

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027972.D
 Acq On : 04 Apr 2022 20:50
 Operator : JC/MD
 Sample : N2229-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:54:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

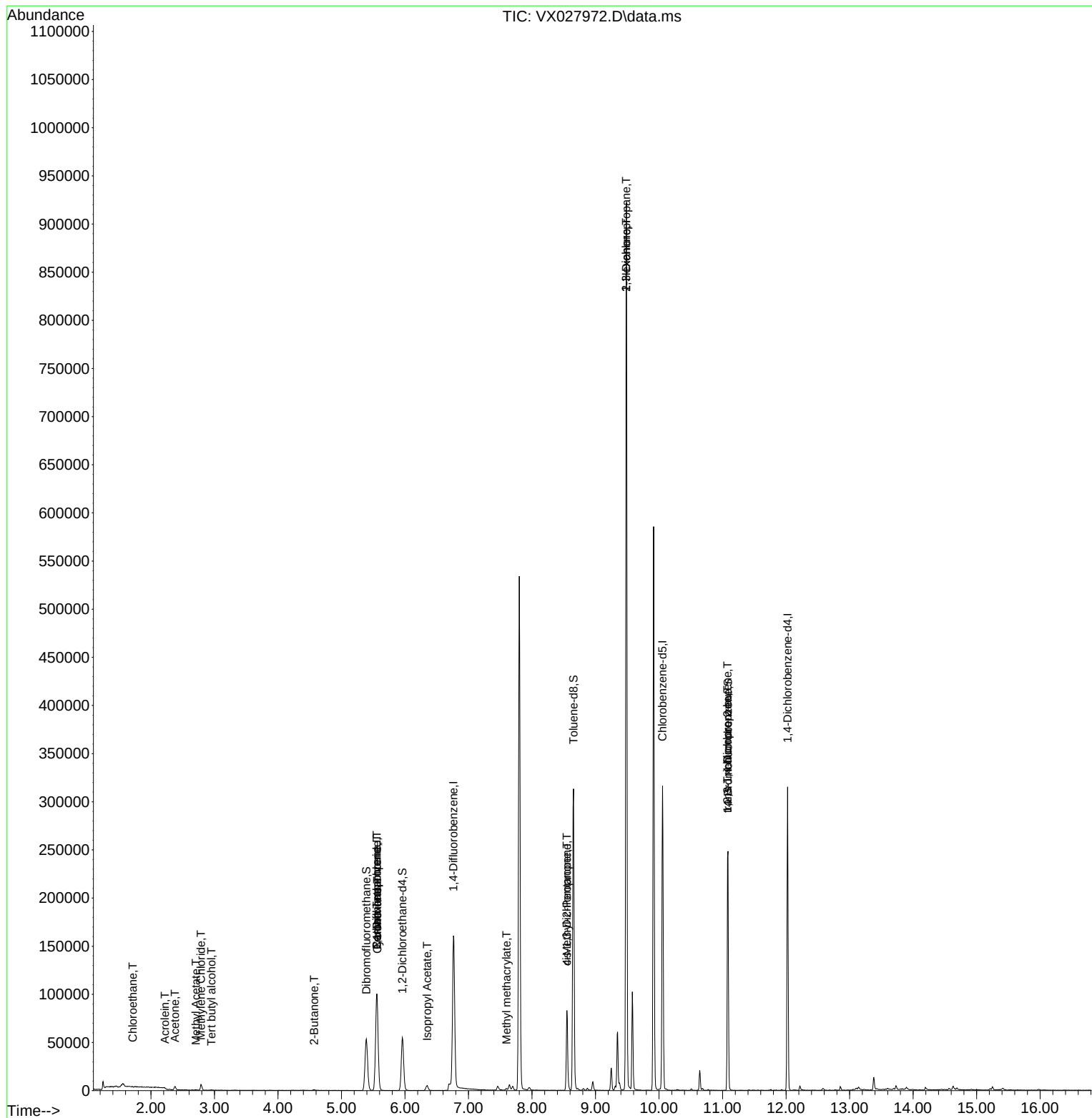
Internal Standards						
1) Pentafluorobenzene	5.555	168	96943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52845	42.248	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.500%
35) Dibromofluoromethane	5.391	113	47468	46.493	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.980%
50) Toluene-d8	8.652	98	180950	50.373	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.740%
62) 4-Bromofluorobenzene	11.085	95	68807	45.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.140%
Target Compounds						
					Qvalue	
6) Chloroethane	1.715	64	195	0.363	ug/l #	43
11) Tert butyl alcohol	2.952	59	228	0.949	ug/l #	94
13) Acrolein	2.221	56	446	2.478	ug/l #	15
16) Acetone	2.379	43	4744	8.570	ug/l #	83
18) Methyl Acetate	2.708	43	755	0.553	ug/l #	59
20) Methylene Chloride	2.788	84	2468	2.479	ug/l	88
25) 2-Butanone	4.568	43	1388	1.723	ug/l #	79
31) Cyclohexane	5.562	56	1898	1.373	ug/l #	15
36) 1,1-Dichloropropene	5.555	75	6614	5.143	ug/l #	50
38) Carbon Tetrachloride	5.555	117	9766	6.874	ug/l #	16
43) Isopropyl Acetate	6.348	43	6942	2.719	ug/l	97
48) Methyl methacrylate	7.598	41	2872	2.145	ug/l #	7
51) 4-Methyl-2-Pentanone	8.549	43	29132	16.447	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	12600	7.608	ug/l #	73
57) 1,3-Dichloropropane	9.482	76	7619	4.159	ug/l #	43
59) 2-Hexanone	9.482	43	111642	81.858	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	37046	26.812	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37046	78.469	ug/l #	15

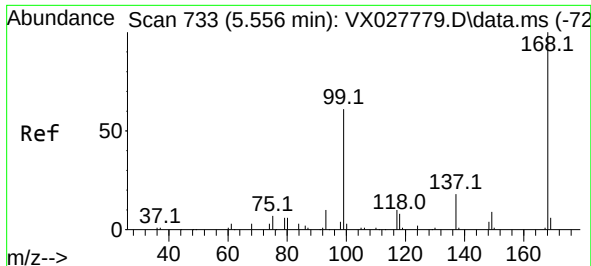
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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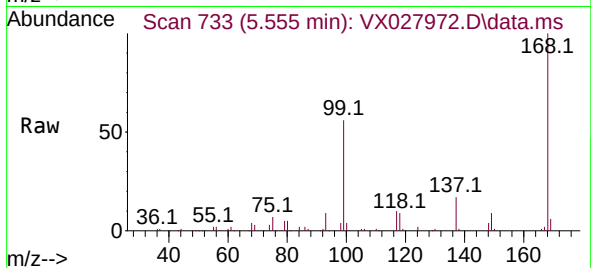
Quant Time: Apr 05 05:54:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



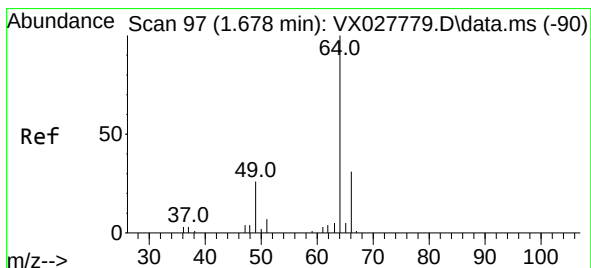
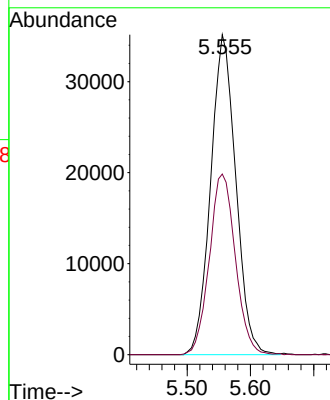
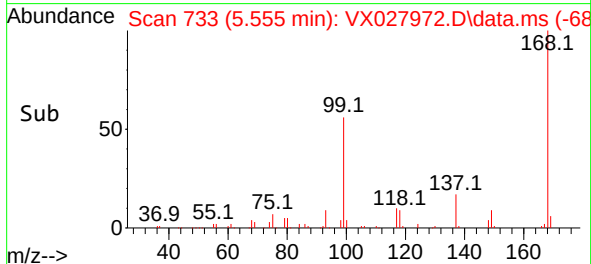


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :

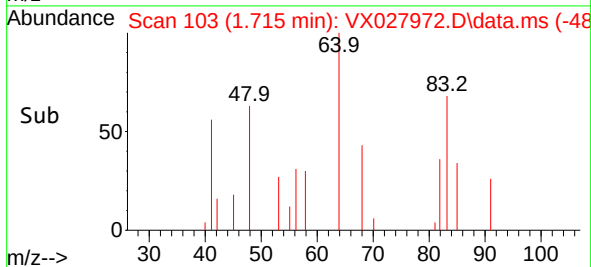
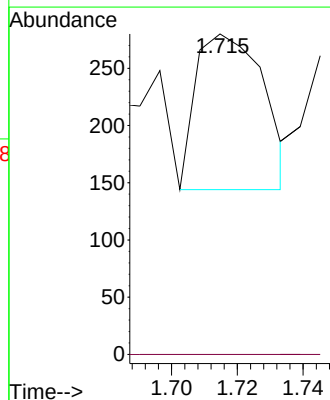
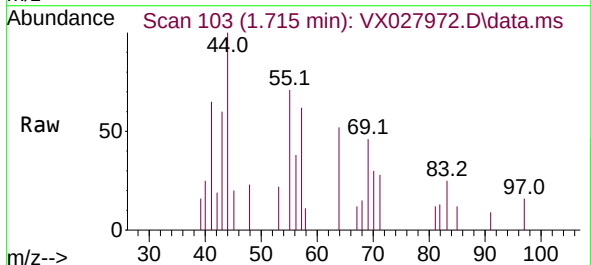


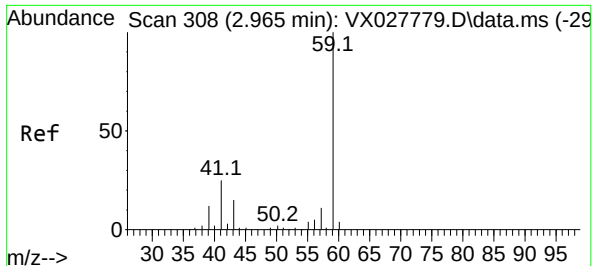
Tgt Ion:168 Resp: 96943
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#6
Chloroethane
Concen: 0.363 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.949 ug/l

RT: 2.952 min Scan# 30

Delta R.T. -0.013 min

Lab File: VX027972.D

Acq: 04 Apr 2022 20:50

Instrument :

MSVOA_X

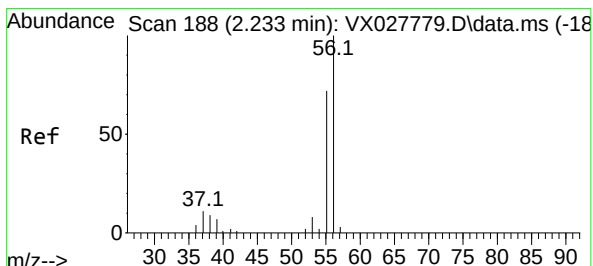
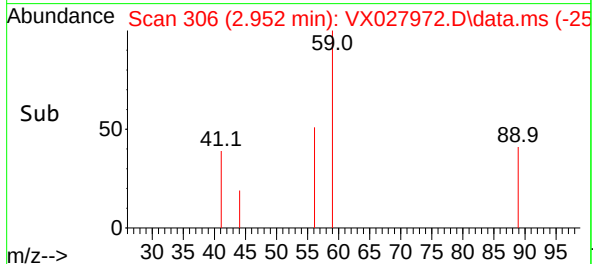
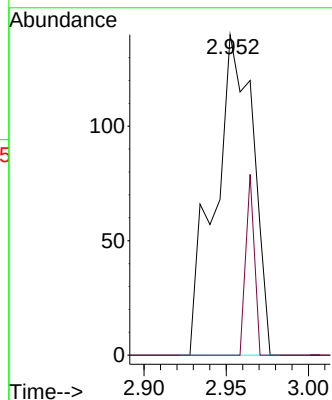
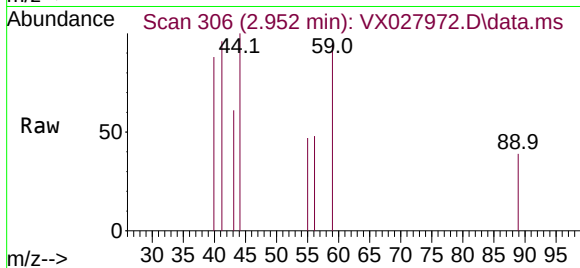
ClientSampleId :

Tgt Ion: 59 Resp: 228

Ion Ratio Lower Upper

59 100

57 12.7 8.3 12.5#



#13

Acrolein

Concen: 2.478 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX027972.D

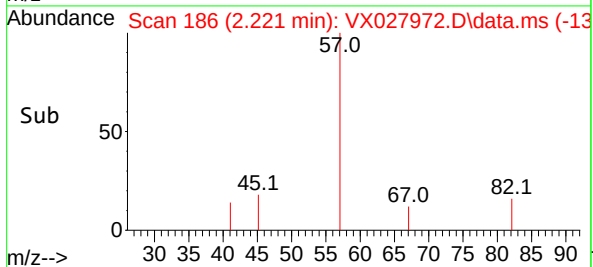
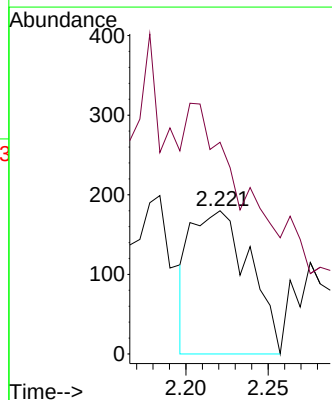
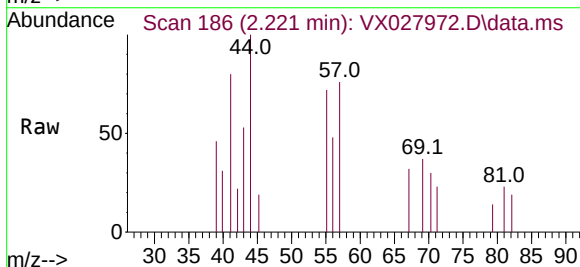
Acq: 04 Apr 2022 20:50

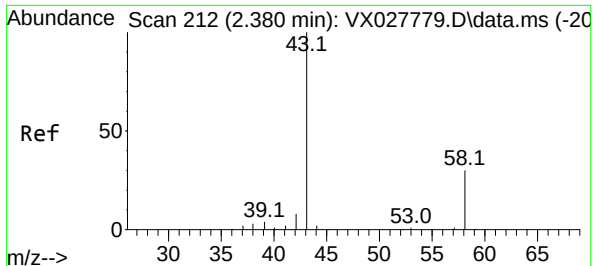
Tgt Ion: 56 Resp: 446

Ion Ratio Lower Upper

56 100

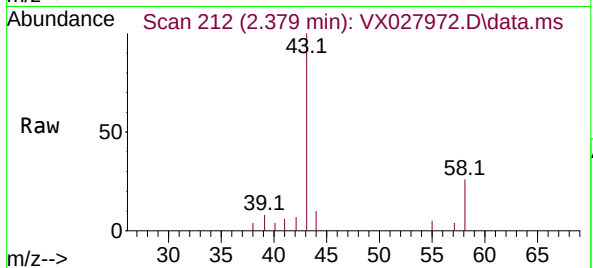
55 0.0 55.0 82.6#



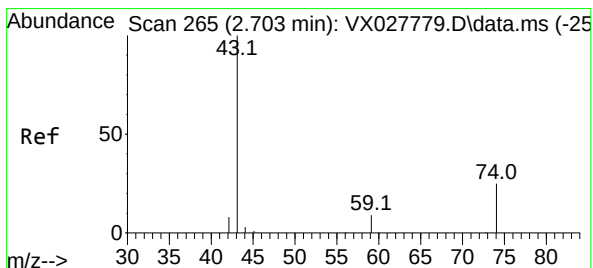
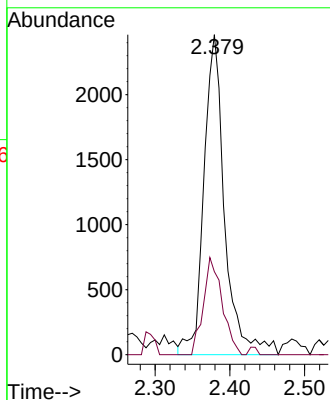
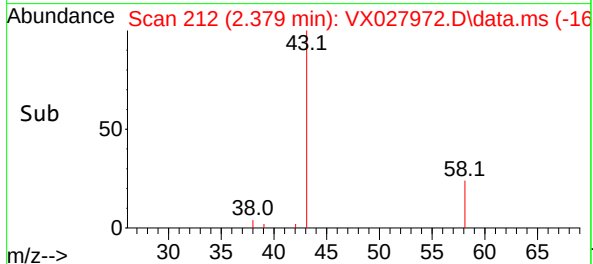


#16
Acetone
Concen: 8.570 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :

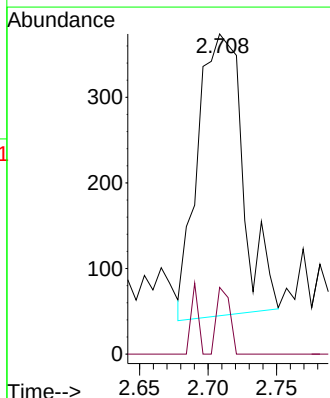
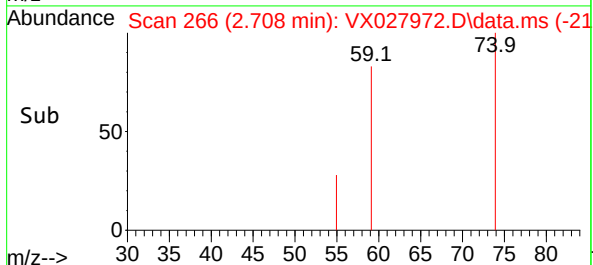
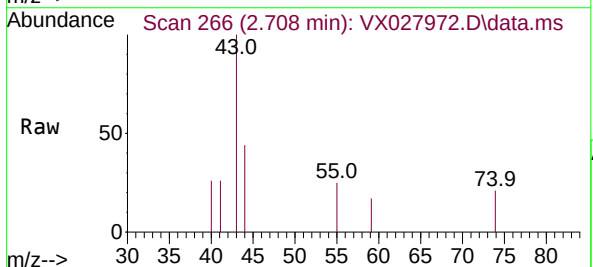


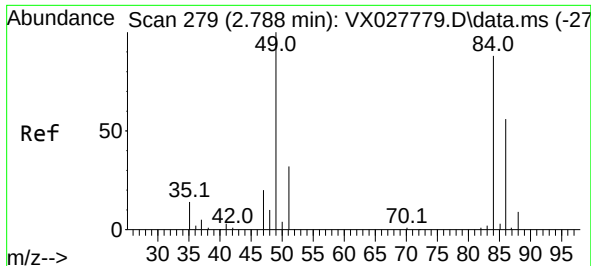
Tgt Ion: 43 Resp: 4744
Ion Ratio Lower Upper
43 100
58 26.0 28.8 43.2#



#18
Methyl Acetate
Concen: 0.553 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.005 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
74 7.0 22.8 34.2#





#20

Methylene Chloride

Concen: 2.479 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

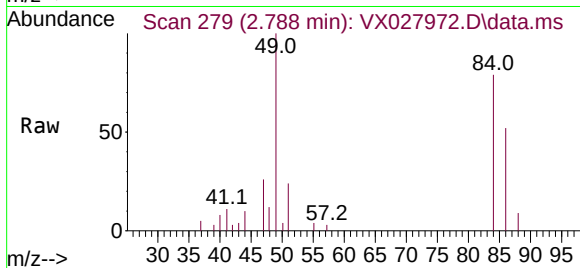
Lab File: VX027972.D

Acq: 04 Apr 2022 20:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2468

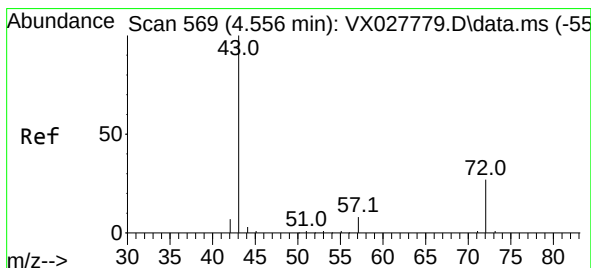
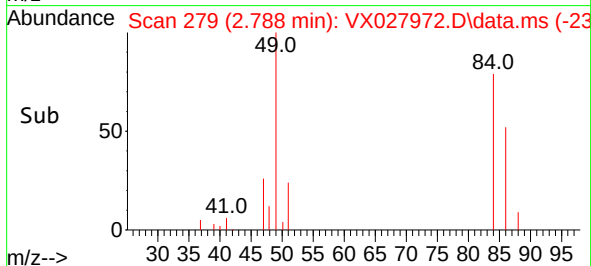
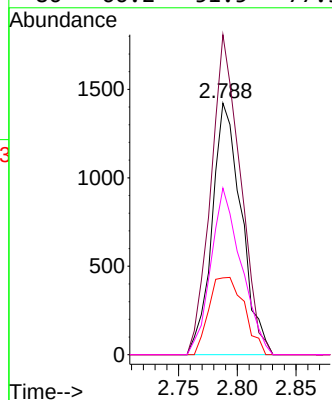
Ion Ratio Lower Upper

84 100

49 127.2 85.5 128.3

51 30.5 26.6 39.8

86 66.2 51.5 77.3



#25

2-Butanone

Concen: 1.723 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX027972.D

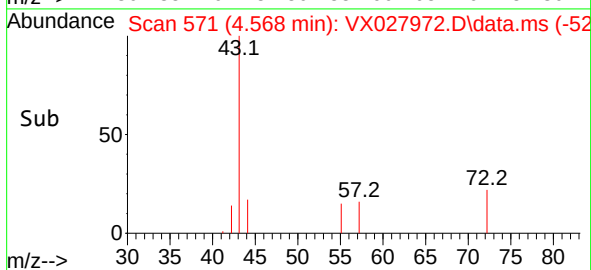
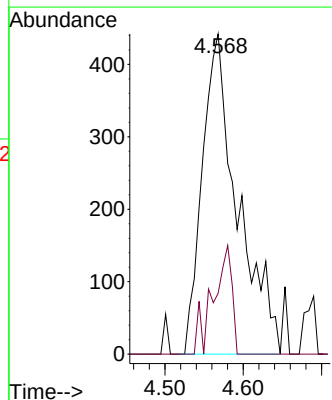
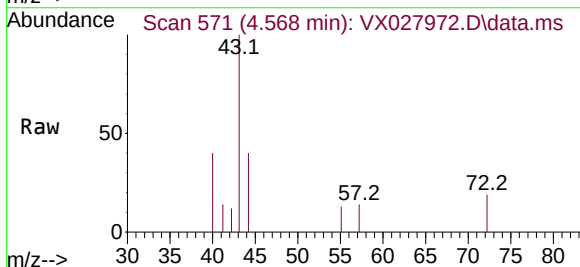
Acq: 04 Apr 2022 20:50

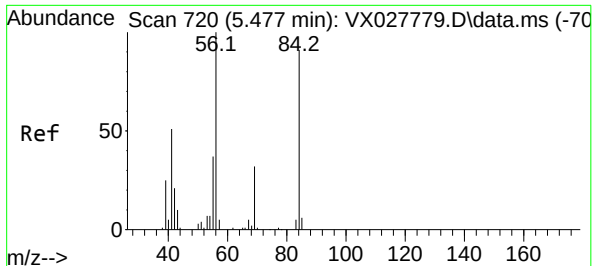
Tgt Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

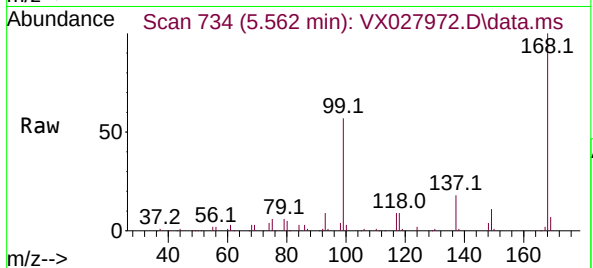
72 19.0 24.4 36.6#



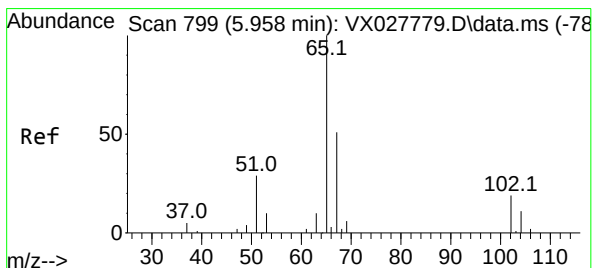
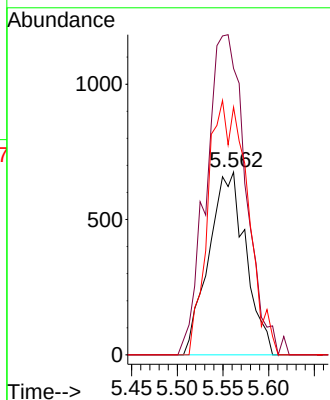
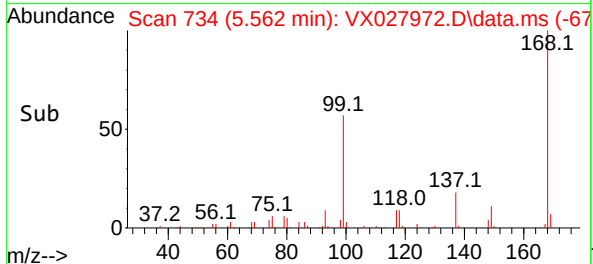


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.085 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :

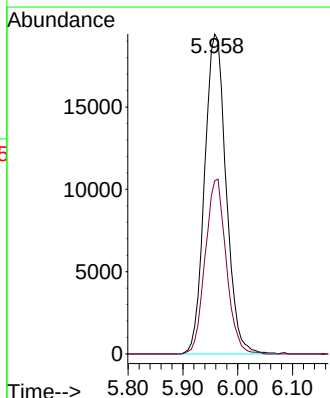
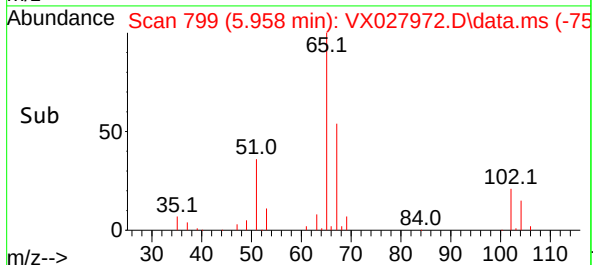
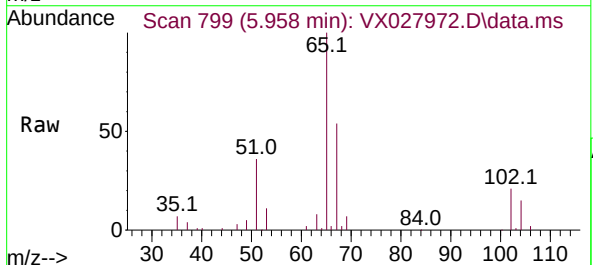


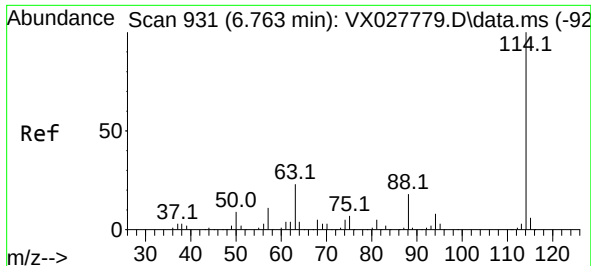
Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 156.7 26.7 40.1#
84 135.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.248 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion: 65 Resp: 52845
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

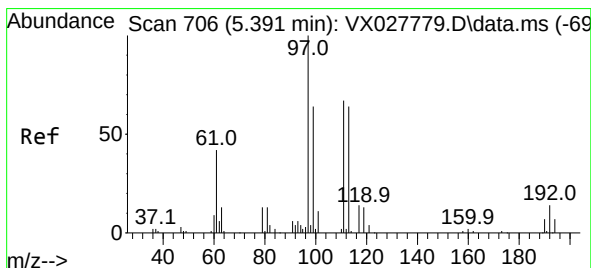
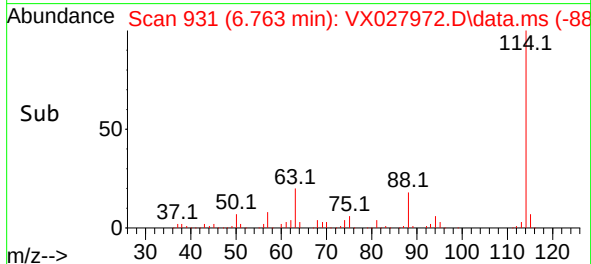
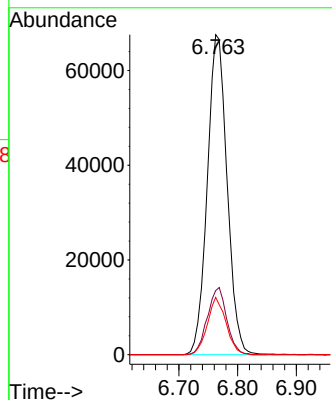
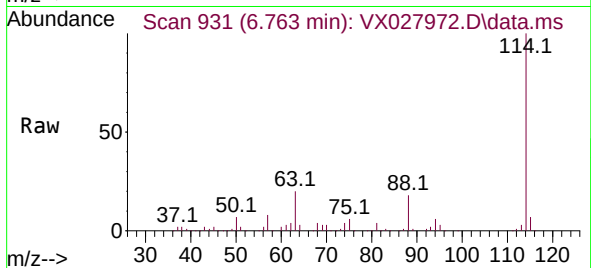




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

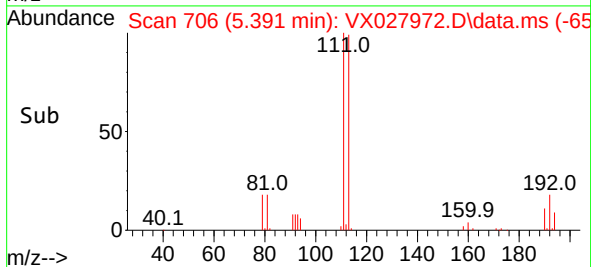
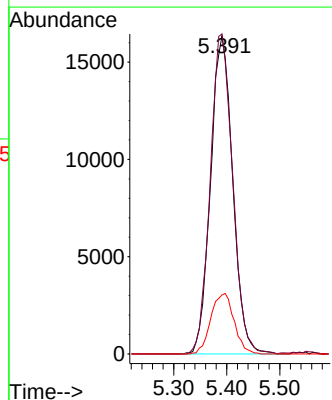
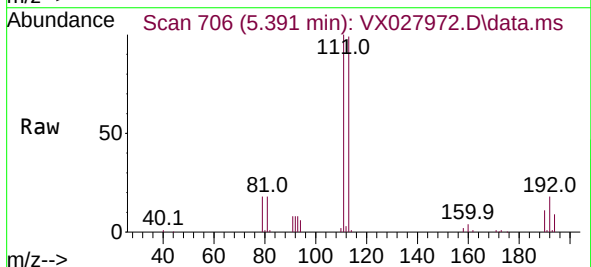
Instrument :
MSVOA_X
ClientSampleId :

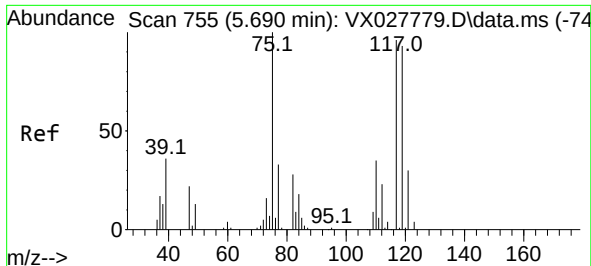
Tgt Ion:114 Resp: 158173
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 17.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.493 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion:113 Resp: 47468
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.143 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.135 min

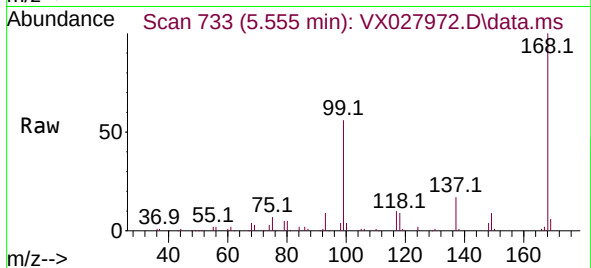
Lab File: VX027972.D

Acq: 04 Apr 2022 20:50

Instrument :

MSVOA_X

ClientSampleId :



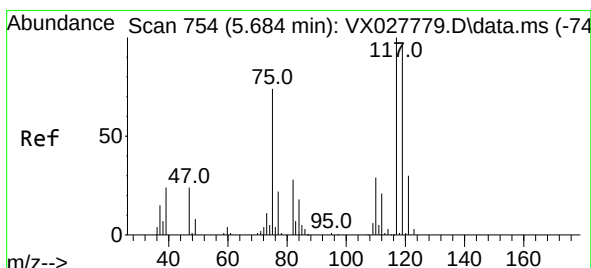
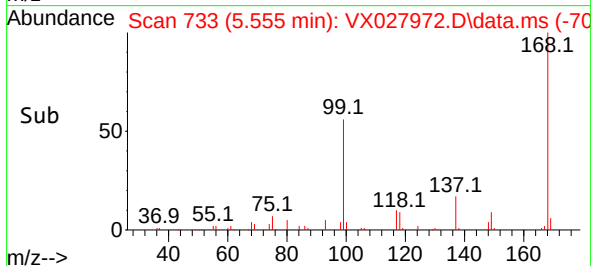
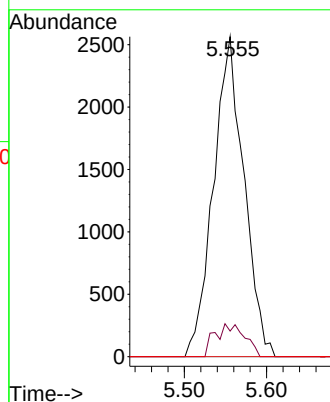
Tgt Ion: 75 Resp: 6614

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.874 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.129 min

Lab File: VX027972.D

Acq: 04 Apr 2022 20:50

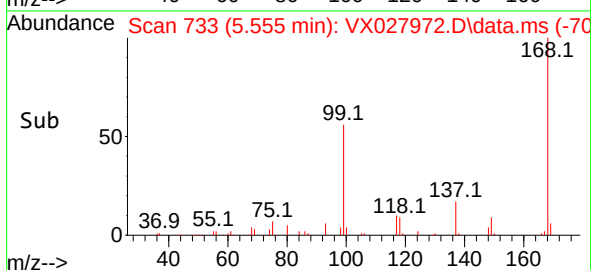
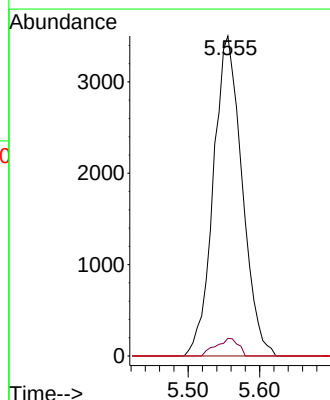
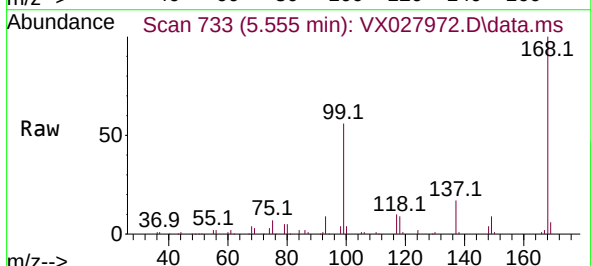
Tgt Ion: 117 Resp: 9766

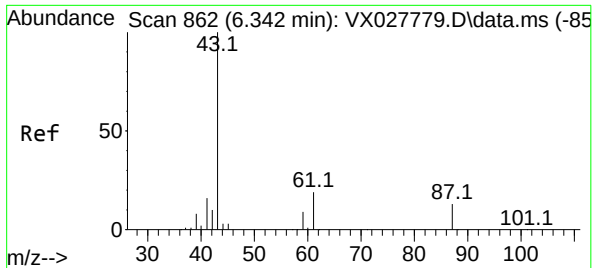
Ion Ratio Lower Upper

117 100

119 5.5 77.3 115.9#

121 0.0 24.2 36.2#

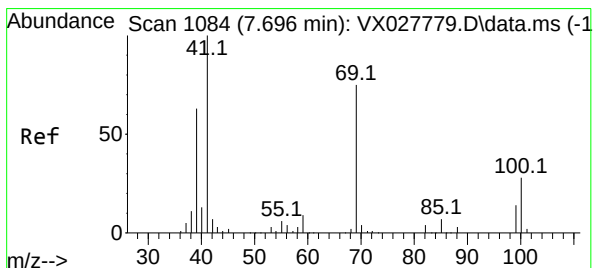
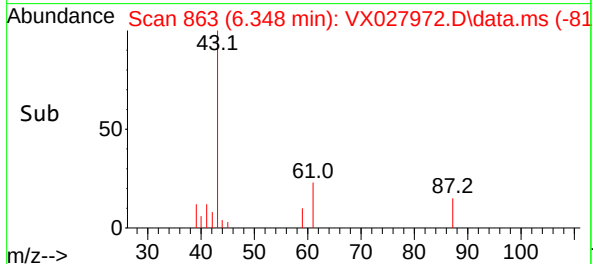
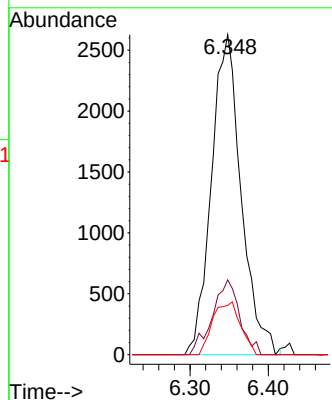
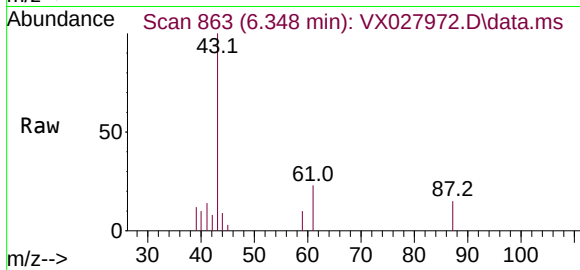




#43
Isopropyl Acetate
Concen: 2.719 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

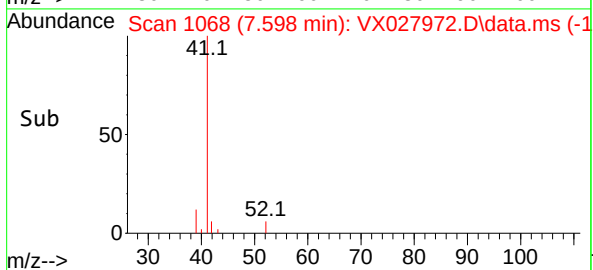
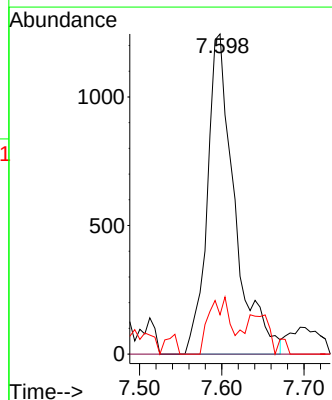
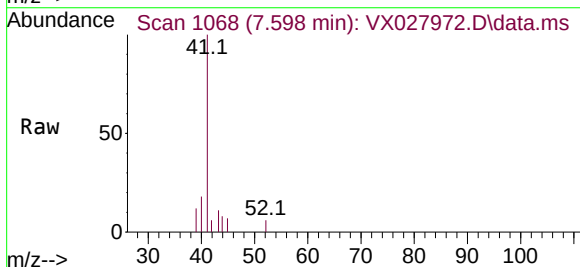
Instrument :
MSVOA_X
ClientSampleId :

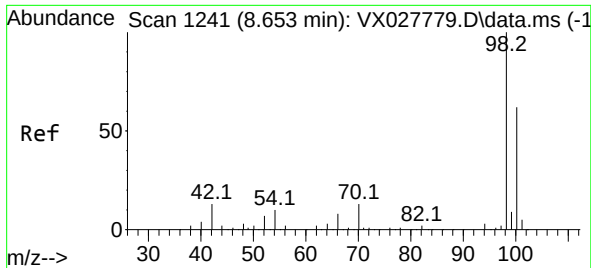
Tgt Ion: 43 Resp: 6942
Ion Ratio Lower Upper
43 100
61 21.4 18.5 27.7
87 15.4 13.0 19.6



#48
Methyl methacrylate
Concen: 2.145 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion: 41 Resp: 2872
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#

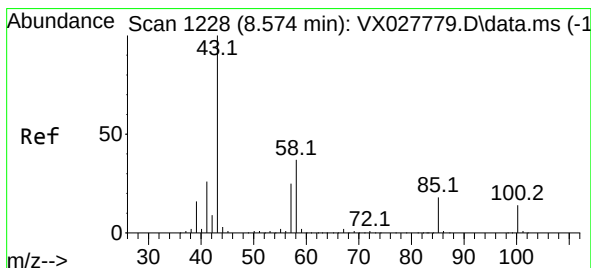
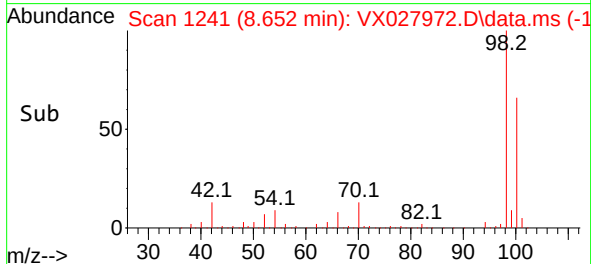
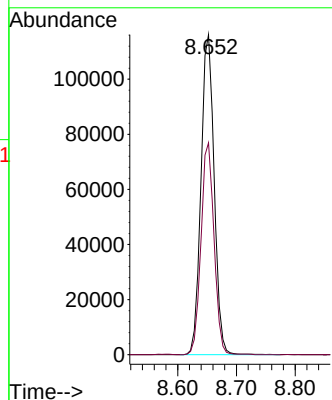
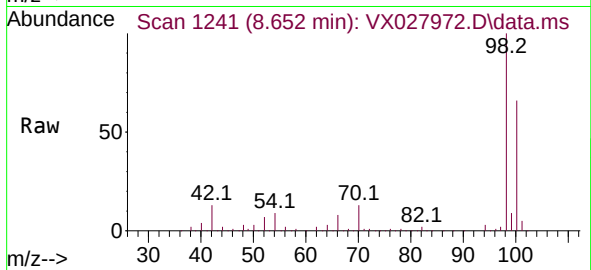




#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

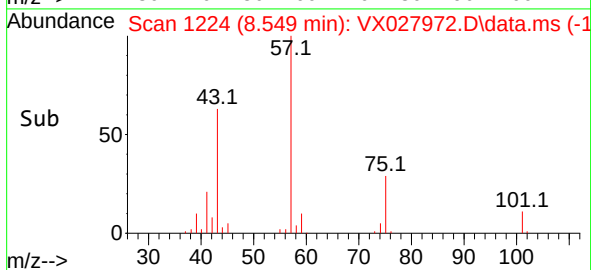
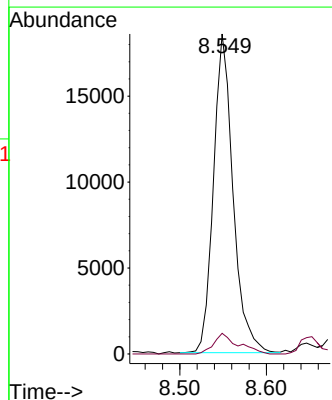
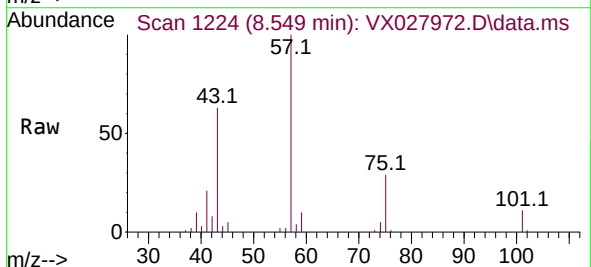
Instrument :
MSVOA_X
ClientSampleId :

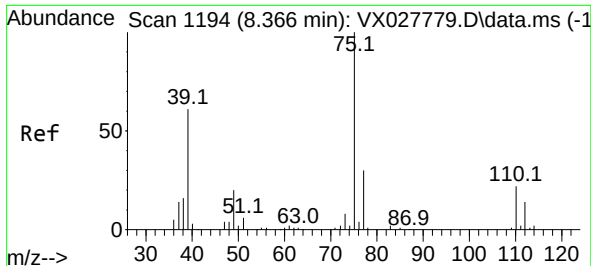
Tgt Ion: 98 Resp: 180950
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 16.447 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion: 43 Resp: 29132
Ion Ratio Lower Upper
43 100
58 8.0 36.1 54.1#

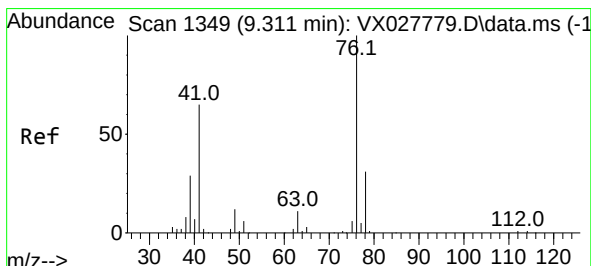
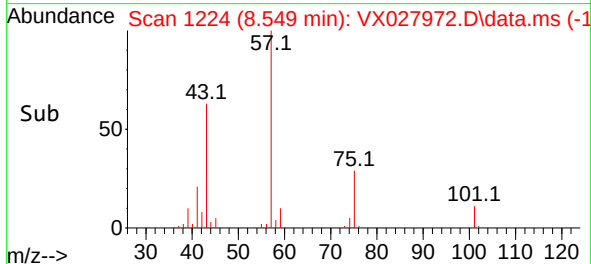
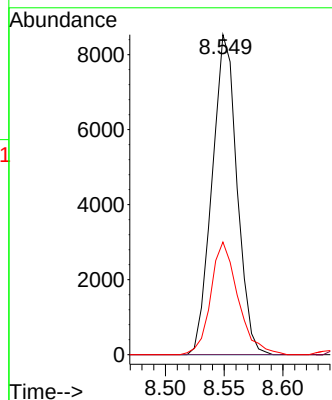
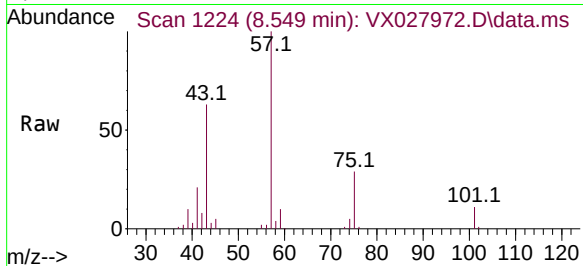




#54
 cis-1,3-Dichloropropene
 Concen: 7.608 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX027972.D
 Acq: 04 Apr 2022 20:50

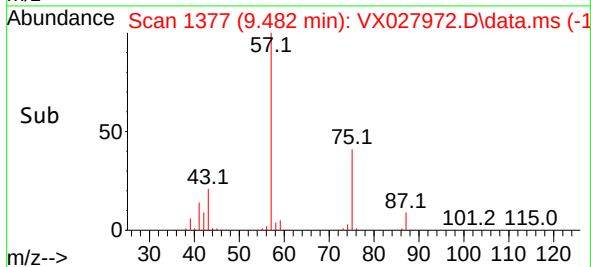
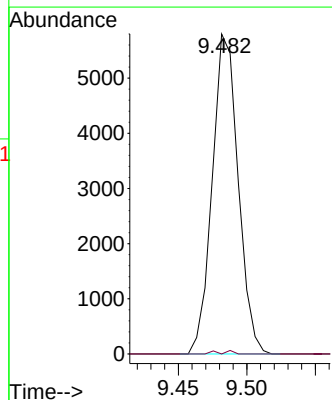
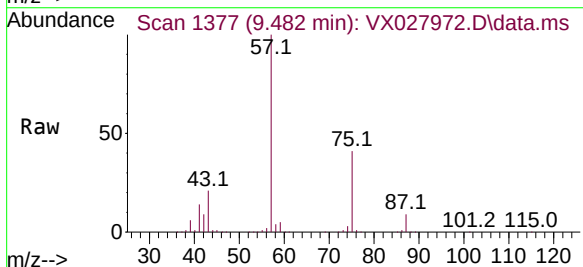
Instrument :
 MSVOA_X
 ClientSampleId :

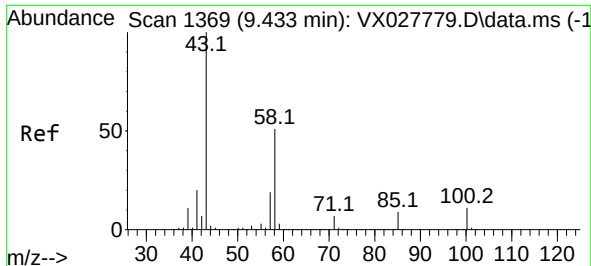
Tgt Ion: 75 Resp: 12600
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 35.2 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.159 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX027972.D
 Acq: 04 Apr 2022 20:50

Tgt Ion: 76 Resp: 7619
 Ion Ratio Lower Upper
 76 100
 78 0.3 25.8 38.8#





#59

2-Hexanone

Concen: 81.858 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX027972.D

Acq: 04 Apr 2022 20:50

Instrument :

MSVOA_X

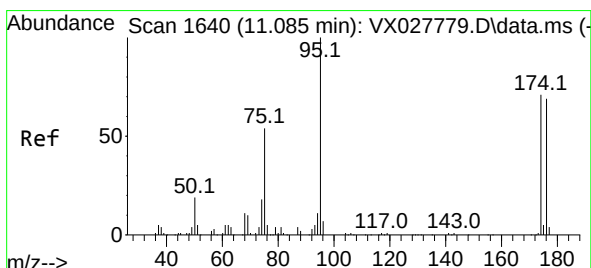
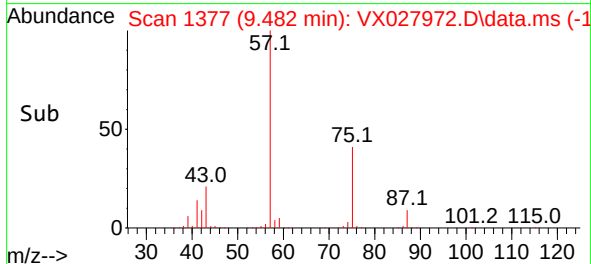
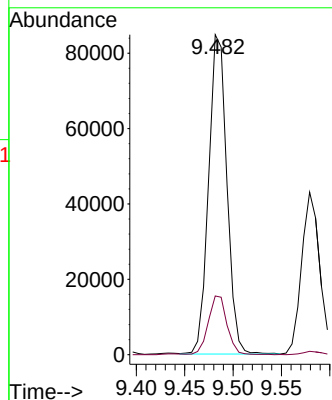
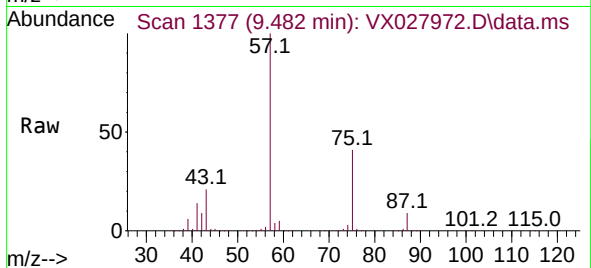
ClientSampleId :

Tgt Ion: 43 Resp: 111642

Ion Ratio Lower Upper

43 100

58 18.8 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 45.073 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX027972.D

Acq: 04 Apr 2022 20:50

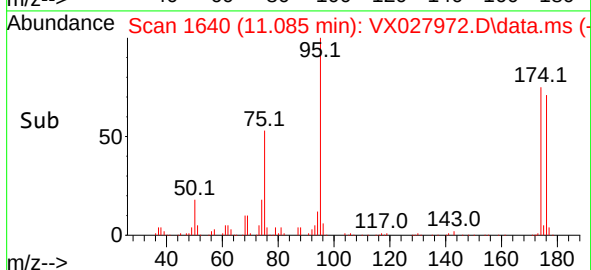
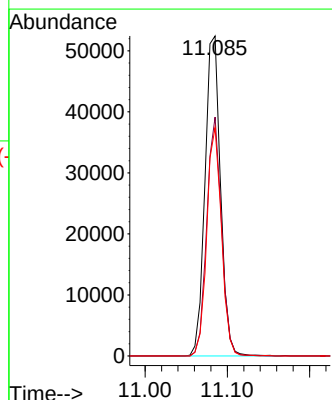
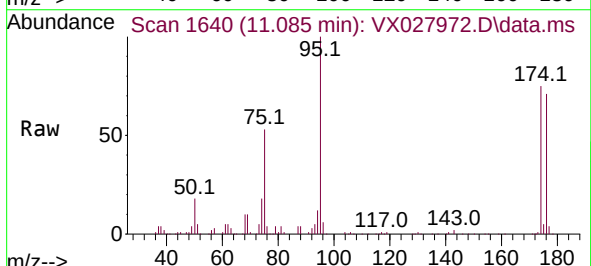
Tgt Ion: 95 Resp: 68807

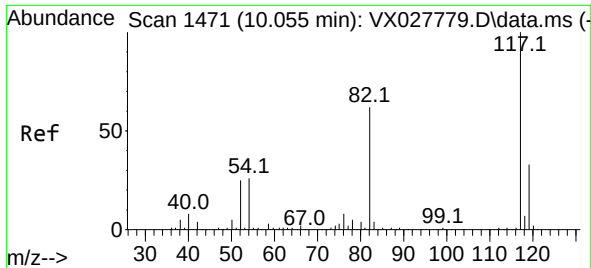
Ion Ratio Lower Upper

95 100

174 71.0 0.0 163.0

176 67.4 0.0 155.0

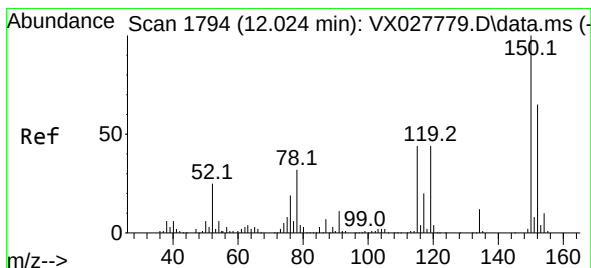
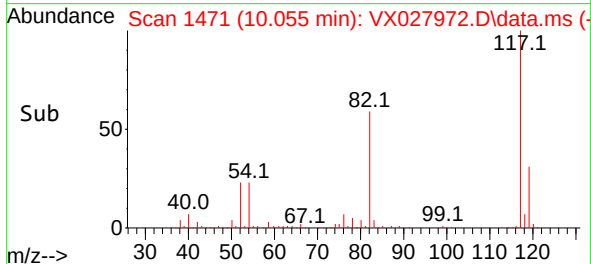
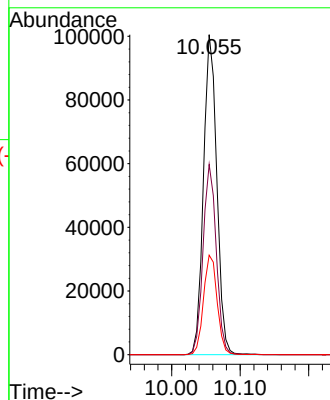
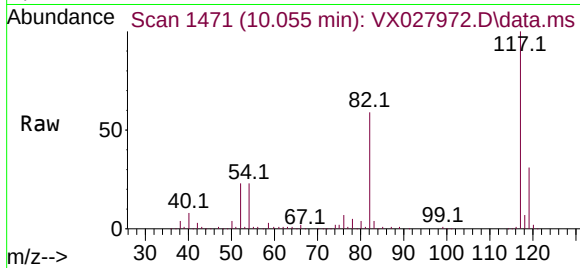




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

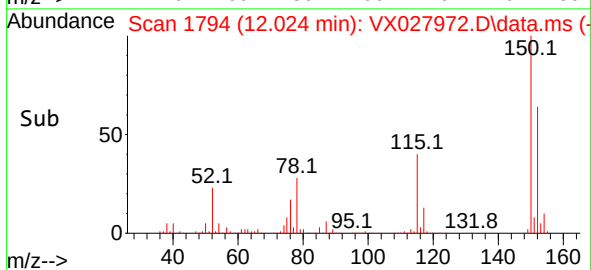
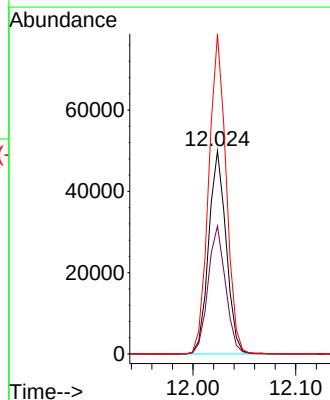
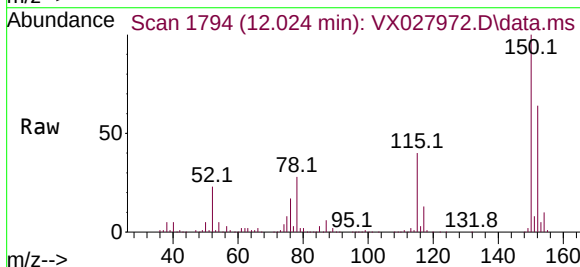
Instrument :
MSVOA_X
ClientSampleId :

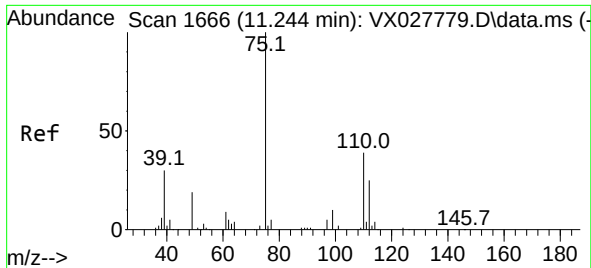
Tgt Ion:117 Resp: 136176
Ion Ratio Lower Upper
117 100
82 59.5 41.8 62.8
119 31.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion:152 Resp: 58900
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 157.4 0.0 338.2

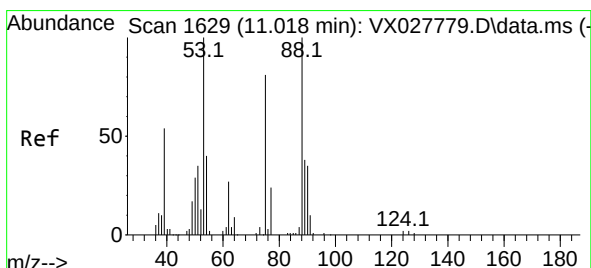
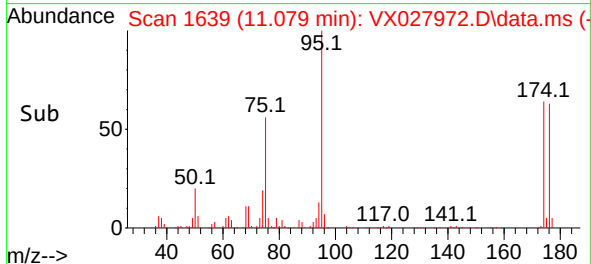
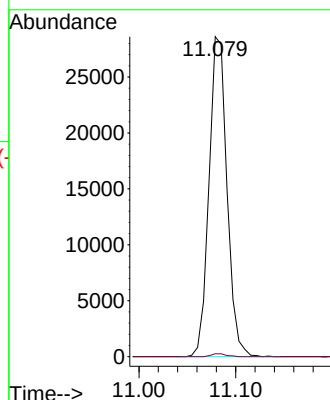
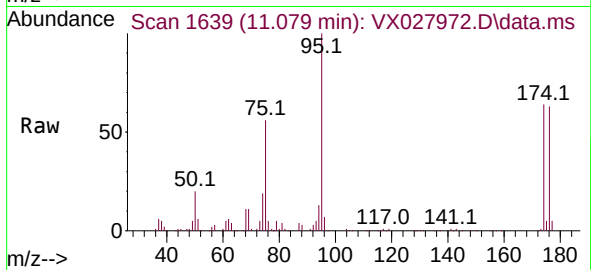




#76
1,2,3-Trichloropropane
Concen: 26.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37046
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027972.D
Acq: 04 Apr 2022 20:50

Tgt Ion: 75 Resp: 37046
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

