

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022948.D
 Acq On : 26 Jun 2021 02:14
 Operator : JC/MD
 Sample : PB137293ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:59:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

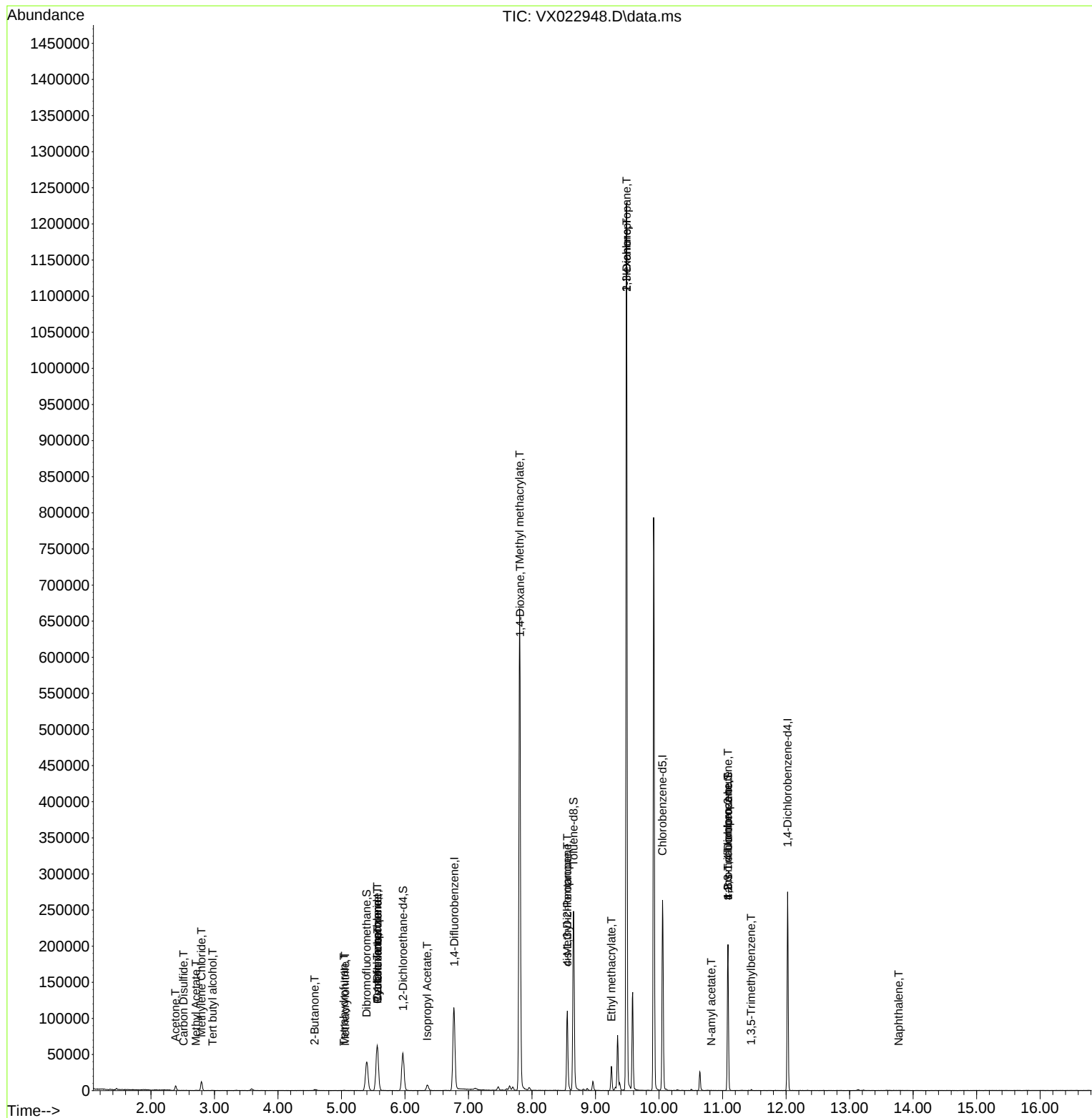
Internal Standards						
1) Pentafluorobenzene	5.568	168	51771	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.775	114	106903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	48679	51.81	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.62%			
35) Dibromofluoromethane	5.397	113	33893	49.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.86%			
50) Toluene-d8	8.653	98	141282	53.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.20%			
62) 4-Bromofluorobenzene	11.085	95	52398	52.77	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.54%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	54	0.28	ug/l #	73
16) Acetone	2.386	43	7158	17.19	ug/l	94
17) Carbon Disulfide	2.514	76	153	3.59	ug/l #	75
18) Methyl Acetate	2.709	43	471	0.46	ug/l #	81
20) Methylene Chloride	2.794	84	5011	6.39	ug/l #	88
25) 2-Butanone	4.574	43	947	1.46	ug/l #	83
29) Tetrahydrofuran	5.038	42	340	0.82	ug/l #	27
31) Cyclohexane	5.568	56	1520	1.15	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	5426	4.78	ug/l #	44
38) Carbon Tetrachloride	5.562	117	6030	6.33	ug/l #	15
41) Methacrylonitrile	5.056	41	148	0.20	ug/l #	1
43) Isopropyl Acetate	6.348	43	10217	4.83	ug/l #	93
48) Methyl methacrylate	7.805	41	58398	59.67	ug/l #	38
49) 1,4-Dioxane	7.811	88	92	4.37	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	38816	29.49	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	16640	13.57	ug/l #	68
56) Ethyl methacrylate	9.250	69	119	2.66	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10007	6.93	ug/l #	42
59) 2-Hexanone	9.488	43	145319	145.54	ug/l #	44
74) N-amyl acetate	10.823	43	209	2.15	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	29760	24.51	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	666	0.21	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	29760	64.08	ug/l #	12
95) Naphthalene	13.774	128	220	1.98	ug/l #	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

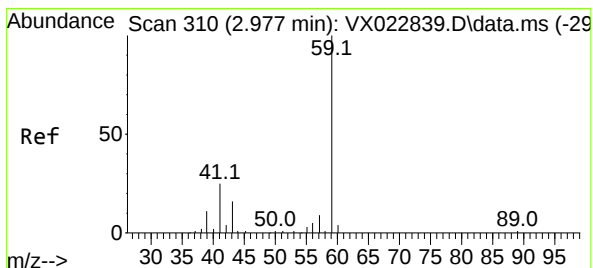
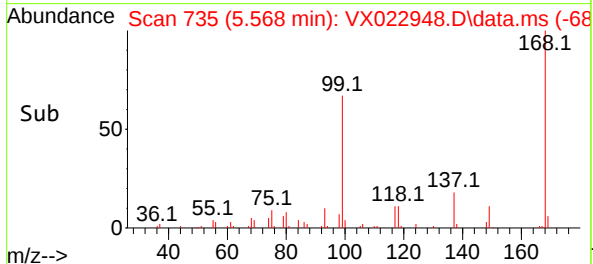
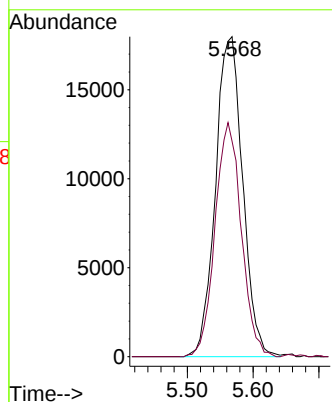
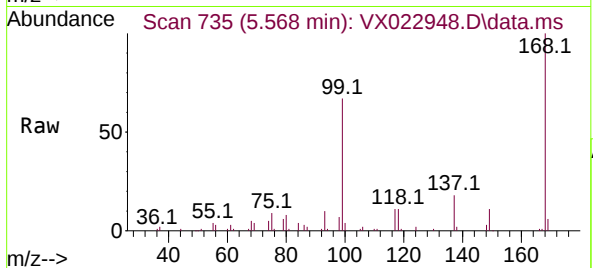




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

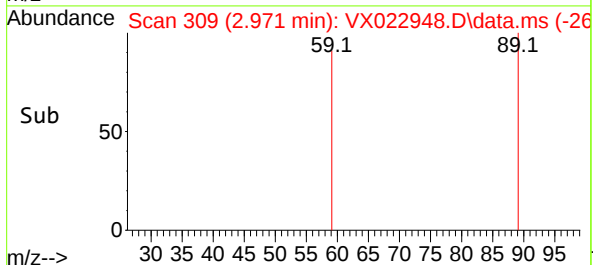
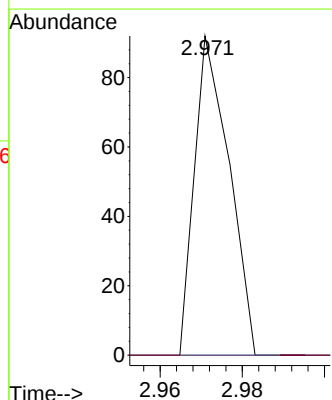
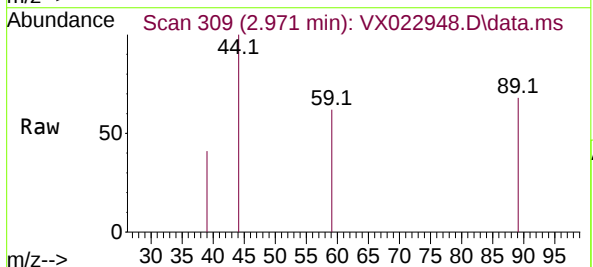
Instrument :
MSVOA_X
ClientSampled :

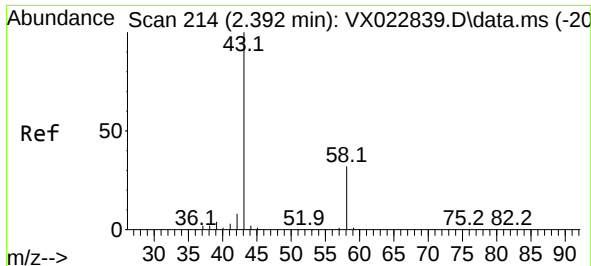
Tgt Ion:168 Resp: 51771
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 0.28 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

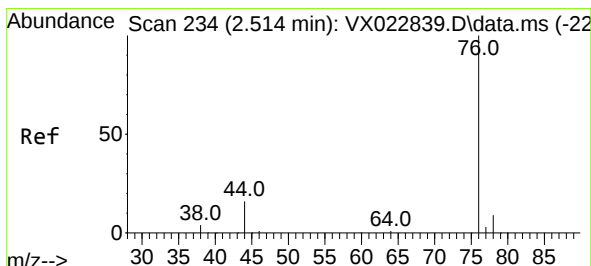
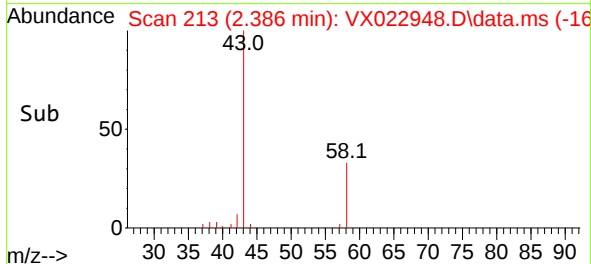
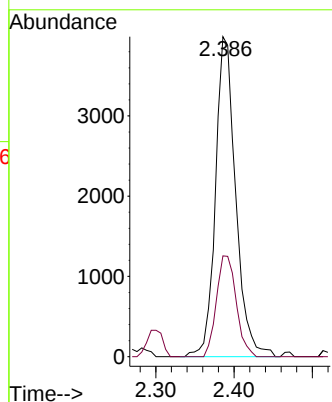
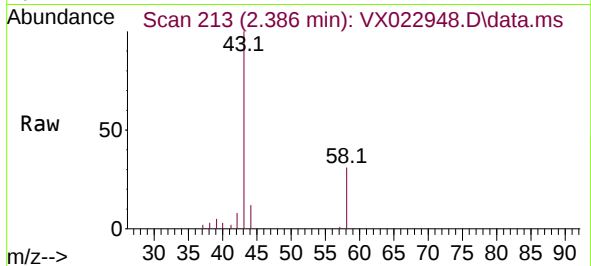




#16
Acetone
Concen: 17.19 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

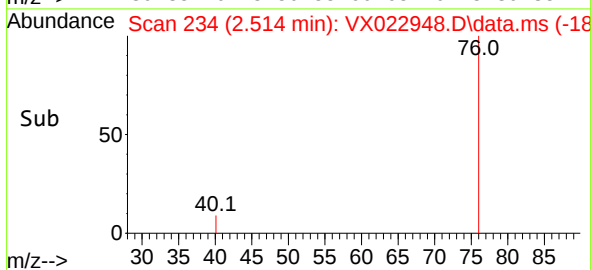
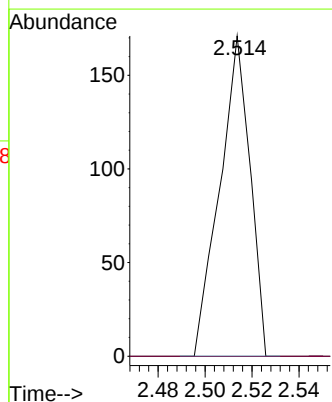
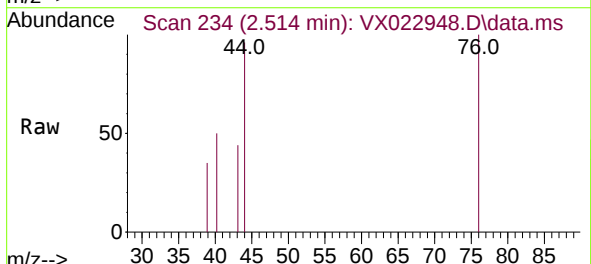
Instrument :
MSVOA_X
ClientSampleId :

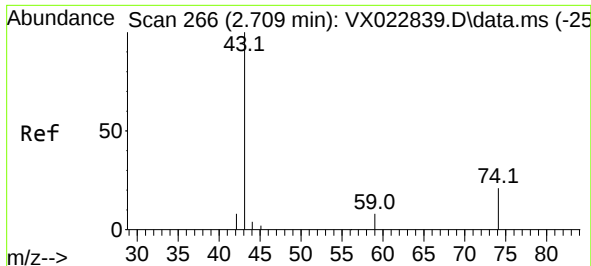
Tgt Ion: 43 Resp: 7158
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8



#17
Carbon Disulfide
Concen: 3.59 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 76 Resp: 153
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

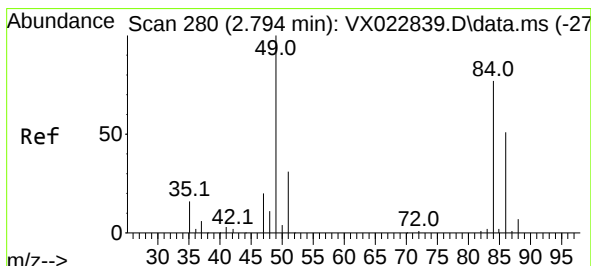
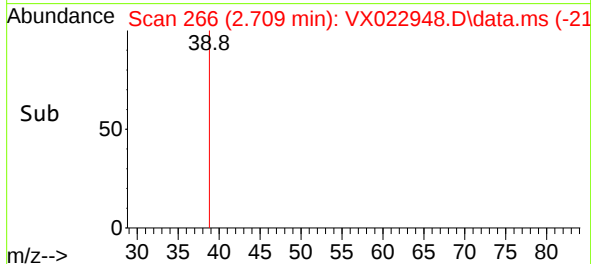
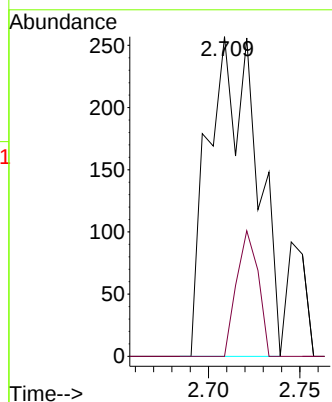
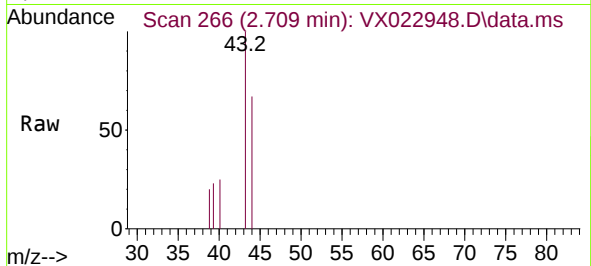




#18
Methyl Acetate
Concen: 0.46 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

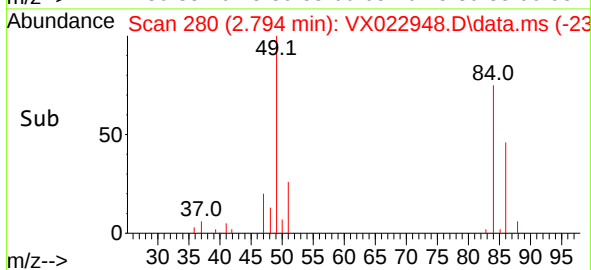
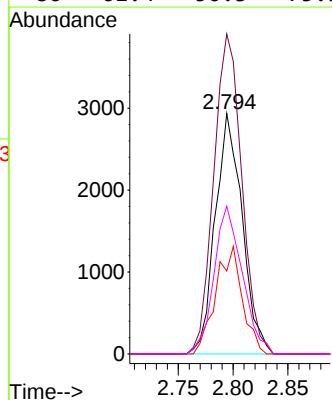
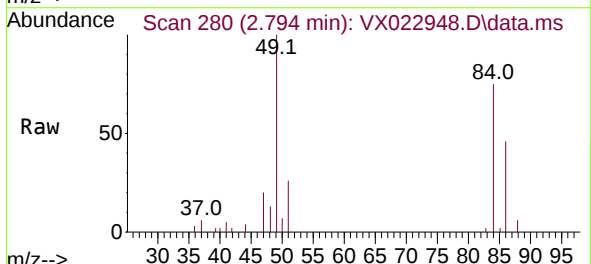
Instrument :
MSVOA_X
ClientSampled :

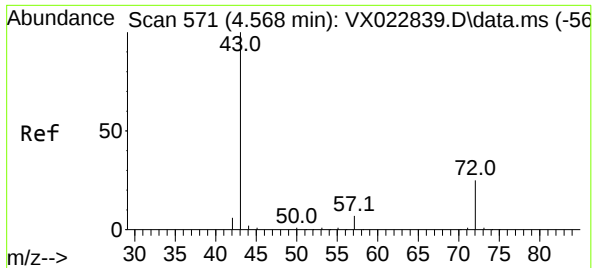
Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
74 17.6 21.9 32.9#



#20
Methylene Chloride
Concen: 6.39 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 84 Resp: 5011
Ion Ratio Lower Upper
84 100
49 133.0 88.6 132.8#
51 34.5 27.0 40.6
86 61.4 50.3 75.5

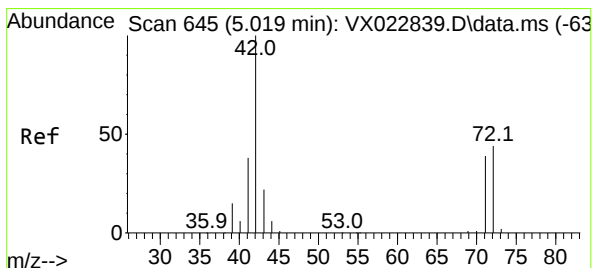
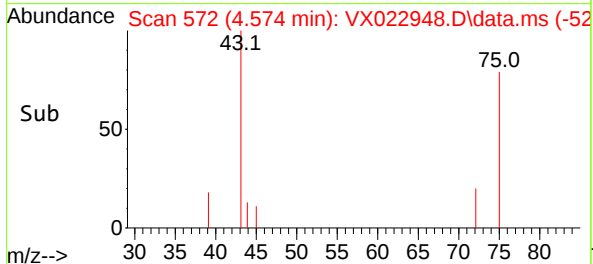
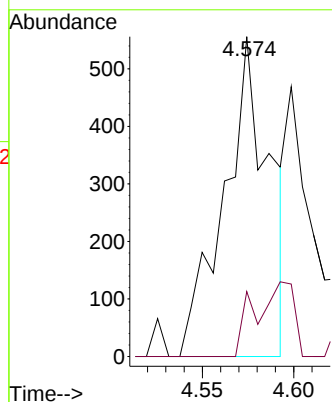
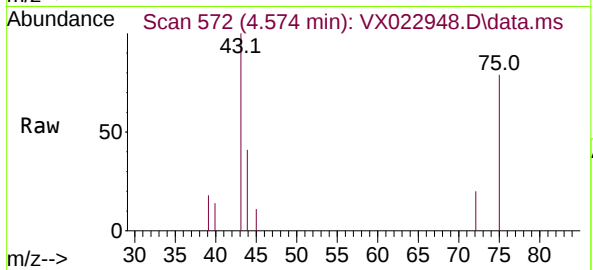




#25
2-Butanone
Concen: 1.46 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

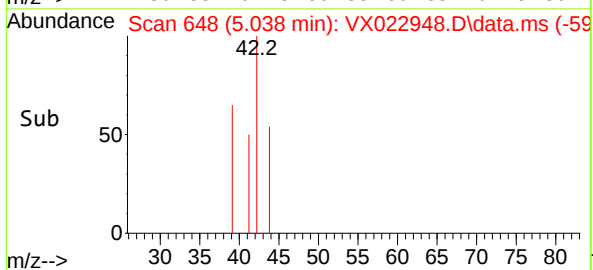
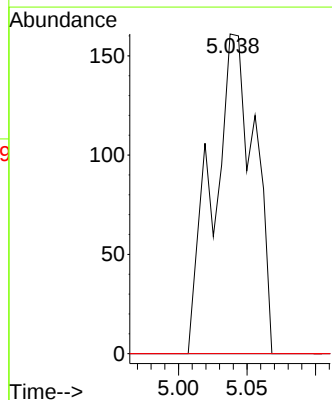
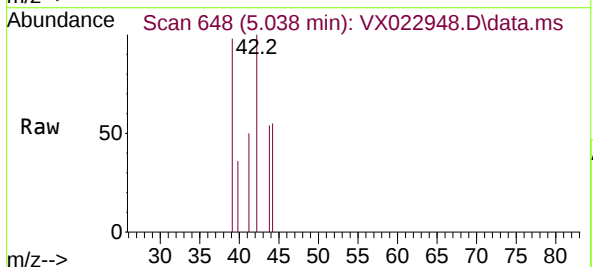
Instrument :
MSVOA_X
ClientSampled :

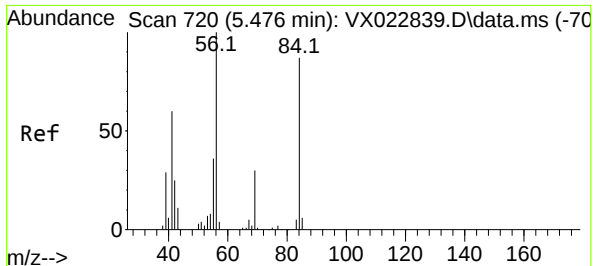
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
72 20.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.82 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

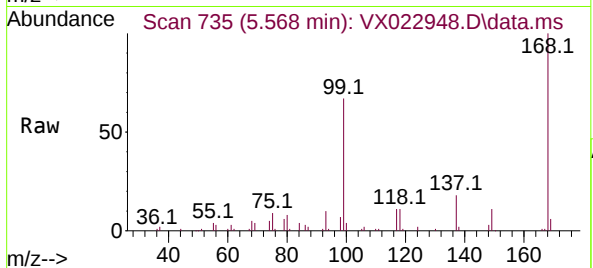
Tgt Ion: 42 Resp: 340
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



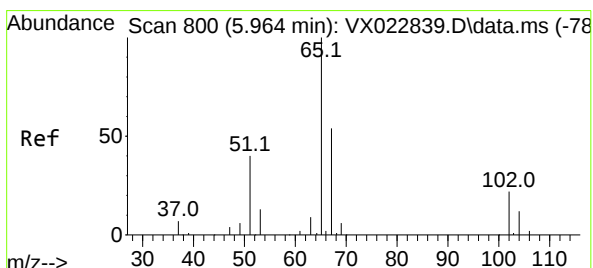
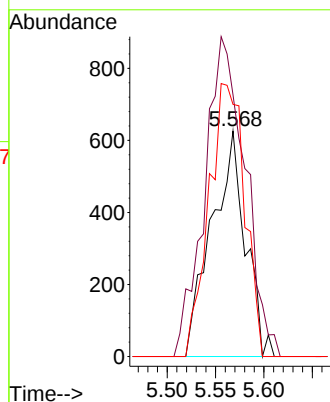
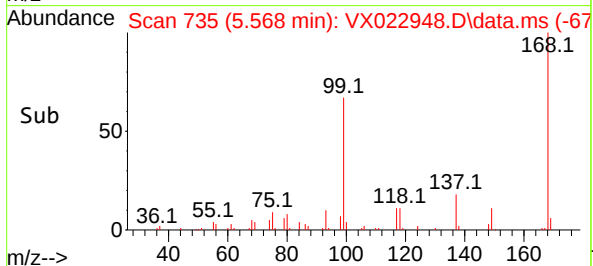


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

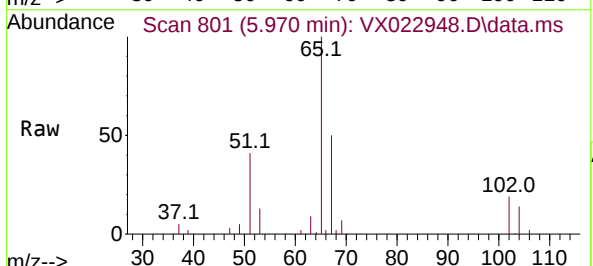
Instrument :
MSVOA_X
ClientSampled :



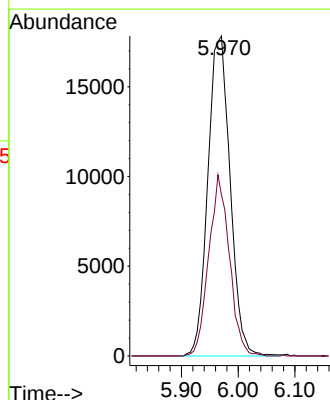
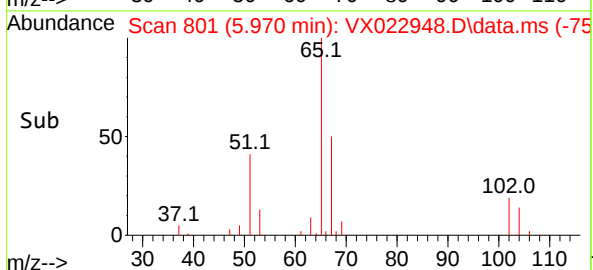
Tgt Ion: 56 Resp: 1520
Ion Ratio Lower Upper
56 100
69 116.1 25.3 37.9#
84 111.8 71.4 107.0#

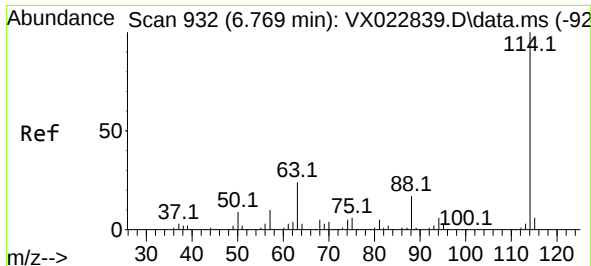


#33
1,2-Dichloroethane-d4
Concen: 51.81 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14



Tgt Ion: 65 Resp: 48679
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

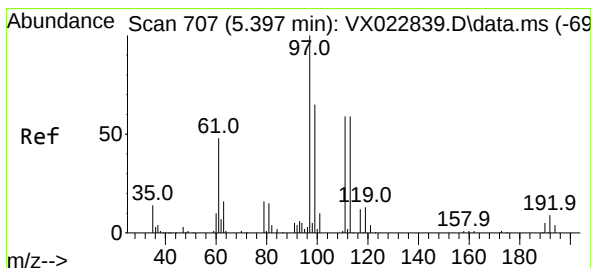
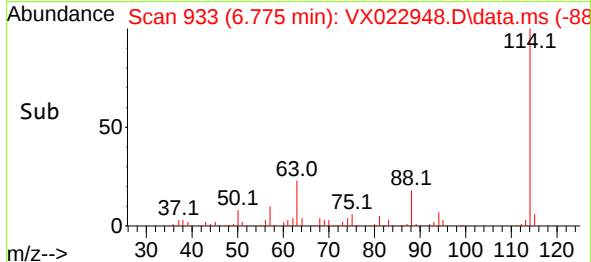
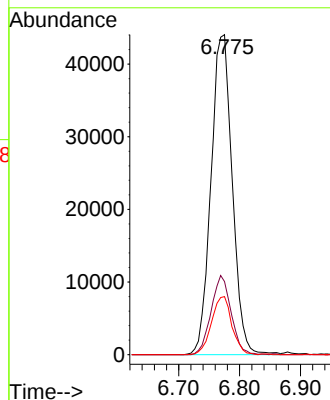
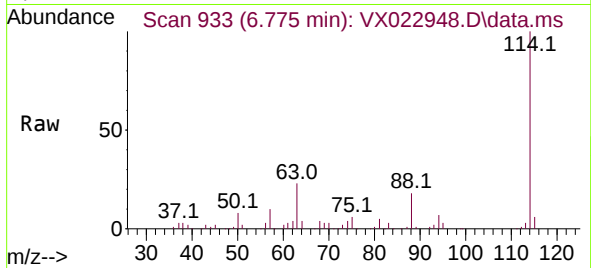




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

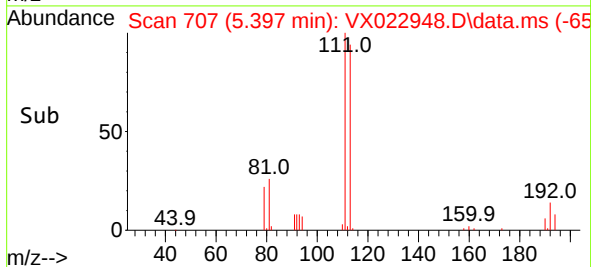
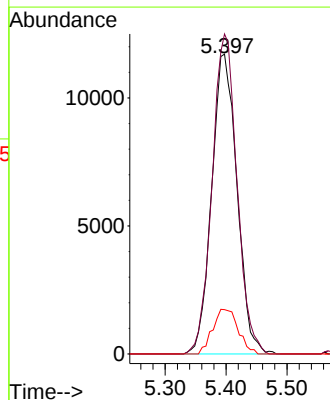
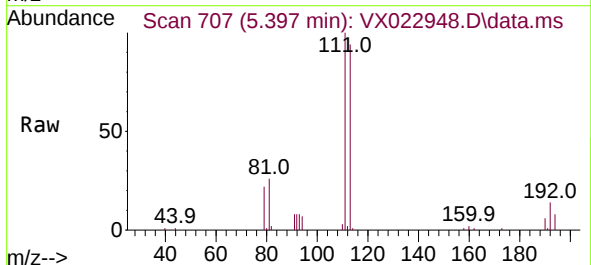
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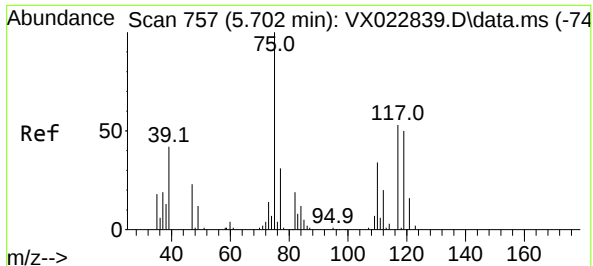
Tgt Ion:114 Resp: 106903
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.93 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion:113 Resp: 33893
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 15.0 16.7 25.1#

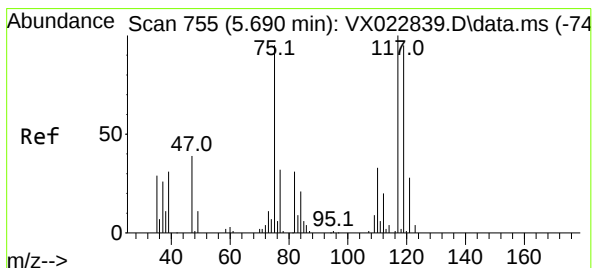
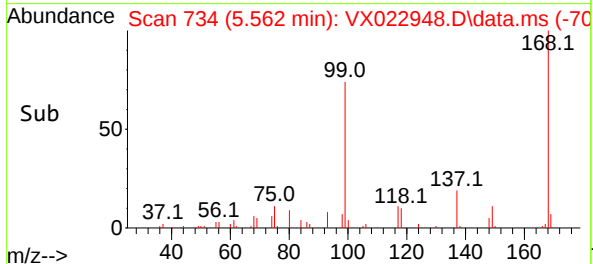
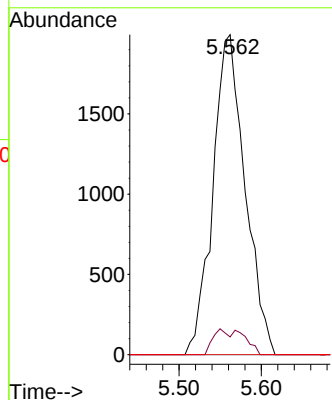
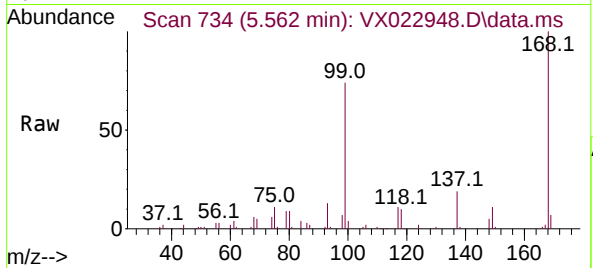




#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

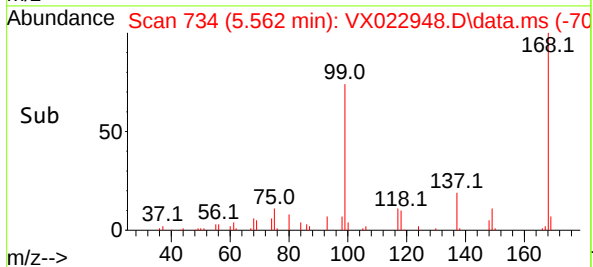
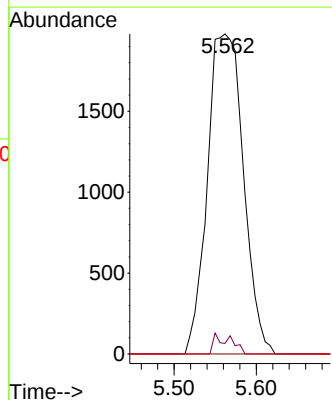
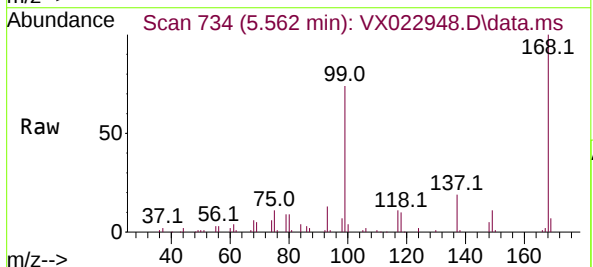
Instrument :
MSVOA_X
ClientSampled :

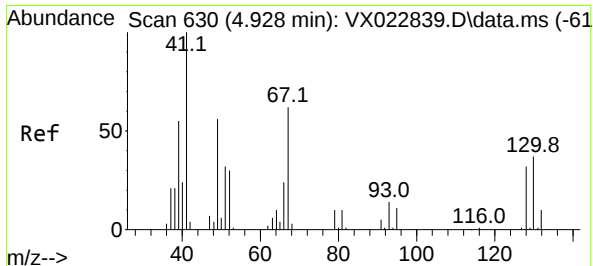
Tgt Ion: 75 Resp: 5426
Ion Ratio Lower Upper
75 100
110 4.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 117 Resp: 6030
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#



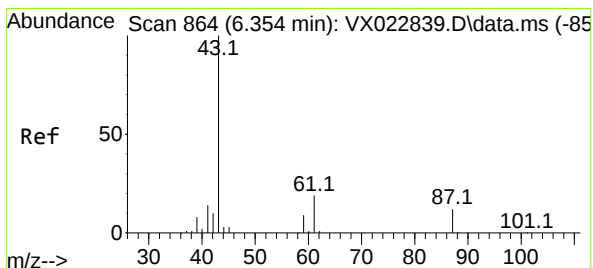
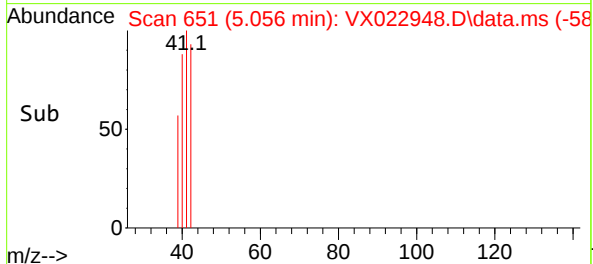
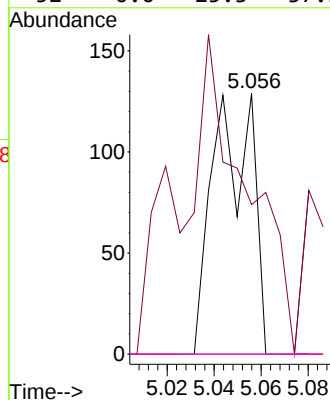
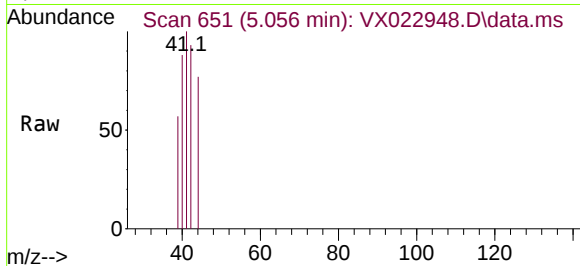


#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.128 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 41 Resp: 148

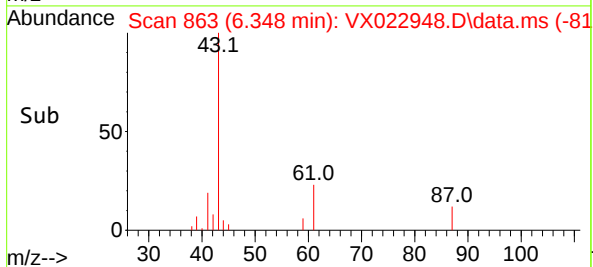
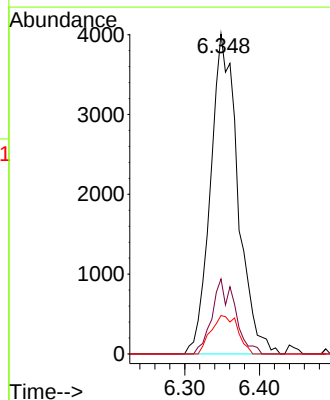
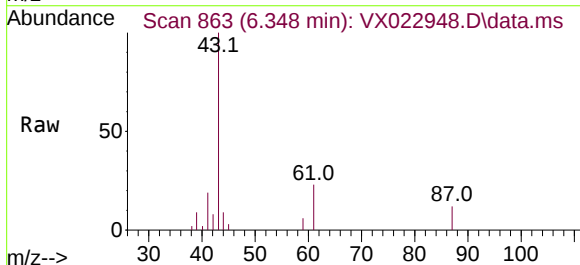
Ion	Ratio	Lower	Upper
41	100		
39	210.1	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

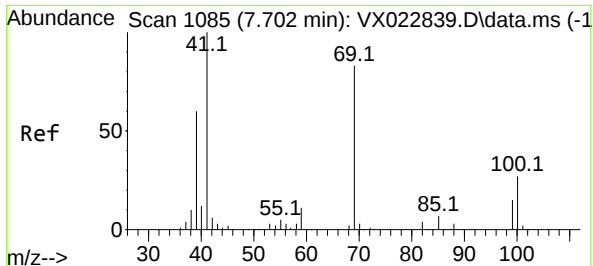


#43
Isopropyl Acetate
Concen: 4.83 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 43 Resp: 10217

Ion	Ratio	Lower	Upper
43	100		
61	19.9	18.2	27.4
87	11.7	12.5	18.7#





#48

Methyl methacrylate

Concen: 59.67 ug/l

RT: 7.805 min Scan# 1102

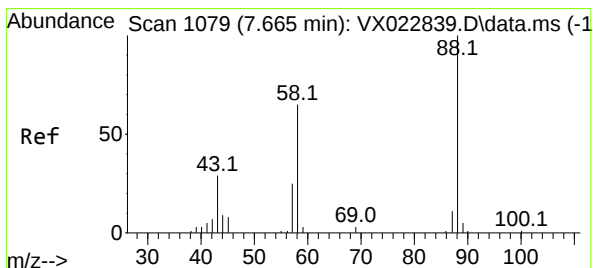
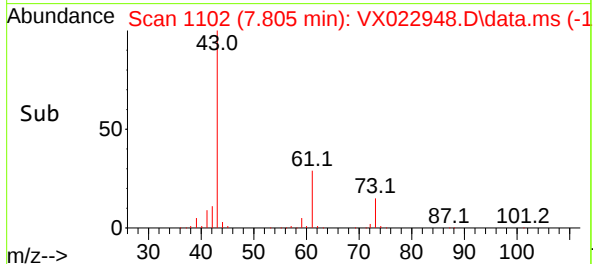
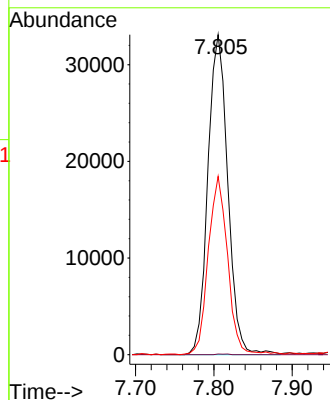
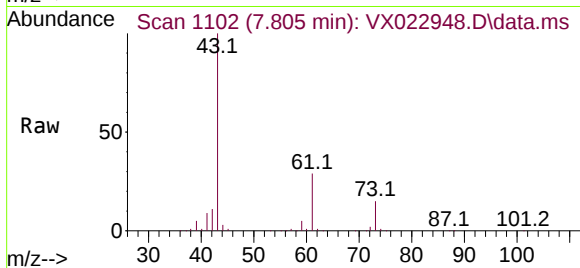
Delta R.T. 0.103 min

Lab File: VX022948.D

Acq: 26 Jun 2021 02:14

Tgt Ion:	41	Resp:	58398
Ion	Ratio	Lower	Upper
41	100		
69	0.1	76.0	114.0#
39	54.4	44.6	67.0

Instrument :
MSVOA_X
ClientSampled :



#49

1,4-Dioxane

Concen: 4.37 ug/l

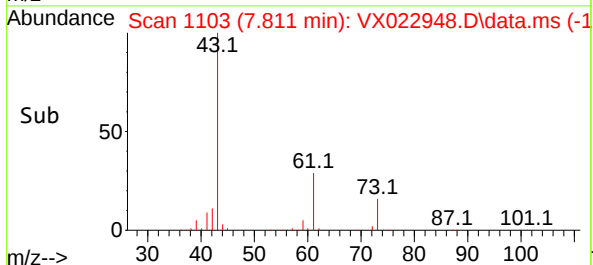
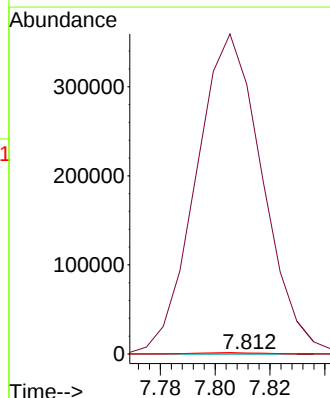
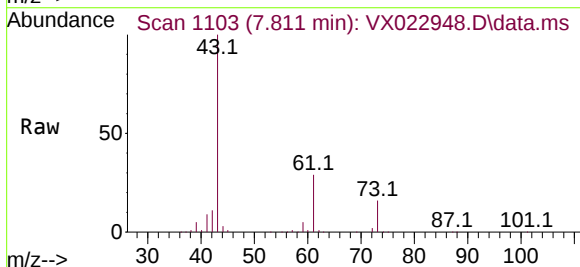
RT: 7.811 min Scan# 1103

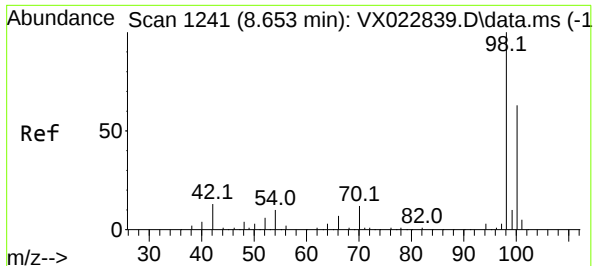
Delta R.T. 0.146 min

Lab File: VX022948.D

Acq: 26 Jun 2021 02:14

Tgt Ion:	88	Resp:	92
Ion	Ratio	Lower	Upper
88	100		
43	667103.3	23.2	34.8#
58	2902.2	55.0	82.4#

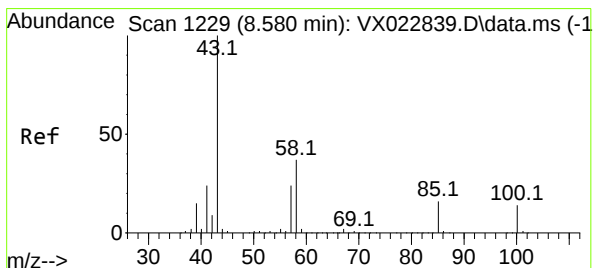
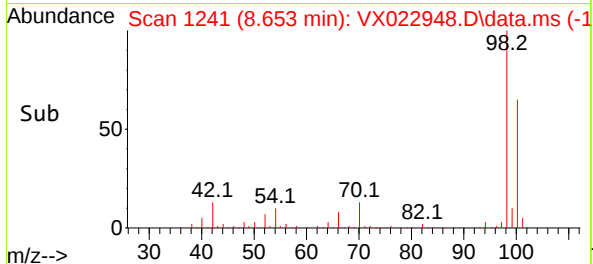
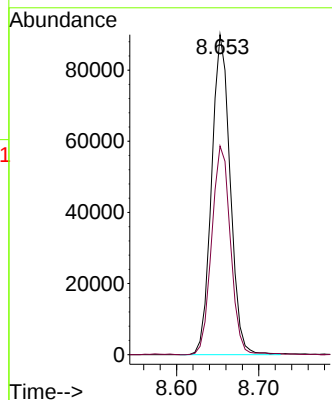
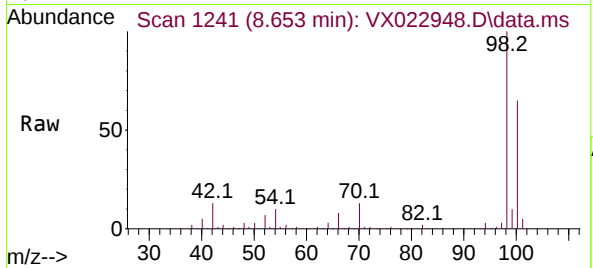




#50
Toluene-d8
Concen: 53.10 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

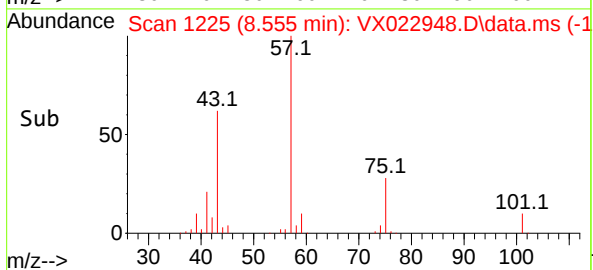
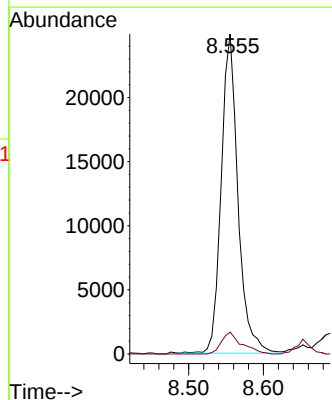
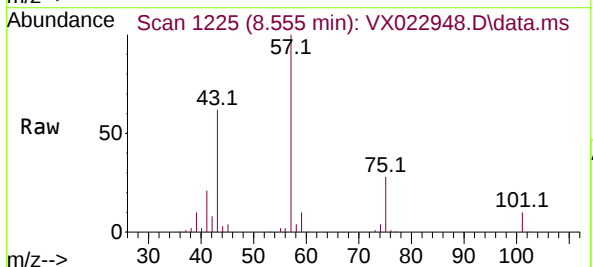
Instrument :
MSVOA_X
ClientSampled :

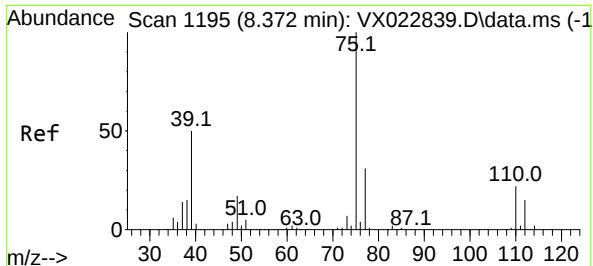
Tgt Ion: 98 Resp: 141282
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.49 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 43 Resp: 38816
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

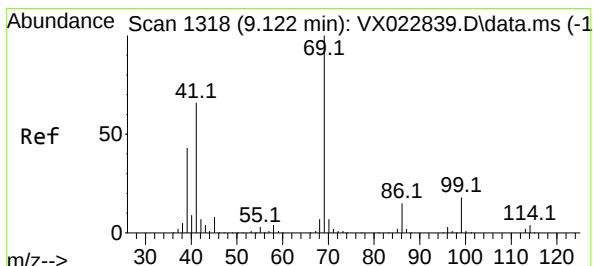
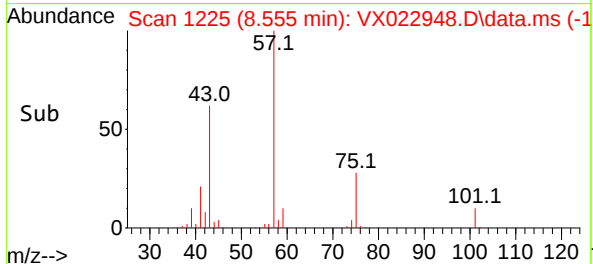
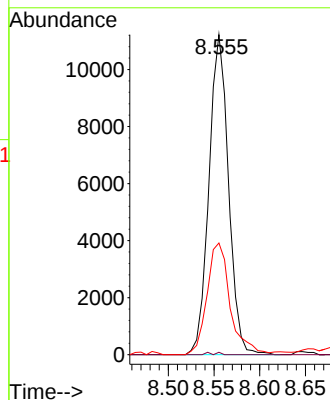
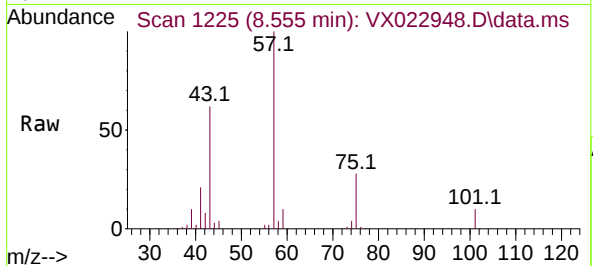




#54
cis-1,3-Dichloropropene
Concen: 13.57 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

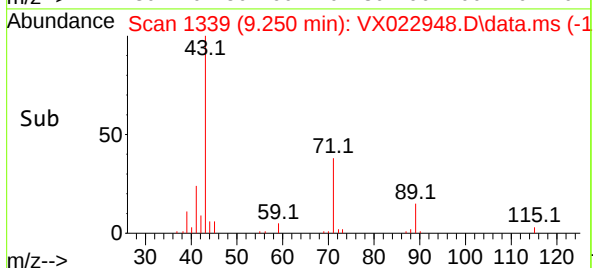
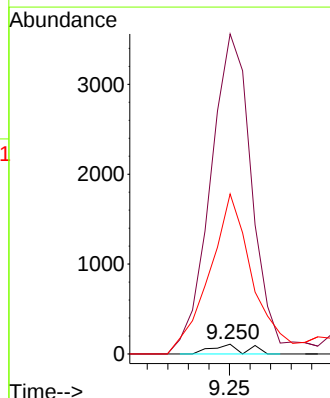
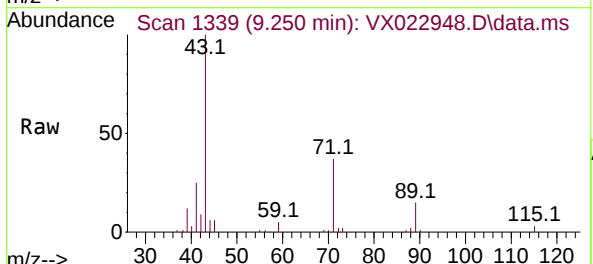
Instrument :
MSVOA_X
ClientSampled :

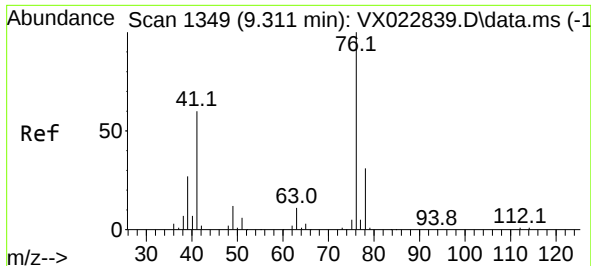
Tgt Ion: 75 Resp: 16640
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 34.9 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 69 Resp: 119
Ion Ratio Lower Upper
69 100
41 4234.5 46.8 70.2#
39 2214.3 24.7 37.1#

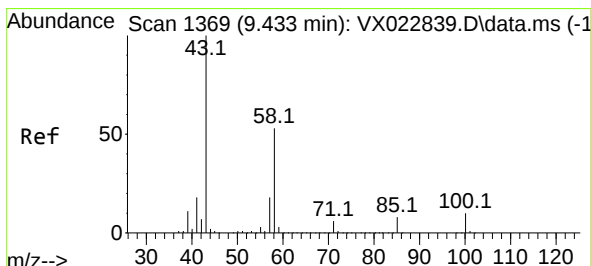
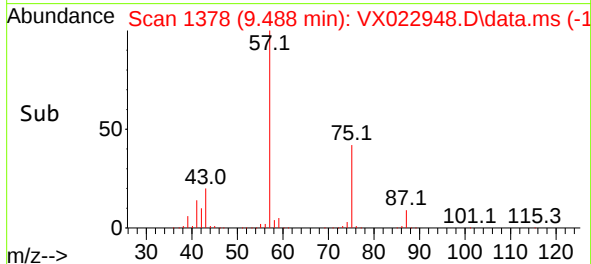
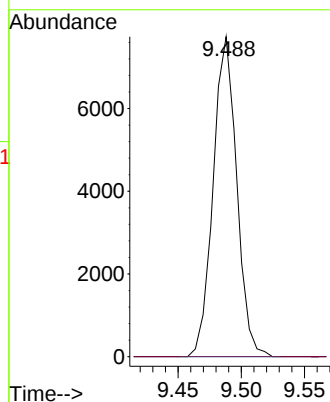
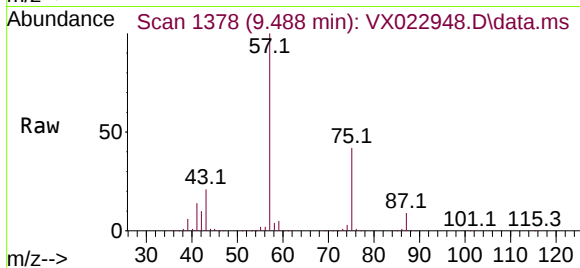




#57
1,3-Dichloropropane
Concen: 6.93 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

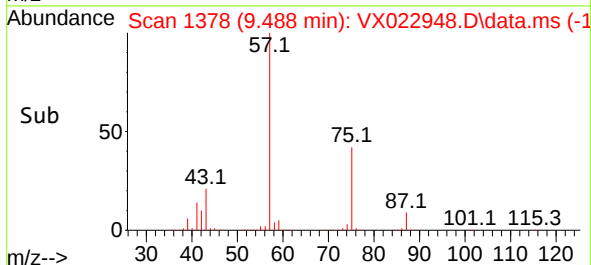
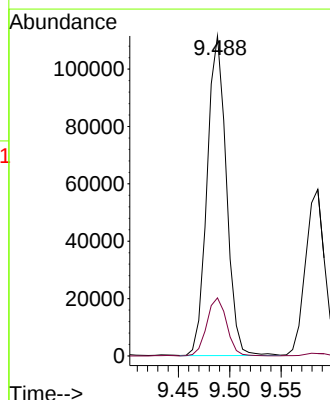
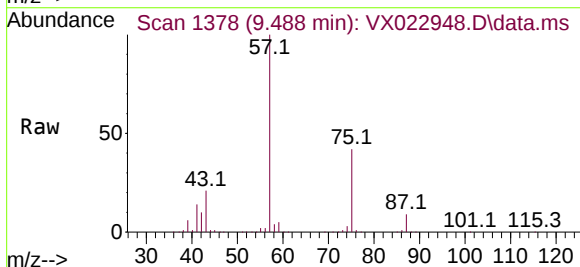
Instrument :
MSVOA_X
ClientSampled :

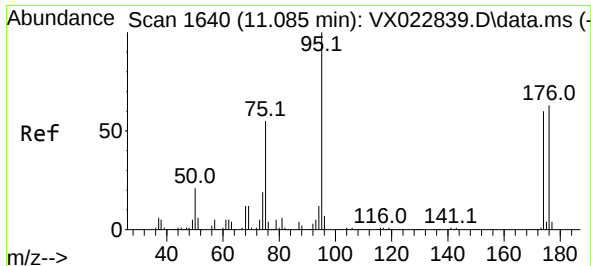
Tgt Ion: 76 Resp: 10007
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 145.54 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 43 Resp: 145319
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#

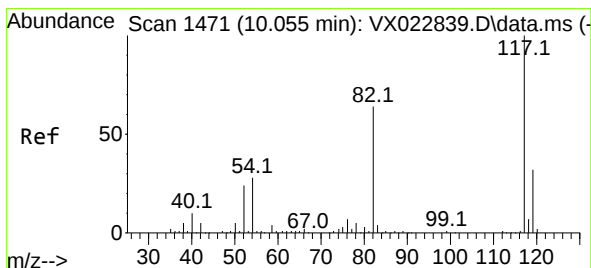
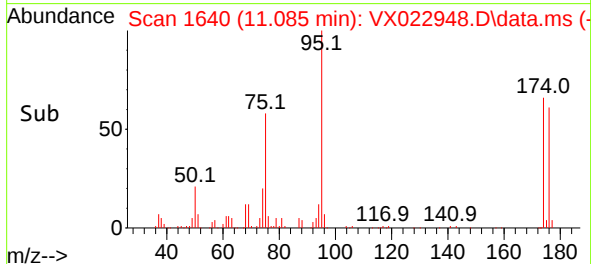
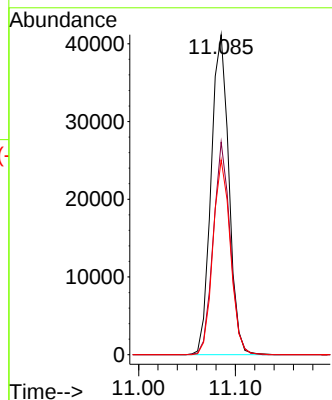
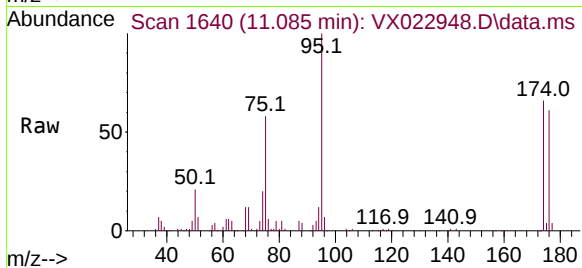




#62
4-Bromofluorobenzene
Concen: 52.77 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

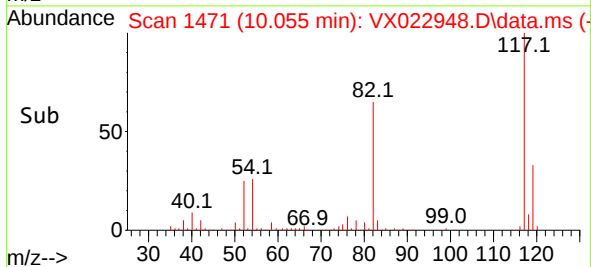
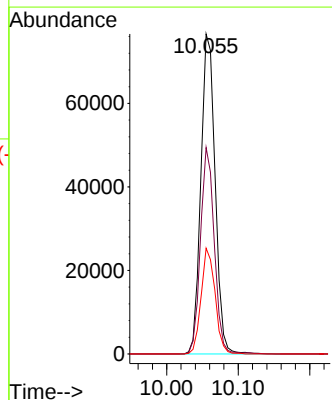
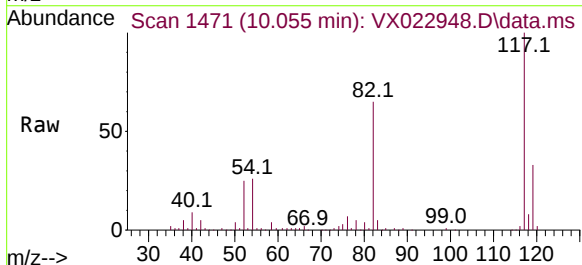
Instrument :
MSVOA_X
ClientSampleId :

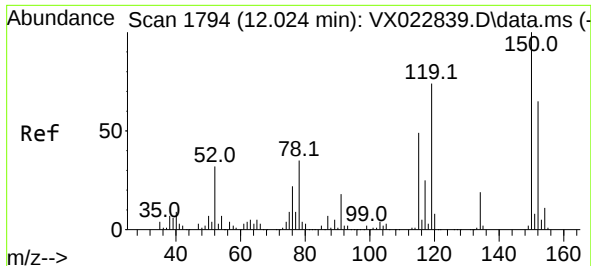
Tgt Ion: 95 Resp: 52398
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 117 Resp: 106176
Ion Ratio Lower Upper
117 100
82 64.5 47.4 71.2
119 33.1 26.6 39.8

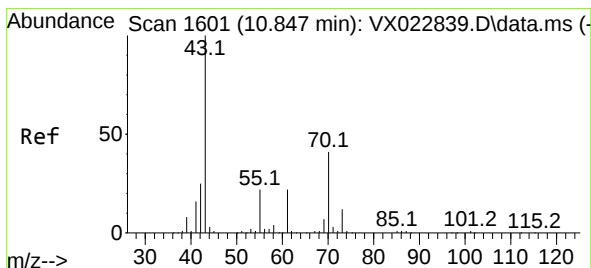
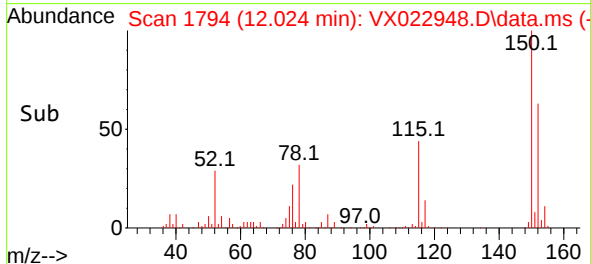
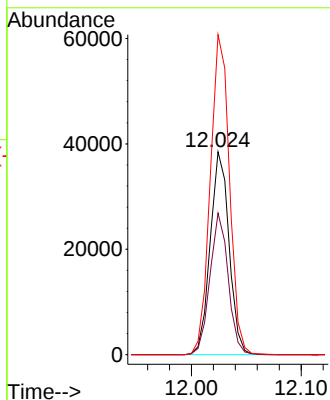
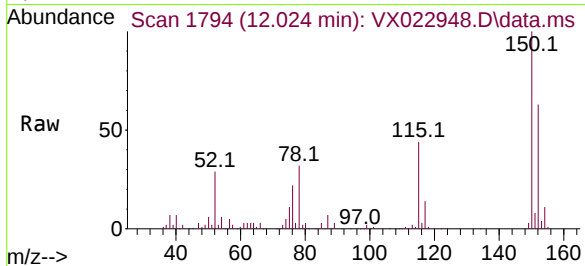




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022948.D
 Acq: 26 Jun 2021 02:14

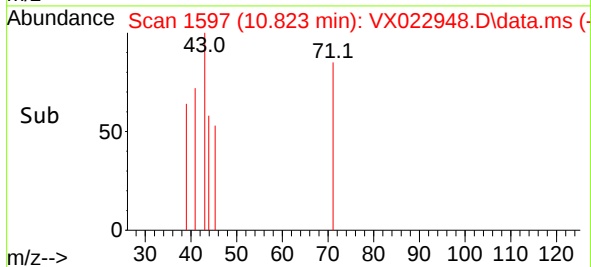
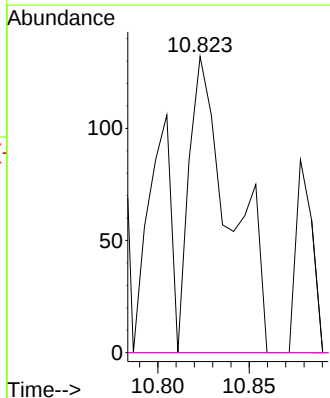
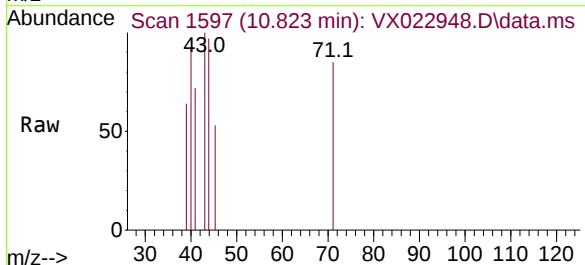
Instrument :
 MSVOA_X
 ClientSampled :

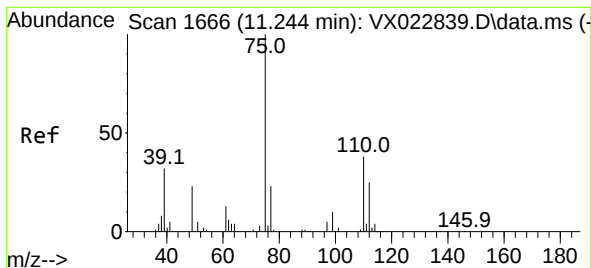
Tgt Ion:152 Resp: 45977
 Ion Ratio Lower Upper
 152 100
 115 67.6 41.1 123.3
 150 160.2 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.15 ug/l
 RT: 10.823 min Scan# 1597
 Delta R.T. -0.024 min
 Lab File: VX022948.D
 Acq: 26 Jun 2021 02:14

Tgt Ion: 43 Resp: 209
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 0.0 21.5 32.3#
 61 0.0 22.1 33.1#

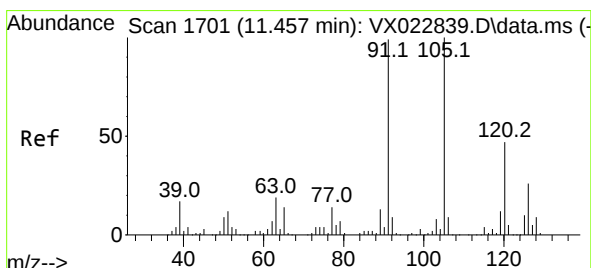
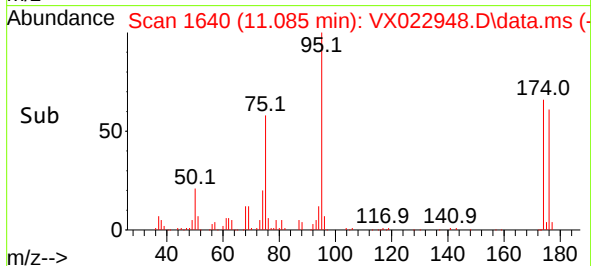
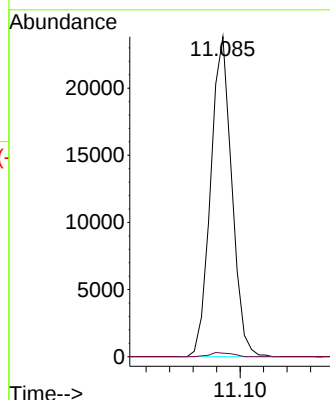
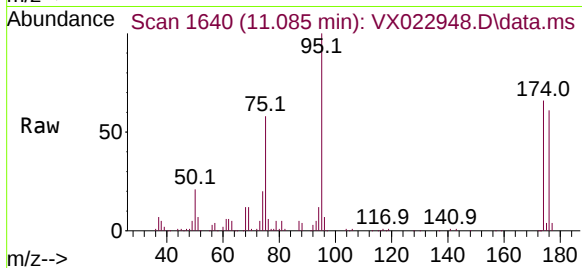




#76
1,2,3-Trichloropropane
Concen: 24.51 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

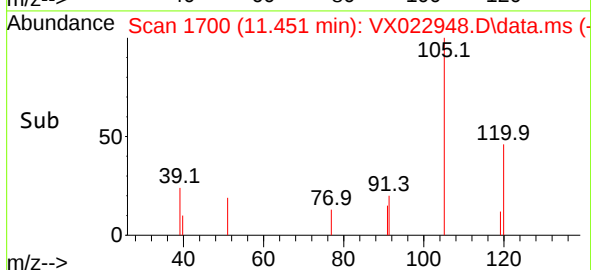
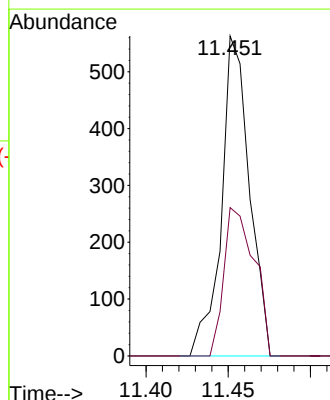
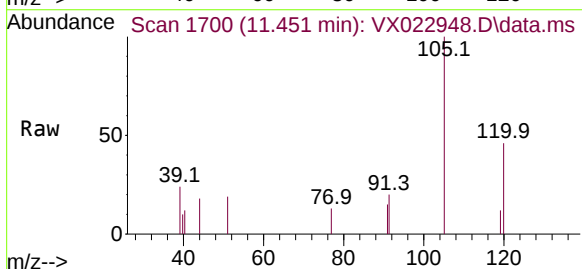
Instrument :
MSVOA_X
ClientSampled :

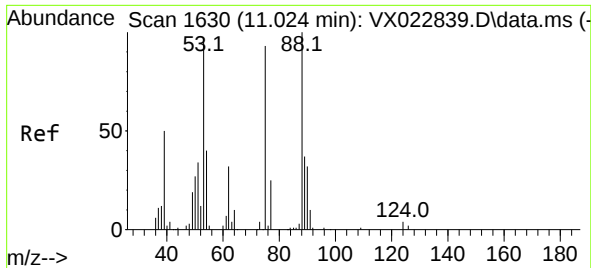
Tgt Ion: 75 Resp: 29760
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 105 Resp: 666
Ion Ratio Lower Upper
105 100
120 50.5 23.8 71.5

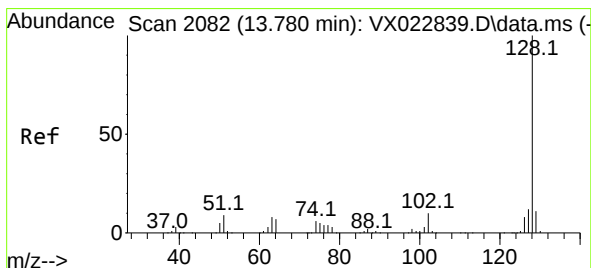
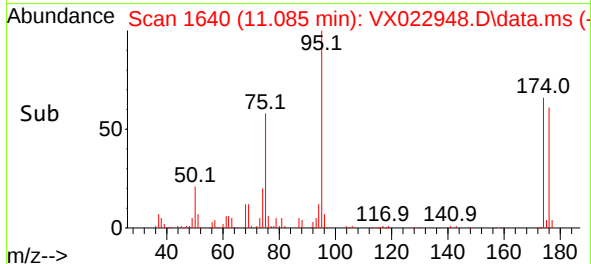
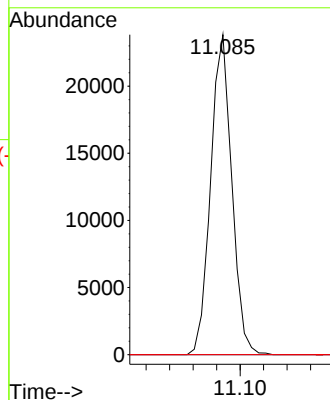
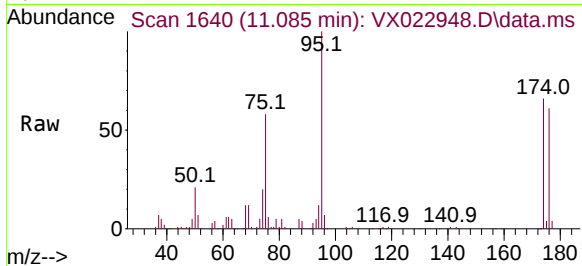




#81
trans-1,4-Dichloro-2-butene
Concen: 64.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29760
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.98 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022948.D
Acq: 26 Jun 2021 02:14

Tgt Ion: 128 Resp: 220
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

