

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027949.D
 Acq On : 04 Apr 2022 11:07
 Operator : JC/MD
 Sample : VX0404WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:46:25 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)

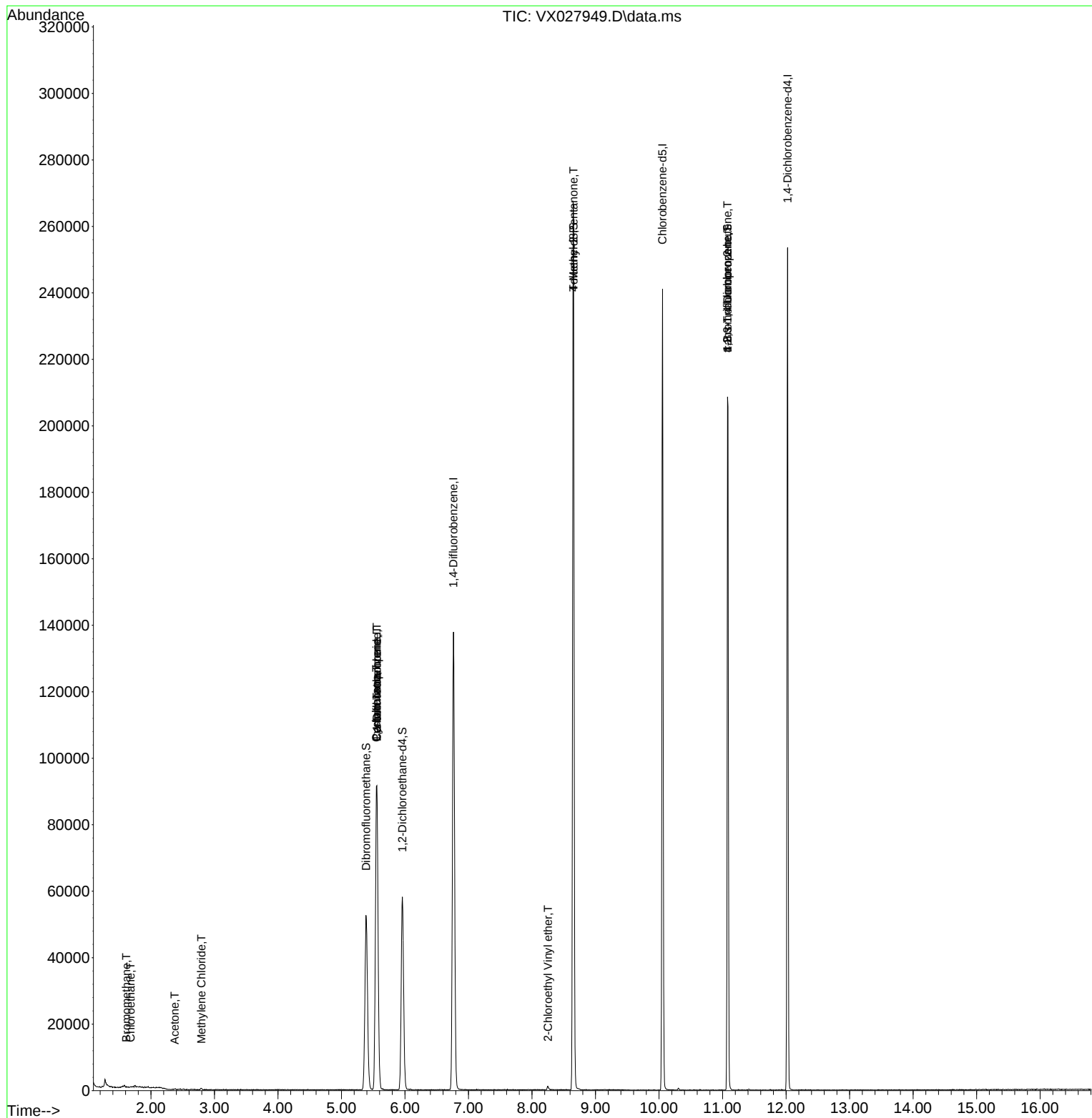
Internal Standards						
1) Pentafluorobenzene	5.556	168	83088	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58872	54.915	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.820%	
35) Dibromofluoromethane	5.385	113	44759	51.249	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.500%	
50) Toluene-d8	8.653	98	158893	51.708	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	11.079	95	58797	45.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	92	0.299	ug/l	97
6) Chloroethane	1.678	64	504	1.096	ug/l	# 43
16) Acetone	2.373	43	354	0.746	ug/l	# 39
20) Methylene Chloride	2.794	84	232	0.272	ug/l	# 84
31) Cyclohexane	5.550	56	1840	1.553	ug/l	# 26
36) 1,1-Dichloropropene	5.556	75	6983	6.348	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9202	7.572	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	634	0.418	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.250	63	505	0.686	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	28542	22.775	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	28542	67.182	ug/l	# 15

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

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Quant Title : SW846 8260
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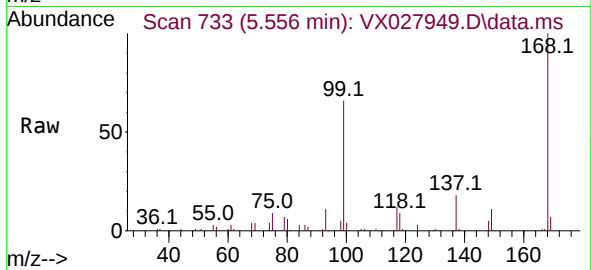


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

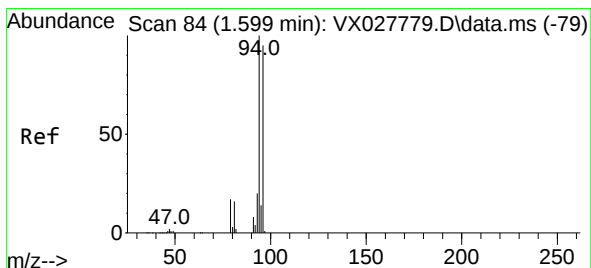
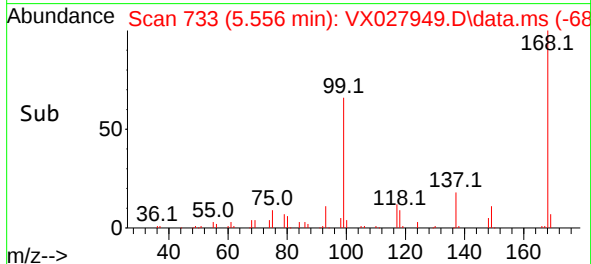
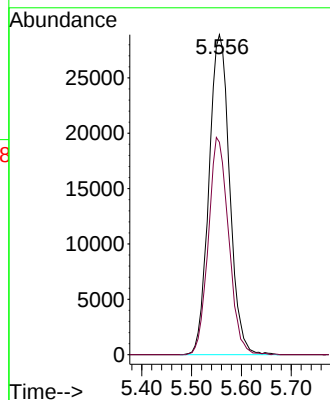
Instrument :

MSVOA_X

ClientSampleId :

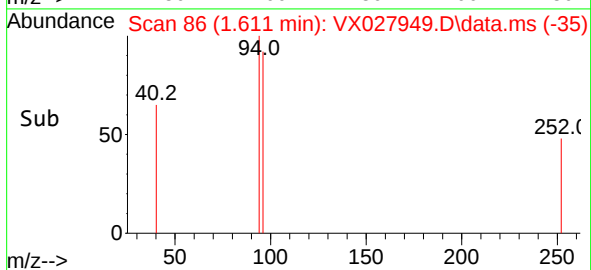
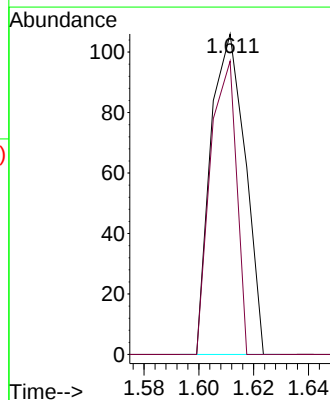
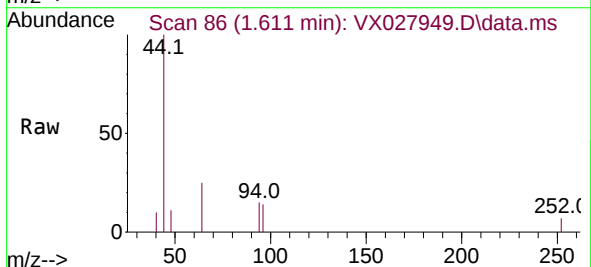


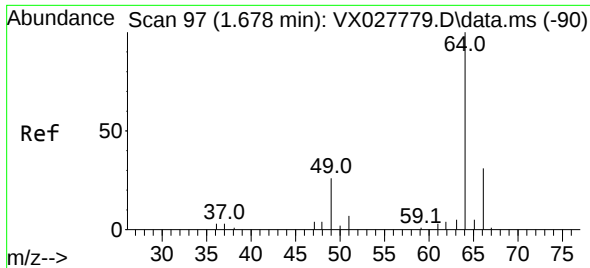
Tgt Ion:168 Resp: 83088
Ion Ratio Lower Upper
168 100
99 66.4 41.7 62.5#



#5
Bromomethane
Concen: 0.299 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

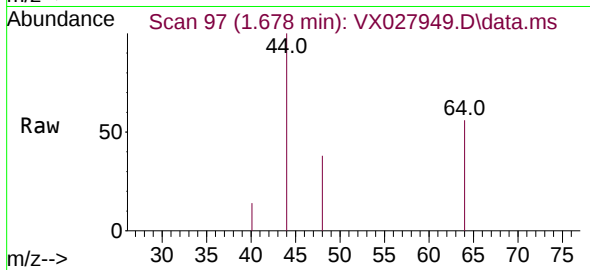
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 91.5 75.3 112.9



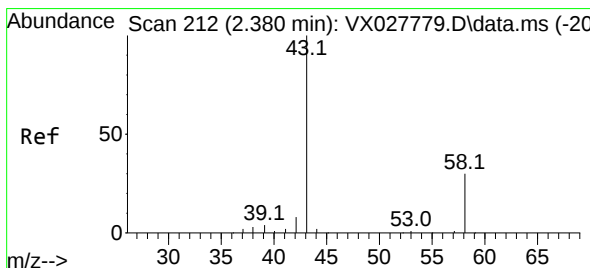
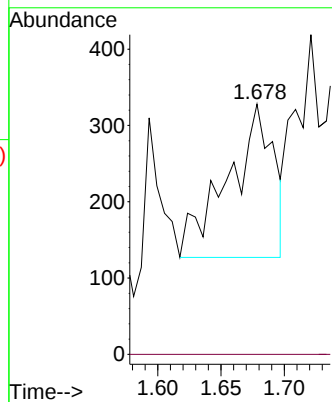
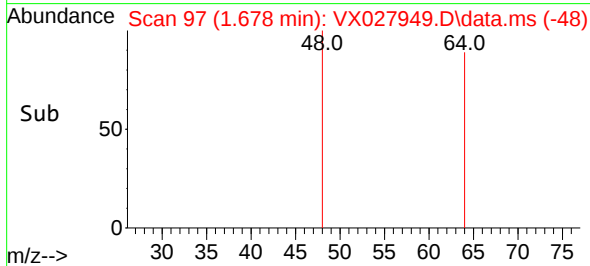


#6
Chloroethane
Concen: 1.096 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :

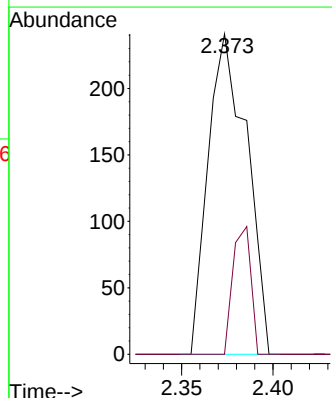
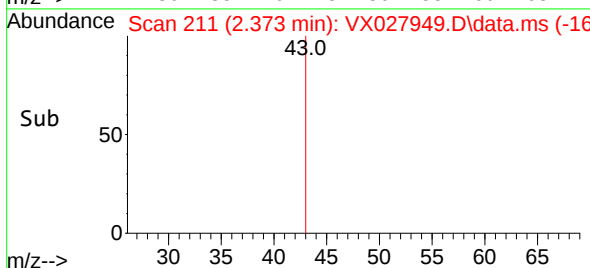
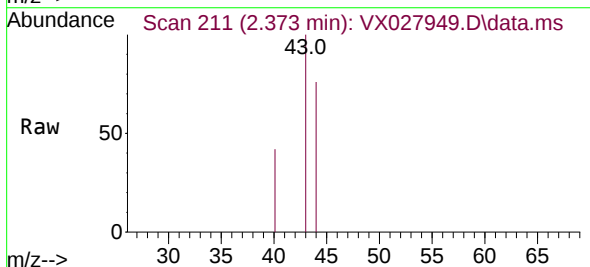


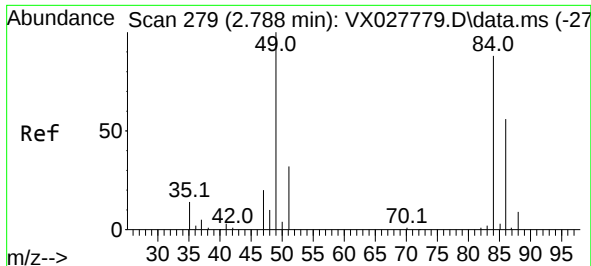
Tgt Ion: 64 Resp: 504
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#16
Acetone
Concen: 0.746 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

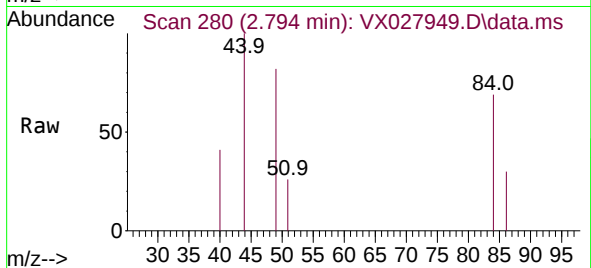
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





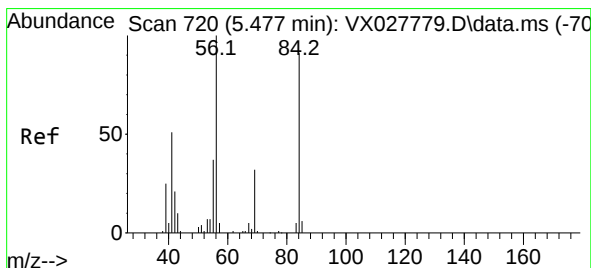
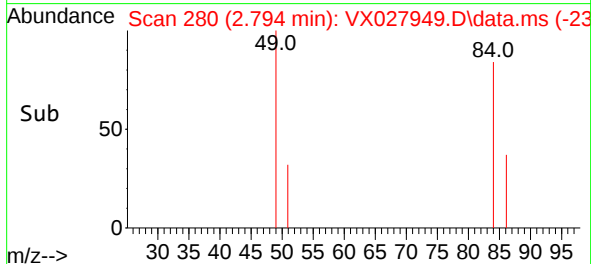
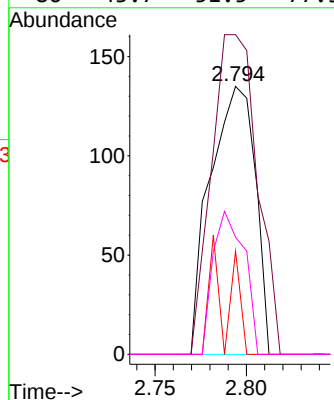
#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 232

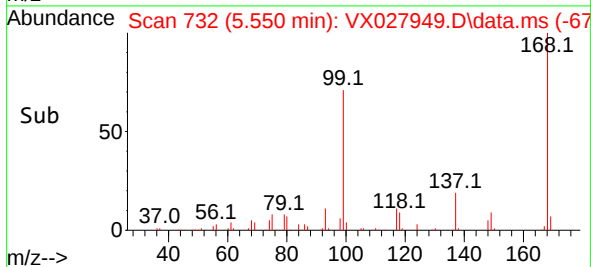
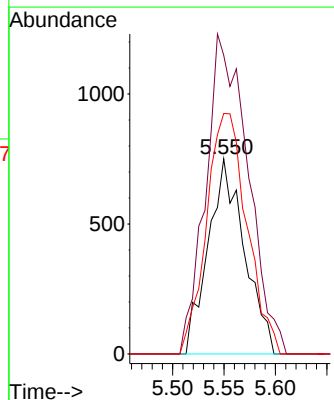
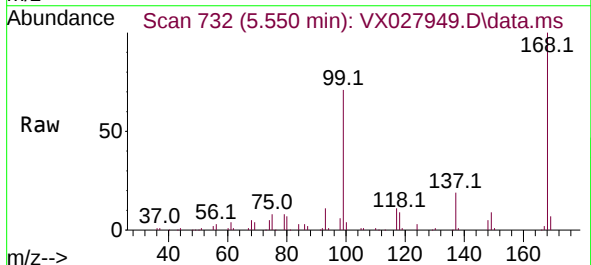
Ion	Ratio	Lower	Upper
84	100		
49	119.3	85.5	128.3
51	38.5	26.6	39.8
86	43.7	51.5	77.3

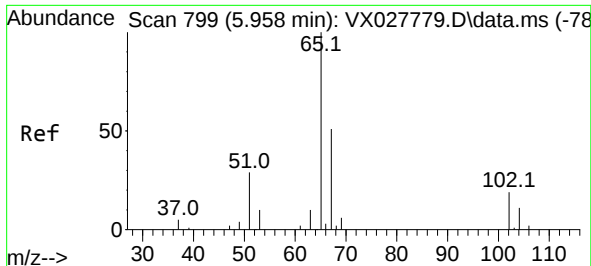


#31
Cyclohexane
Concen: 1.553 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

Tgt Ion: 56 Resp: 1840

Ion	Ratio	Lower	Upper
56	100		
69	153.0	26.7	40.1
84	123.2	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 54.915 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027949.D

Acq: 04 Apr 2022 11:07

Instrument :

MSVOA_X

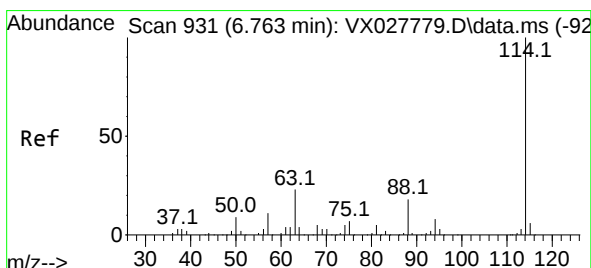
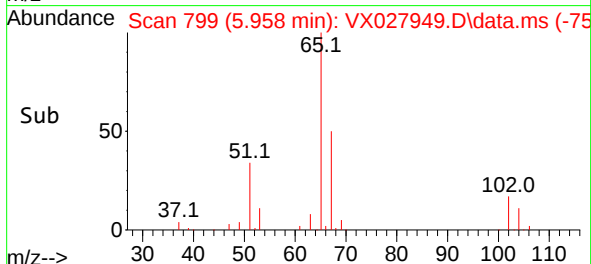
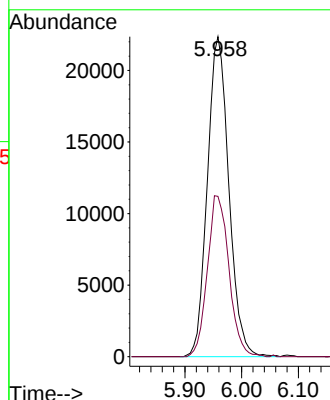
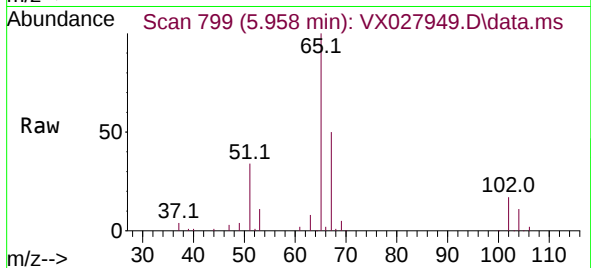
ClientSampleId :

Tgt Ion: 65 Resp: 58872

Ion Ratio Lower Upper

65 100

67 50.5 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: VX027949.D

Acq: 04 Apr 2022 11:07

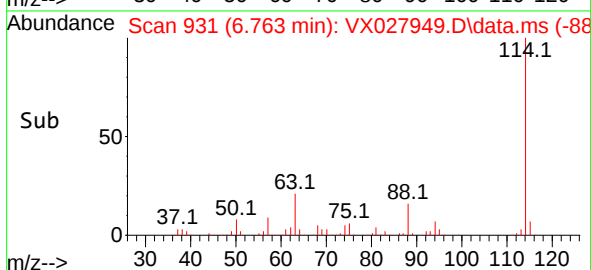
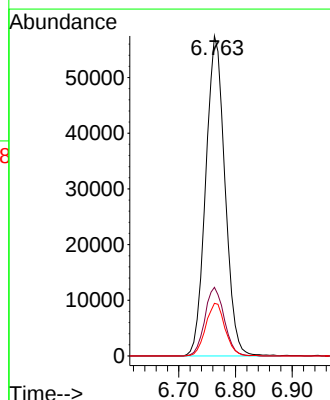
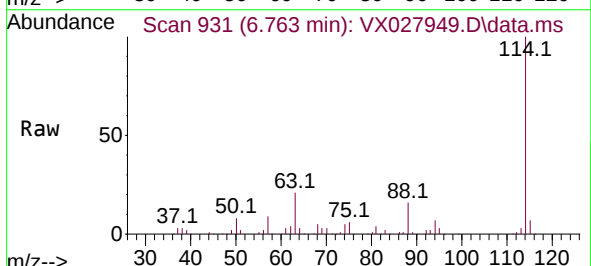
Tgt Ion: 114 Resp: 135306

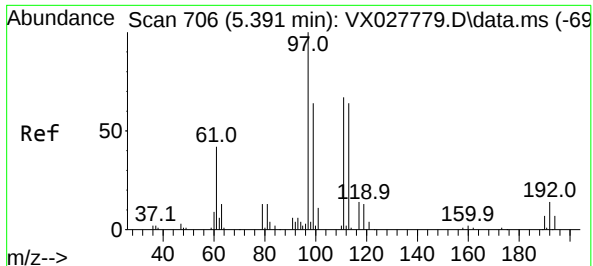
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.249 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

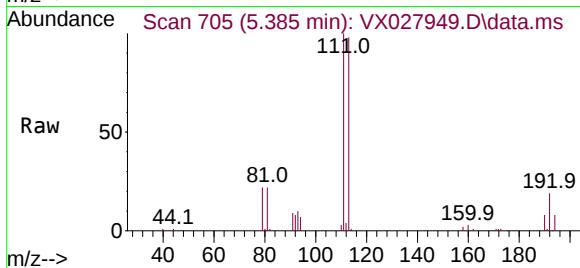
Lab File: VX027949.D

Acq: 04 Apr 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :



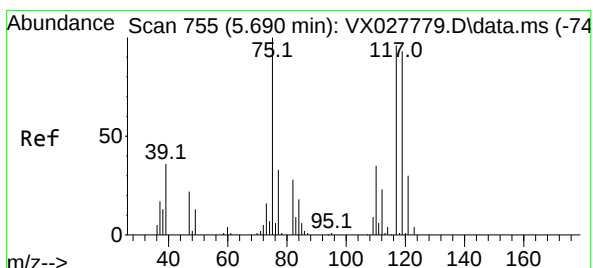
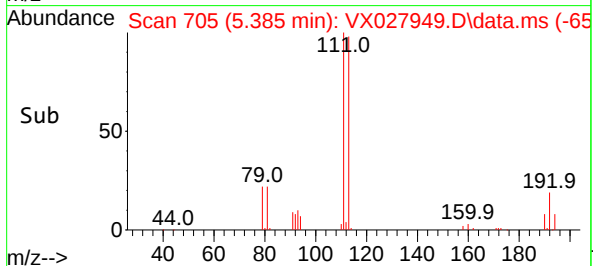
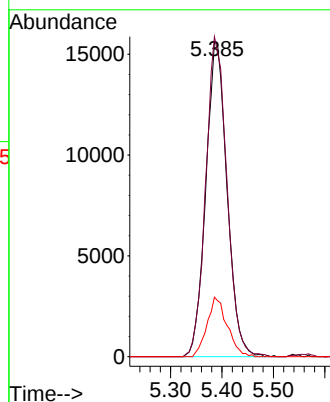
Tgt Ion:113 Resp: 44759

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 17.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.348 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027949.D

Acq: 04 Apr 2022 11:07

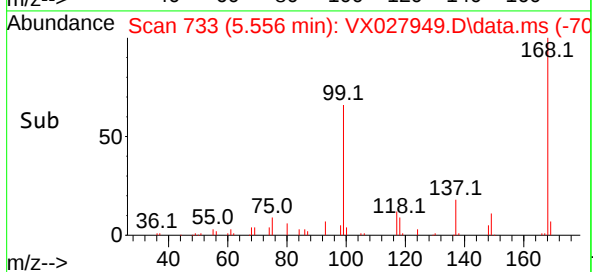
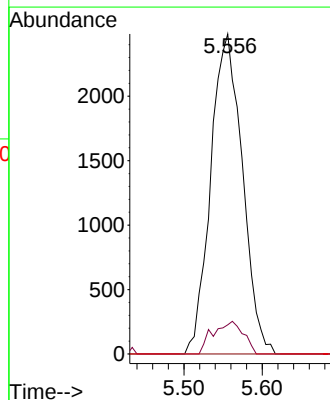
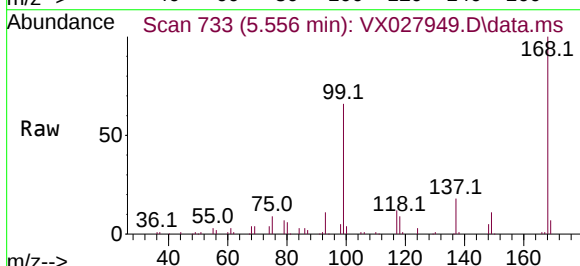
Tgt Ion: 75 Resp: 6983

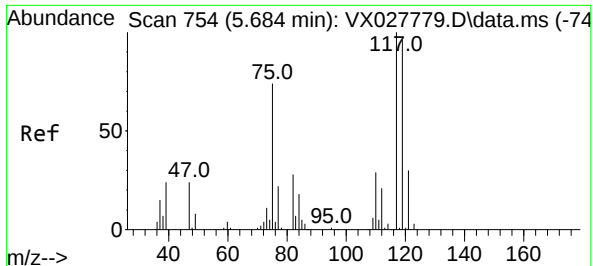
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

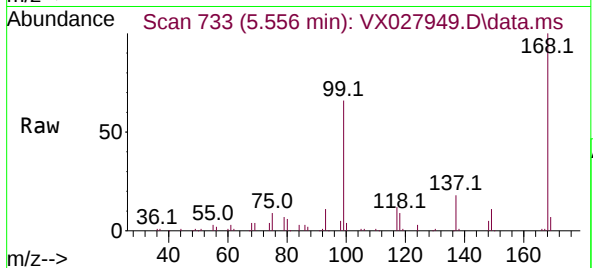
77 0.0 24.8 37.2#



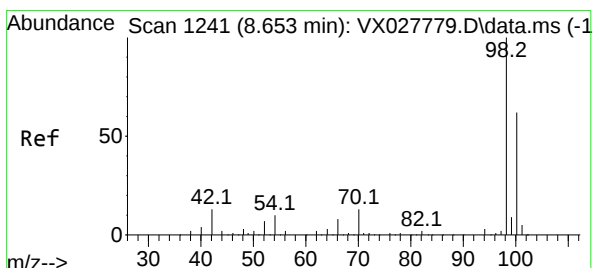
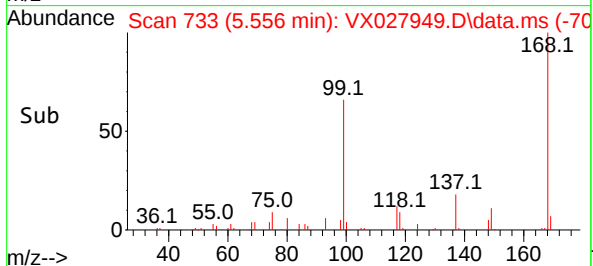
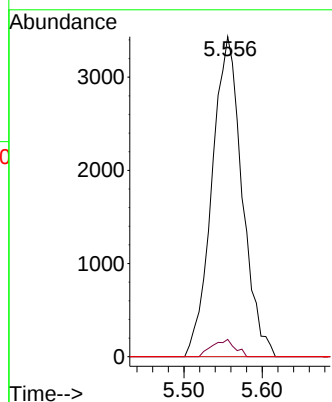


#38
Carbon Tetrachloride
Concen: 7.572 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :

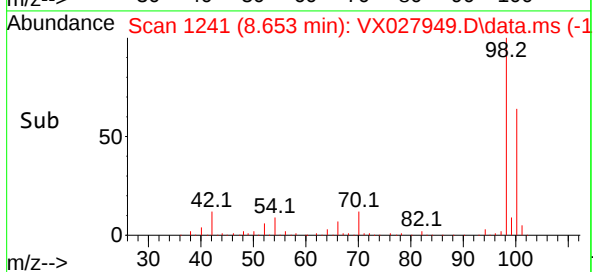
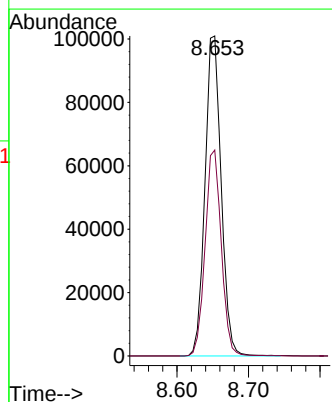
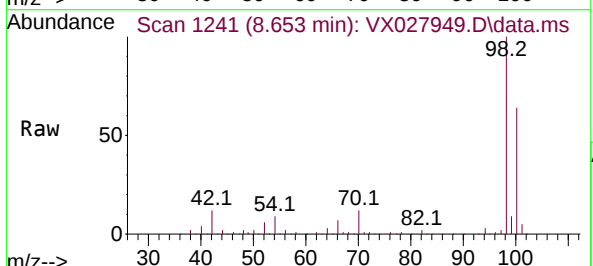


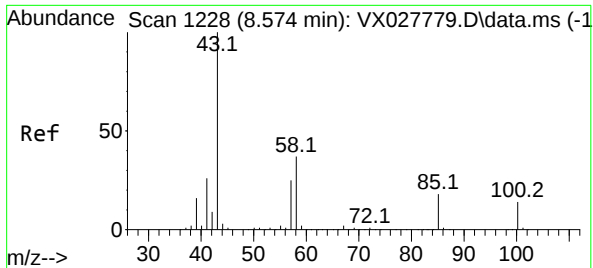
Tgt Ion:117 Resp: 9202
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.708 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027949.D
Acq: 04 Apr 2022 11:07

Tgt Ion: 98 Resp: 158893
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.418 ug/l

RT: 8.653 min Scan# 1175

Delta R.T. 0.079 min

Lab File: VX027949.D

Acq: 04 Apr 2022 11:07

Instrument :

MSVOA_X

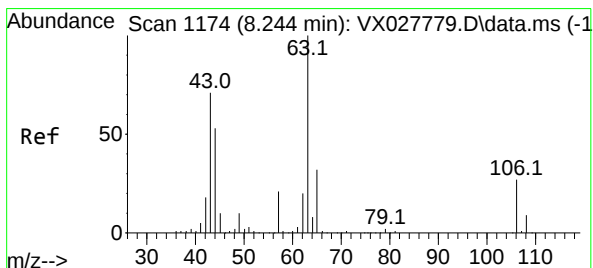
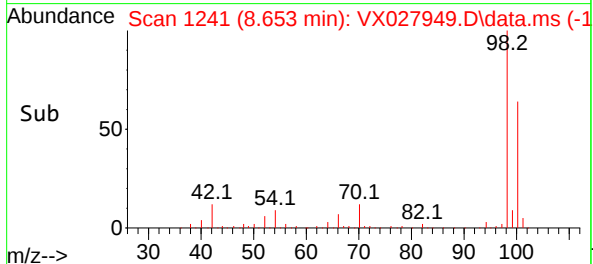
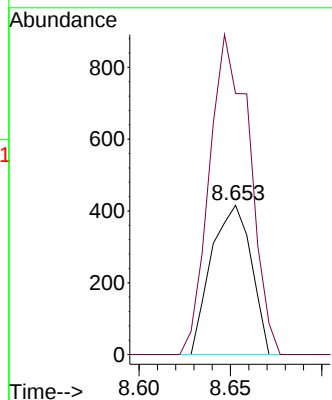
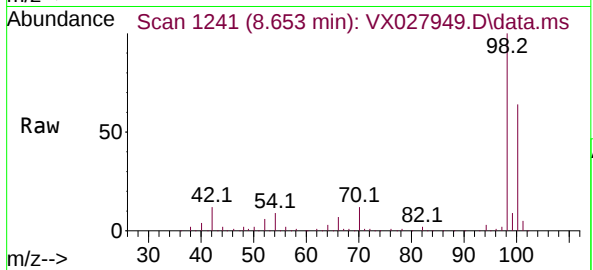
ClientSampleId :

Tgt Ion: 43 Resp: 634

Ion Ratio Lower Upper

43 100

58 215.0 36.1 54.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.686 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX027949.D

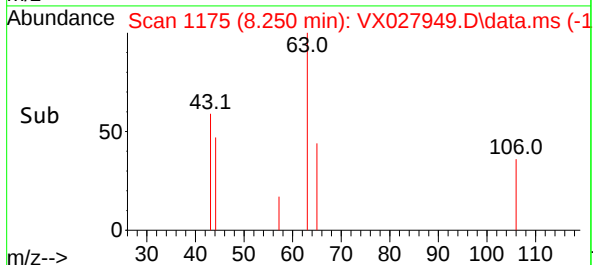
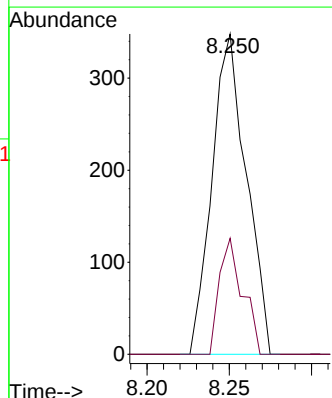
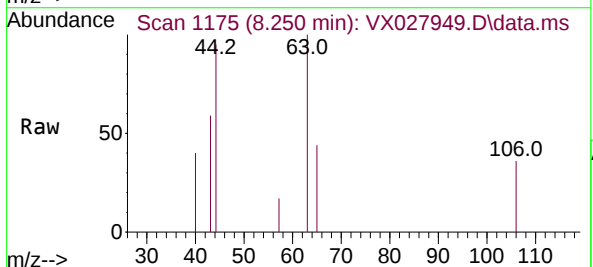
Acq: 04 Apr 2022 11:07

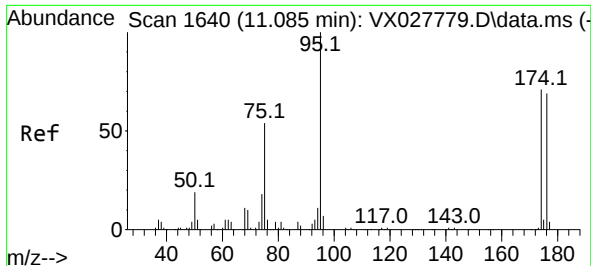
Tgt Ion: 63 Resp: 505

Ion Ratio Lower Upper

63 100

106 24.6 23.9 35.9





#62

4-Bromofluorobenzene

Concen: 45.025 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027949.D

Acq: 04 Apr 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :

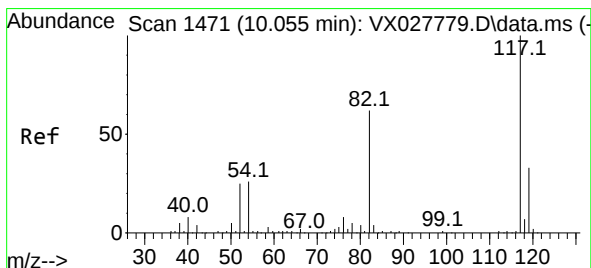
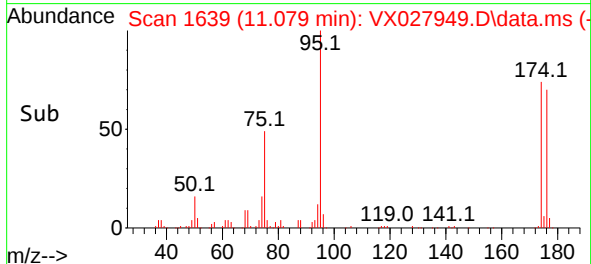
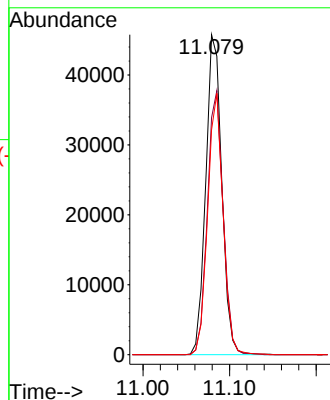
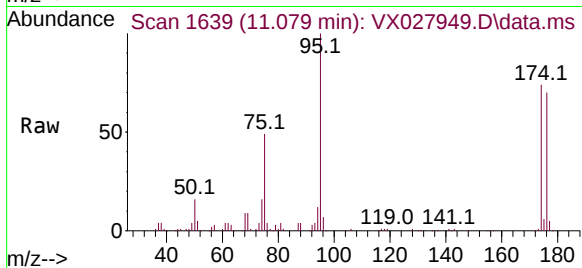
Tgt Ion: 95 Resp: 58797

Ion Ratio Lower Upper

95 100

174 81.2 0.0 163.0

176 78.7 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: VX027949.D

Acq: 04 Apr 2022 11:07

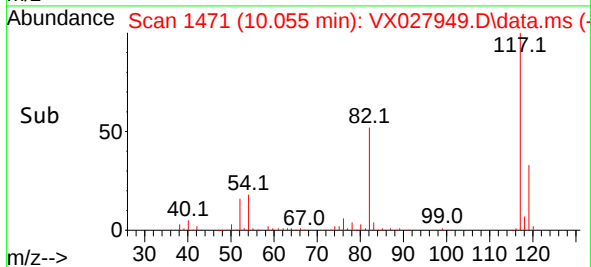
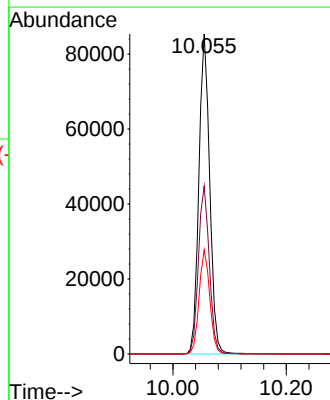
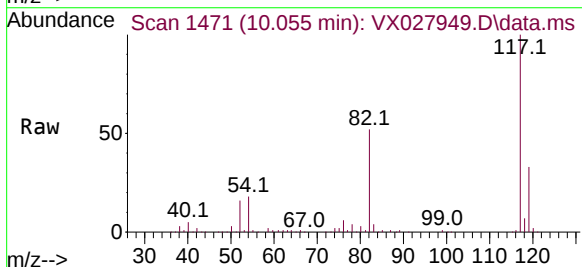
Tgt Ion: 117 Resp: 112983

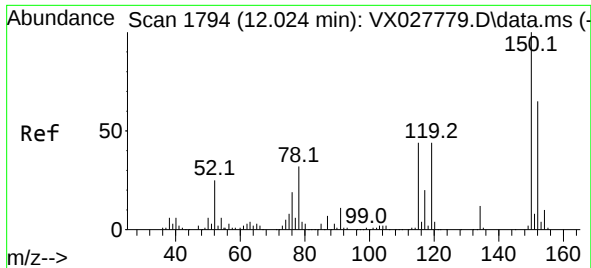
Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

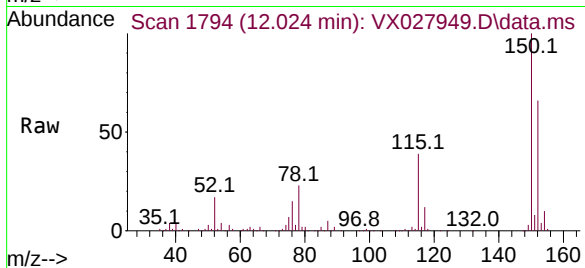
119 32.6 24.8 37.2



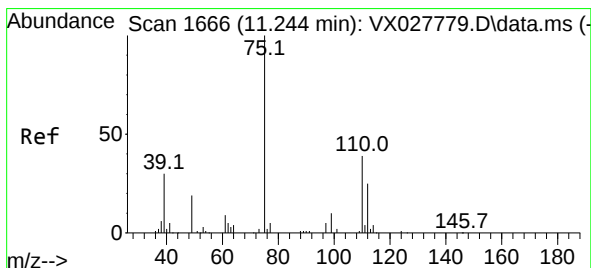
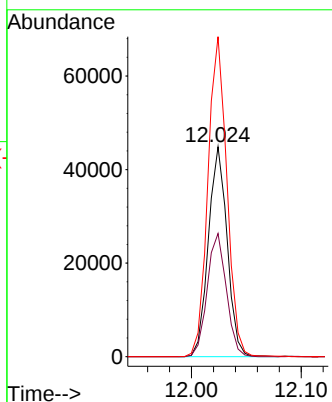
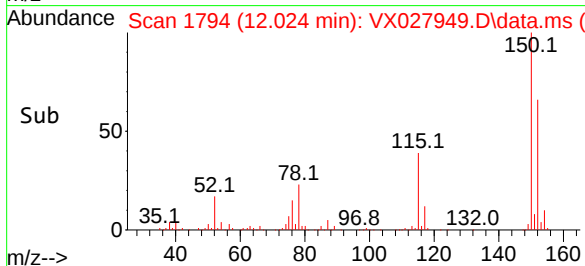


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027949.D
 Acq: 04 Apr 2022 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

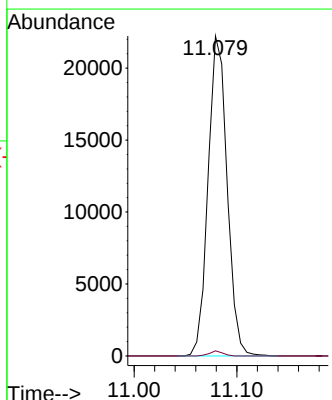
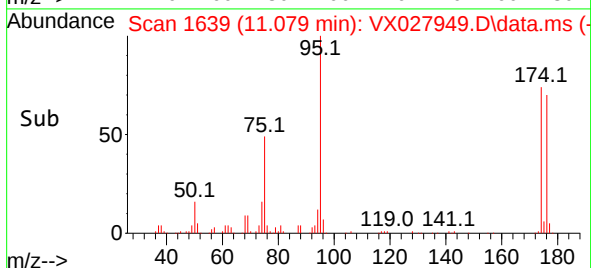
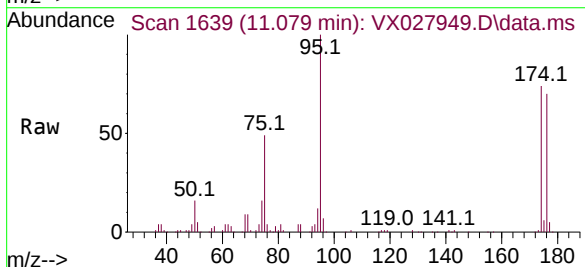


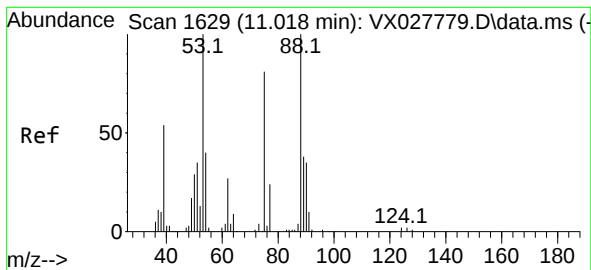
Tgt Ion:152 Resp: 53422
 Ion Ratio Lower Upper
 152 100
 115 59.7 37.5 112.7
 150 153.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.775 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027949.D
 Acq: 04 Apr 2022 11:07

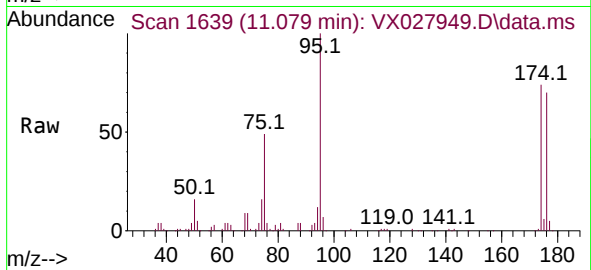
Tgt Ion: 75 Resp: 28542
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.182 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027949.D
 Acq: 04 Apr 2022 11:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28542
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

