

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022950.D
 Acq On : 26 Jun 2021 03:01
 Operator : JC/MD
 Sample : PB137293ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:59:32 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)

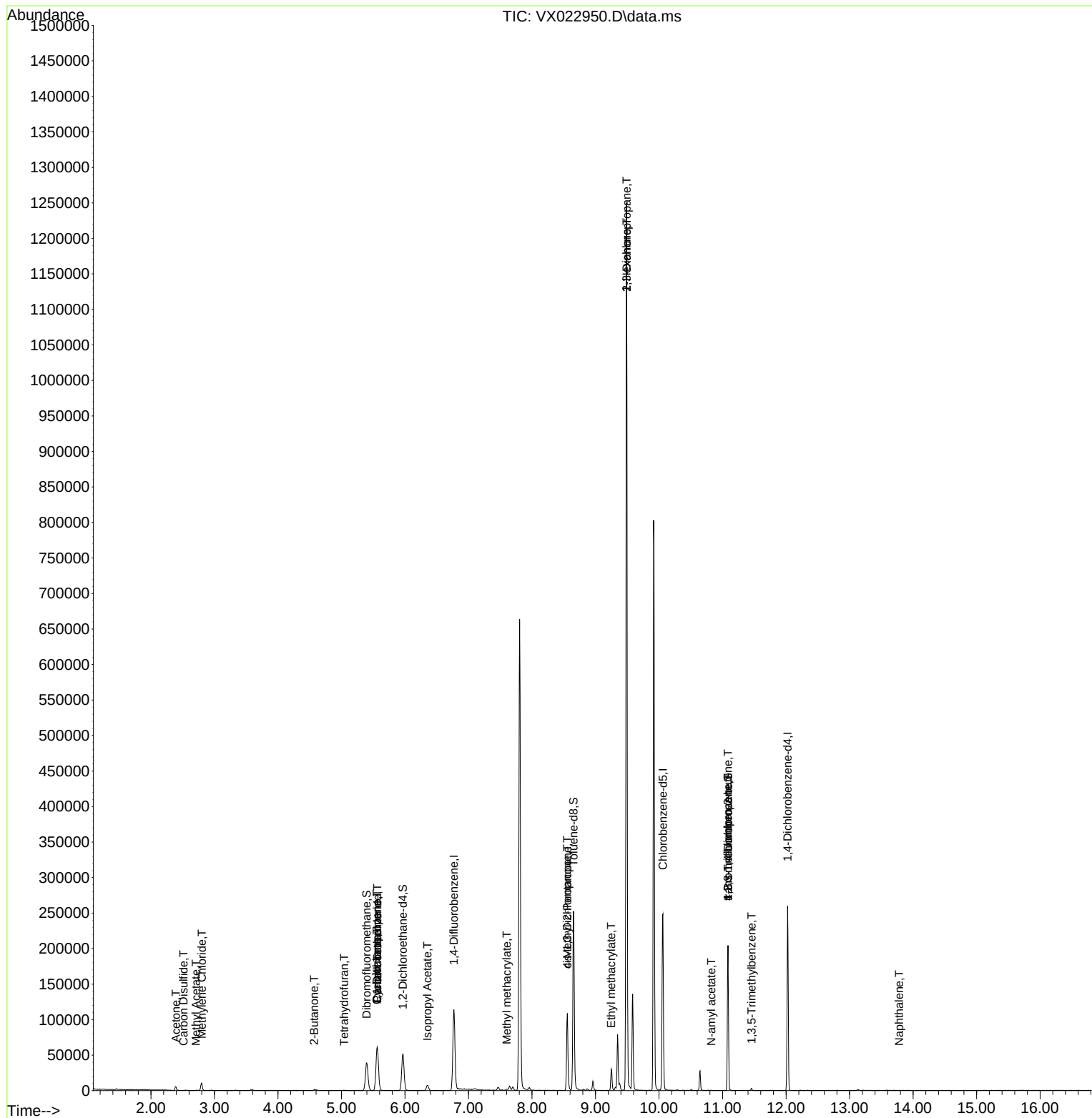
Internal Standards						
1) Pentafluorobenzene	5.562	168	51533	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	105665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48076	51.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.82%			
35) Dibromofluoromethane	5.397	113	33284	49.19	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.38%			
50) Toluene-d8	8.653	98	139816	52.73	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.46%			
62) 4-Bromofluorobenzene	11.085	95	51262	51.80	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.60%			
Target Compounds						
						Qvalue
16) Acetone	2.392	43	5867	14.15	ug/l	# 86
17) Carbon Disulfide	2.514	76	26	3.53	ug/l	# 75
18) Methyl Acetate	2.709	43	503	0.49	ug/l	# 89
20) Methylene Chloride	2.800	84	4292	5.55	ug/l	# 81
25) 2-Butanone	4.568	43	1262	1.96	ug/l	# 74
29) Tetrahydrofuran	5.044	42	273	0.66	ug/l	# 52
31) Cyclohexane	5.556	56	1584	1.20	ug/l	# 20
36) 1,1-Dichloropropene	5.556	75	5076	4.49	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6579	6.93	ug/l	# 14
43) Isopropyl Acetate	6.354	43	9965	4.73	ug/l	# 92
48) Methyl methacrylate	7.604	41	2939	3.01	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	38384	29.26	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	16590	13.58	ug/l	# 66
56) Ethyl methacrylate	9.244	69	63	2.62	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10007	6.96	ug/l	# 42
59) 2-Hexanone	9.488	43	147134	147.85	ug/l	# 43
74) N-amyl acetate	10.823	43	216	2.15	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29906	25.67	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	1253	0.41	ug/l	# 82
81) trans-1,4-Dichloro-2-b...	11.085	75	29906	66.81	ug/l	# 12
95) Naphthalene	13.780	128	184	1.97	ug/l	# 69

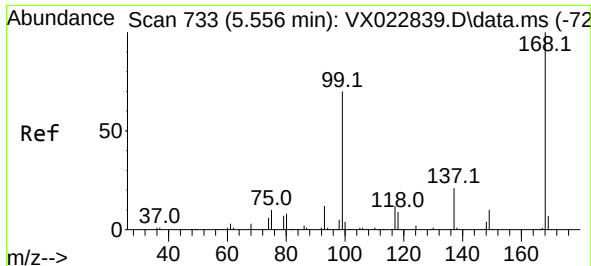
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 26 03:59:32 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

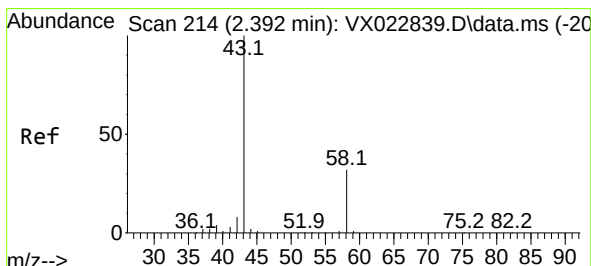
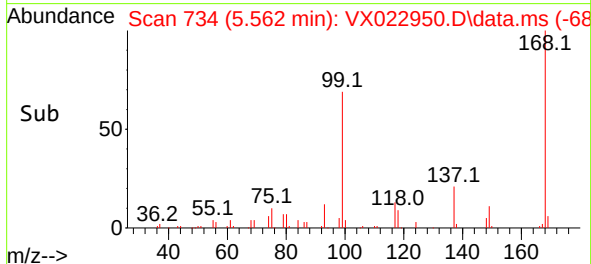
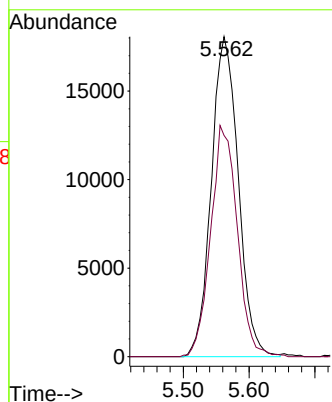
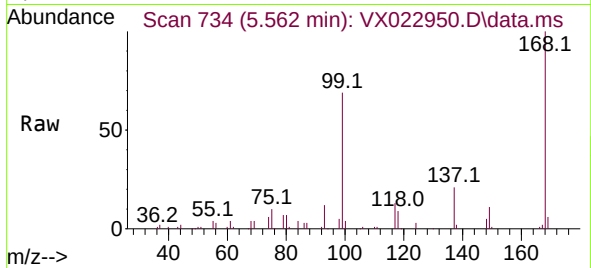




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

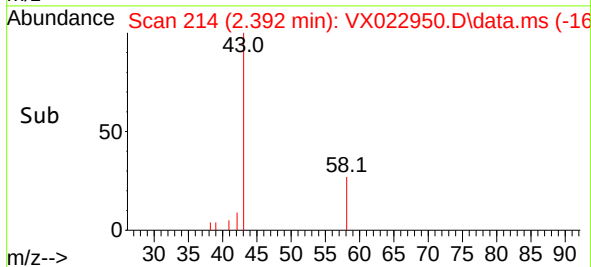
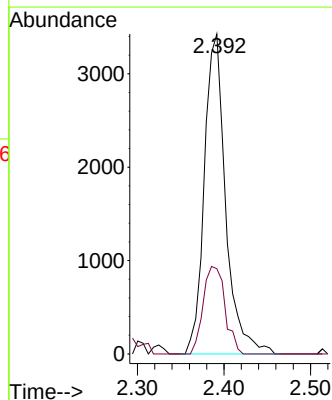
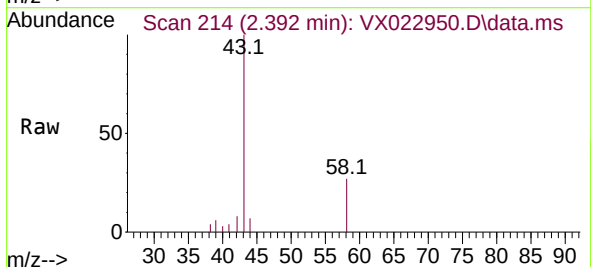
Instrument :
MSVOA_X
ClientSampleId :

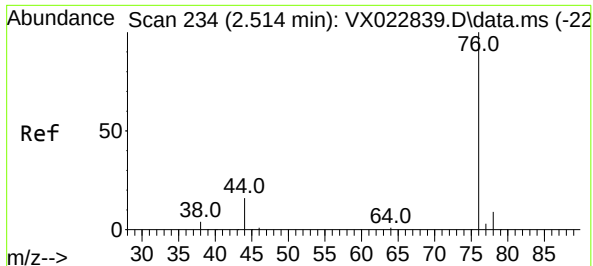
Tgt Ion:168 Resp: 51533
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#



#16
Acetone
Concen: 14.15 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion: 43 Resp: 5867
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#

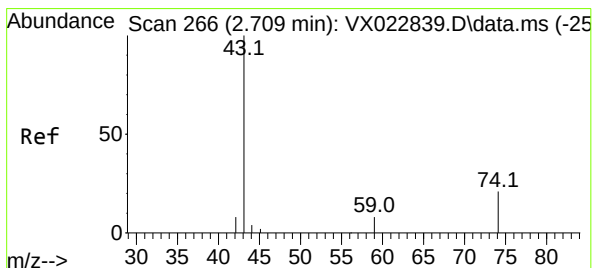
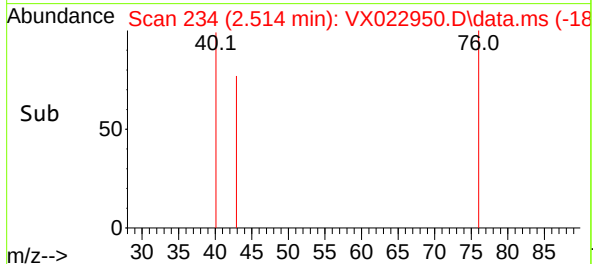
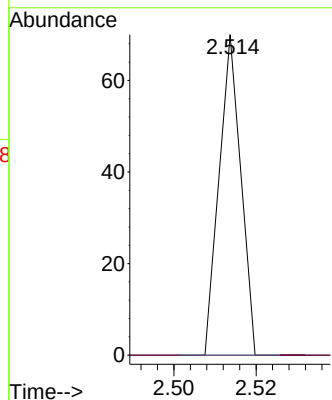
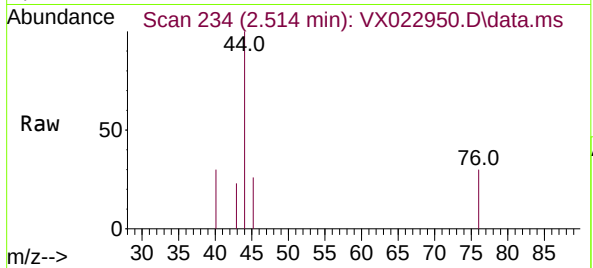




#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

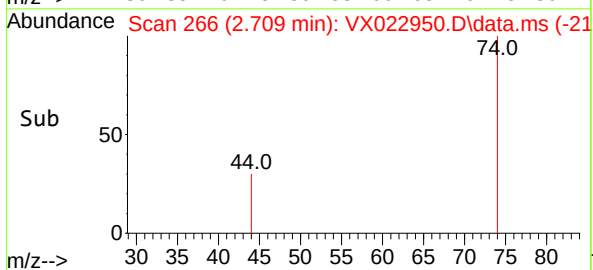
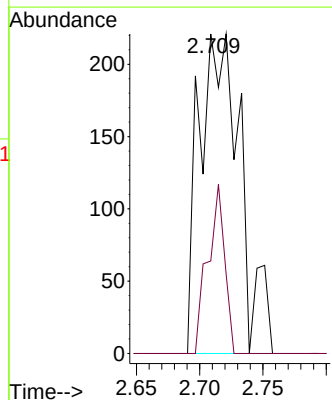
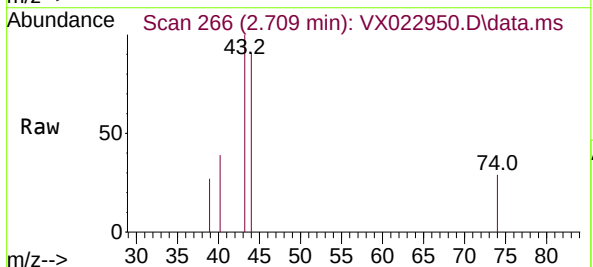
Instrument :
MSVOA_X
ClientSampled :

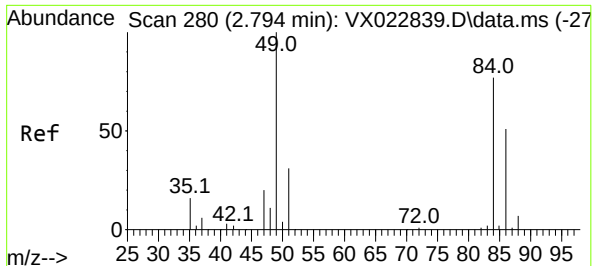
Tgt Ion: 76 Resp: 26
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.49 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#





#20

Methylene Chloride

Concen: 5.55 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

Tgt Ion: 84 Resp: 4292

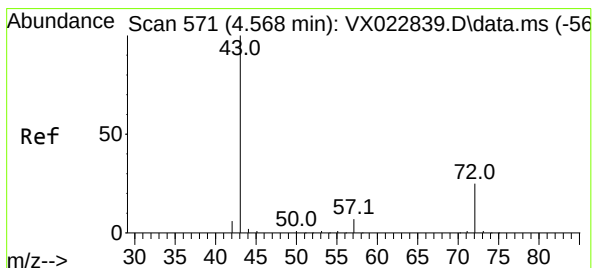
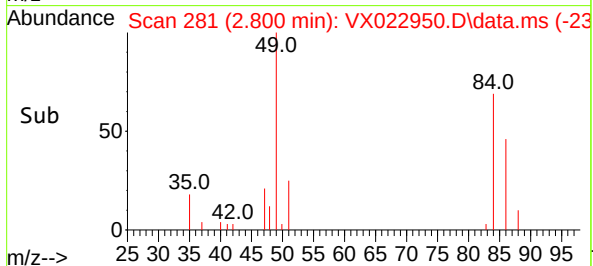
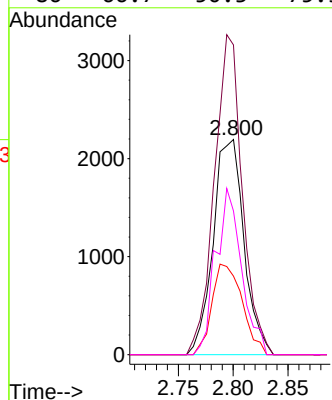
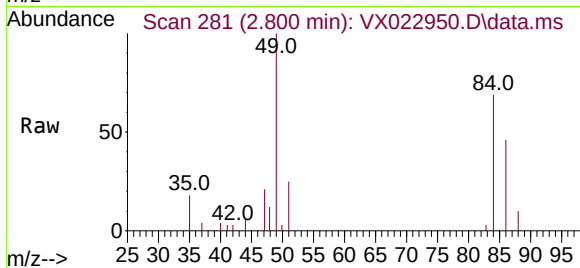
Ion Ratio Lower Upper

84 100

49 144.0 88.6 132.8#

51 36.5 27.0 40.6

86 66.7 50.3 75.5



#25

2-Butanone

Concen: 1.96 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX022950.D

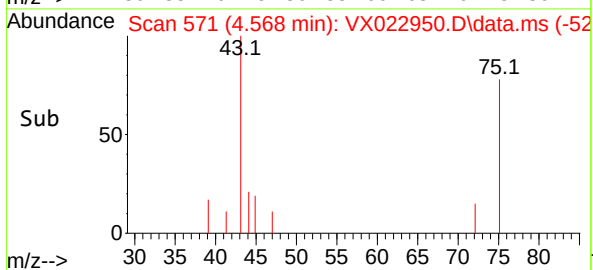
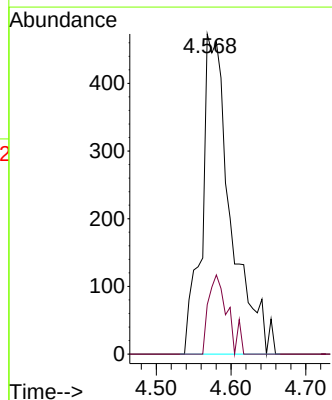
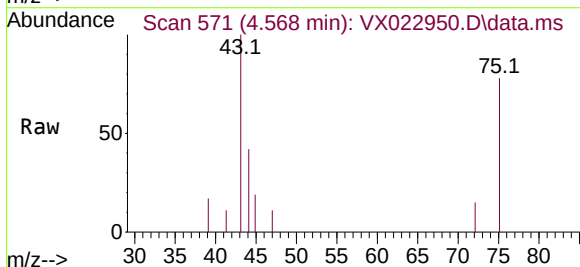
Acq: 26 Jun 2021 03:01

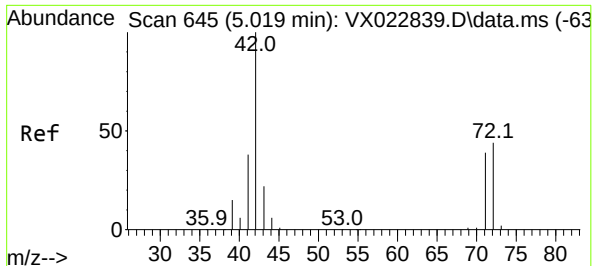
Tgt Ion: 43 Resp: 1262

Ion Ratio Lower Upper

43 100

72 15.4 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

Tgt Ion: 42 Resp: 273

Ion Ratio Lower Upper

42 100

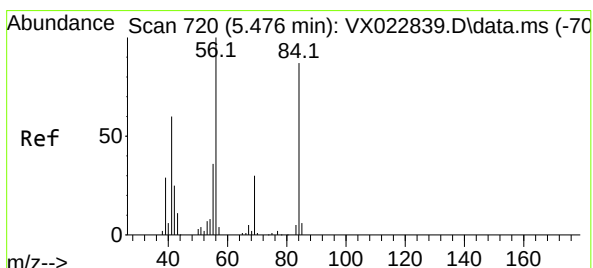
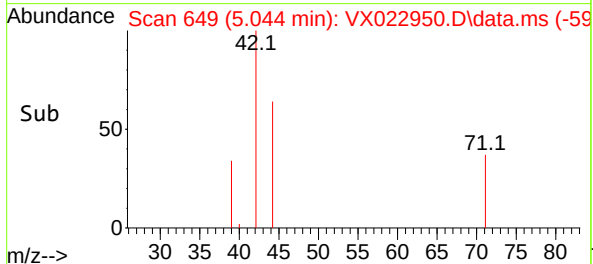
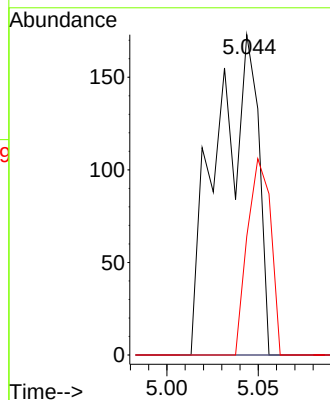
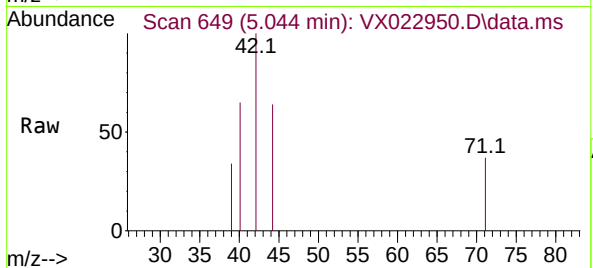
72 0.0 41.7 62.5#

71 34.4 38.4 57.6#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.20 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

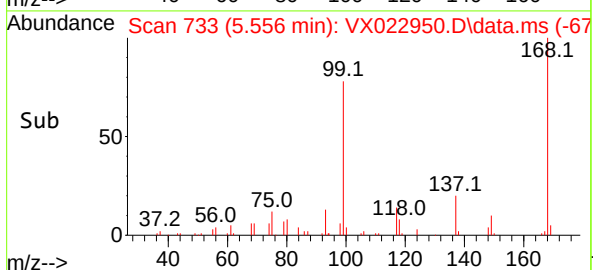
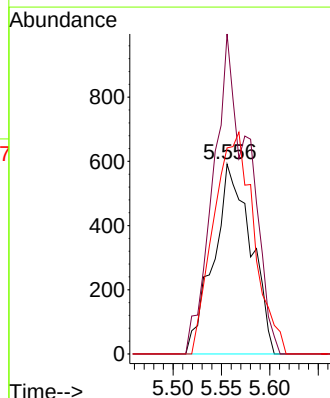
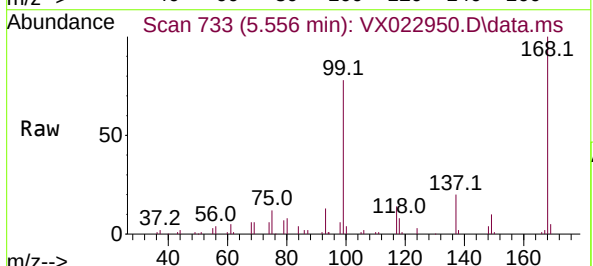
Tgt Ion: 56 Resp: 1584

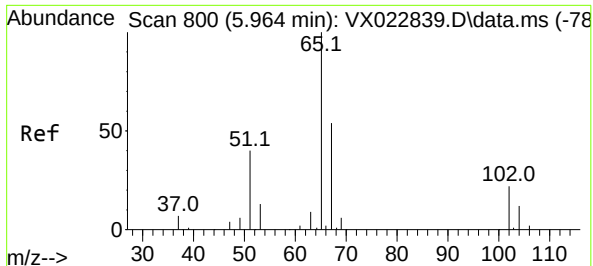
Ion Ratio Lower Upper

56 100

69 168.7 25.3 37.9#

84 108.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.41 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

Tgt Ion: 65 Resp: 48076

Ion Ratio Lower Upper

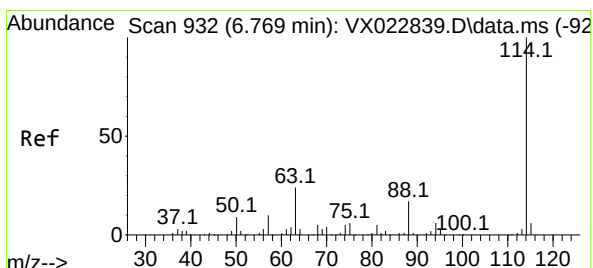
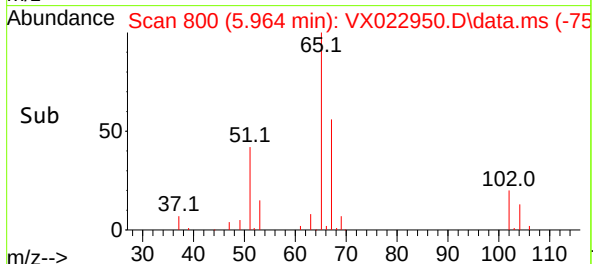
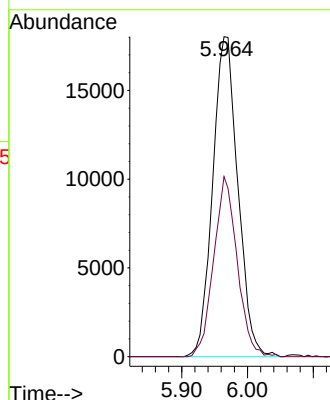
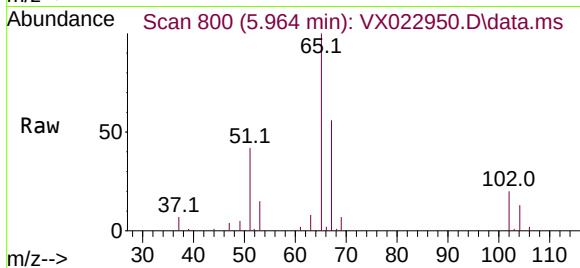
65 100

67 52.5 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

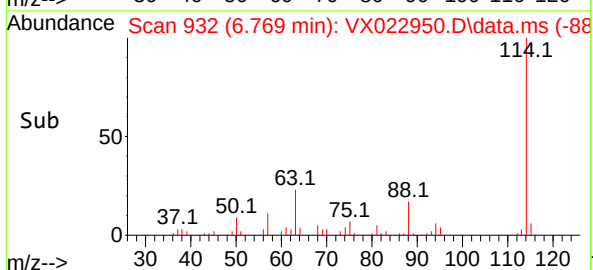
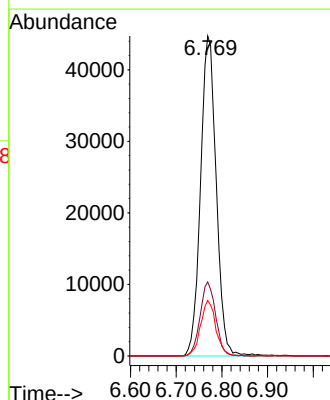
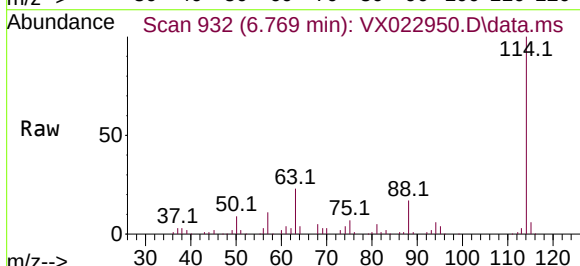
Tgt Ion:114 Resp: 106549

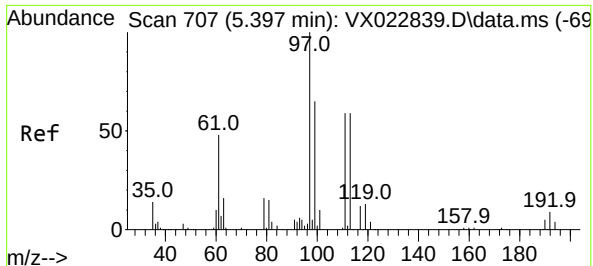
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.19 ug/l

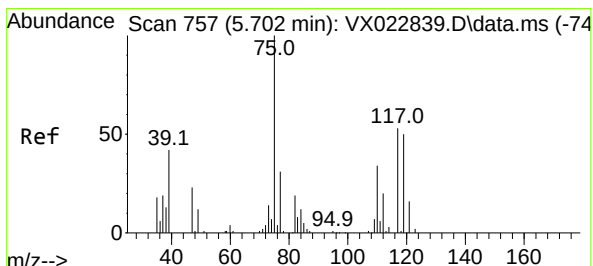
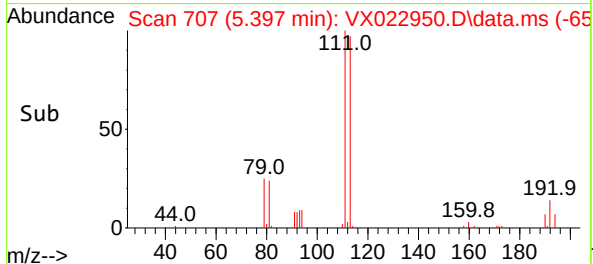
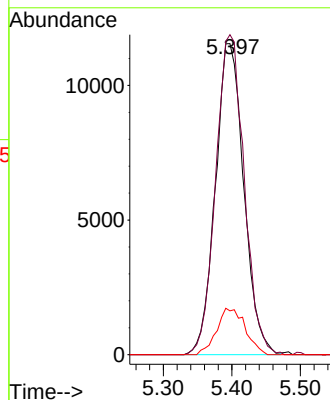
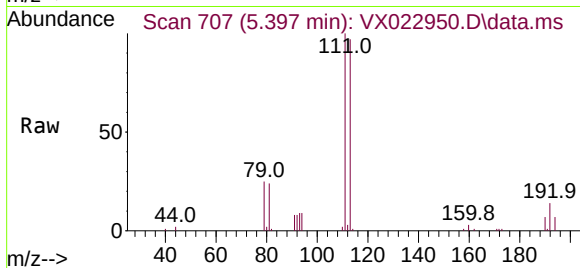
RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

Tgt Ion:	113	Resp:	33284
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	15.0	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.49 ug/l

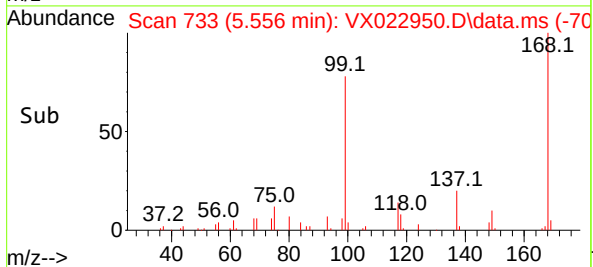
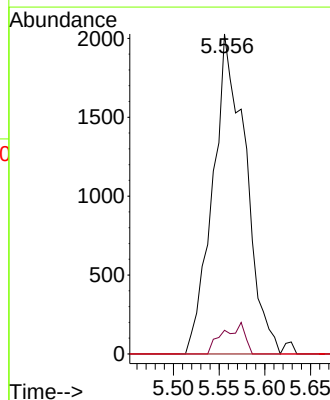
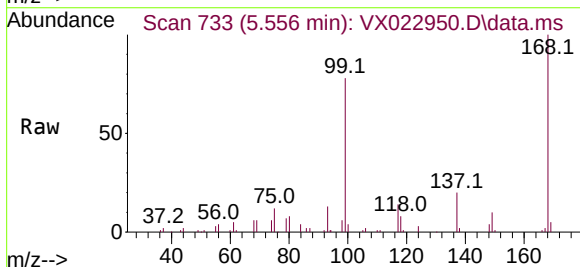
RT: 5.556 min Scan# 733

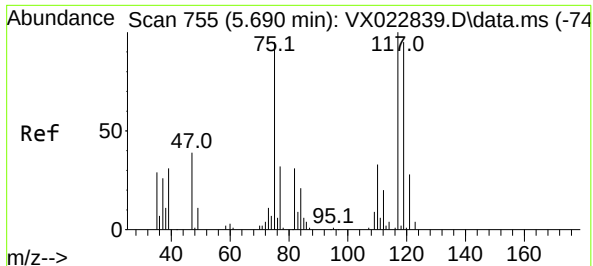
Delta R.T. -0.146 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

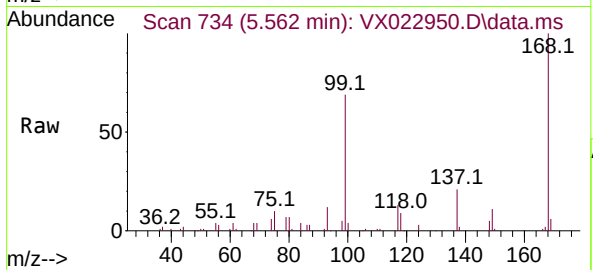
Tgt Ion:	75	Resp:	5076
Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.1	54.4#
77	0.0	25.3	37.9#



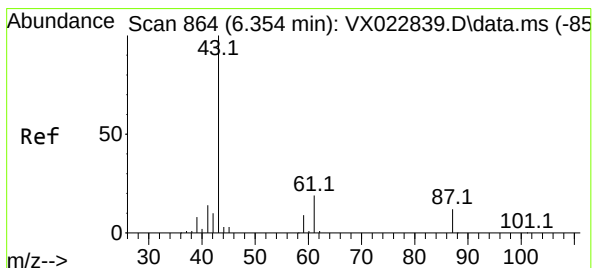
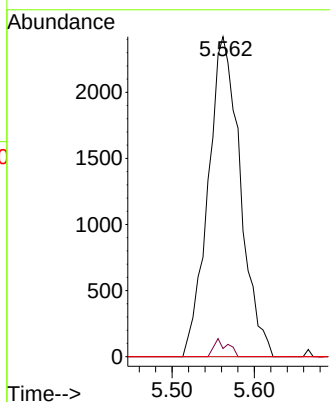
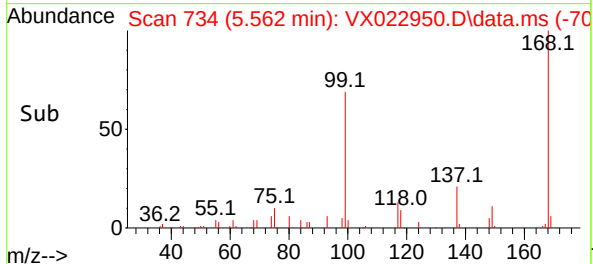


#38
Carbon Tetrachloride
Concen: 6.93 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

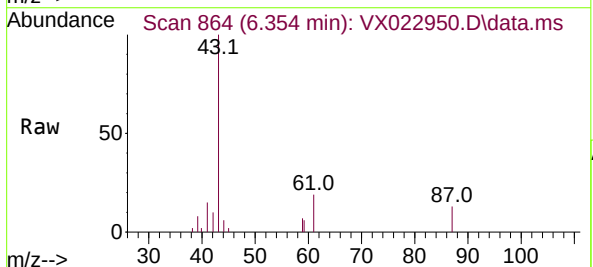
Instrument :
MSVOA_X
ClientSampled :



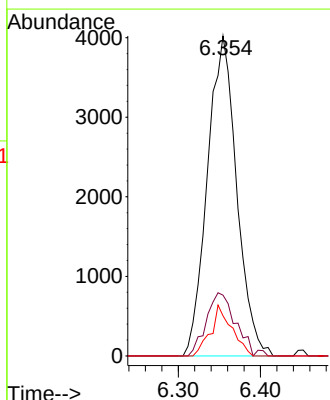
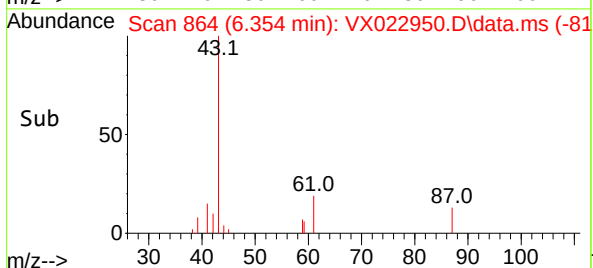
Tgt Ion:117 Resp: 6579
Ion Ratio Lower Upper
117 100
119 2.6 76.2 114.2#
121 0.0 24.8 37.2#

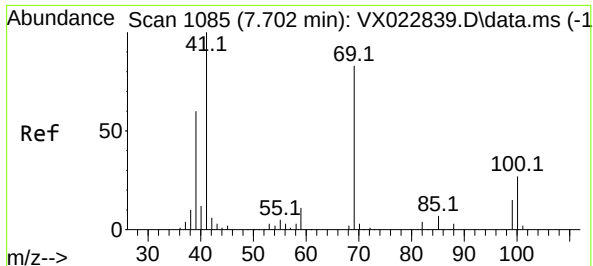


#43
Isopropyl Acetate
Concen: 4.73 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01



Tgt Ion: 43 Resp: 9965
Ion Ratio Lower Upper
43 100
61 19.9 18.2 27.4
87 11.4 12.5 18.7#





#48

Methyl methacrylate

Concen: 3.01 ug/l

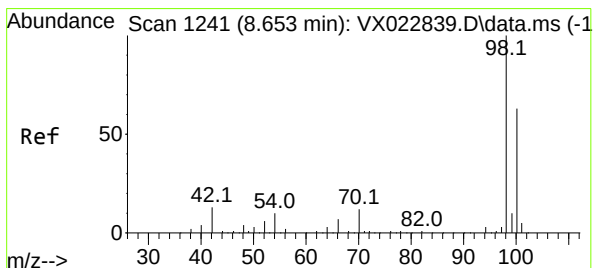
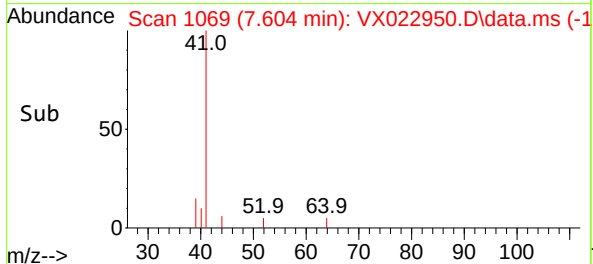
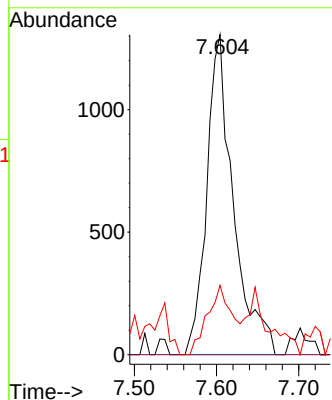
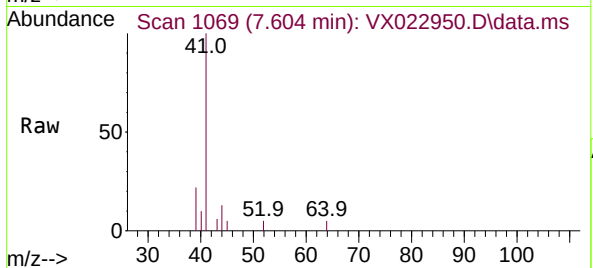
RT: 7.604 min Scan# 1069

Delta R.T. -0.098 min

Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

Tgt Ion:	41	Resp:	2939
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



#50

Toluene-d8

Concen: 52.73 ug/l

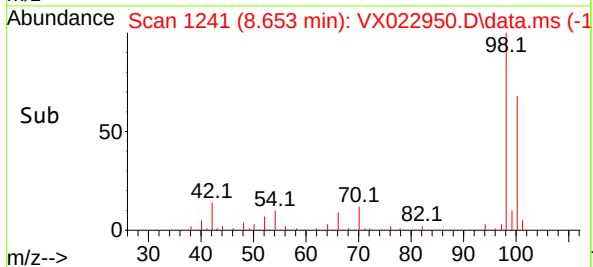
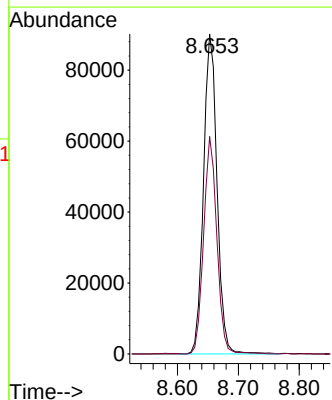
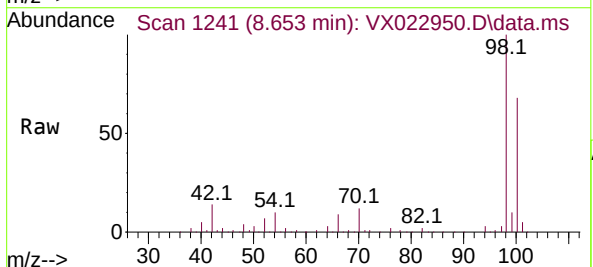
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

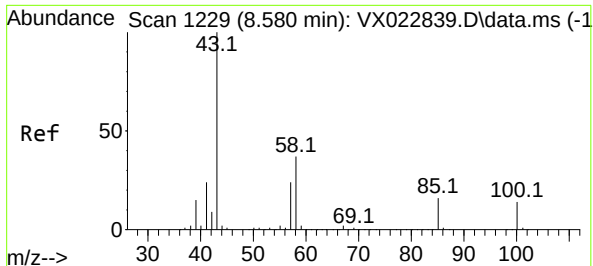
Lab File: VX022950.D

Acq: 26 Jun 2021 03:01

Tgt Ion:	98	Resp:	139816
Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9



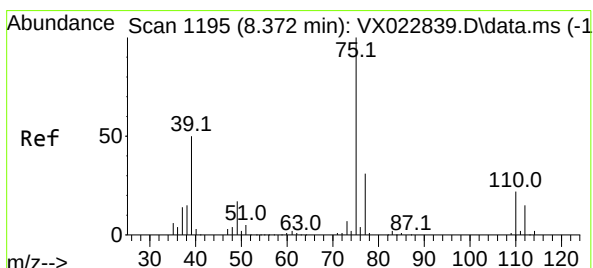
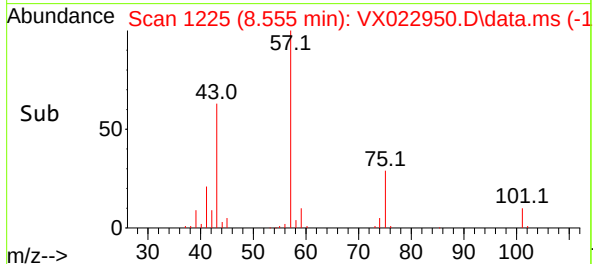
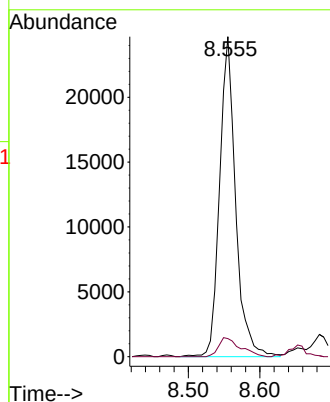
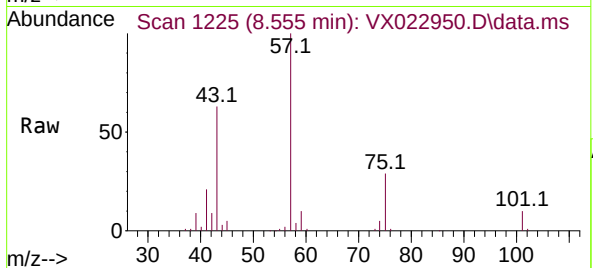
Instrument :
MSVOA_X
ClientSampled :



#51
4-Methyl-2-Pentanone
Concen: 29.26 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

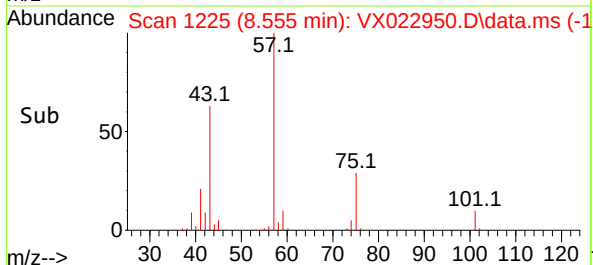
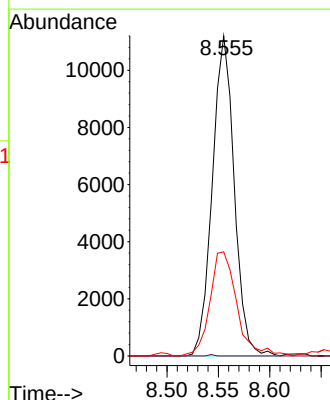
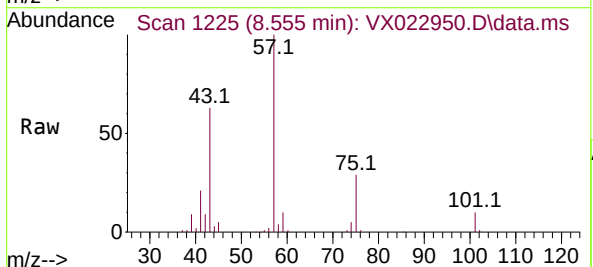
Instrument :
MSVOA_X
ClientSampled :

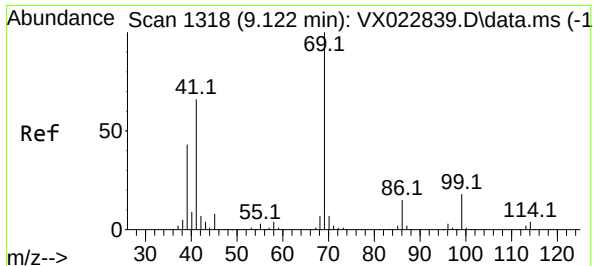
Tgt Ion: 43 Resp: 38384
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.58 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion: 75 Resp: 16590
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 32.6 35.1 52.7#

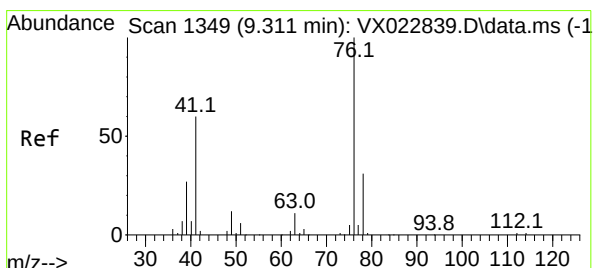
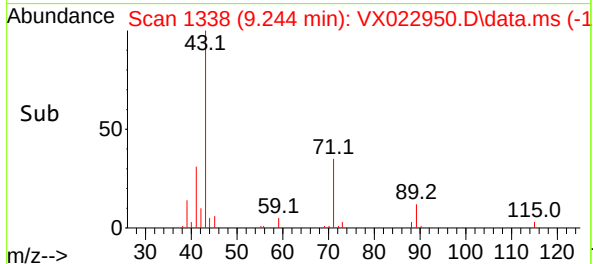
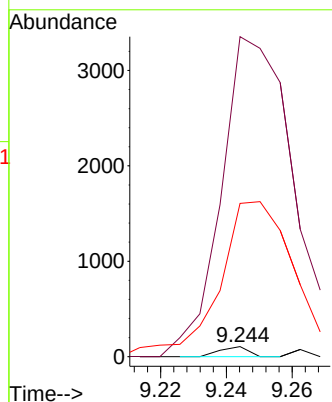
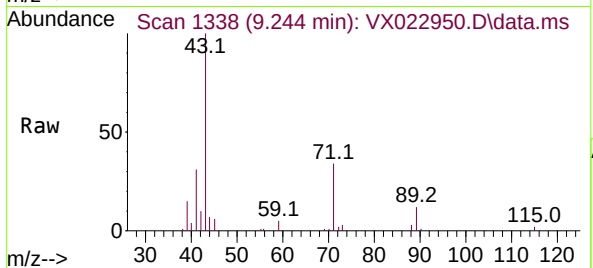




#56
Ethyl methacrylate
Concen: 2.62 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

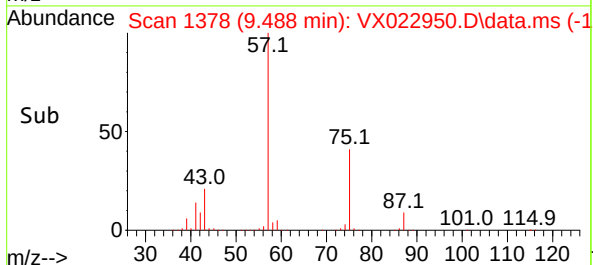
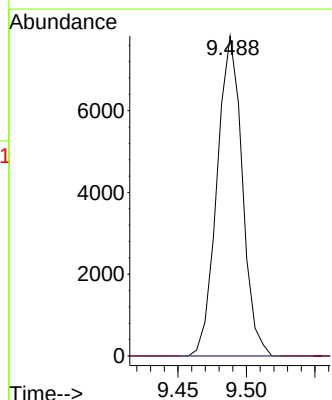
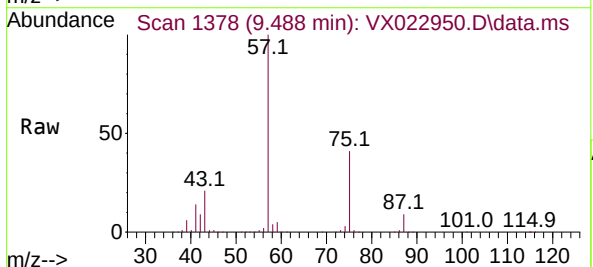
Instrument :
MSVOA_X
ClientSampled :

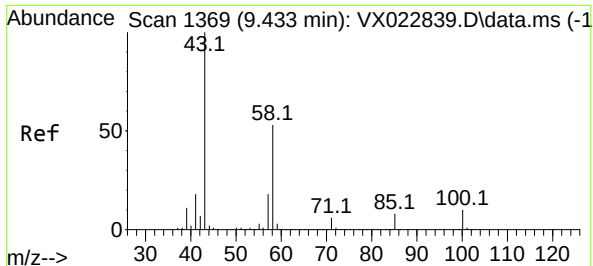
Tgt Ion: 69 Resp: 63
Ion Ratio Lower Upper
69 100
41 8234.9 46.8 70.2#
39 4260.3 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.96 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

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

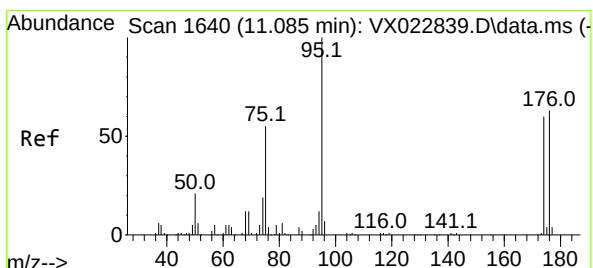
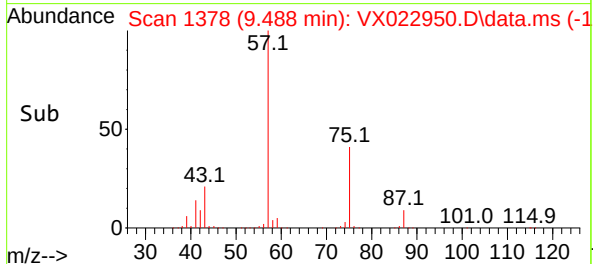
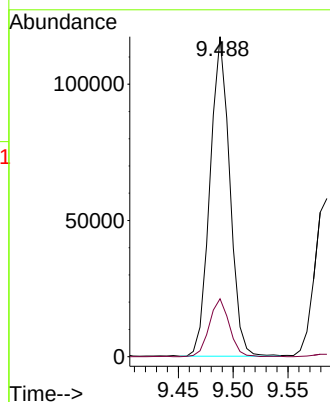
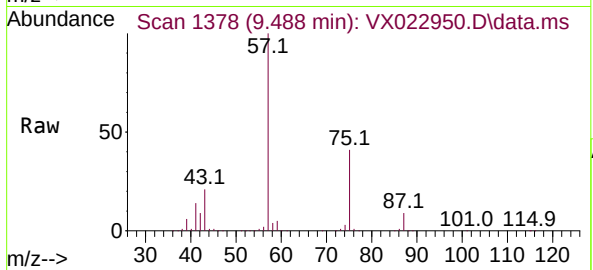




#59
2-Hexanone
Concen: 147.85 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

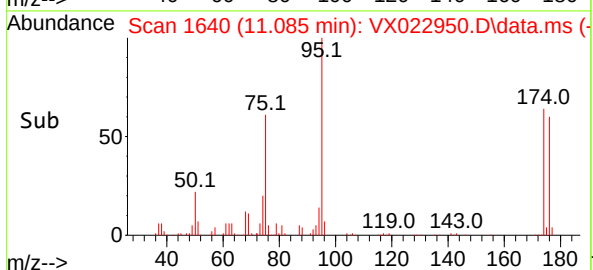
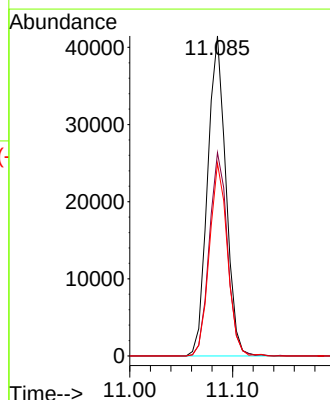
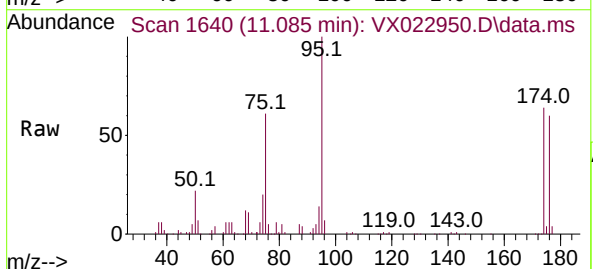
Instrument :
MSVOA_X
ClientSampled :

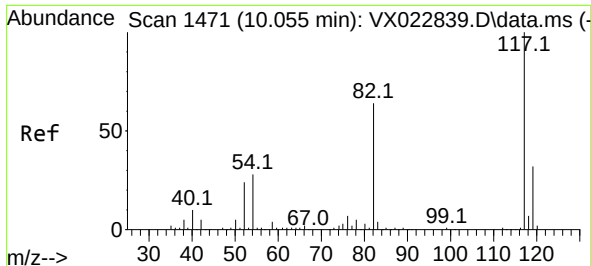
Tgt Ion: 43 Resp: 147134
Ion Ratio Lower Upper
43 100
58 18.3 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 51.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion: 95 Resp: 51262
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 59.2 0.0 155.8

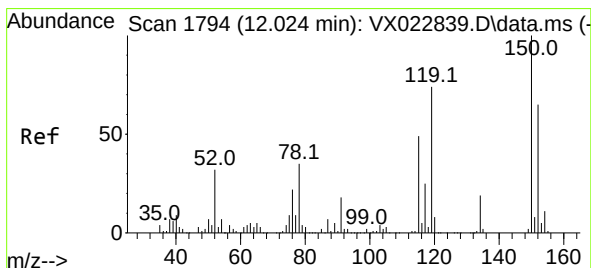
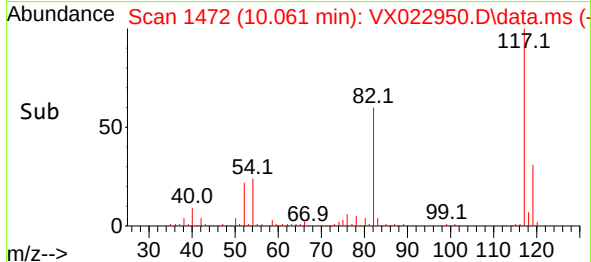
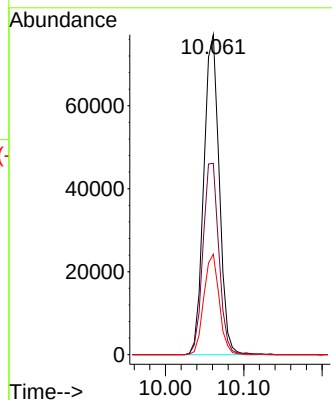
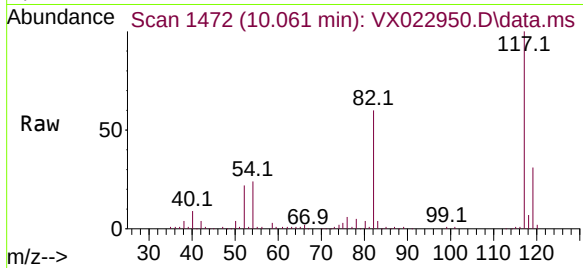




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

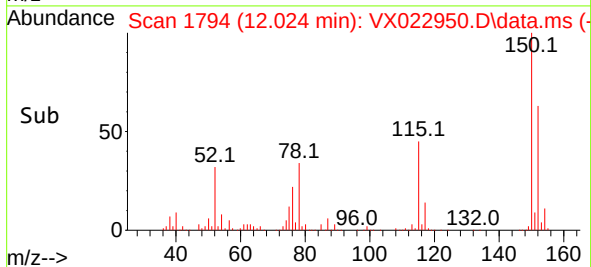
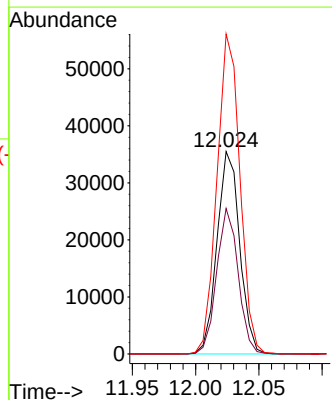
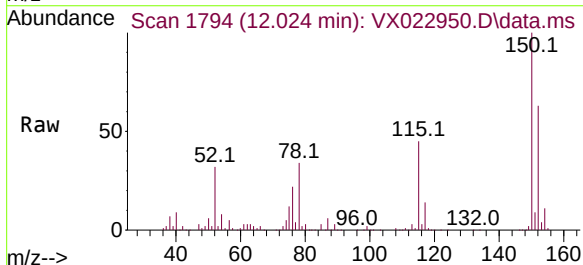
Instrument :
MSVOA_X
ClientSampleId :

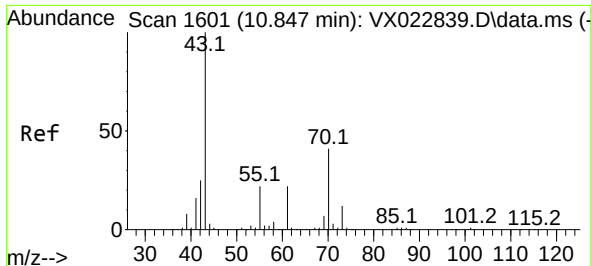
Tgt Ion:117 Resp: 105665
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion:152 Resp: 44110
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 160.4 0.0 349.0



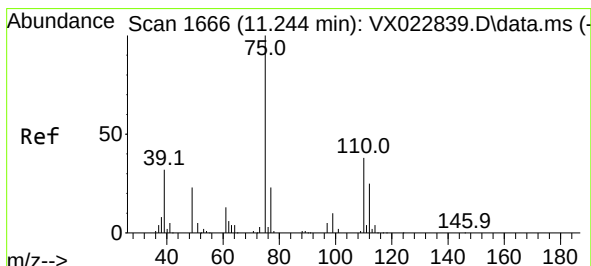
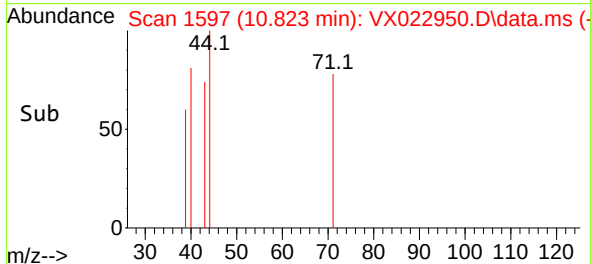
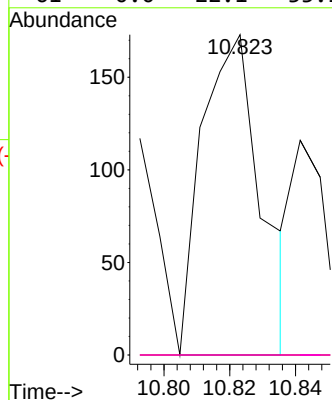
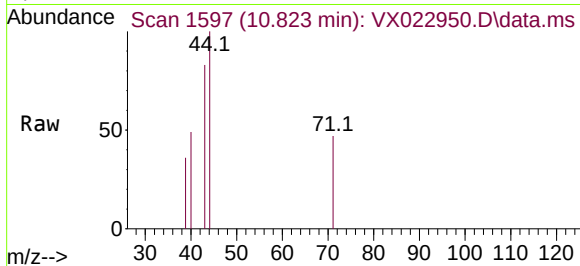


#74
N-amy1 acetate
Concen: 2.15 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.024 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 216

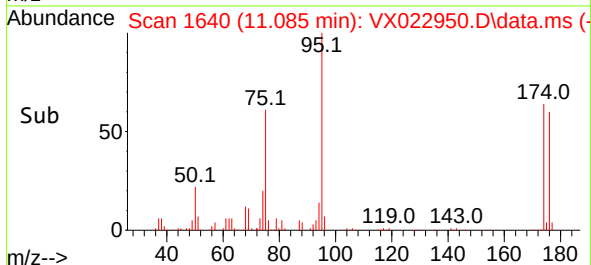
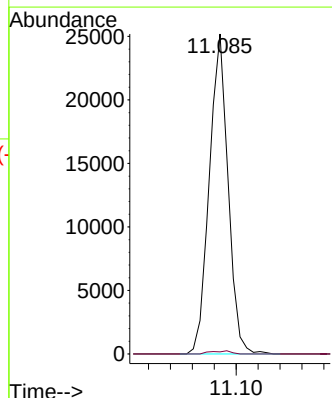
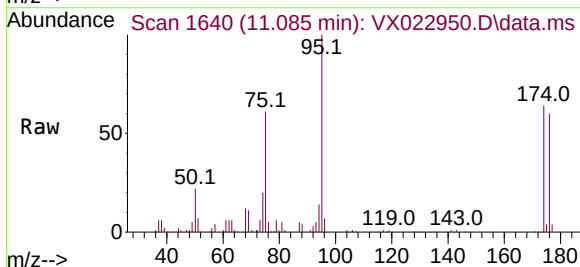
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

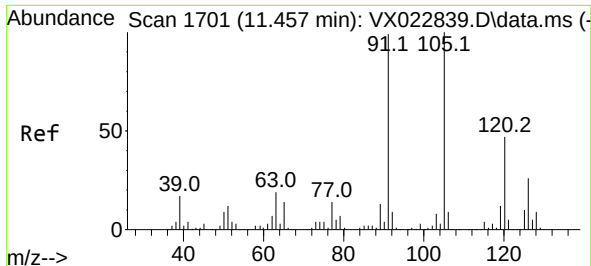


#76
1,2,3-Trichloropropane
Concen: 25.67 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion: 75 Resp: 29906

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#

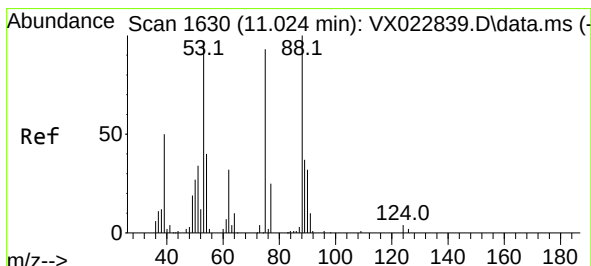
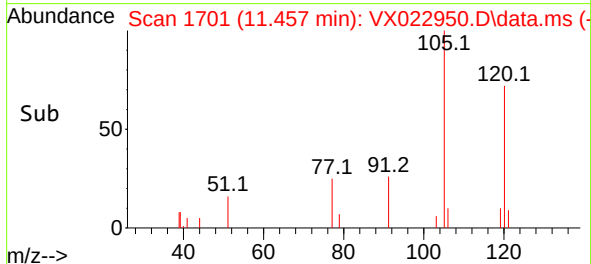
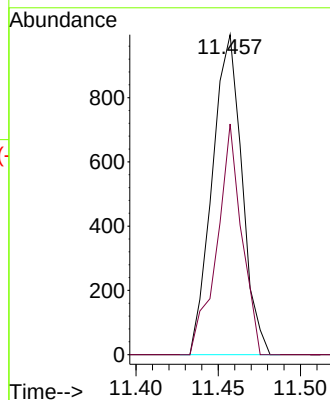
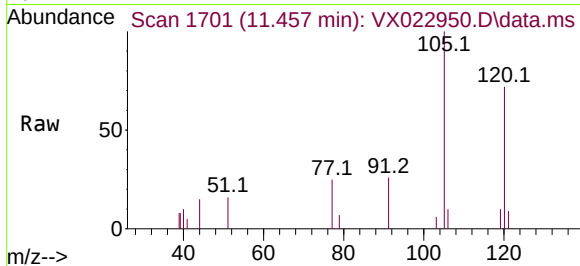




#80
1,3,5-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

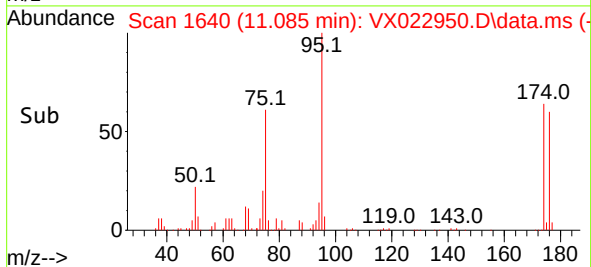
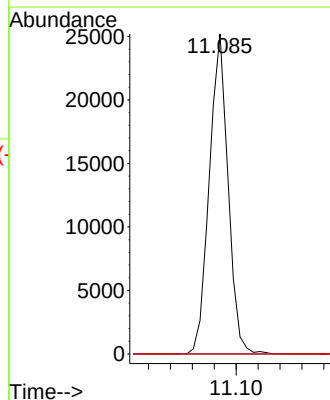
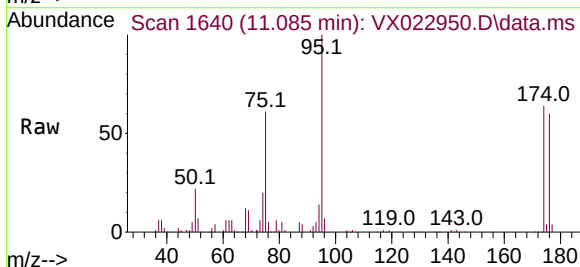
Instrument :
MSVOA_X
ClientSampled :

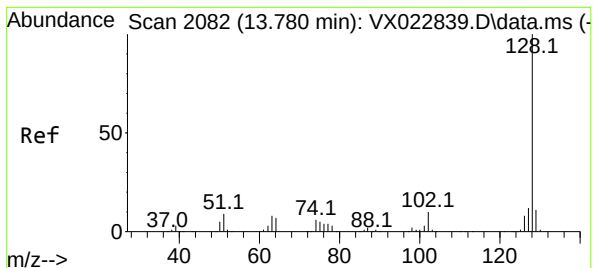
Tgt Ion:105 Resp: 1253
Ion Ratio Lower Upper
105 100
120 59.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 66.81 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Tgt Ion: 75 Resp: 29906
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022950.D
Acq: 26 Jun 2021 03:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

