

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022576.D
 Acq On : 08 Jun 2021 20:02
 Operator : JC/MD
 Sample : M2625-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:02:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

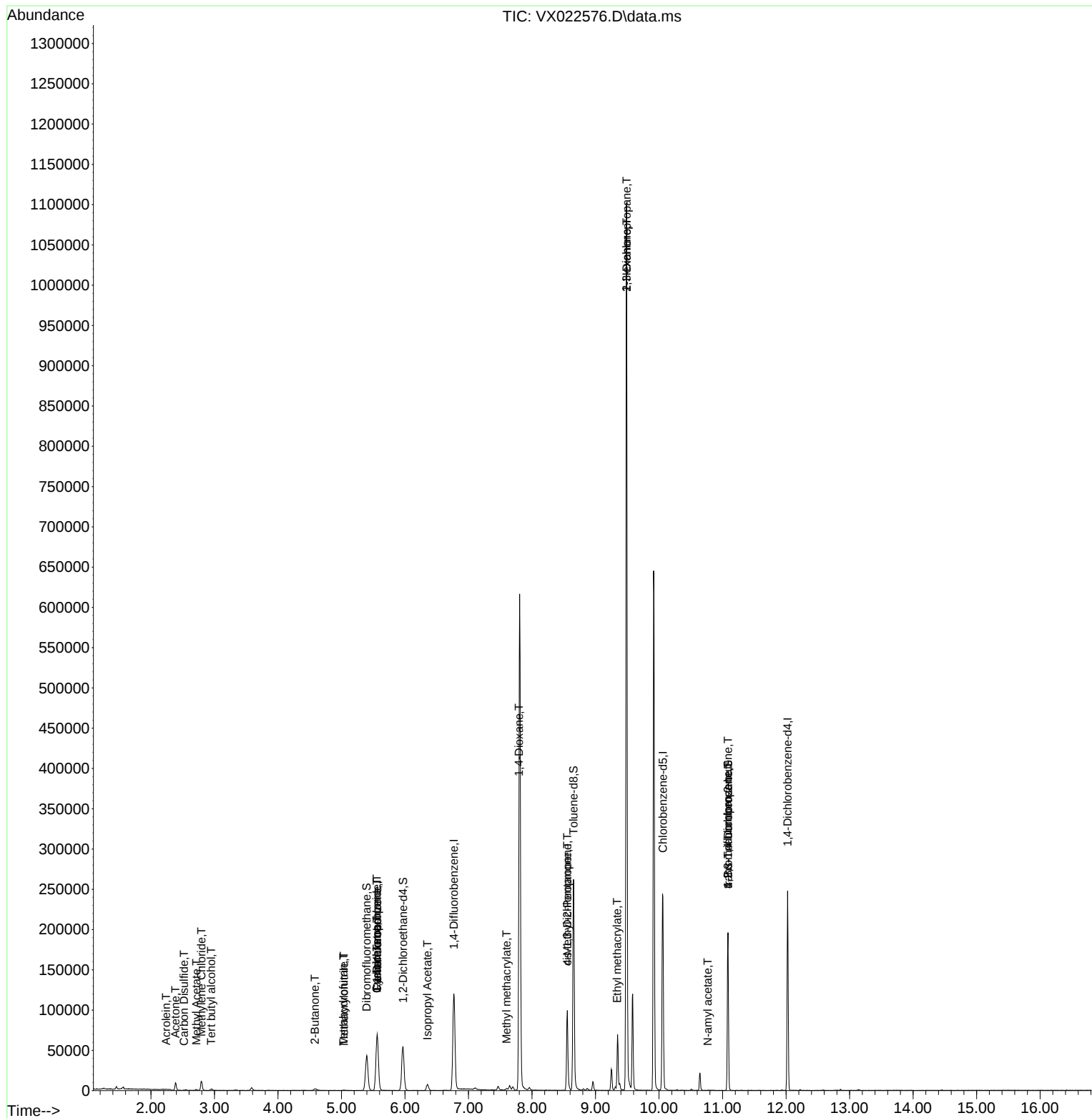
Internal Standards						
1) Pentafluorobenzene	5.562	168	57310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	121002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	108882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	50657	49.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.440%
35) Dibromofluoromethane	5.397	113	35375	46.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.460%
50) Toluene-d8	8.653	98	148125	49.036	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.085	95	52489	46.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	1211	5.299	ug/l	# 73
13) Acrolein	2.239	56	25	3.346	ug/l	# 1
16) Acetone	2.386	43	9898	21.621	ug/l	97
17) Carbon Disulfide	2.520	76	111	3.441	ug/l	# 75
18) Methyl Acetate	2.715	43	1511	1.197	ug/l	# 83
20) Methylene Chloride	2.794	84	4883	5.109	ug/l	# 84
25) 2-Butanone	4.580	43	2049	2.708	ug/l	92
29) Tetrahydrofuran	5.032	42	487	1.097	ug/l	# 30
31) Cyclohexane	5.556	56	1847	1.533	ug/l	# 57
36) 1,1-Dichloropropene	5.556	75	5683	4.855	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	6743	8.029	ug/l	# 15
41) Methacrylonitrile	5.038	41	284	0.344	ug/l	# 1
43) Isopropyl Acetate	6.354	43	9962	4.090	ug/l	93
48) Methyl methacrylate	7.598	41	2957	2.609	ug/l	# 10
49) 1,4-Dioxane	7.793	88	24	1.047	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	33920	22.356	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	15268	11.655	ug/l	# 69
56) Ethyl methacrylate	9.342	69	287	2.866	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9121	5.708	ug/l	# 42
59) 2-Hexanone	9.488	43	129224	111.484	ug/l	# 44
74) N-amyl acetate	10.768	43	494	0.265	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28453	25.783	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28453	63.620	ug/l	# 12

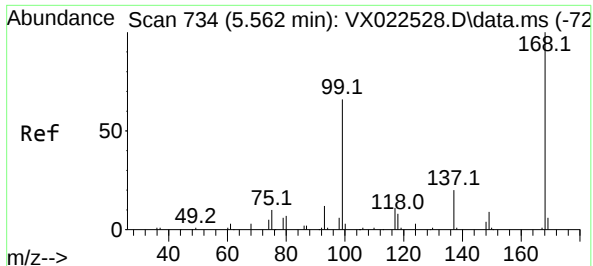
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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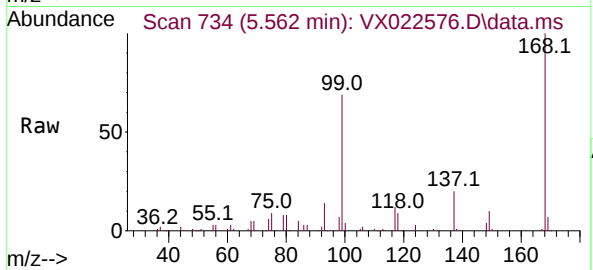
Quant Time: Jun 09 04:02:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



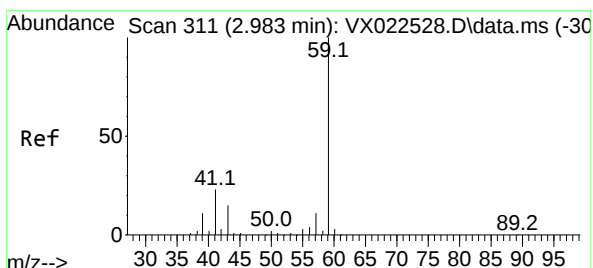
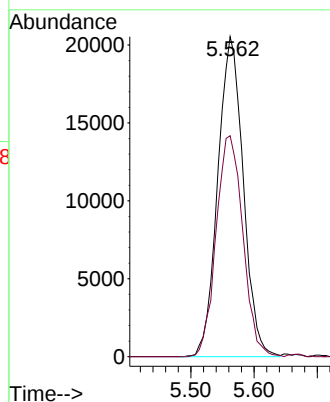
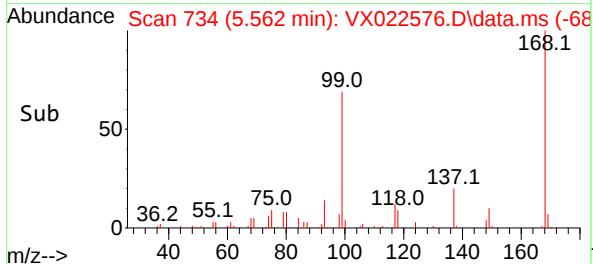


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

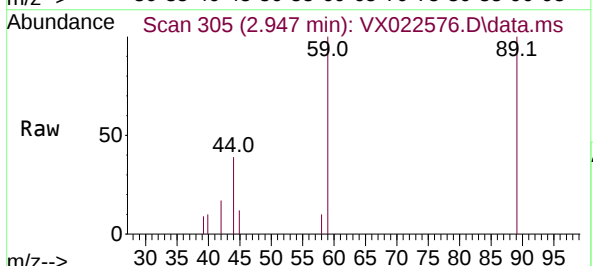
Instrument :
MSVOA_X
ClientSampleId :



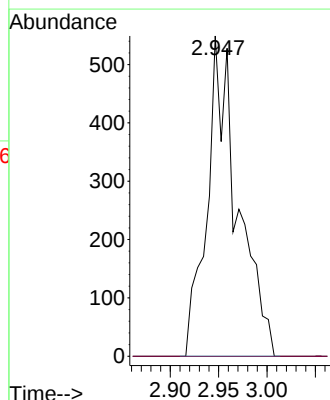
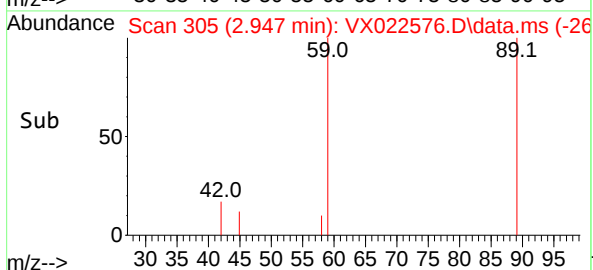
Tgt Ion:168 Resp: 57310
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#

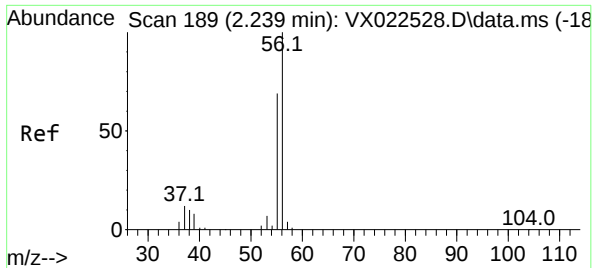


#11
Tert butyl alcohol
Concen: 5.299 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02



Tgt Ion: 59 Resp: 1211
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

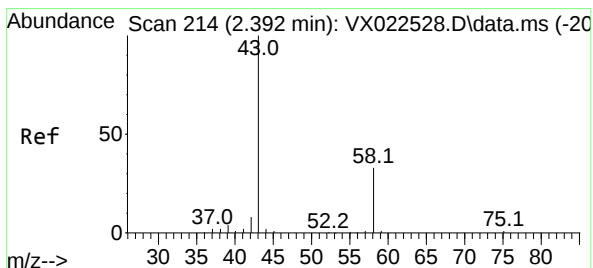
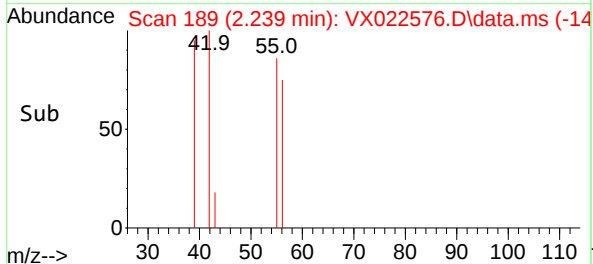
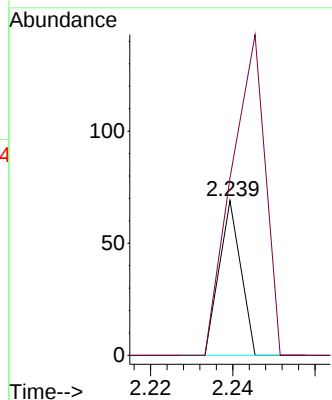
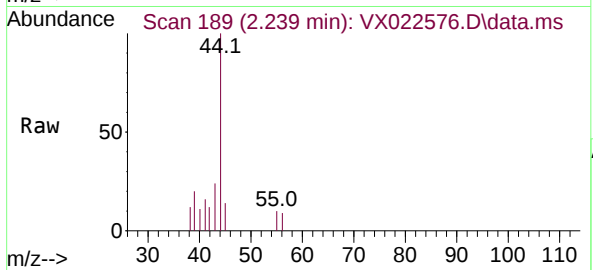




#13
Acrolein
Concen: 3.346 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

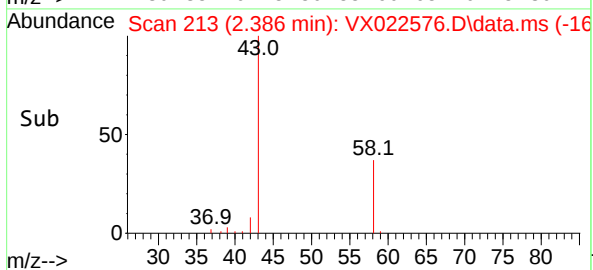
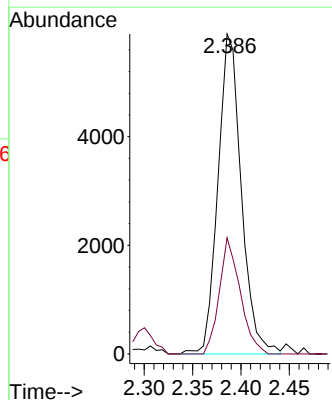
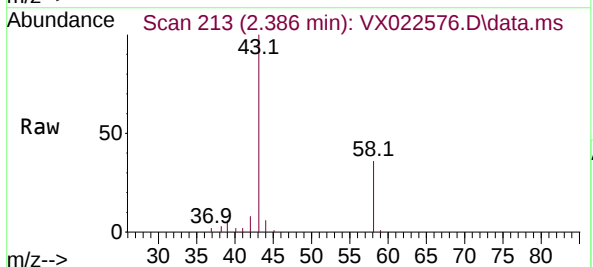
Instrument :
MSVOA_X
ClientSampled :

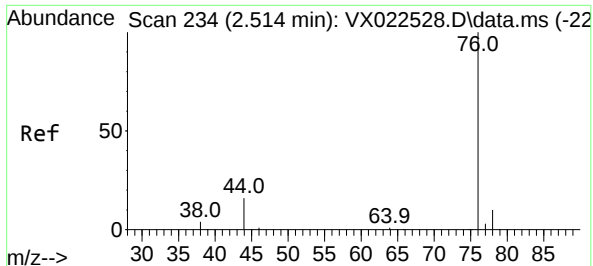
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 324.0 56.4 84.6#



#16
Acetone
Concen: 21.621 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion: 43 Resp: 9898
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8

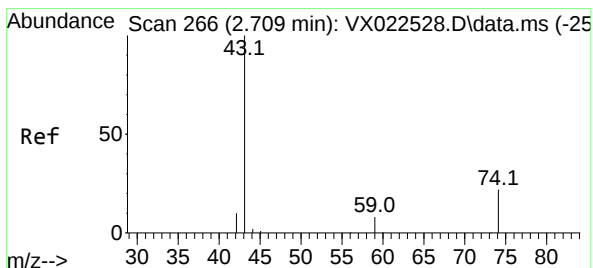
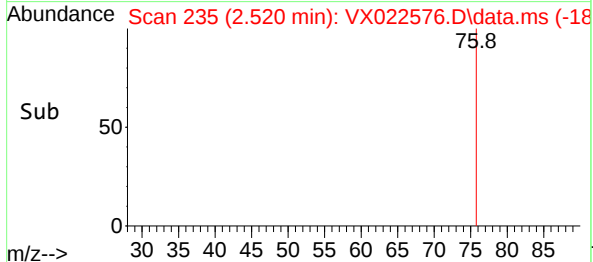
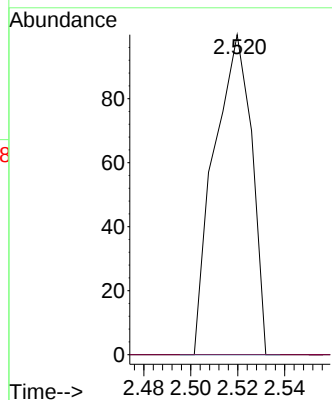
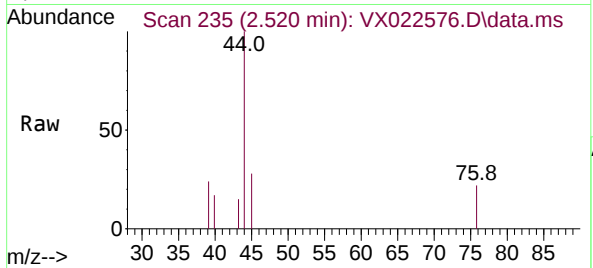




#17
Carbon Disulfide
Concen: 3.441 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

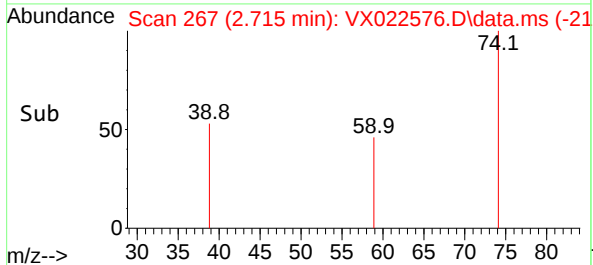
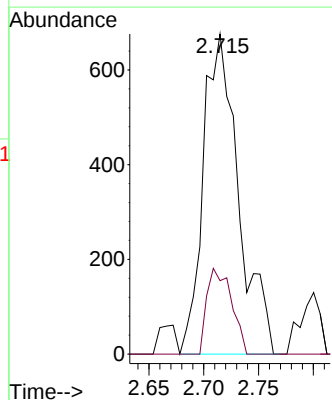
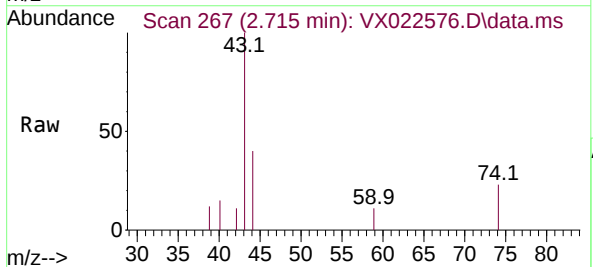
Instrument :
MSVOA_X
ClientSampled :

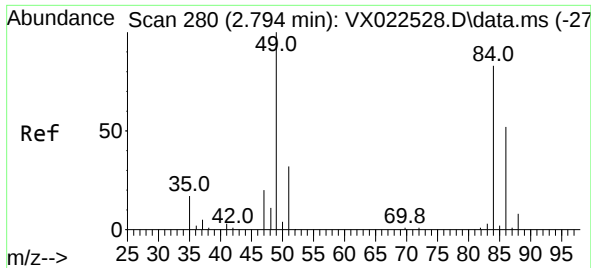
Tgt Ion: 76 Resp: 111
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.197 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
74 18.7 21.9 32.9#

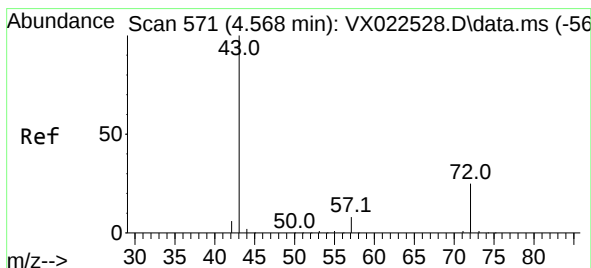
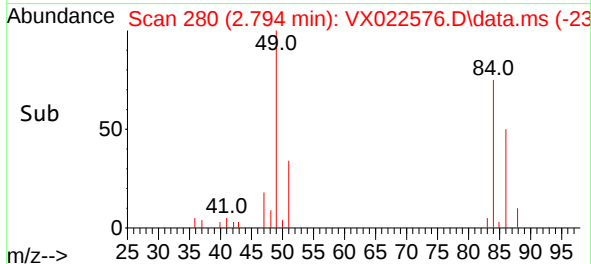
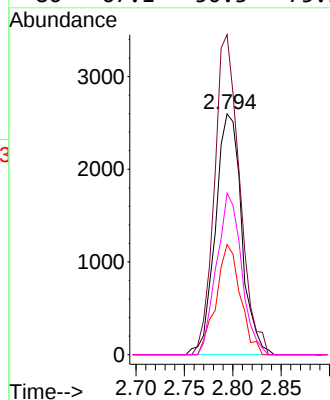
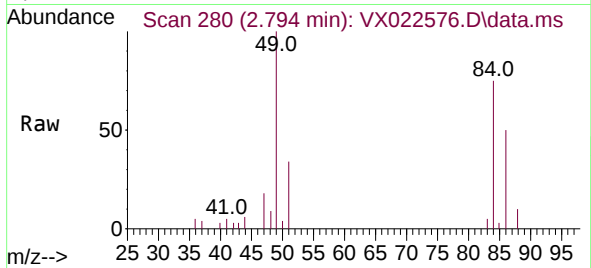




#20
Methylene Chloride
Concen: 5.109 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

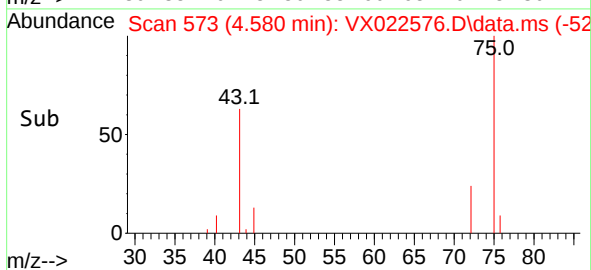
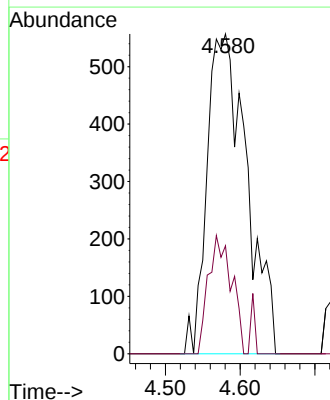
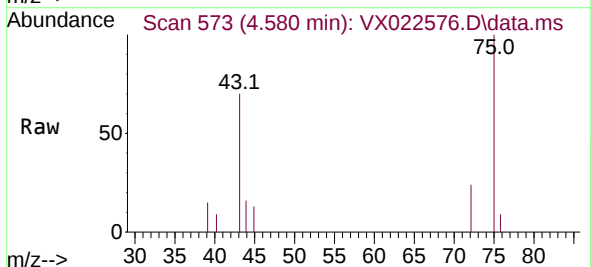
Instrument :
MSVOA_X
ClientSampleId :

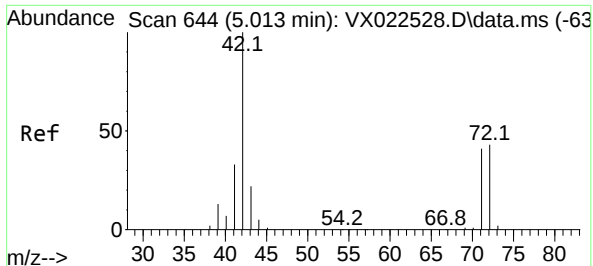
Tgt Ion:	84	Resp:	4883
Ion	Ratio	Lower	Upper
84	100		
49	132.9	88.6	132.8#
51	45.7	27.0	40.6#
86	67.1	50.3	75.5



#25
2-Butanone
Concen: 2.708 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion:	43	Resp:	2049
Ion	Ratio	Lower	Upper
43	100		
72	33.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.097 ug/l

RT: 5.032 min Scan# 647

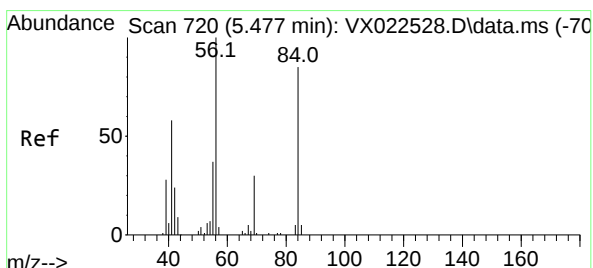
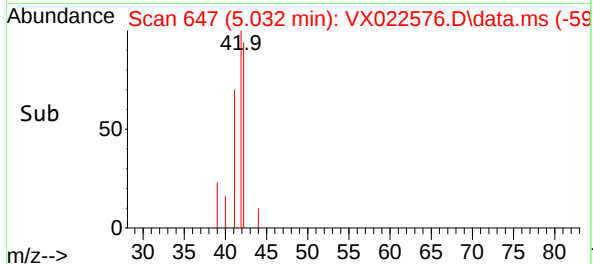
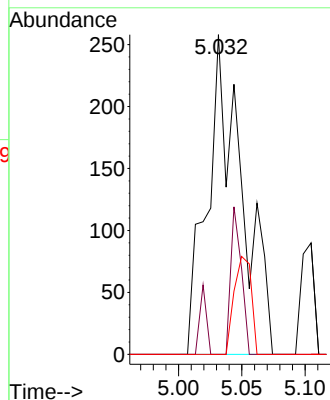
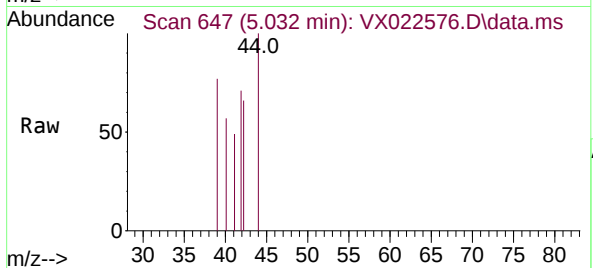
Delta R.T. 0.019 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion:	42	Resp:	487
Ion	Ratio	Lower	Upper
42	100		
72	4.1	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.533 ug/l

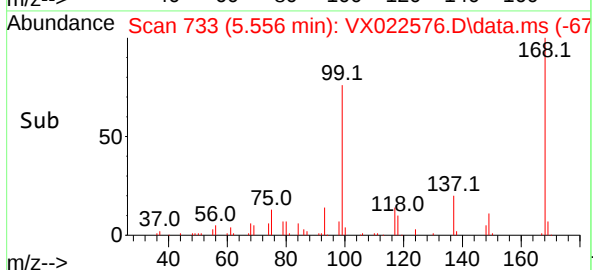
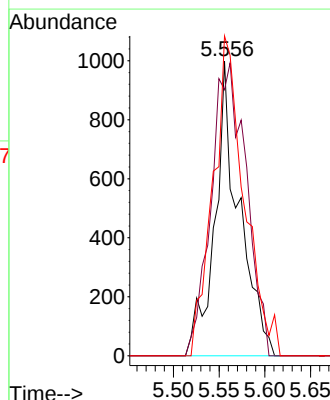
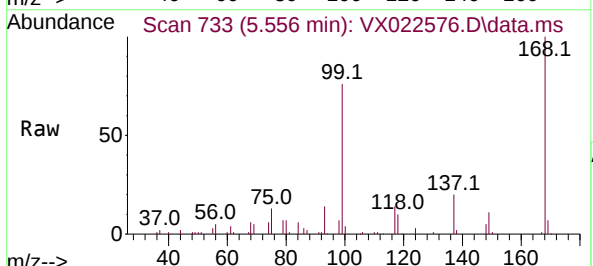
RT: 5.556 min Scan# 733

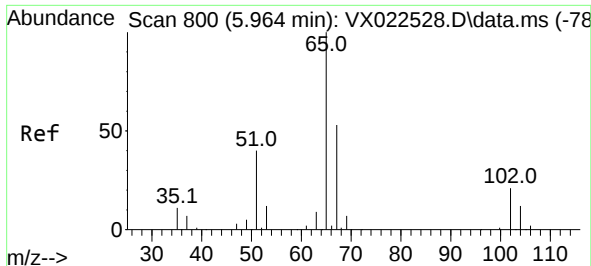
Delta R.T. 0.079 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion:	56	Resp:	1847
Ion	Ratio	Lower	Upper
56	100		
69	90.3	25.3	37.9#
84	108.5	71.4	107.0#

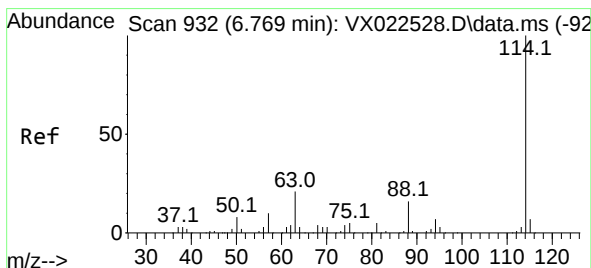
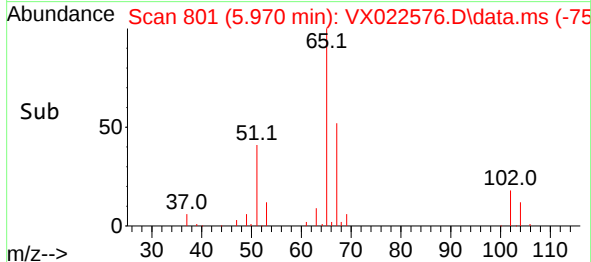
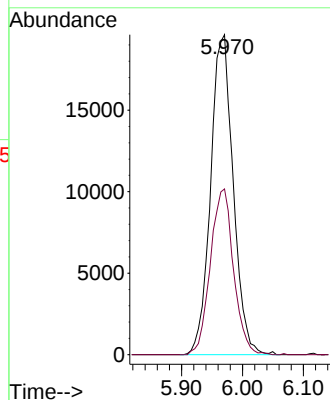
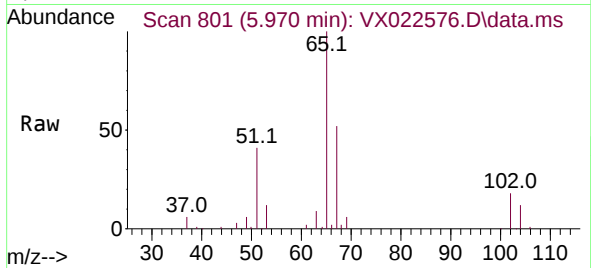




#33
1,2-Dichloroethane-d4
Concen: 49.721 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

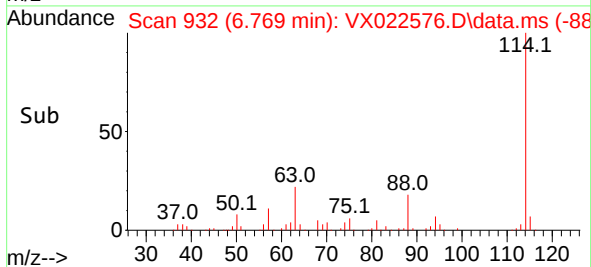
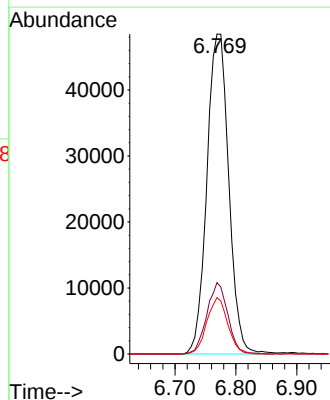
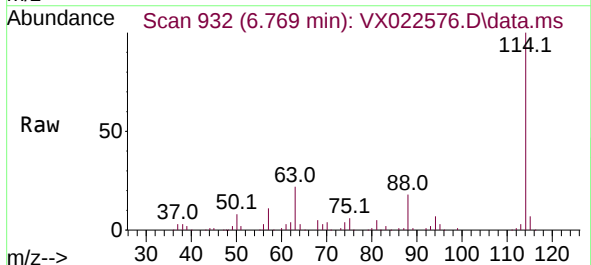
Instrument :
MSVOA_X
ClientSampleId :

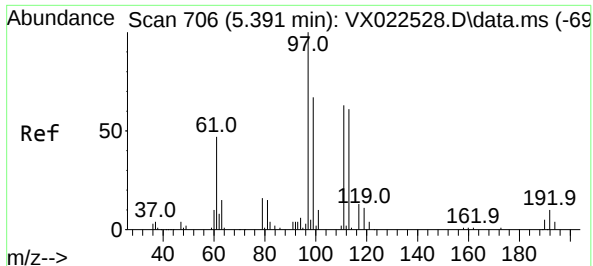
Tgt Ion: 65 Resp: 50657
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion: 114 Resp: 121002
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.726 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion:113 Resp: 35375

Ion Ratio Lower Upper

113 100

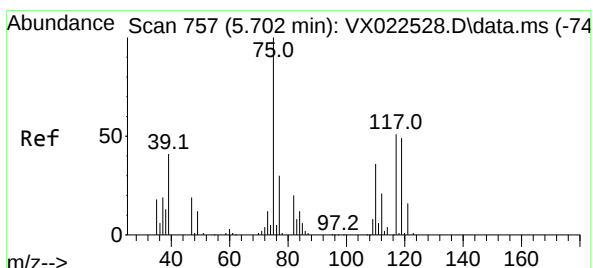
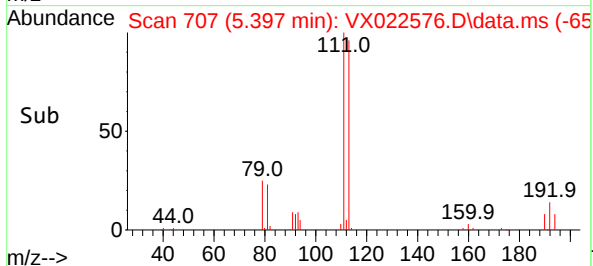
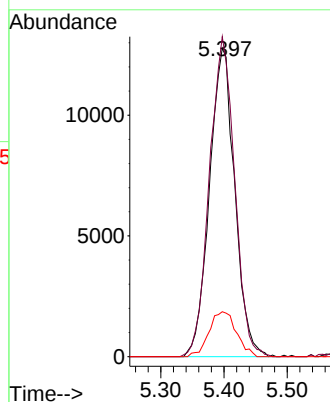
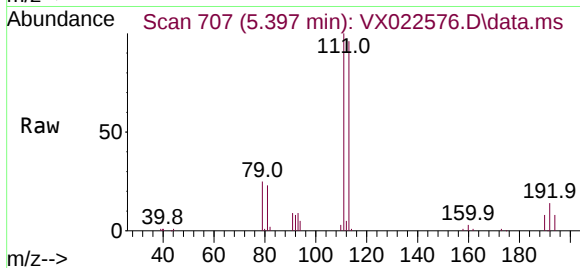
111 103.6 81.9 122.9

192 15.8 16.7 25.1#

Instrument :

MSVOA_X

ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.855 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

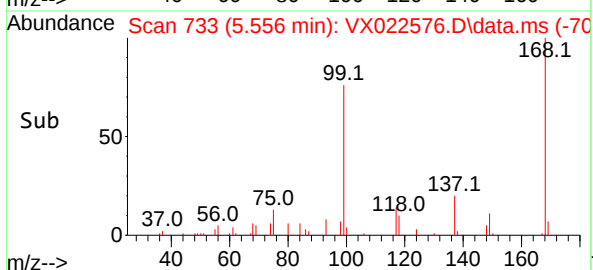
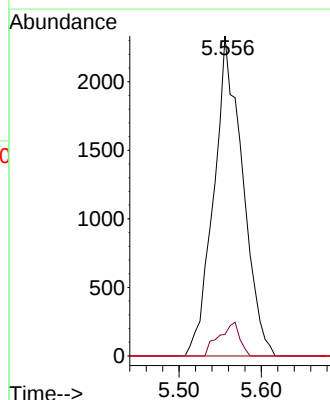
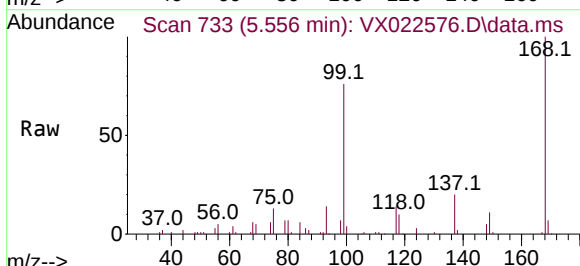
Tgt Ion: 75 Resp: 5683

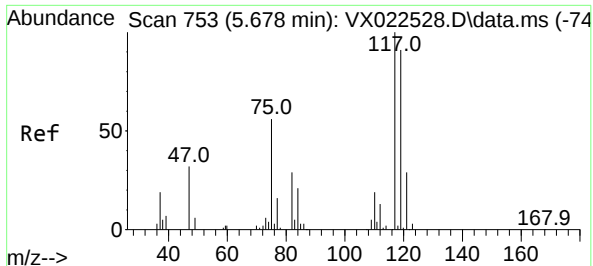
Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.4#

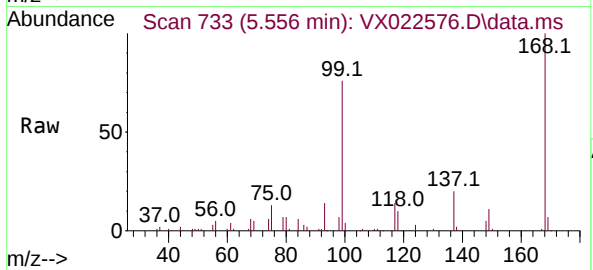
77 0.0 25.3 37.9#



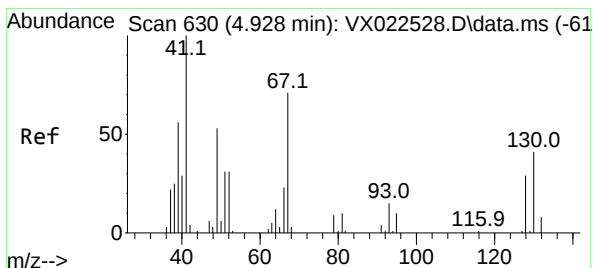
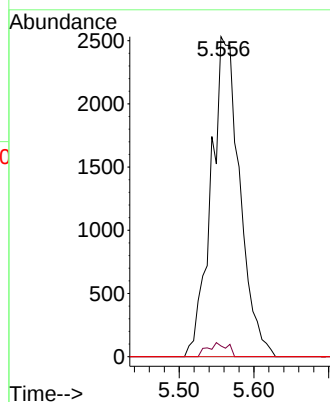
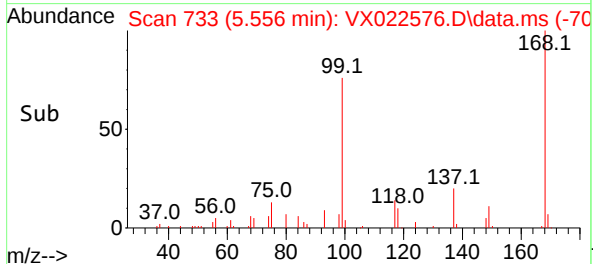


#38
Carbon Tetrachloride
Concen: 8.029 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

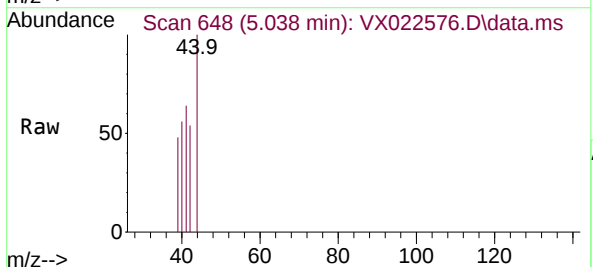
Instrument :
MSVOA_X
ClientSampleId :



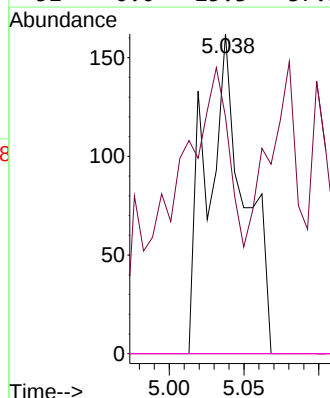
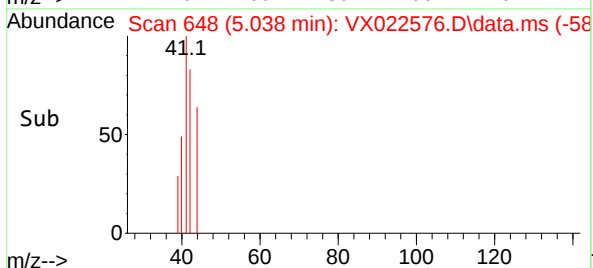
Tgt Ion:117 Resp: 6743
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

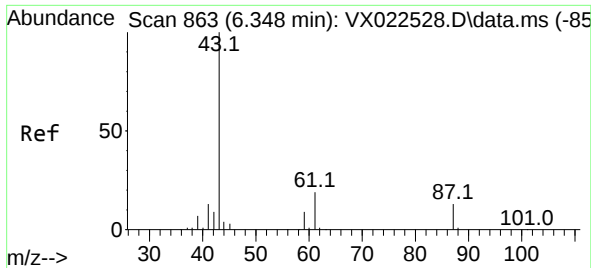


#41
Methacrylonitrile
Concen: 0.344 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02



Tgt Ion: 41 Resp: 284
Ion Ratio Lower Upper
41 100
39 150.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

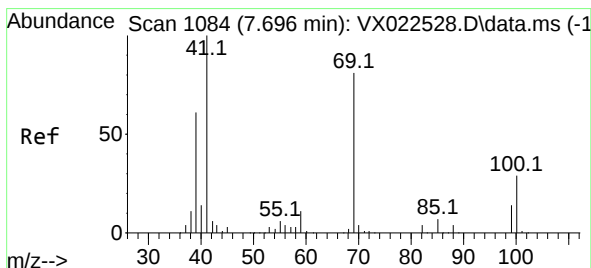
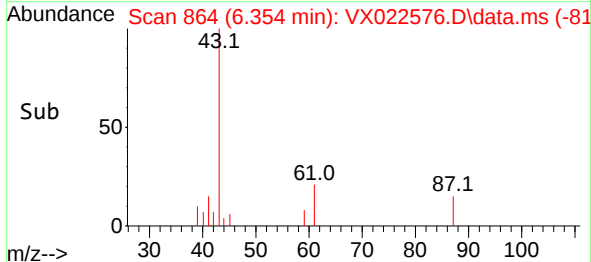
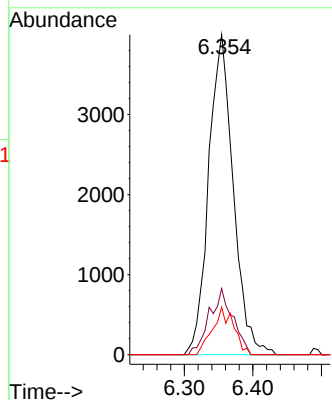
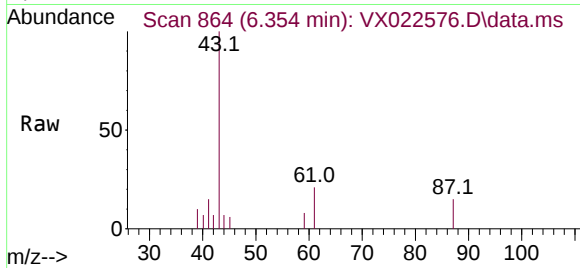




#43
Isopropyl Acetate
Concen: 4.090 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

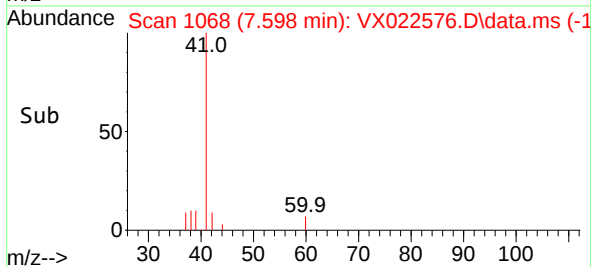
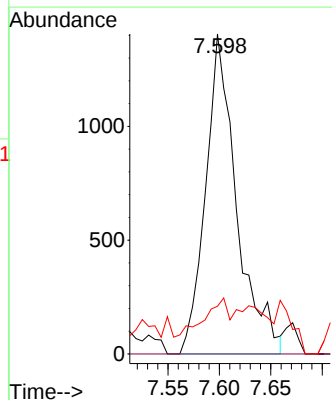
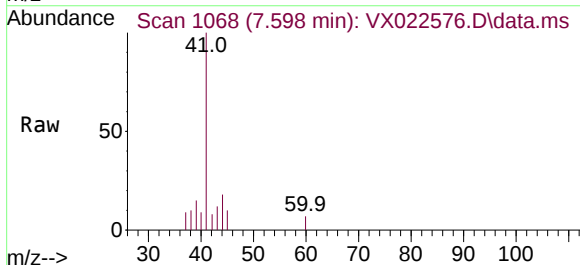
Instrument :
MSVOA_X
ClientSampleId :

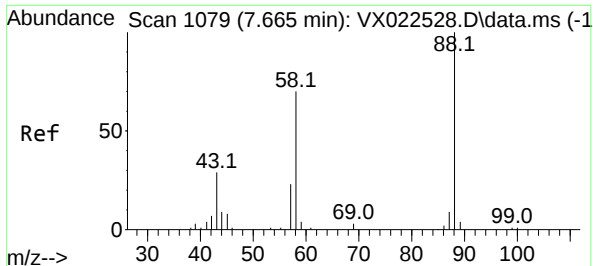
Tgt Ion: 43	Resp: 9962
Ion Ratio	Lower Upper
43	100
61	19.7 18.2 27.4
87	12.8 12.5 18.7



#48
Methyl methacrylate
Concen: 2.609 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion: 41	Resp: 2957
Ion Ratio	Lower Upper
41	100
69	0.0 76.0 114.0#
39	0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 1.047 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.128 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

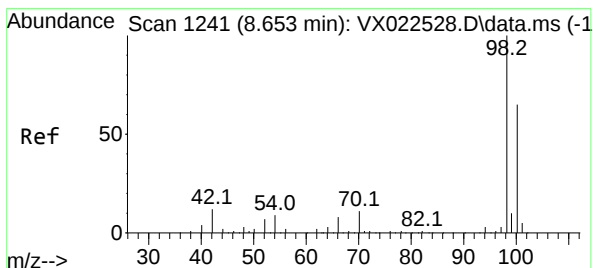
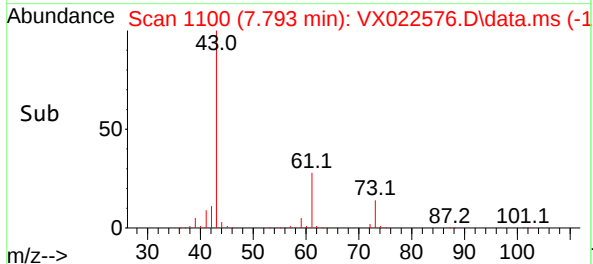
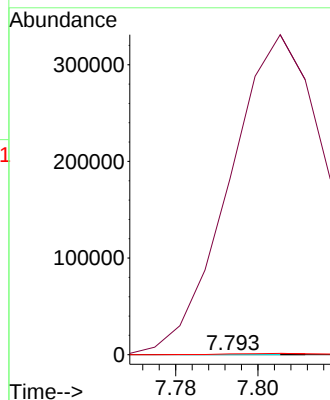
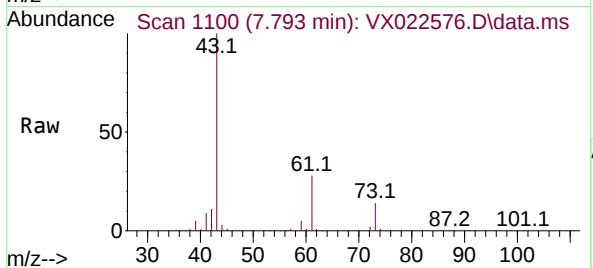
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 2367141.7 23.2 34.8#

58 9404.2 55.0 82.4#



#50

Toluene-d8

Concen: 49.036 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022576.D

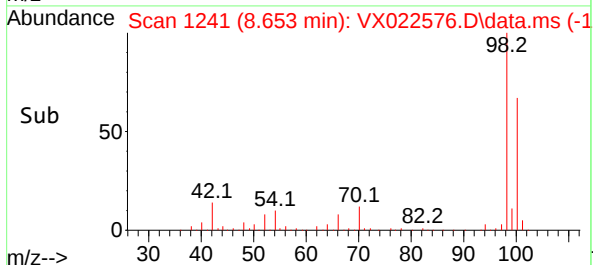
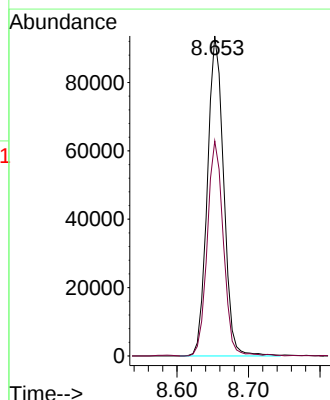
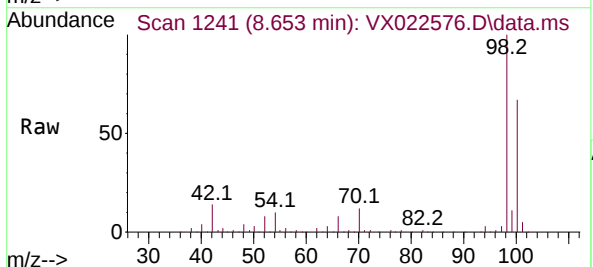
Acq: 08 Jun 2021 20:02

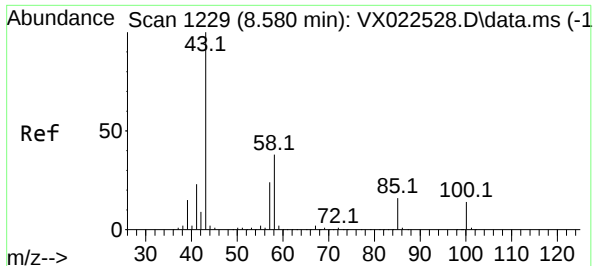
Tgt Ion: 98 Resp: 148125

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9

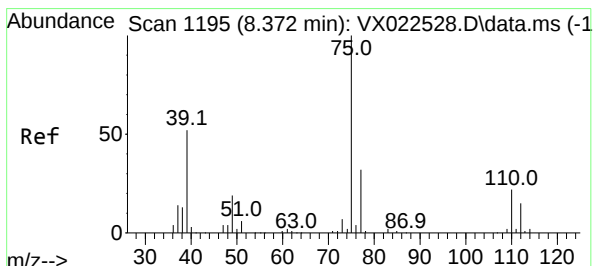
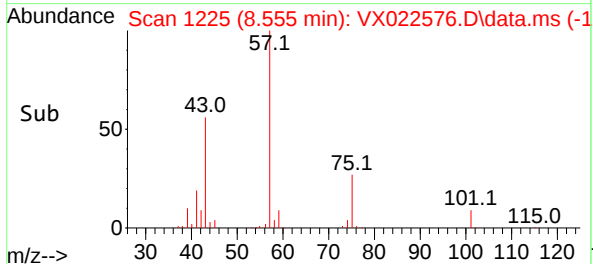
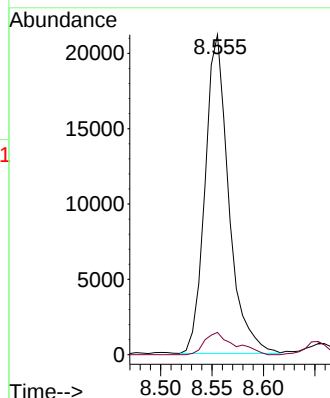
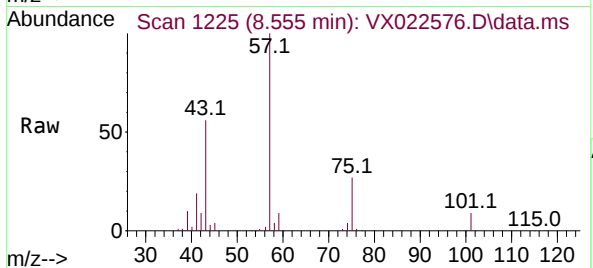




#51
4-Methyl-2-Pentanone
Concen: 22.356 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

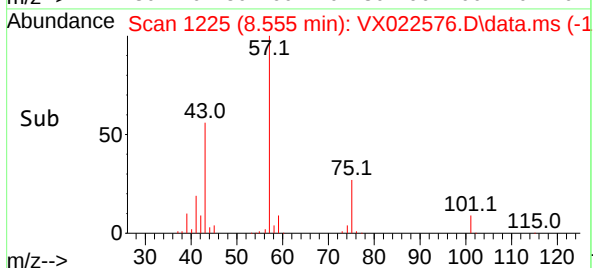
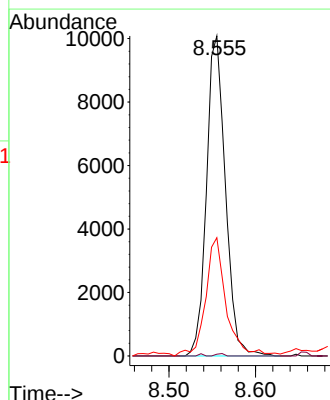
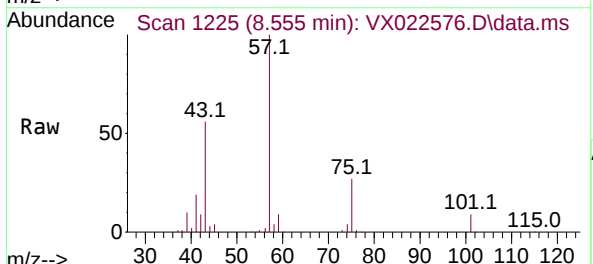
Instrument :
MSVOA_X
ClientSampled :

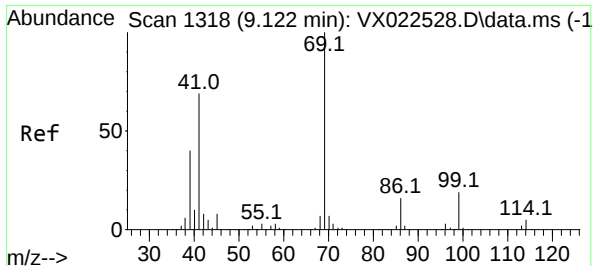
Tgt Ion: 43 Resp: 33920
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.655 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion: 75 Resp: 15268
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 36.4 35.1 52.7





#56

Ethyl methacrylate

Concen: 2.866 ug/l

RT: 9.342 min Scan# 1354

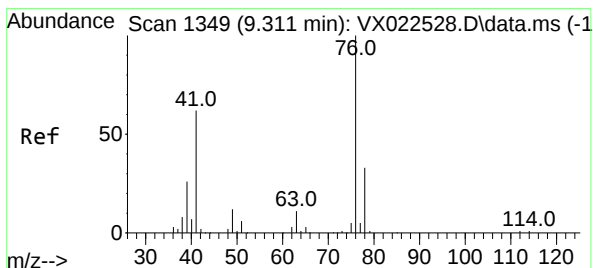
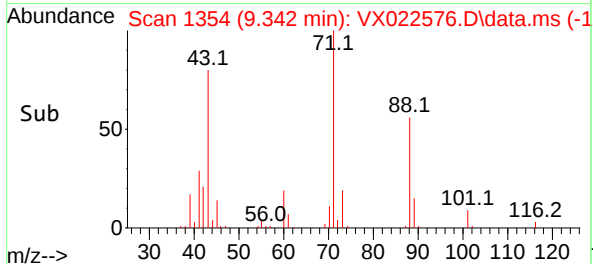
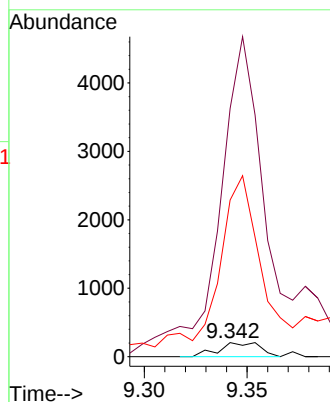
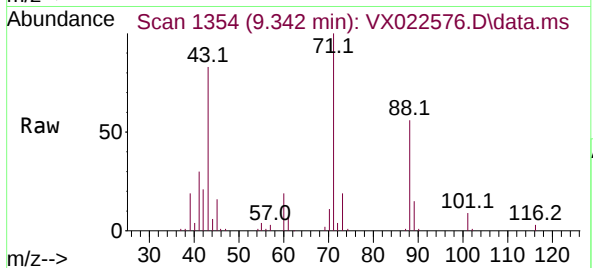
Delta R.T. 0.220 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion:	69	Resp:	287
Ion Ratio	Lower	Upper	
69	100		
41	2705.6	46.8	70.2#
39	1144.6	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 5.708 ug/l

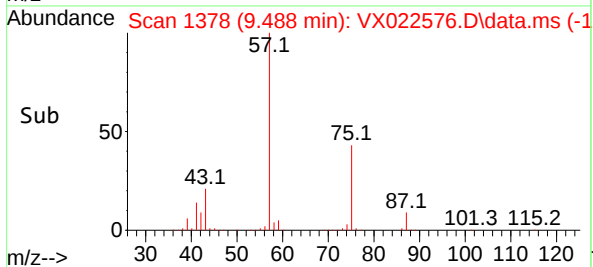
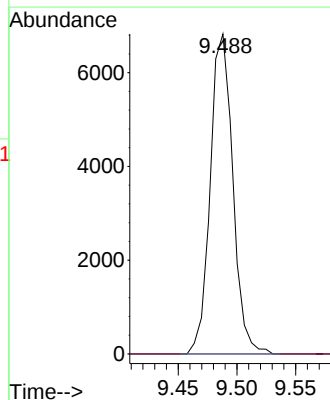
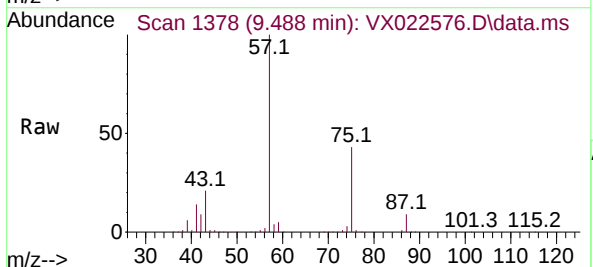
RT: 9.488 min Scan# 1378

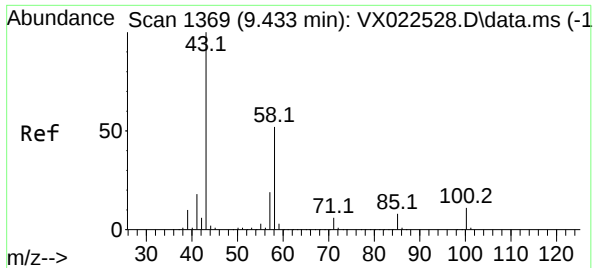
Delta R.T. 0.177 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion:	76	Resp:	9121
Ion Ratio	Lower	Upper	
76	100		
78	0.0	26.2	39.2#

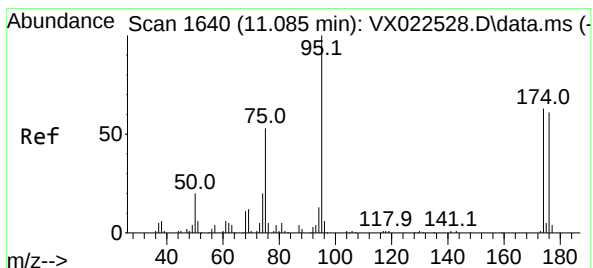
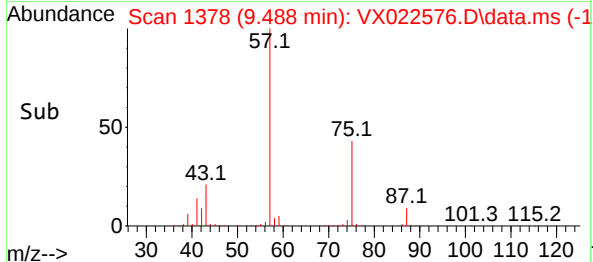
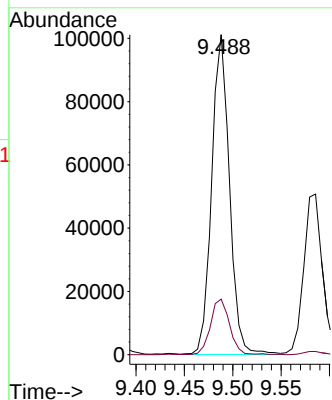
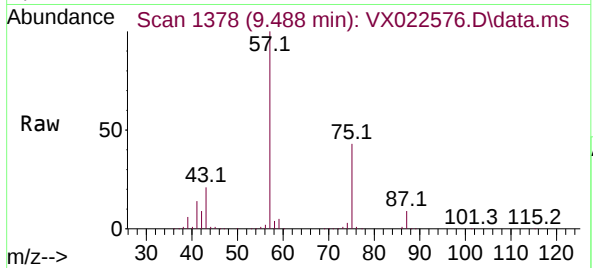




#59
2-Hexanone
Concen: 111.484 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

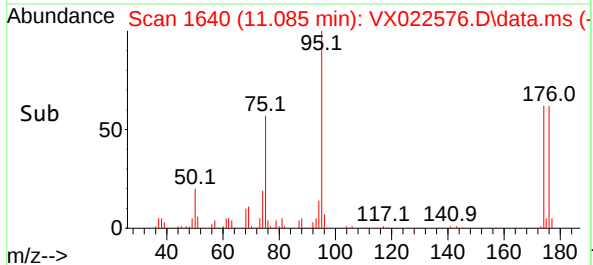
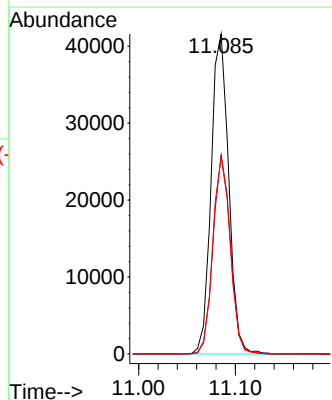
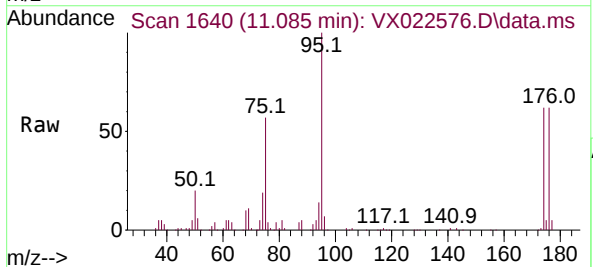
Instrument :
MSVOA_X
ClientSampled :

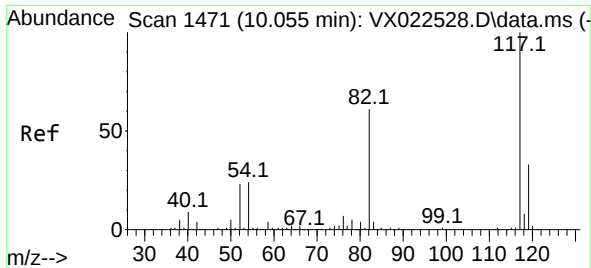
Tgt Ion: 43 Resp: 129224
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.748 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion: 95 Resp: 52489
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 61.0 0.0 155.8

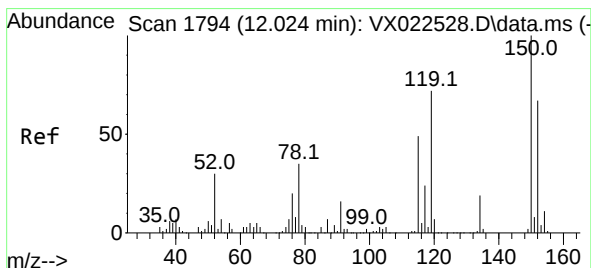
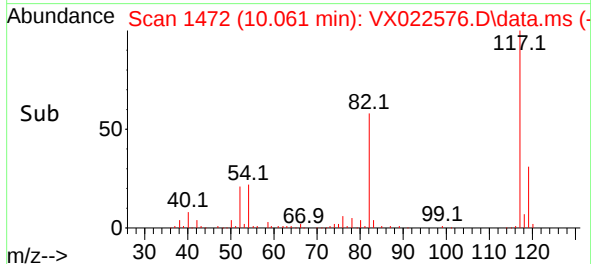
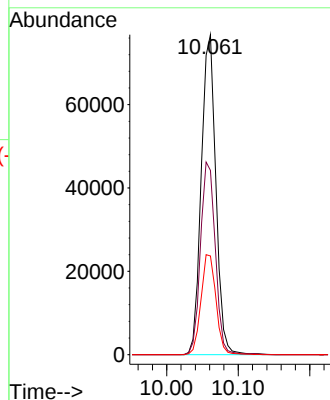
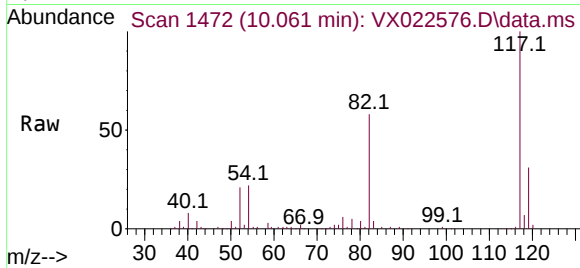




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

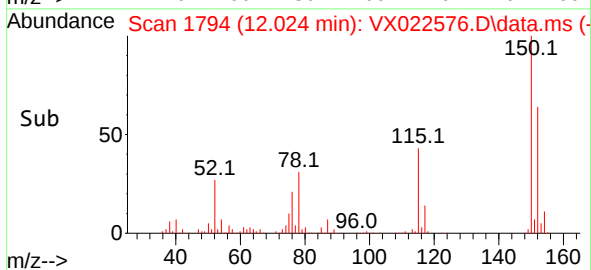
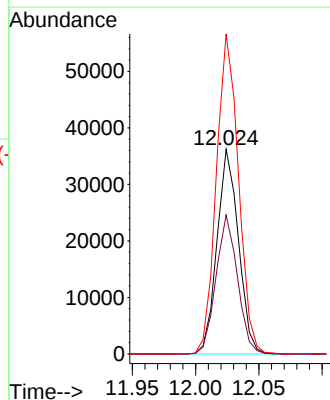
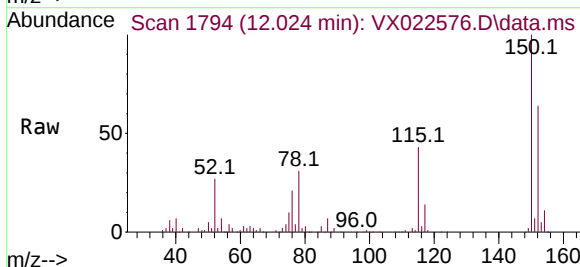
Instrument :
MSVOA_X
ClientSampled :

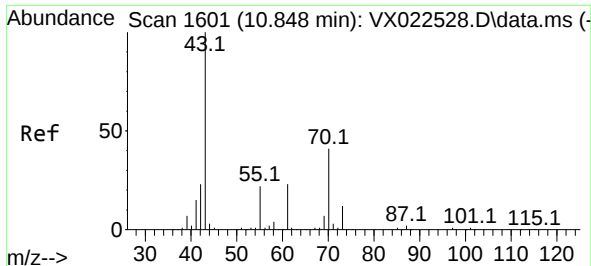
Tgt Ion:117 Resp: 108882
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

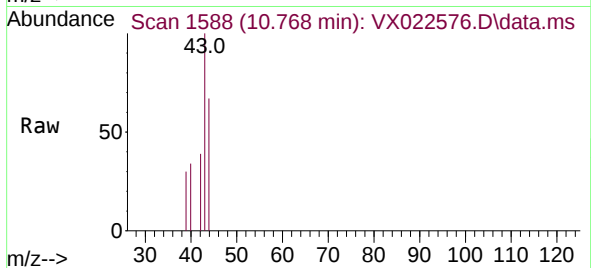
Tgt Ion:152 Resp: 42599
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 161.2 0.0 349.0



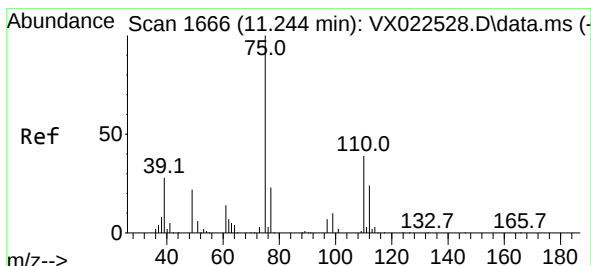
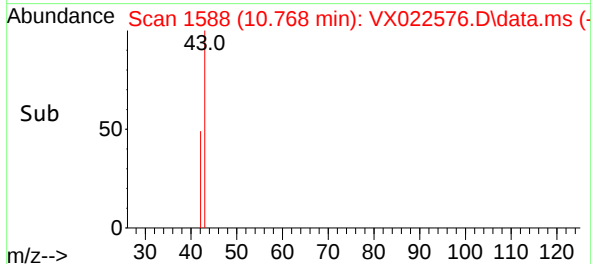
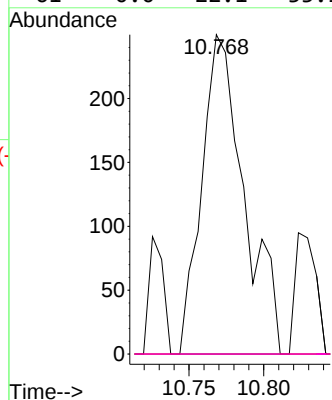


#74
N-amy1 acetate
Concen: 0.265 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Instrument :
MSVOA_X
ClientSampled :

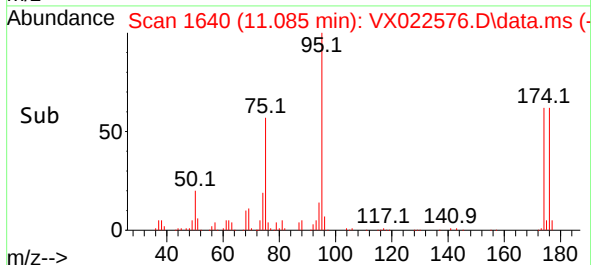
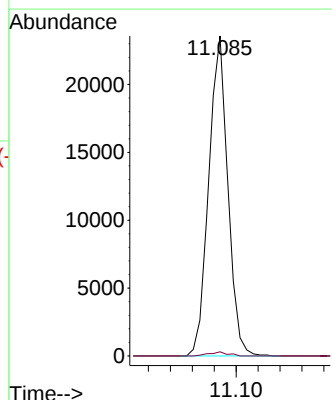
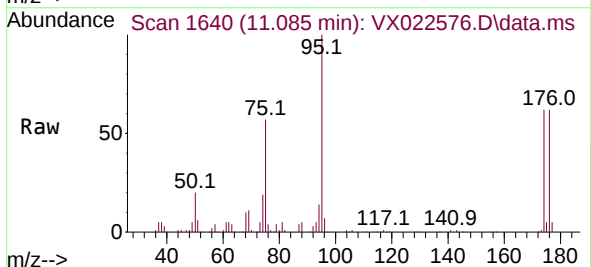


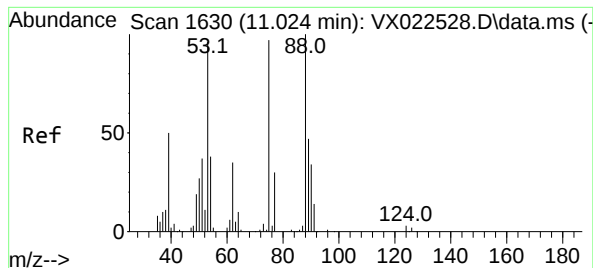
Tgt Ion:	43	Resp:	494
Ion Ratio	100	Lower	Upper
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 25.783 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022576.D
Acq: 08 Jun 2021 20:02

Tgt Ion:	75	Resp:	28453
Ion Ratio	100	Lower	Upper
77	1.3	19.1	57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 63.620 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022576.D

Acq: 08 Jun 2021 20:02

Tgt Ion: 75 Resp: 28453

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

