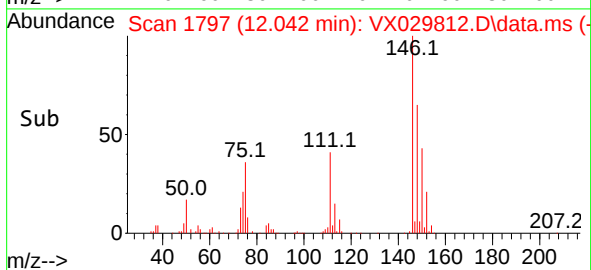
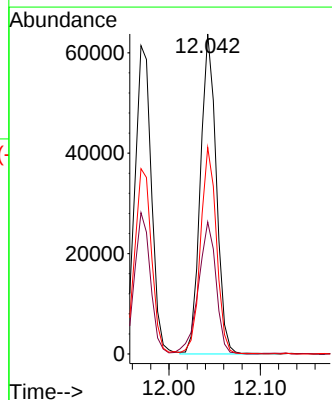
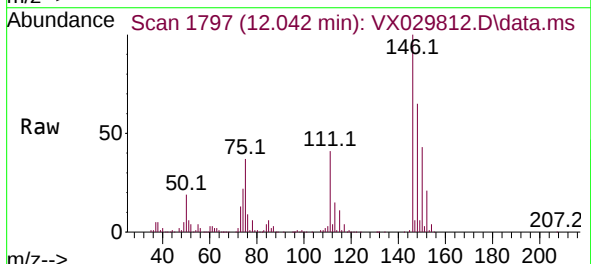
Manual Integrations
APPROVED

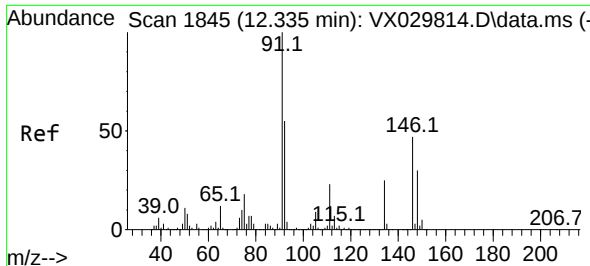
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#88
1,4-Dichlorobenzene
Concen: 10.931 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

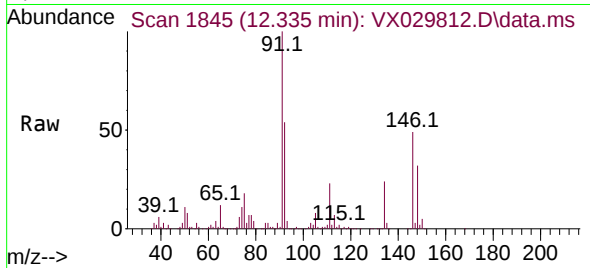
Tgt Ion:146 Resp: 76950
Ion Ratio Lower Upper
146 100
111 45.8 19.2 57.6
148 64.6 32.3 96.9





#89
n-Butylbenzene
Concen: 11.506 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

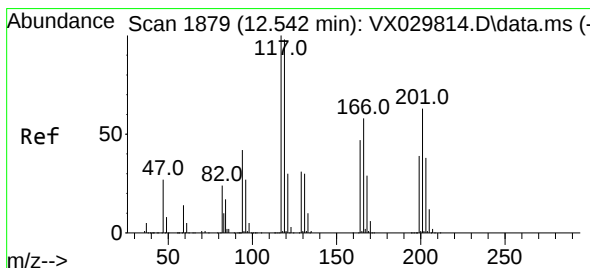
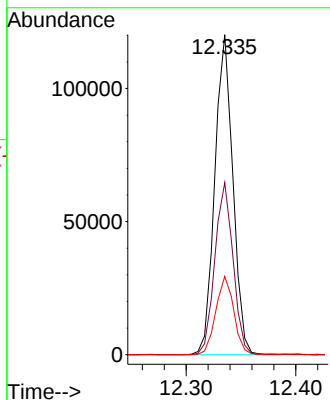
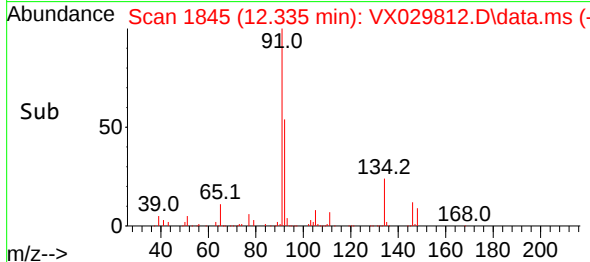
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 13791
Ion Ratio Lower Upper
91 100
92 54.3 27.8 83.3
134 24.3 13.3 39.8

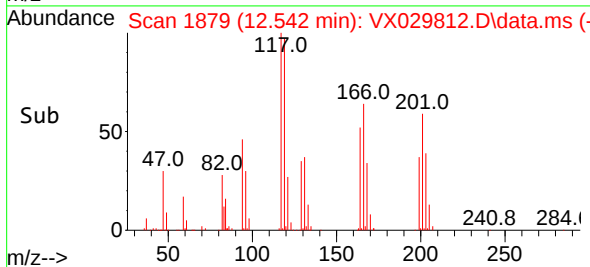
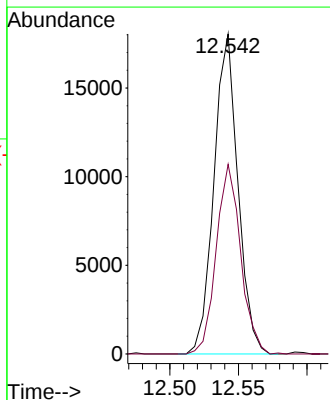
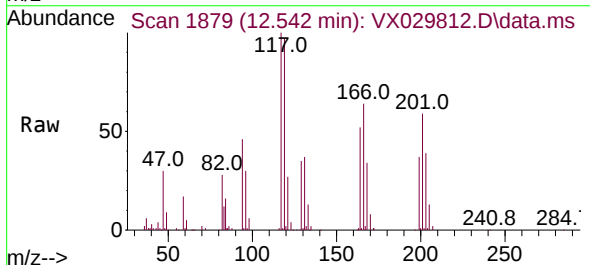
Manual Integrations
APPROVED

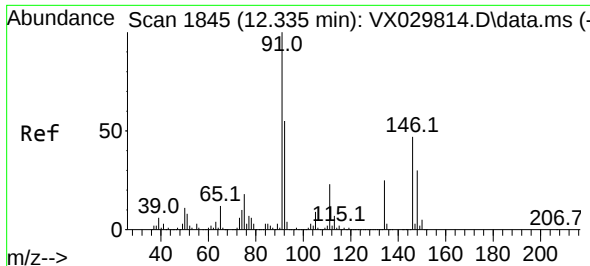
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 10.899 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion:117 Resp: 21952
Ion Ratio Lower Upper
117 100
201 60.3 39.5 118.5





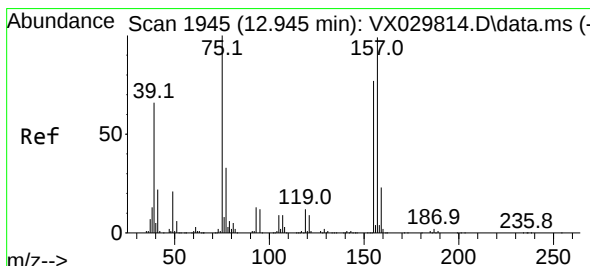
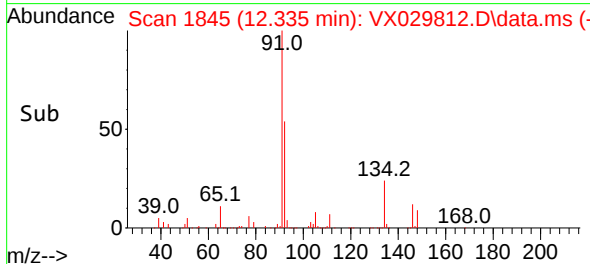
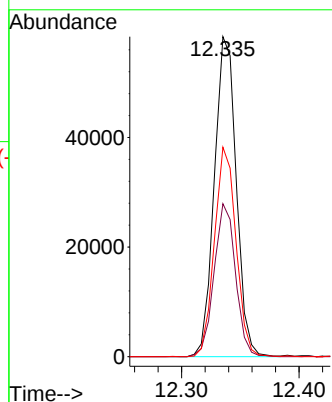
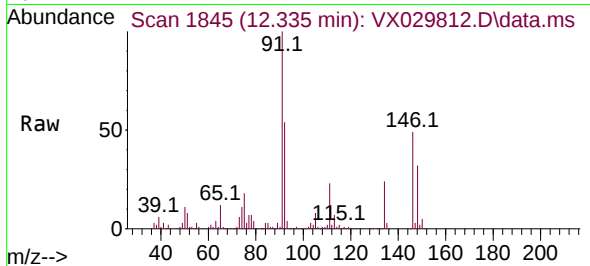
#91
1,2-Dichlorobenzene
Concen: 10.924 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7564
Ion Ratio Lower Upper
146 100
111 46.7 21.0 63.0
148 64.4 32.6 97.7

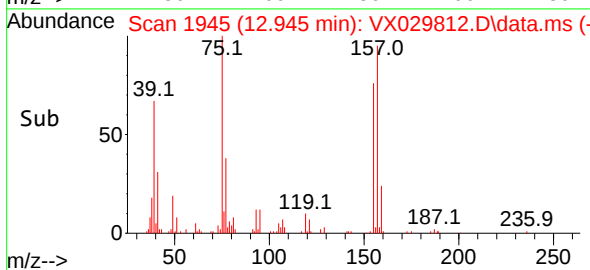
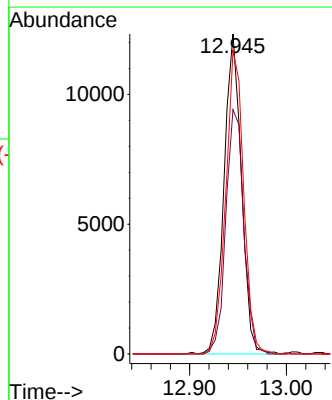
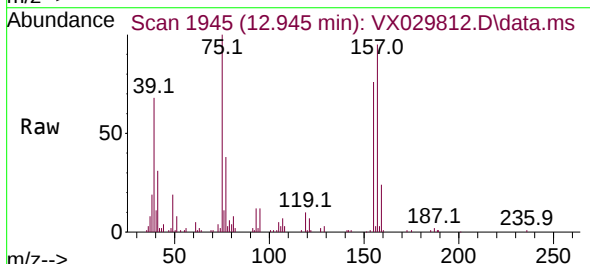
Manual Integrations
APPROVED

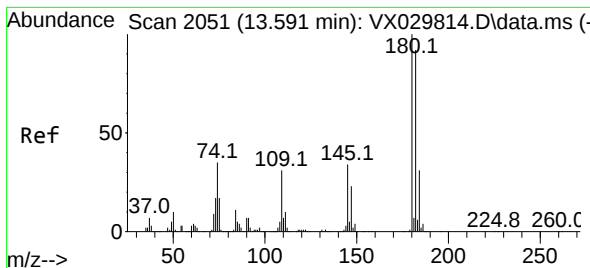
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.478 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX029812.D
Acq: 27 Jun 2022 12:12

Tgt Ion: 75 Resp: 15300
Ion Ratio Lower Upper
75 100
155 78.9 47.0 141.2
157 97.8 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 10.105 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

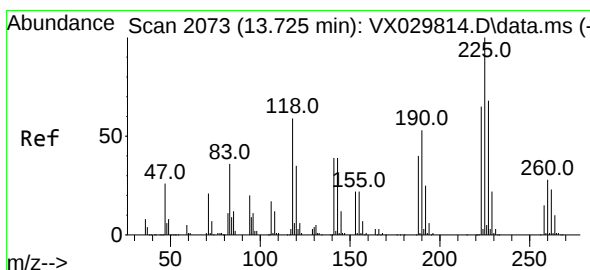
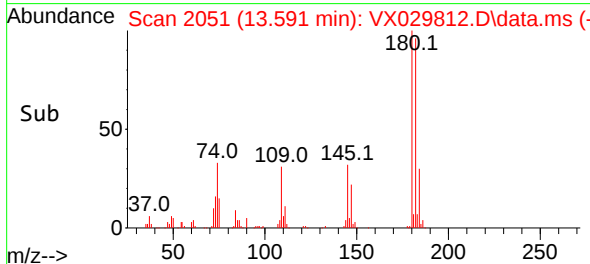
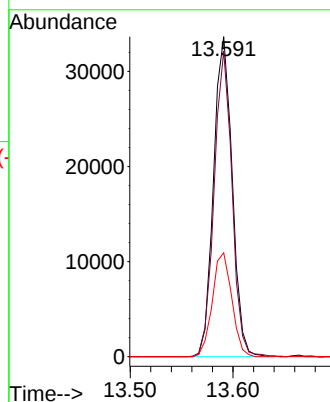
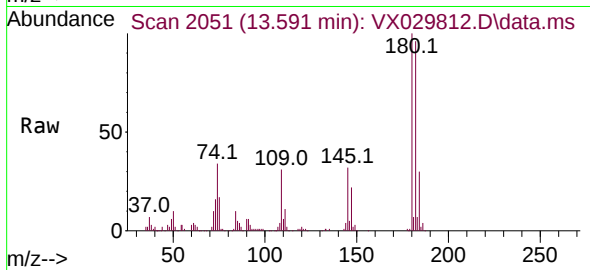
Tgt Ion:180	Resp:	4225
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.7 143.1
145	33.9	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#94

Hexachlorobutadiene

Concen: 8.977 ug/l

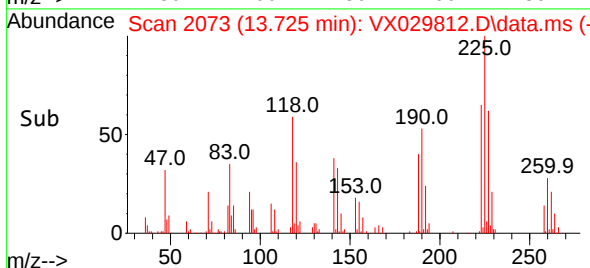
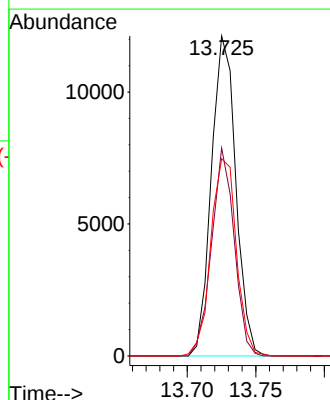
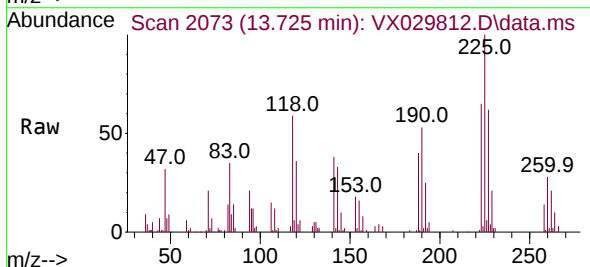
RT: 13.725 min Scan# 2073

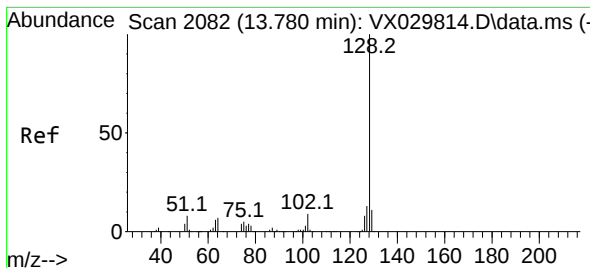
Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Tgt Ion:225	Resp:	14989
Ion Ratio	Lower	Upper
225	100	
223	60.1	34.2 102.5
227	64.6	33.9 101.7





#95

Naphthalene

Concen: 11.911 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

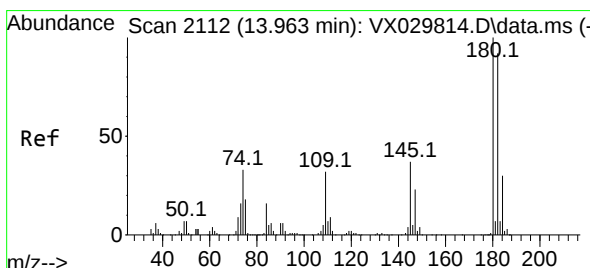
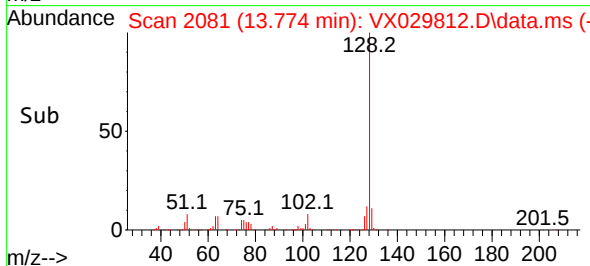
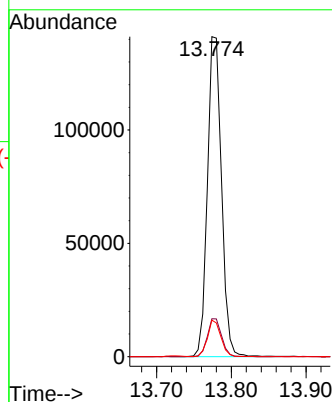
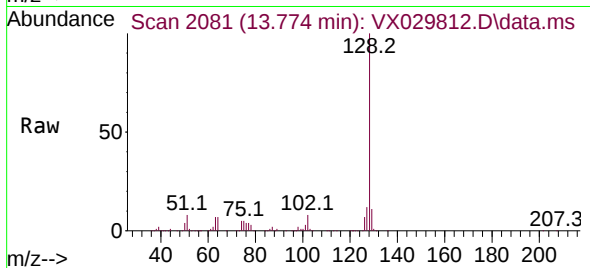
Tgt Ion:128	Resp: 18466
Ion Ratio	Lower Upper
128 100	
127 12.0	10.2 15.4
129 10.8	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#96

1,2,3-Trichlorobenzene

Concen: 10.483 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029812.D

Acq: 27 Jun 2022 12:12

Tgt Ion:180	Resp: 44125
Ion Ratio	Lower Upper
180 100	
182 91.7	50.0 149.8
145 34.0	16.2 48.5

