

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027948.D
 Acq On : 04 Apr 2022 10:44
 Operator : JC/MD
 Sample : VX0404MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:46:08 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)

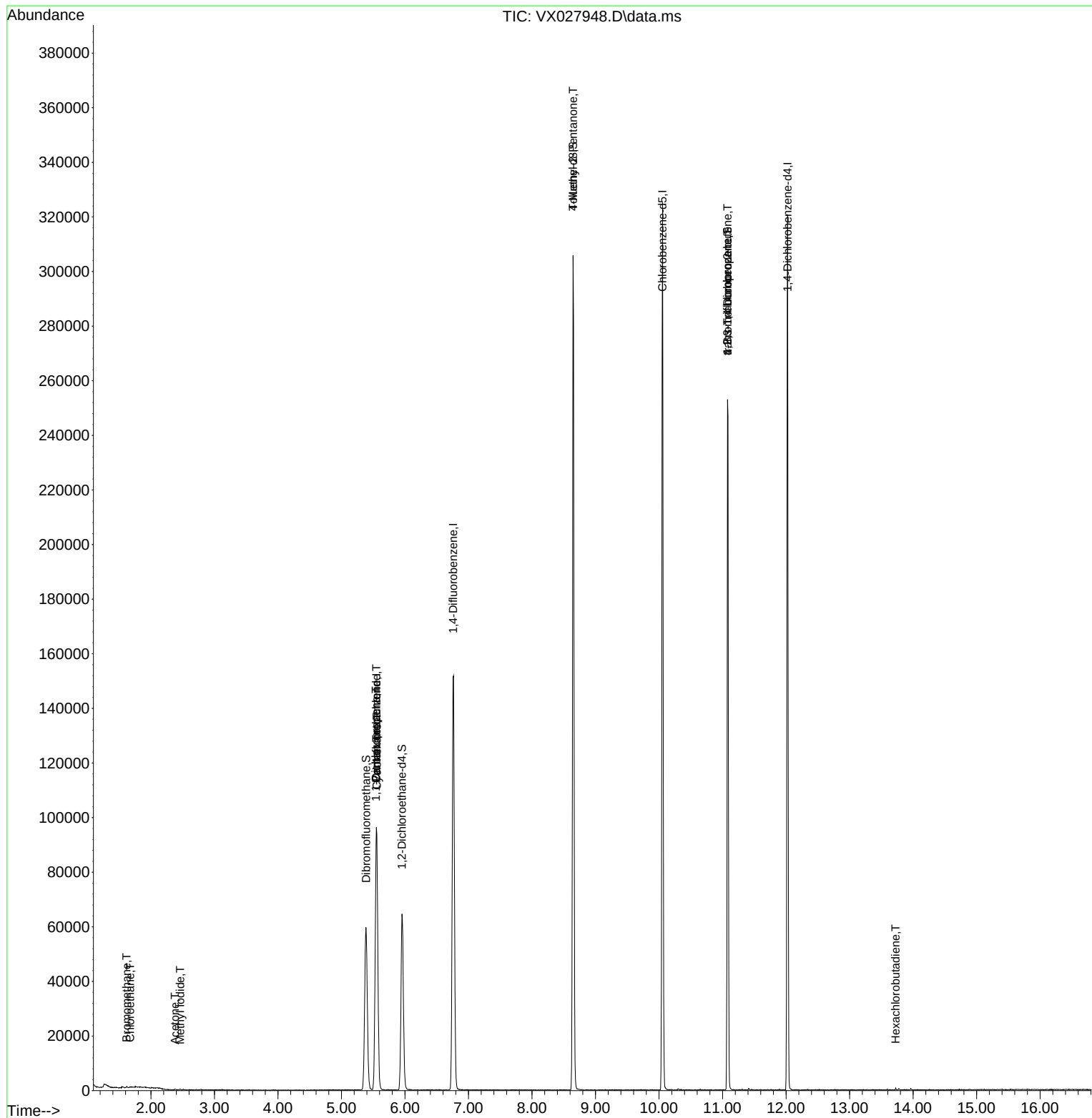
Internal Standards						
1) Pentafluorobenzene	5.550	168	84907	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	148810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65707	59.977	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.960%	
35) Dibromofluoromethane	5.385	113	52393	54.546	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.100%	
50) Toluene-d8	8.647	98	176912	52.347	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	11.079	95	70248	48.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	103	0.328	ug/l	93
6) Chloroethane	1.672	64	114	0.243	ug/l	# 43
10) Methyl Iodide	2.459	142	249	0.270	ug/l	# 81
16) Acetone	2.380	43	353	0.728	ug/l	# 75
31) Cyclohexane	5.556	56	2150	1.775	ug/l	# 21
36) 1,1-Dichloropropene	5.544	75	7813	6.458	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	9981	7.468	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	834	0.500	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	38233	26.552	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	38233	77.742	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	114	1.018	ug/l	83

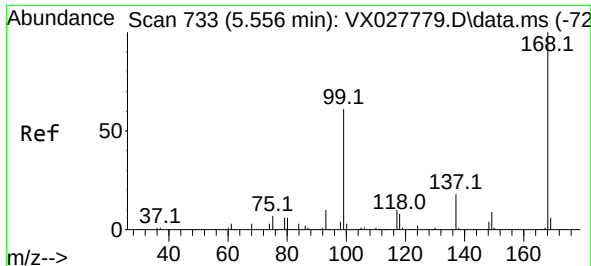
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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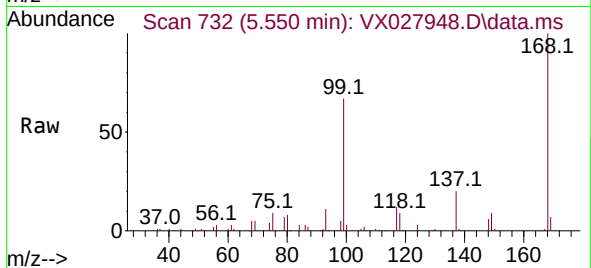


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

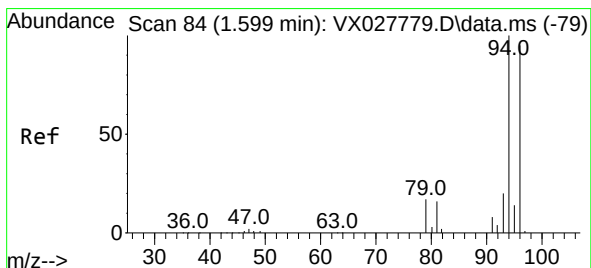
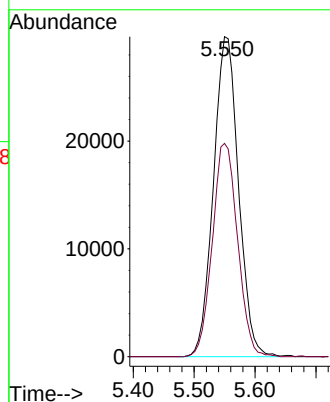
Instrument :

MSVOA_X

ClientSampleId :

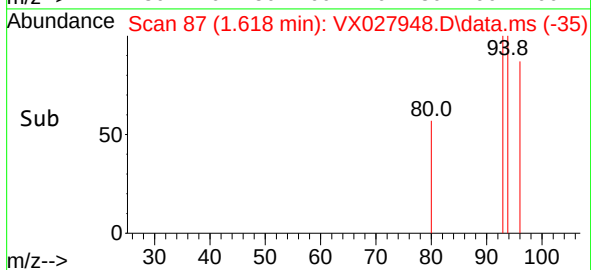
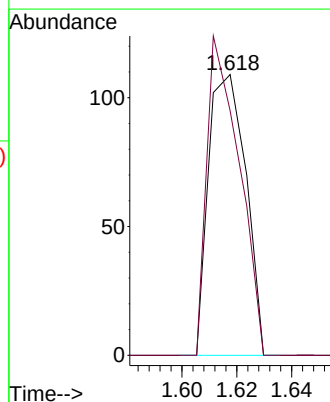
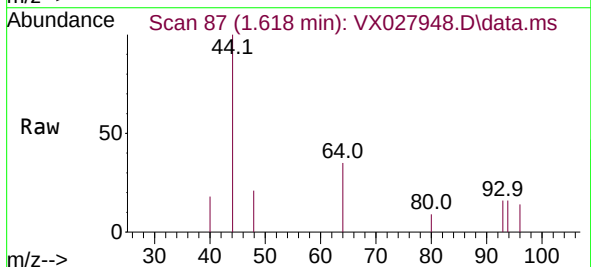


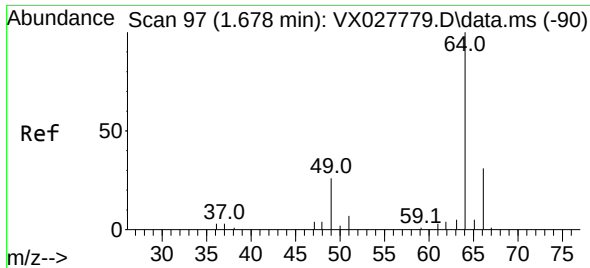
Tgt Ion:168 Resp: 84907
Ion Ratio Lower Upper
168 100
99 66.6 41.7 62.5#



#5
Bromomethane
Concen: 0.328 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

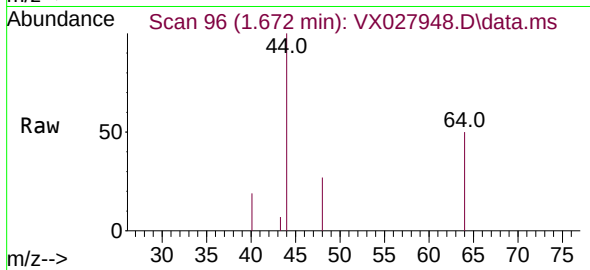
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 87.2 75.3 112.9



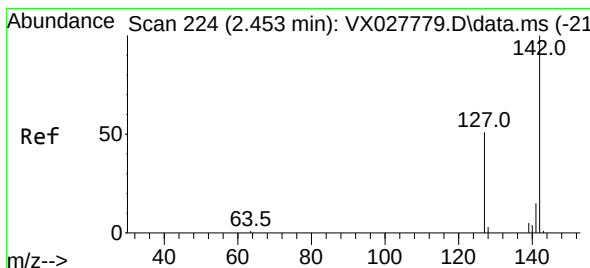
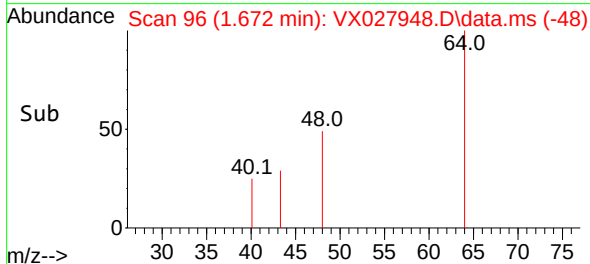
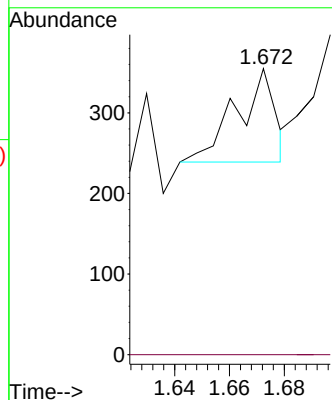


#6
Chloroethane
Concen: 0.243 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :

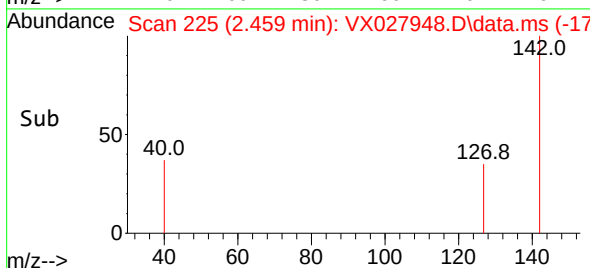
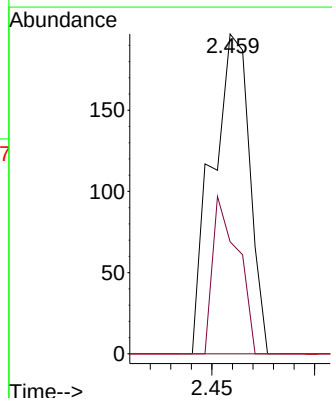
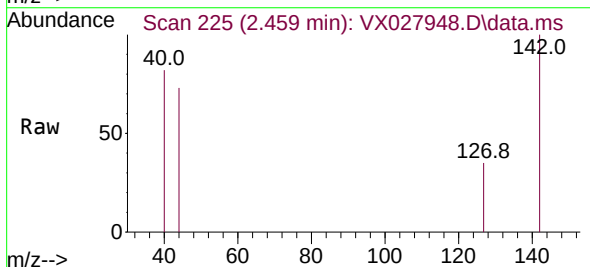


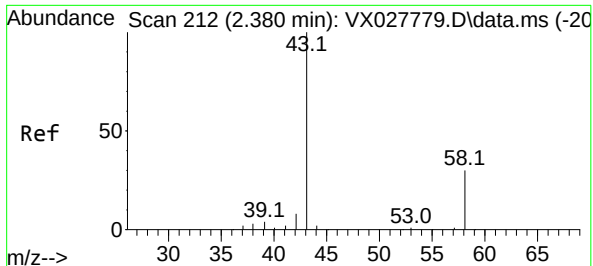
Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.270 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

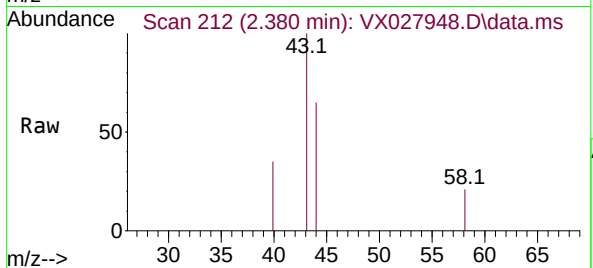
Tgt Ion: 142 Resp: 249
Ion Ratio Lower Upper
142 100
127 33.3 33.9 50.9#
141 0.0 11.4 17.2#



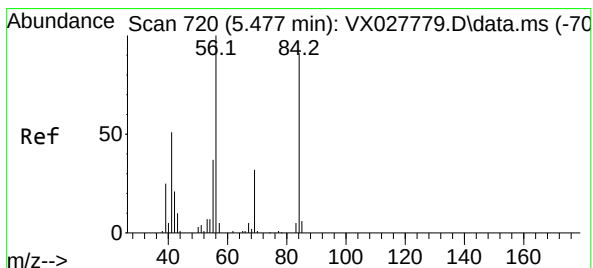
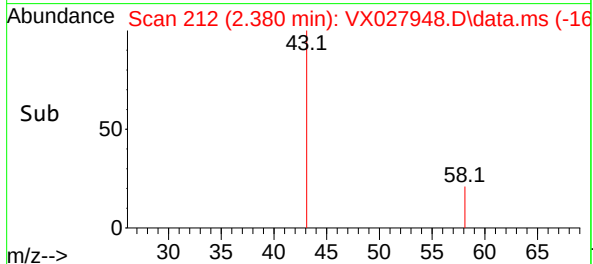
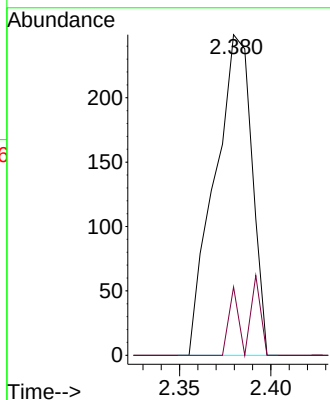


#16
Acetone
Concen: 0.728 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :

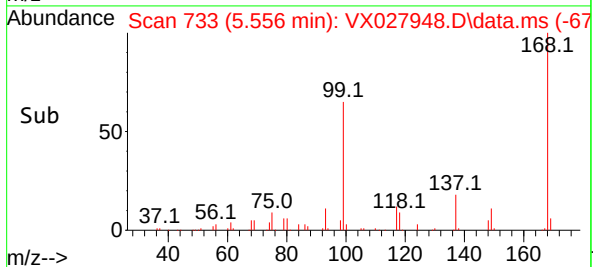
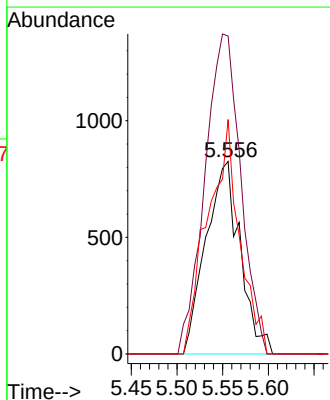
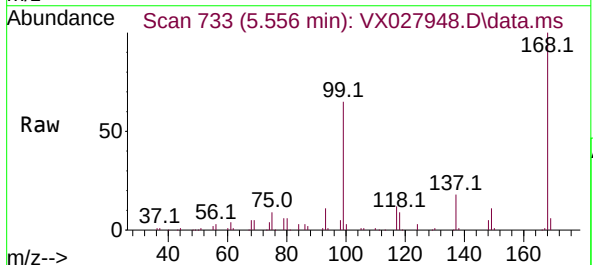


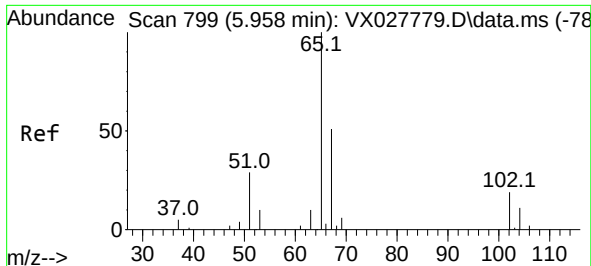
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 21.3 28.8 43.2#



#31
Cyclohexane
Concen: 1.775 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

Tgt Ion: 56 Resp: 2150
Ion Ratio Lower Upper
56 100
69 165.2 26.7 40.1#
84 121.8 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 59.977 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027948.D

Acq: 04 Apr 2022 10:44

Instrument :

MSVOA_X

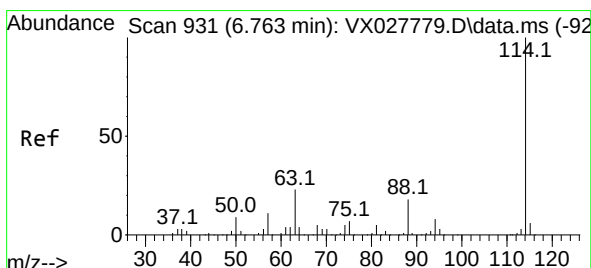
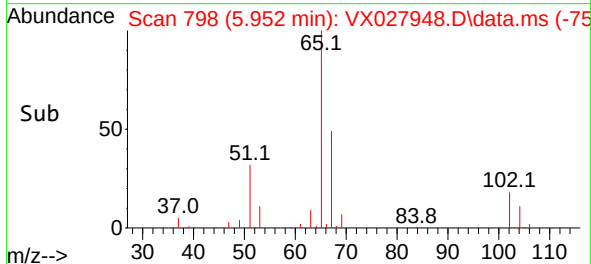
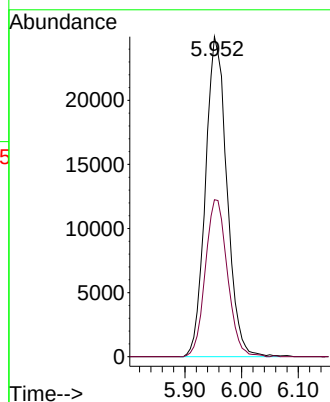
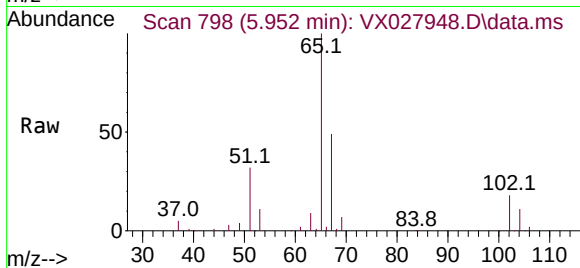
ClientSampleId :

Tgt Ion: 65 Resp: 65707

Ion Ratio Lower Upper

65 100

67 50.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX027948.D

Acq: 04 Apr 2022 10:44

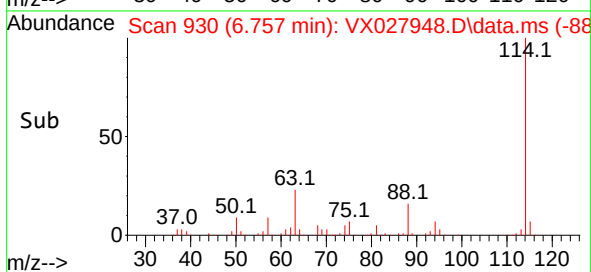
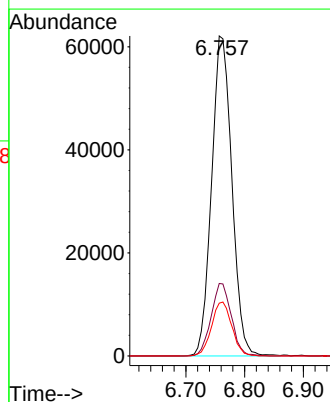
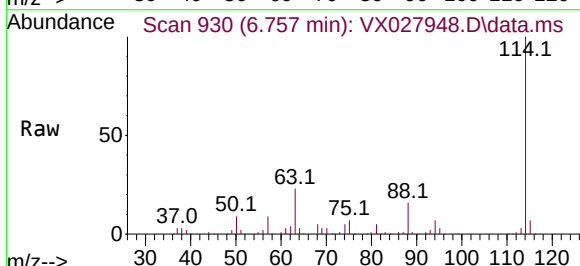
Tgt Ion: 114 Resp: 148810

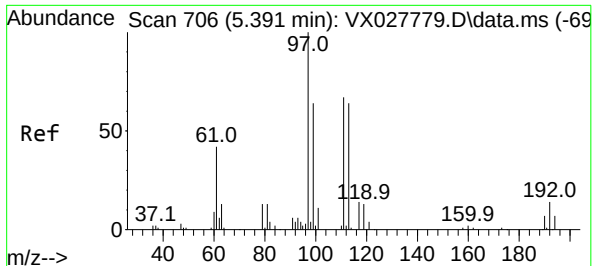
Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.8

88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.546 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

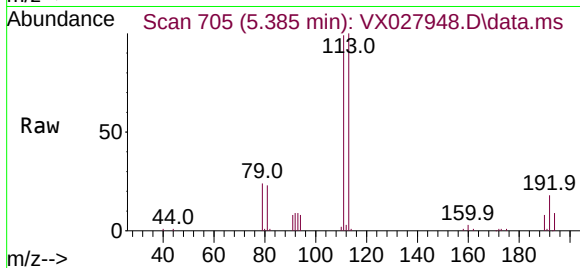
Lab File: VX027948.D

Acq: 04 Apr 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :



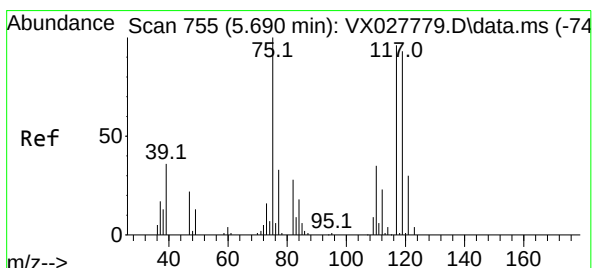
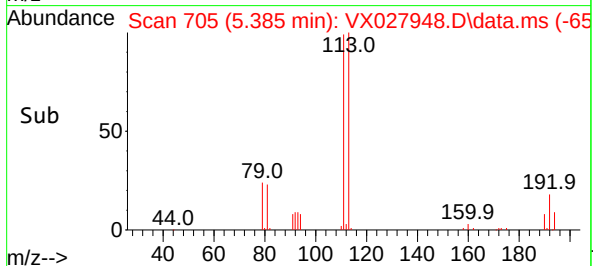
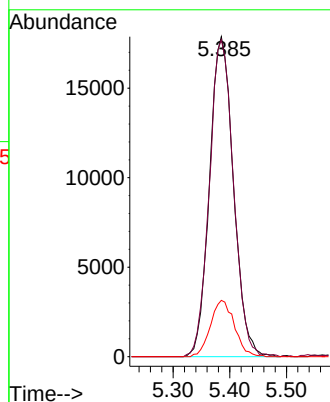
Tgt Ion:113 Resp: 52393

Ion Ratio Lower Upper

113 100

111 99.9 82.8 124.2

192 17.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.458 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX027948.D

Acq: 04 Apr 2022 10:44

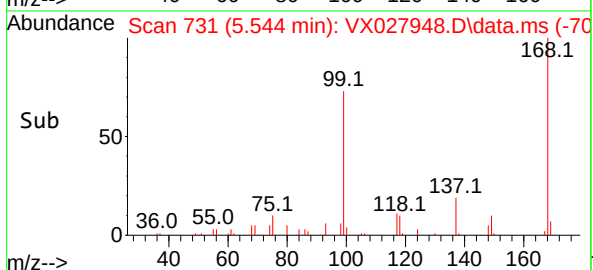
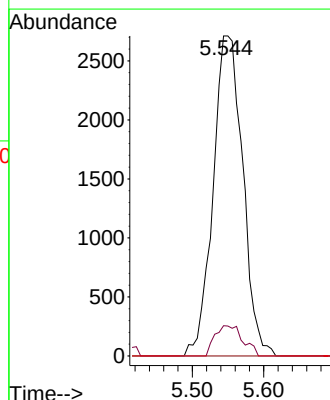
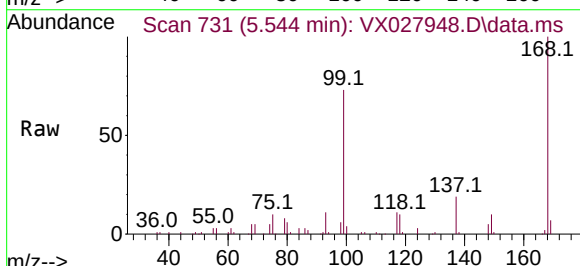
Tgt Ion: 75 Resp: 7813

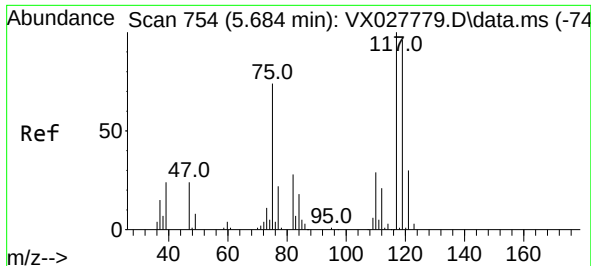
Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

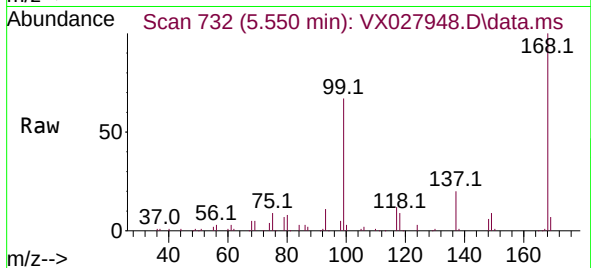
77 0.0 24.8 37.2#



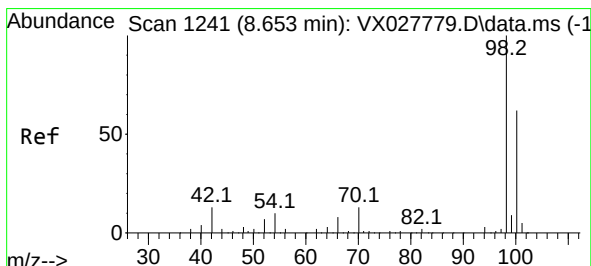
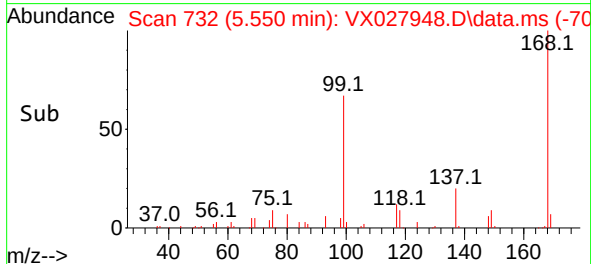
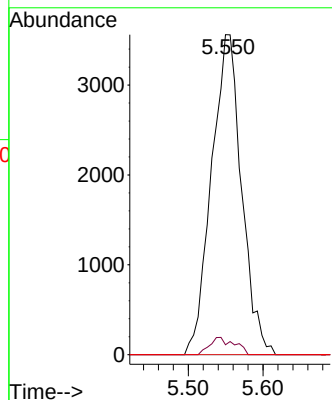


#38
Carbon Tetrachloride
Concen: 7.468 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :

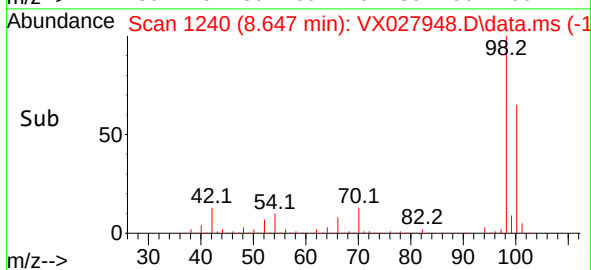
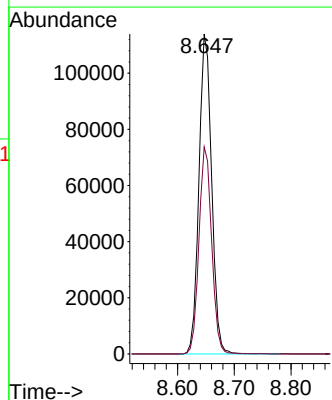
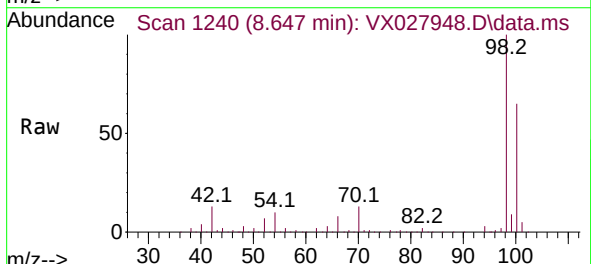


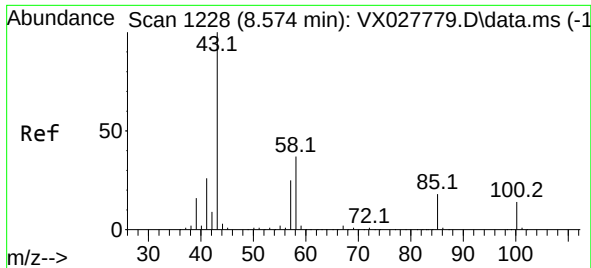
Tgt Ion:117 Resp: 9981
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.347 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

Tgt Ion: 98 Resp: 176912
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

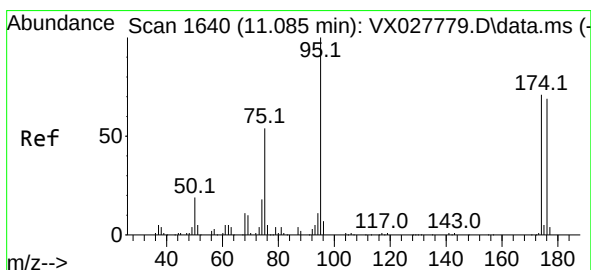
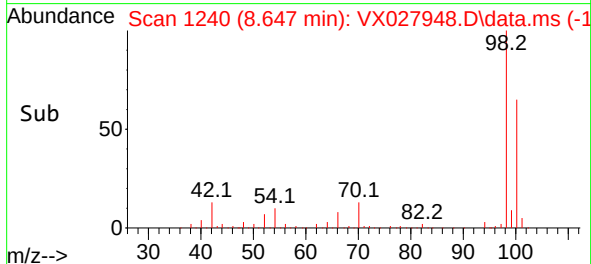
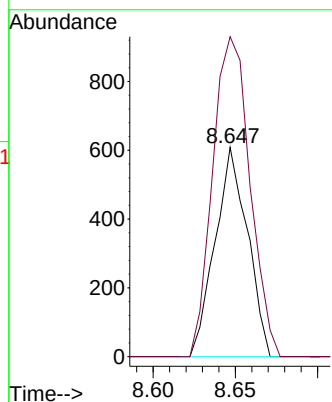
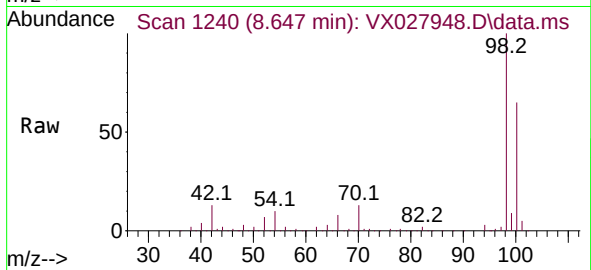




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

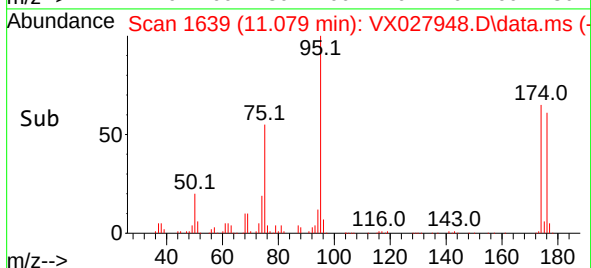
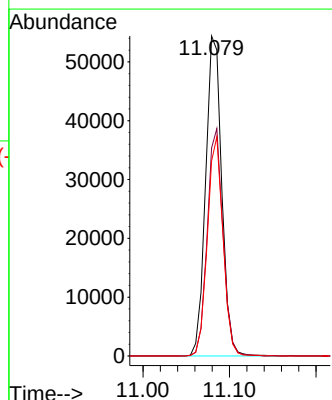
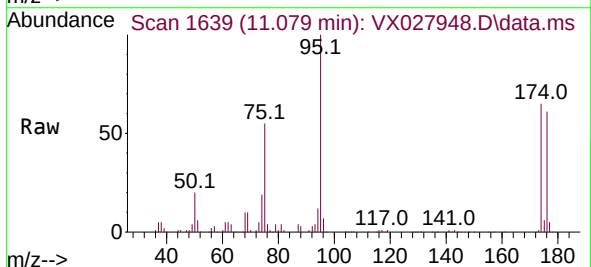
Instrument :
MSVOA_X
ClientSampleId :

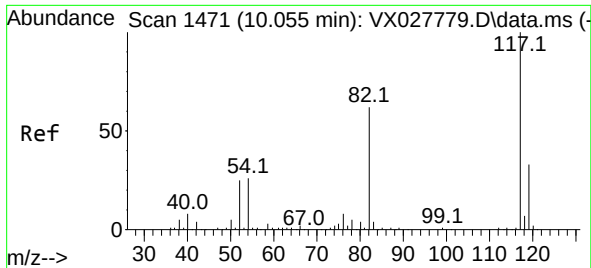
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 175.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

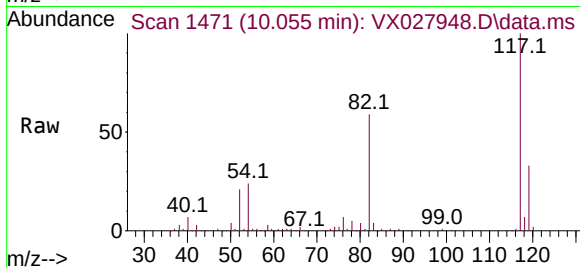
Tgt Ion: 95 Resp: 70248
Ion Ratio Lower Upper
95 100
174 69.4 0.0 163.0
176 66.2 0.0 155.0



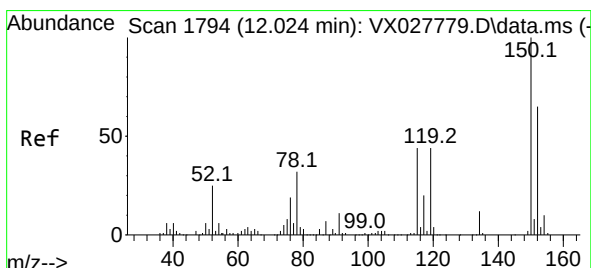
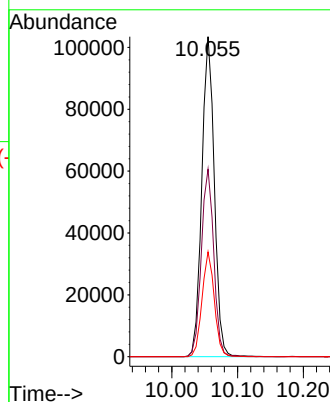
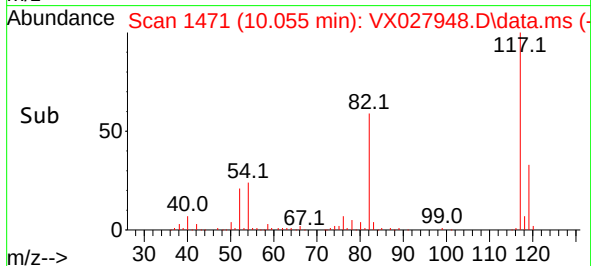


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

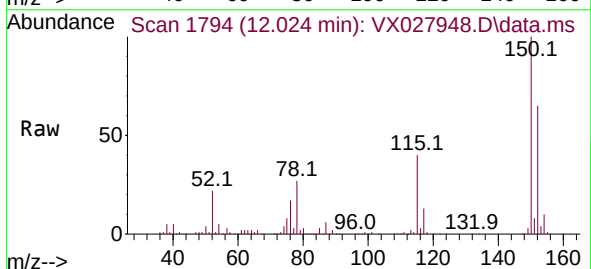
Instrument :
MSVOA_X
ClientSampleId :



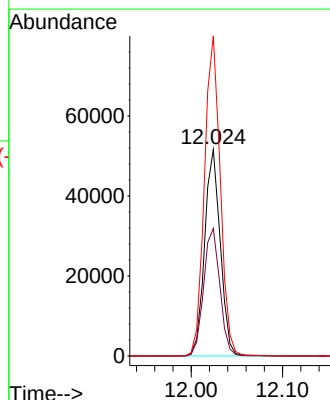
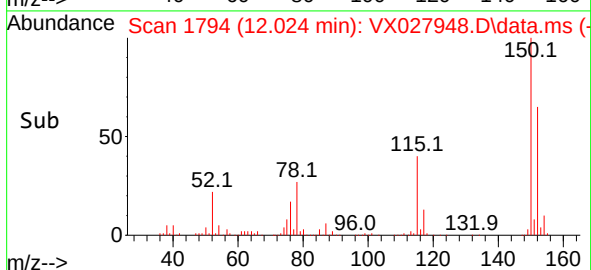
Tgt Ion:117 Resp: 136609
Ion Ratio Lower Upper
117 100
82 58.6 41.8 62.8
119 32.7 24.8 37.2

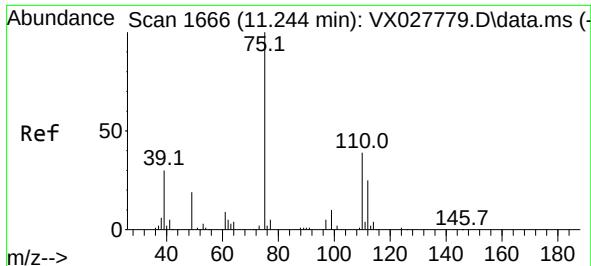


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44



Tgt Ion:152 Resp: 61382
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 157.1 0.0 338.2

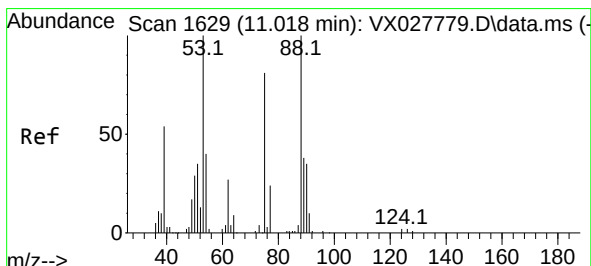
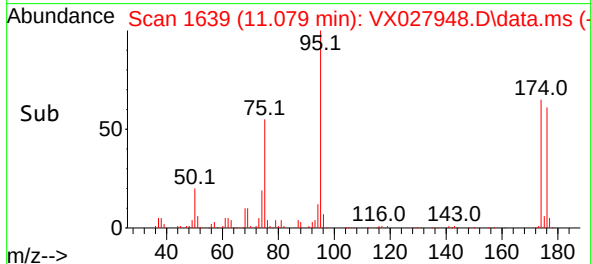
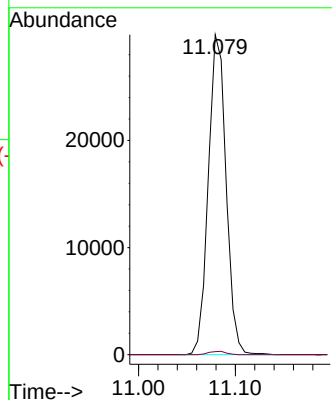
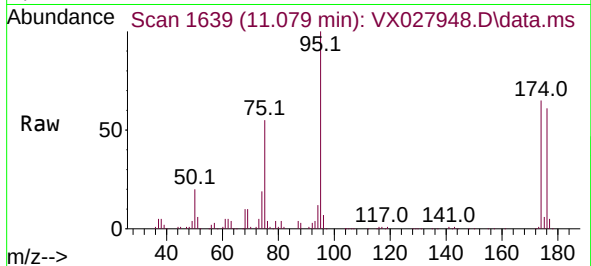




#76
1,2,3-Trichloropropane
Concen: 26.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

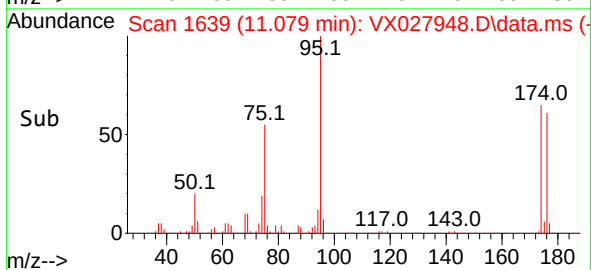
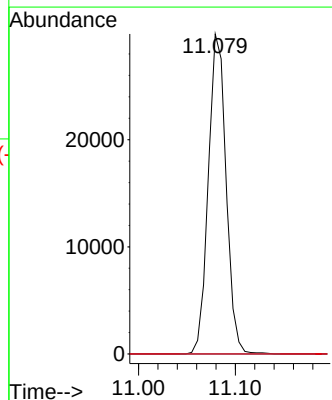
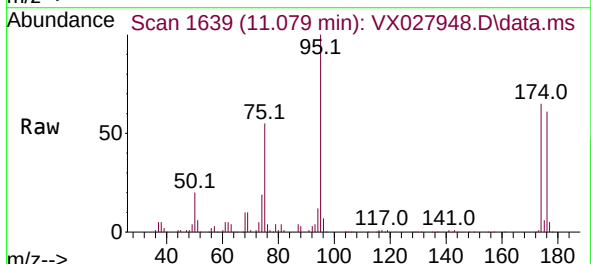
Instrument :
MSVOA_X
ClientSampleId :

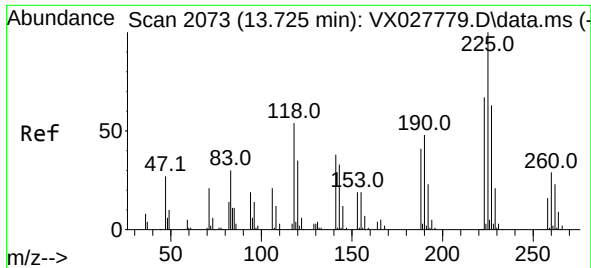
Tgt Ion: 75 Resp: 38233
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027948.D
Acq: 04 Apr 2022 10:44

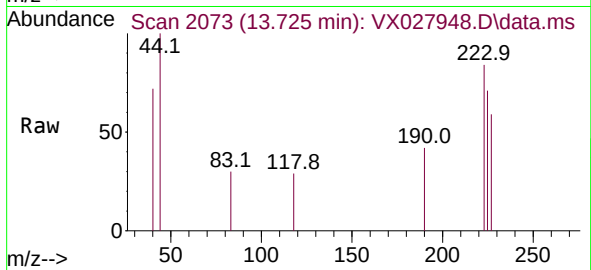
Tgt Ion: 75 Resp: 38233
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 1.018 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX027948.D
 Acq: 04 Apr 2022 10:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	114
Ion	Ratio	Lower	Upper
225	100		
223	83.3	34.2	102.5
227	80.7	33.9	101.7

