

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027960.D
 Acq On : 04 Apr 2022 16:11
 Operator : JC/MD
 Sample : N2237-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:51:06 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)

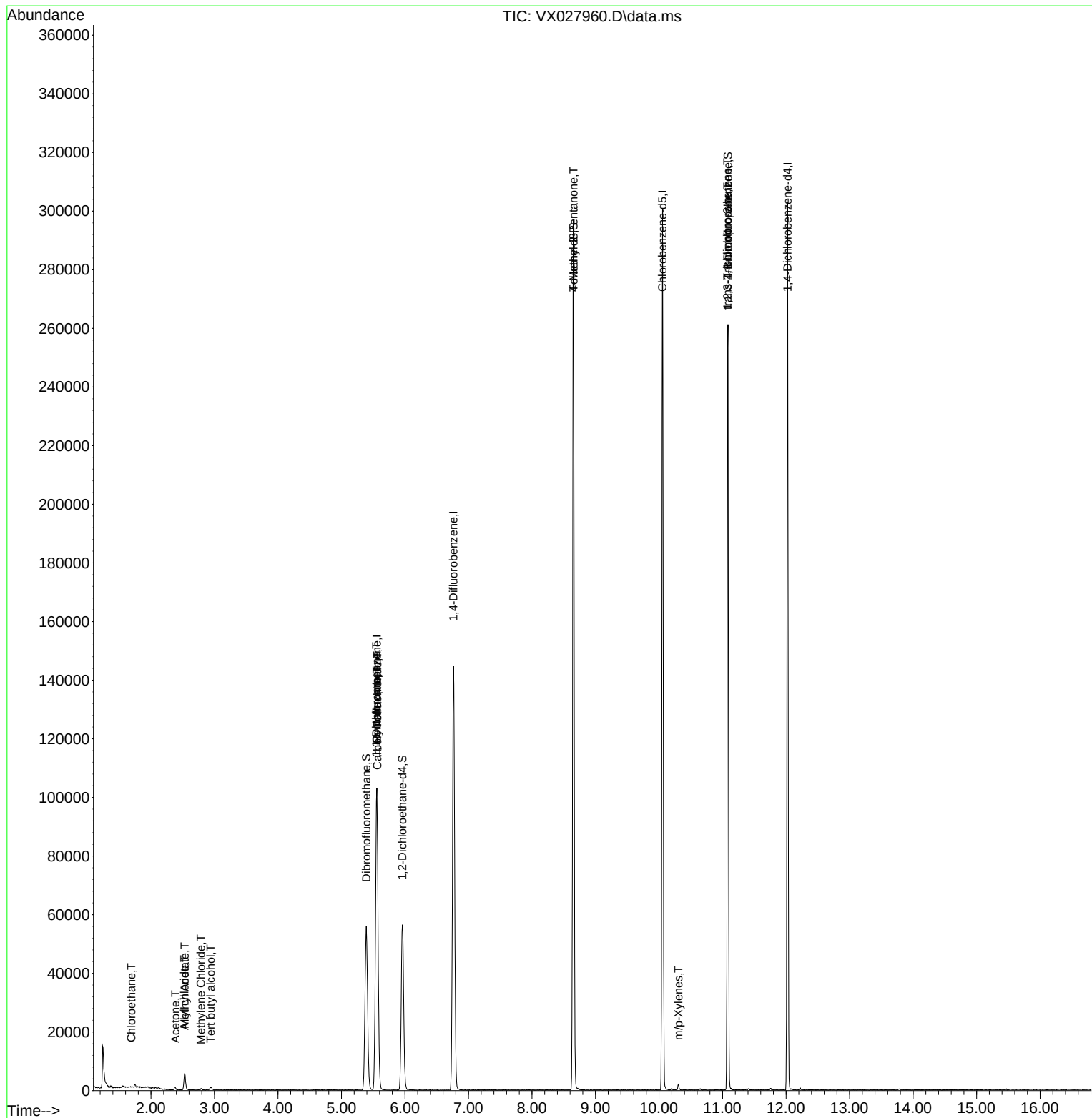
Internal Standards						
1) Pentafluorobenzene	5.556	168	94364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	153498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56703	46.571	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	48117	48.564	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.120%
50) Toluene-d8	8.653	98	171766	49.272	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.085	95	72978	49.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.520%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	156	0.299	ug/l	# 43
11) Tert butyl alcohol	2.940	59	727	3.108	ug/l	# 72
14) Allyl chloride	2.526	41	552	0.371	ug/l	# 52
16) Acetone	2.386	43	1193	2.214	ug/l	# 70
18) Methyl Acetate	2.532	43	1652	1.244	ug/l	# 46
20) Methylene Chloride	2.788	84	230	0.237	ug/l	# 61
31) Cyclohexane	5.556	56	2078	1.544	ug/l	# 4
36) 1,1-Dichloropropene	5.550	75	7726	6.191	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	9785	7.097	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	733	0.426	ug/l	# 1
68) m/p-Xylenes	10.305	106	566	0.343	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	39594	30.392	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	39594	88.481	ug/l	# 15

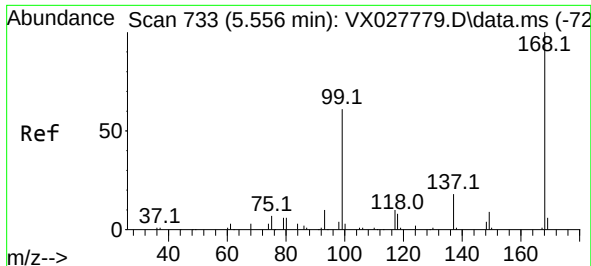
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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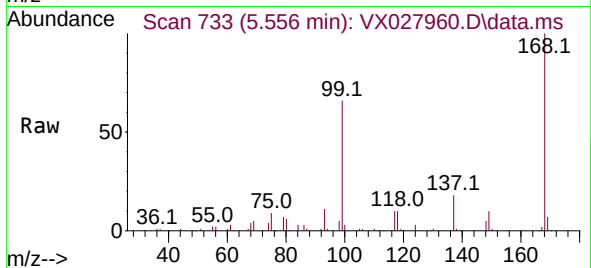
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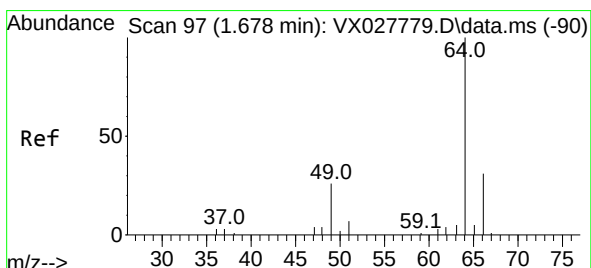
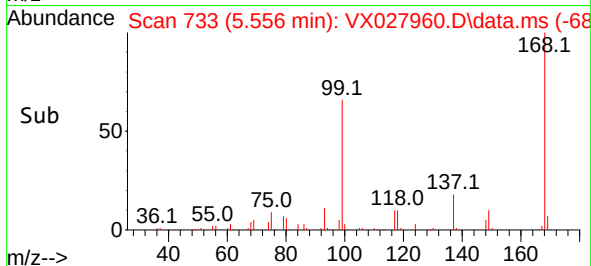
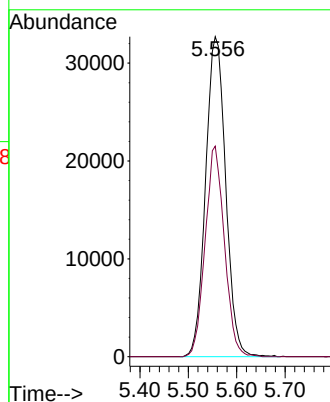


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

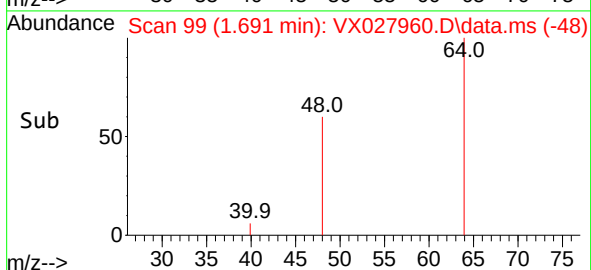
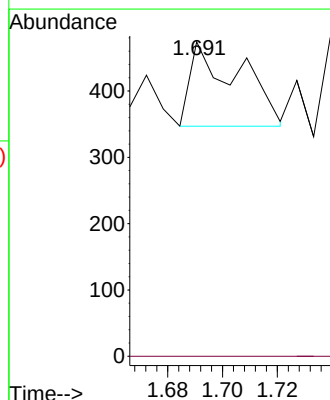
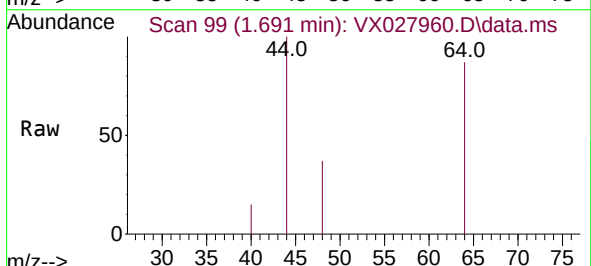


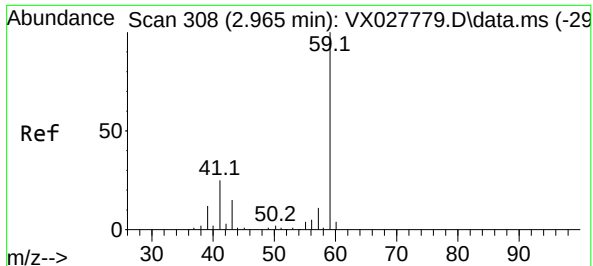
Tgt Ion:168 Resp: 94364
Ion Ratio Lower Upper
168 100
99 65.8 41.7 62.5#



#6
Chloroethane
Concen: 0.299 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

Tgt Ion: 64 Resp: 156
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 3.108 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

Instrument :

MSVOA_X

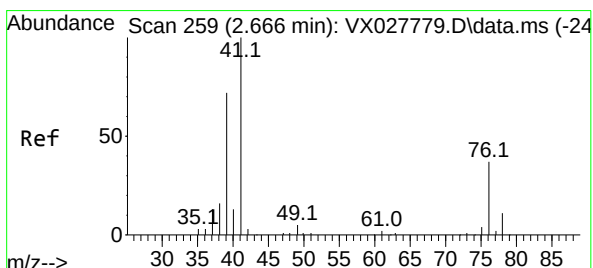
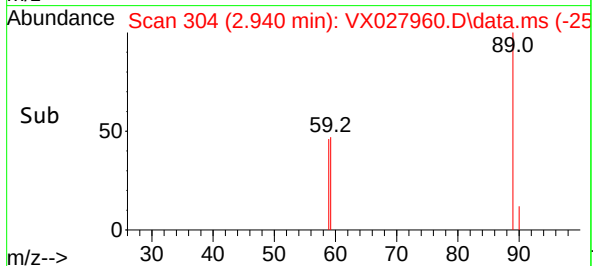
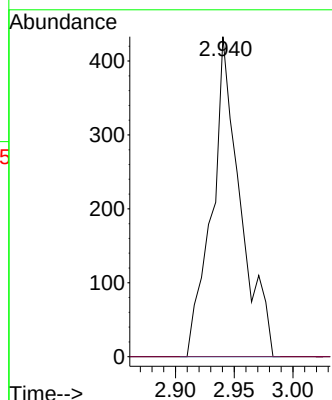
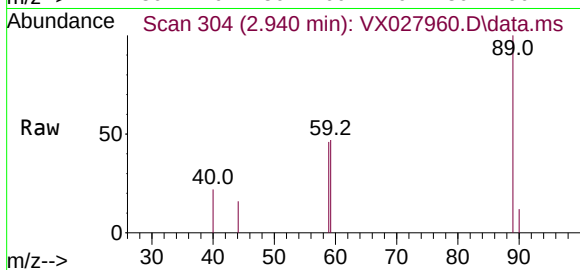
ClientSampleId :

Tgt Ion: 59 Resp: 727

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.371 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

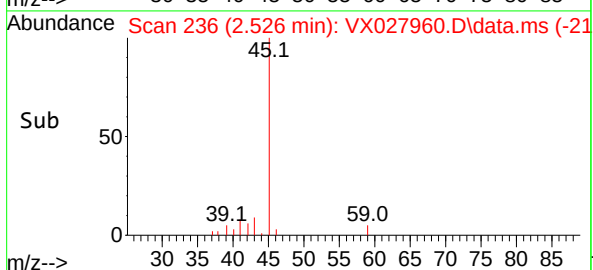
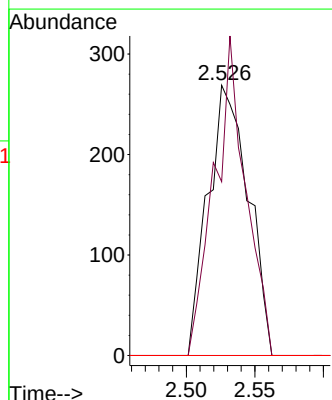
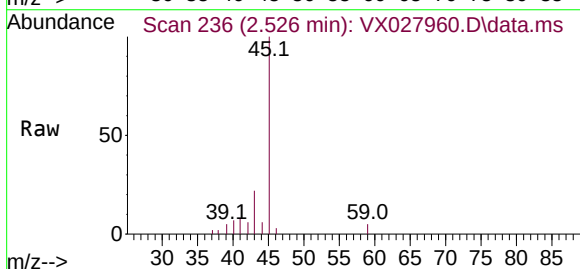
Tgt Ion: 41 Resp: 552

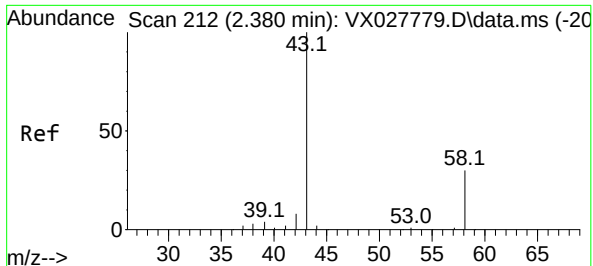
Ion Ratio Lower Upper

41 100

39 91.8 50.4 75.6#

76 0.0 32.7 49.1#

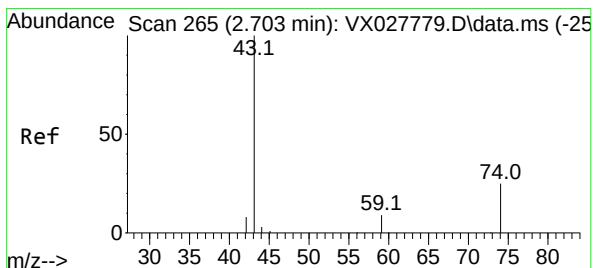
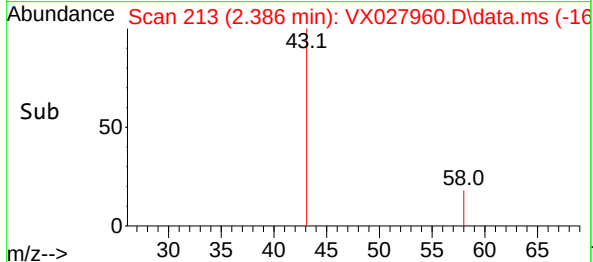
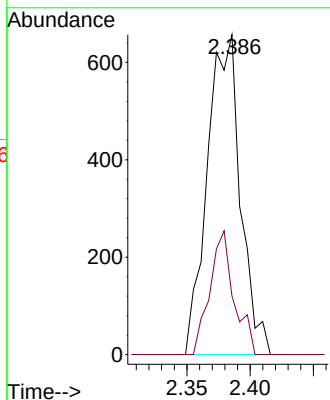
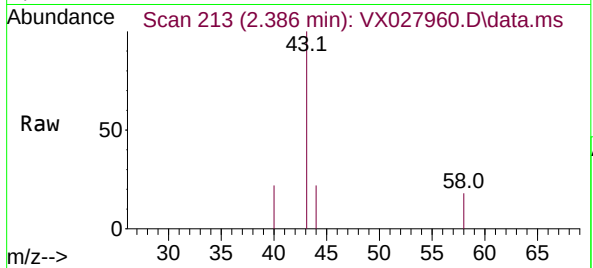




#16
Acetone
Concen: 2.214 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

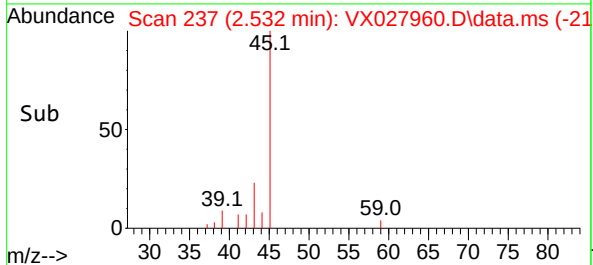
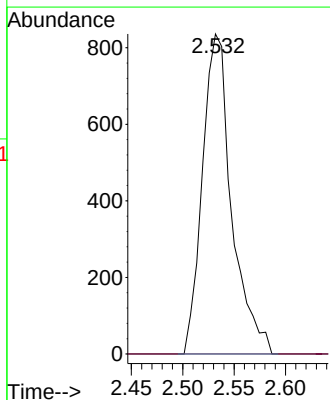
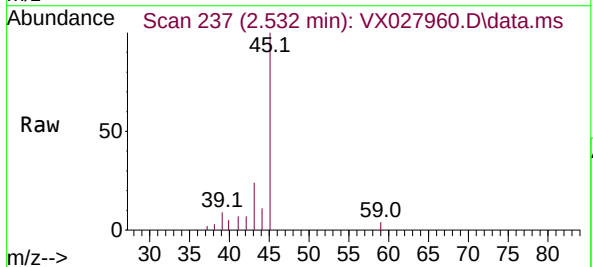
Instrument :
MSVOA_X
ClientSampleId :

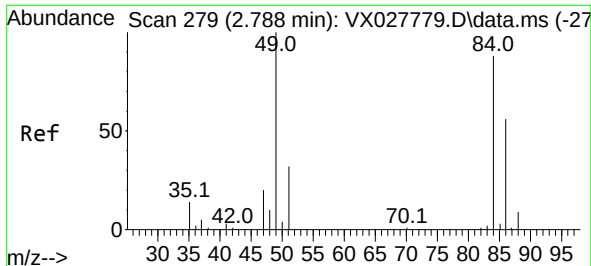
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 18.3 28.8 43.2#



#18
Methyl Acetate
Concen: 1.244 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

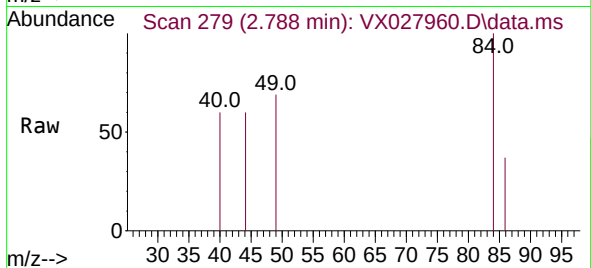
Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



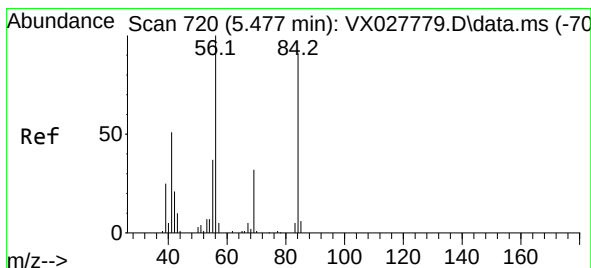
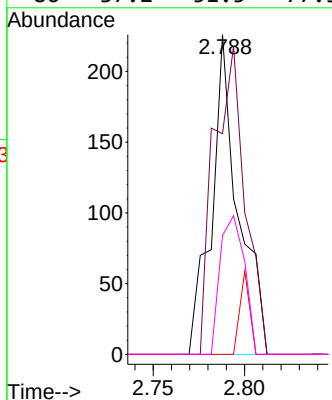


#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

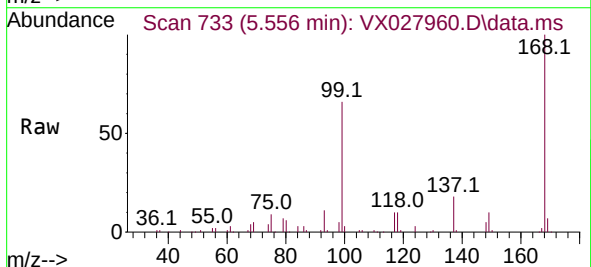
Instrument :
MSVOA_X
ClientSampleId :



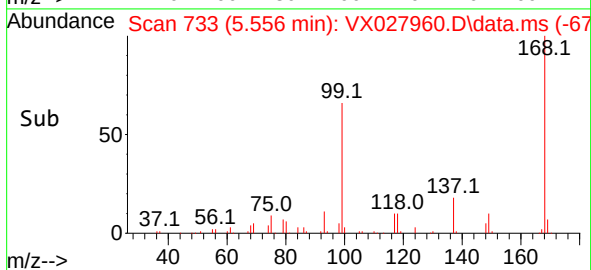
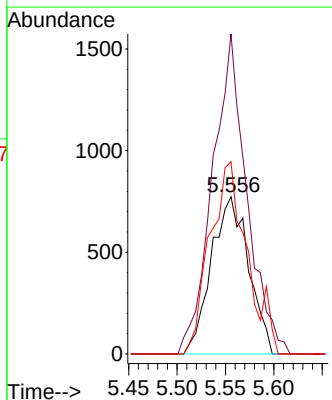
Tgt Ion:	84	Resp:	230
Ion	Ratio	Lower	Upper
84	100		
49	69.0	85.5	128.3#
51	0.0	26.6	39.8#
86	37.2	51.5	77.3#

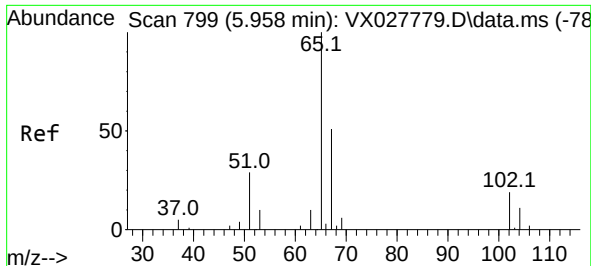


#31
Cyclohexane
Concen: 1.544 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11



Tgt Ion:	56	Resp:	2078
Ion	Ratio	Lower	Upper
56	100		
69	203.4	26.7	40.1#
84	122.2	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

Instrument :

MSVOA_X

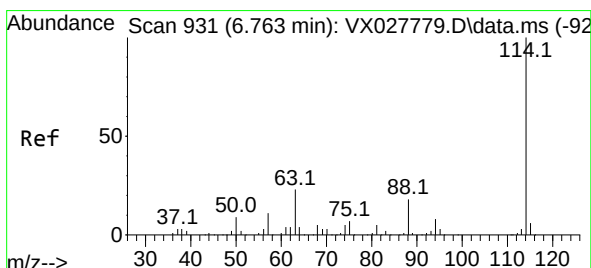
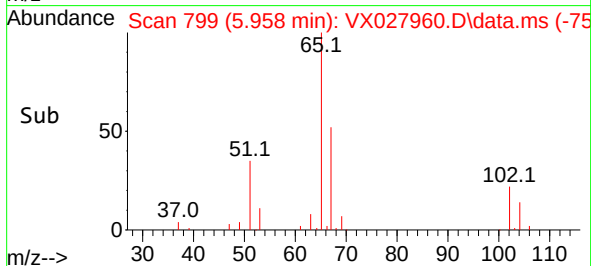
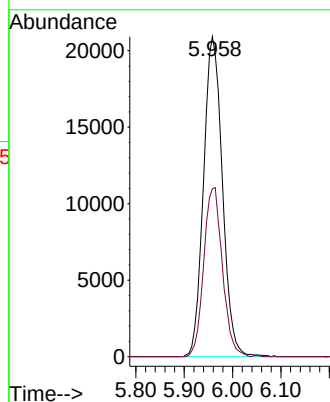
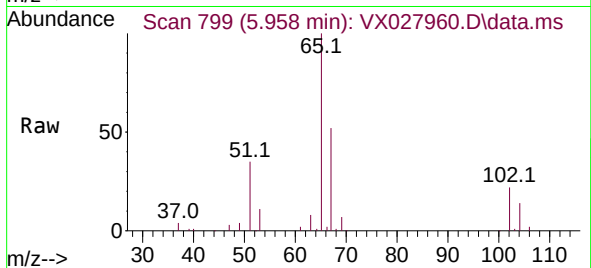
ClientSampleId :

Tgt Ion: 65 Resp: 56703

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

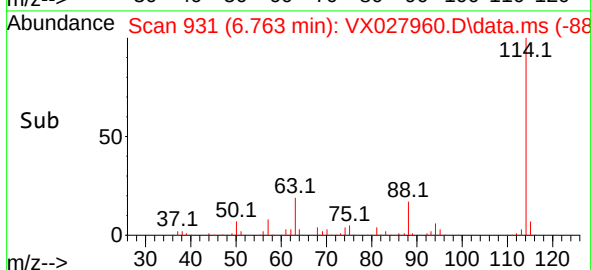
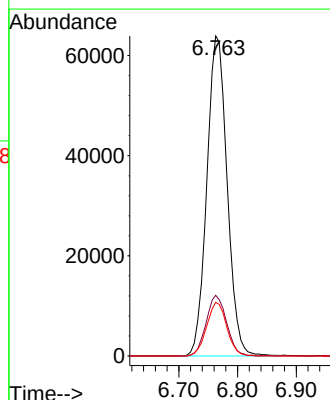
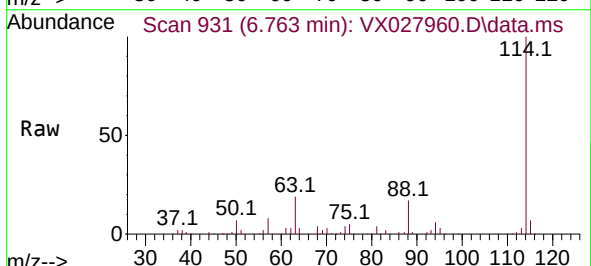
Tgt Ion: 114 Resp: 153498

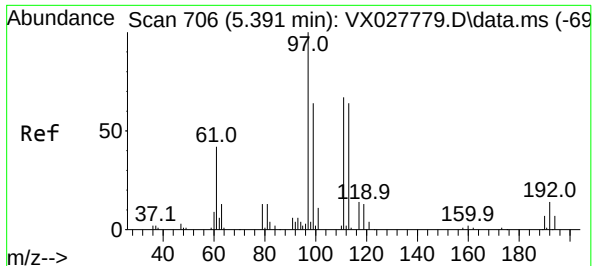
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.564 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

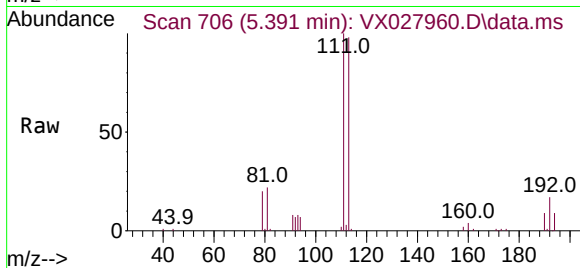
Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :



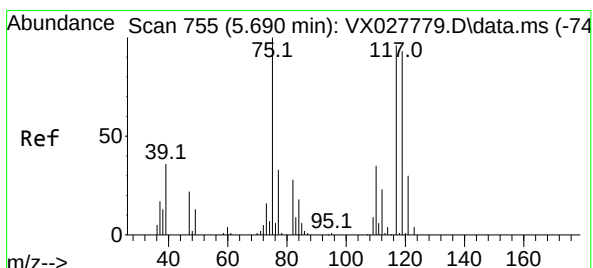
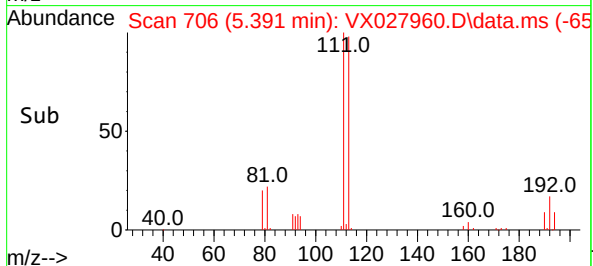
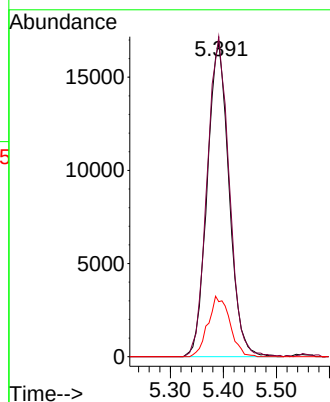
Tgt Ion:113 Resp: 48117

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.191 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

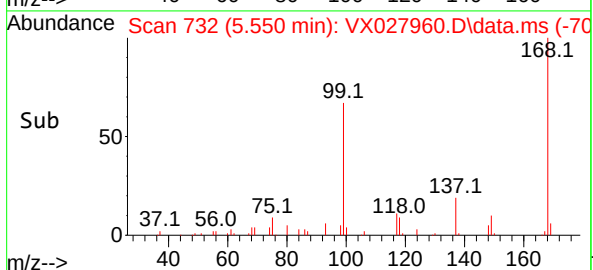
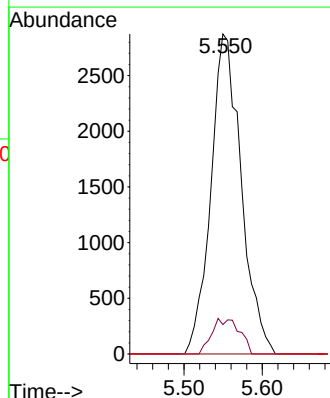
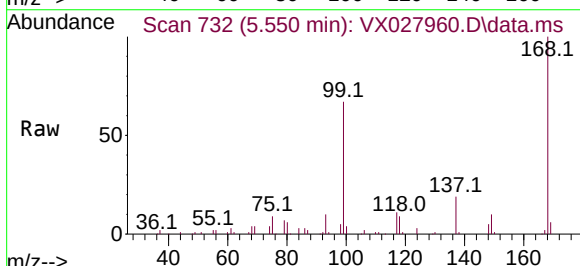
Tgt Ion: 75 Resp: 7726

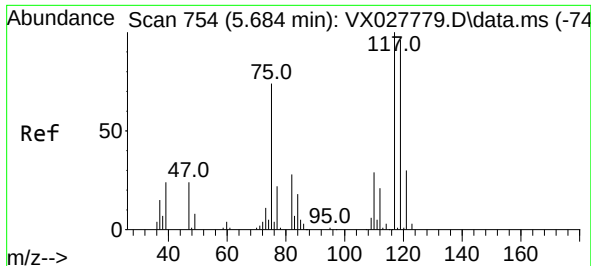
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

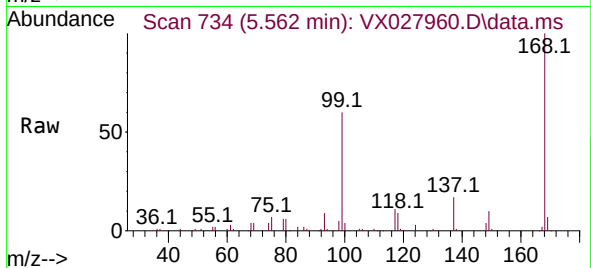
77 0.0 24.8 37.2#



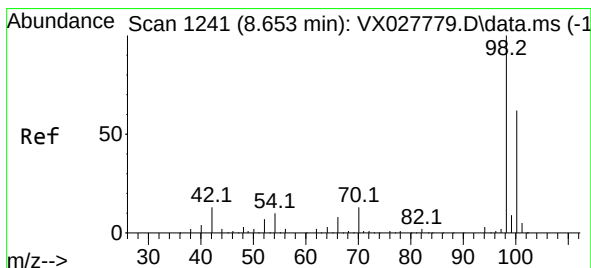
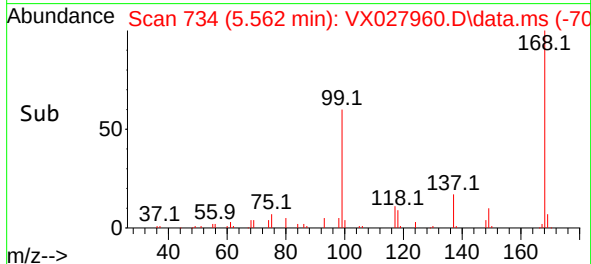
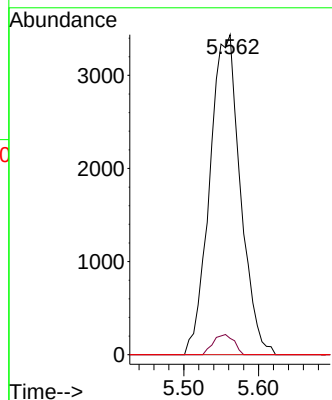


#38
Carbon Tetrachloride
Concen: 7.097 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

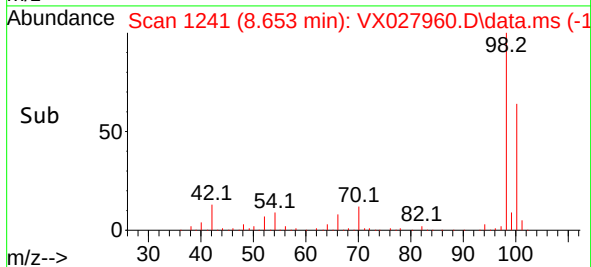
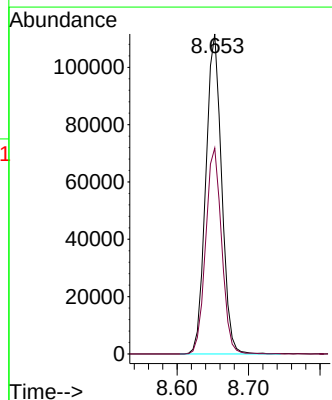
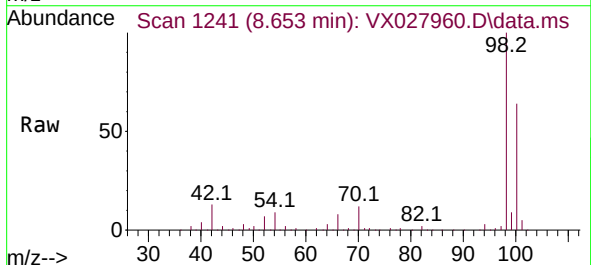


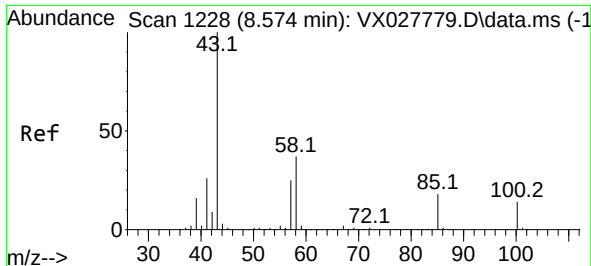
Tgt Ion:117 Resp: 9785
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.272 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

Tgt Ion: 98 Resp: 171766
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.426 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

Instrument :

MSVOA_X

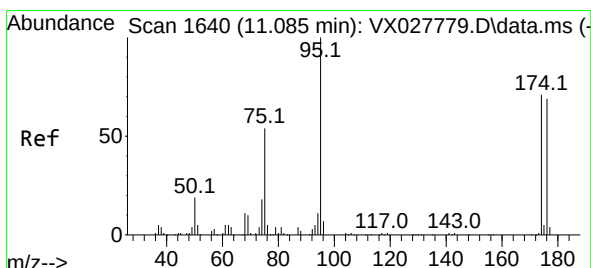
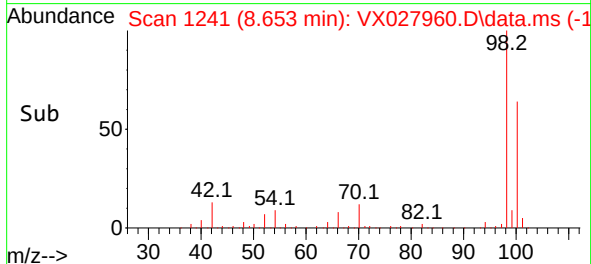
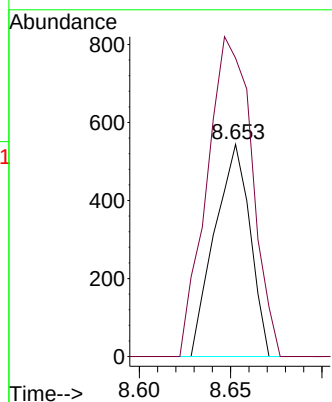
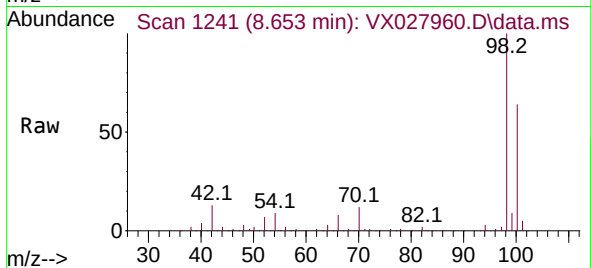
ClientSampleId :

Tgt Ion: 43 Resp: 733

Ion Ratio Lower Upper

43 100

58 191.7 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 49.261 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027960.D

Acq: 04 Apr 2022 16:11

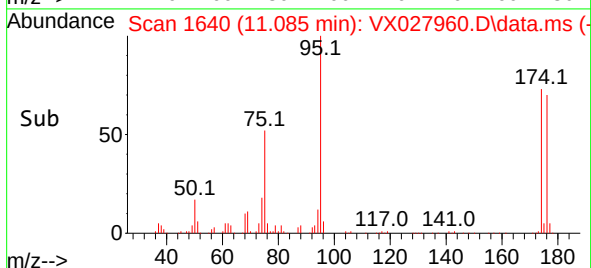
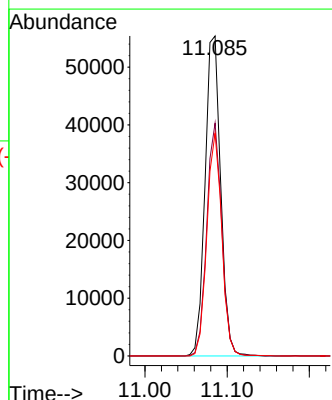
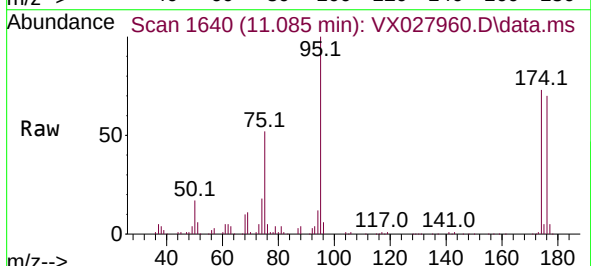
Tgt Ion: 95 Resp: 72978

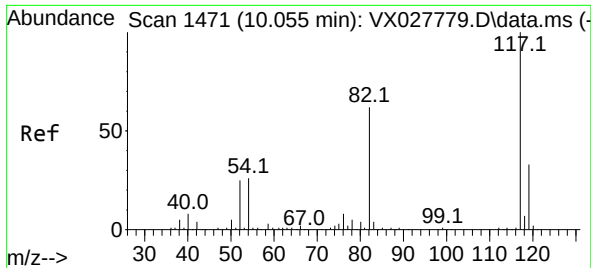
Ion Ratio Lower Upper

95 100

174 70.1 0.0 163.0

176 66.5 0.0 155.0

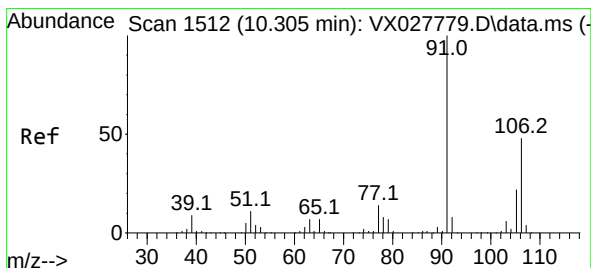
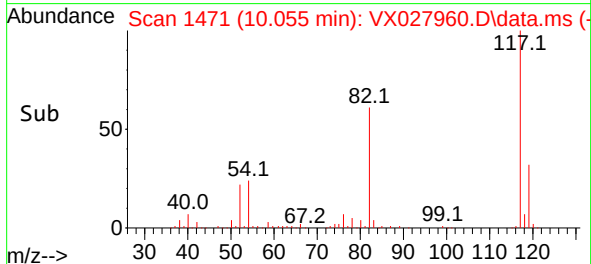
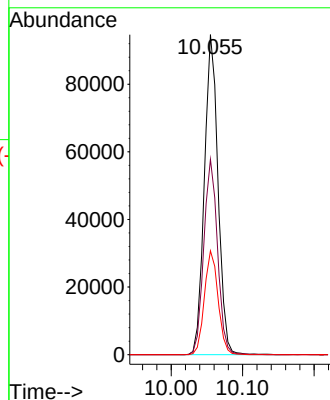
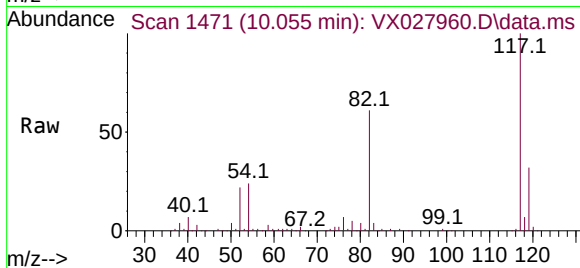




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

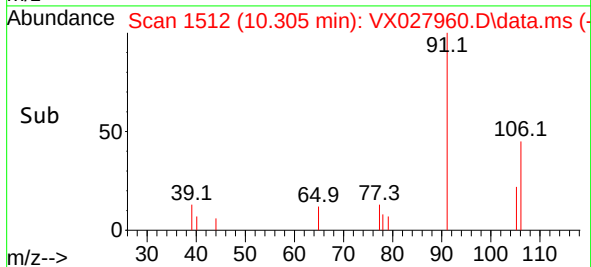
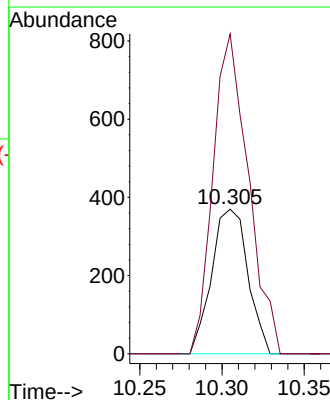
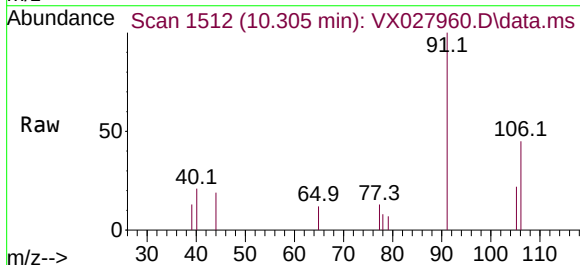
Instrument :
MSVOA_X
ClientSampleId :

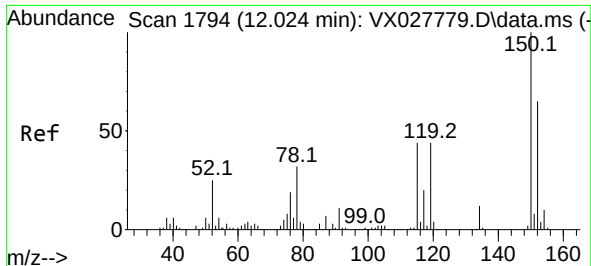
Tgt Ion:117 Resp: 125730
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 32.5 24.8 37.2



#68
m/p-Xylenes
Concen: 0.343 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

Tgt Ion:106 Resp: 566
Ion Ratio Lower Upper
106 100
91 215.9 160.4 240.6

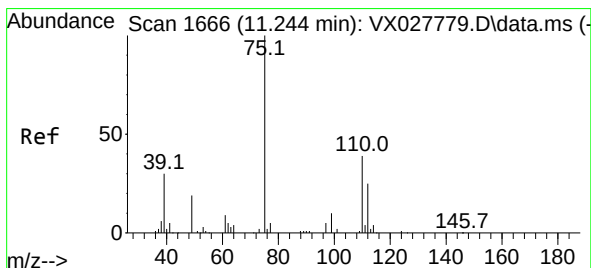
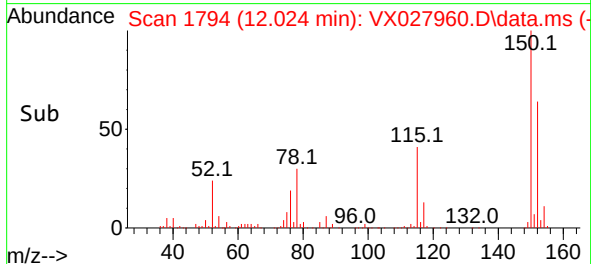
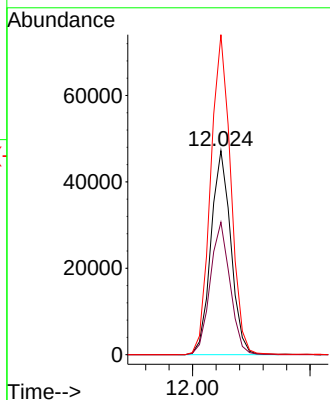
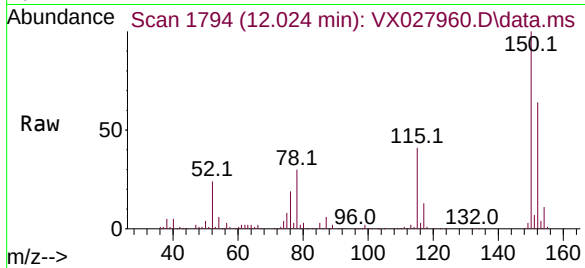




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

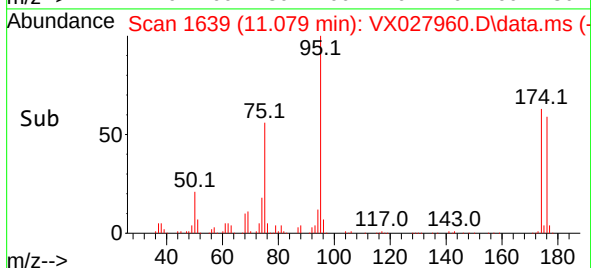
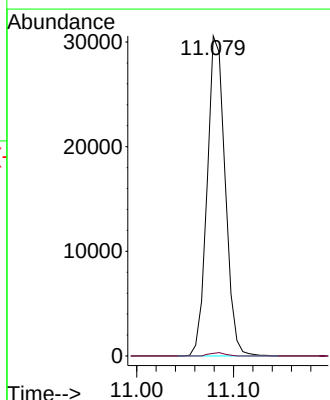
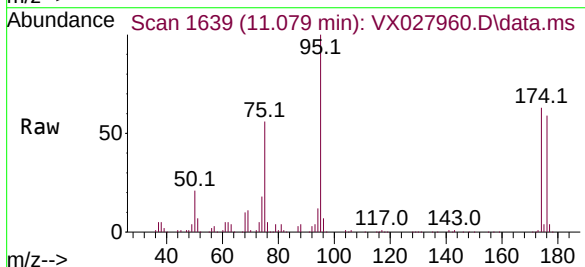
Instrument :
MSVOA_X
ClientSampleId :

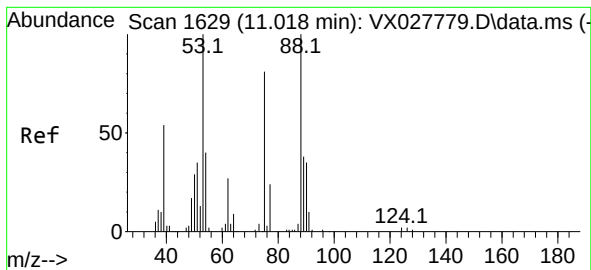
Tgt Ion:152 Resp: 55535
Ion Ratio Lower Upper
152 100
115 64.6 37.5 112.7
150 158.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 30.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027960.D
Acq: 04 Apr 2022 16:11

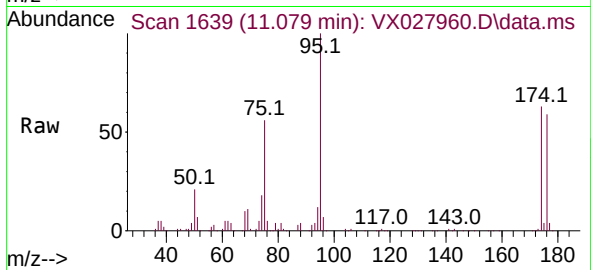
Tgt Ion: 75 Resp: 39594
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.481 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027960.D
 Acq: 04 Apr 2022 16:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39594
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

