

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028943.D
 Acq On : 25 May 2022 12:21
 Operator : JC/MD
 Sample : N3026-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48967

Quant Time: May 26 05:43:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

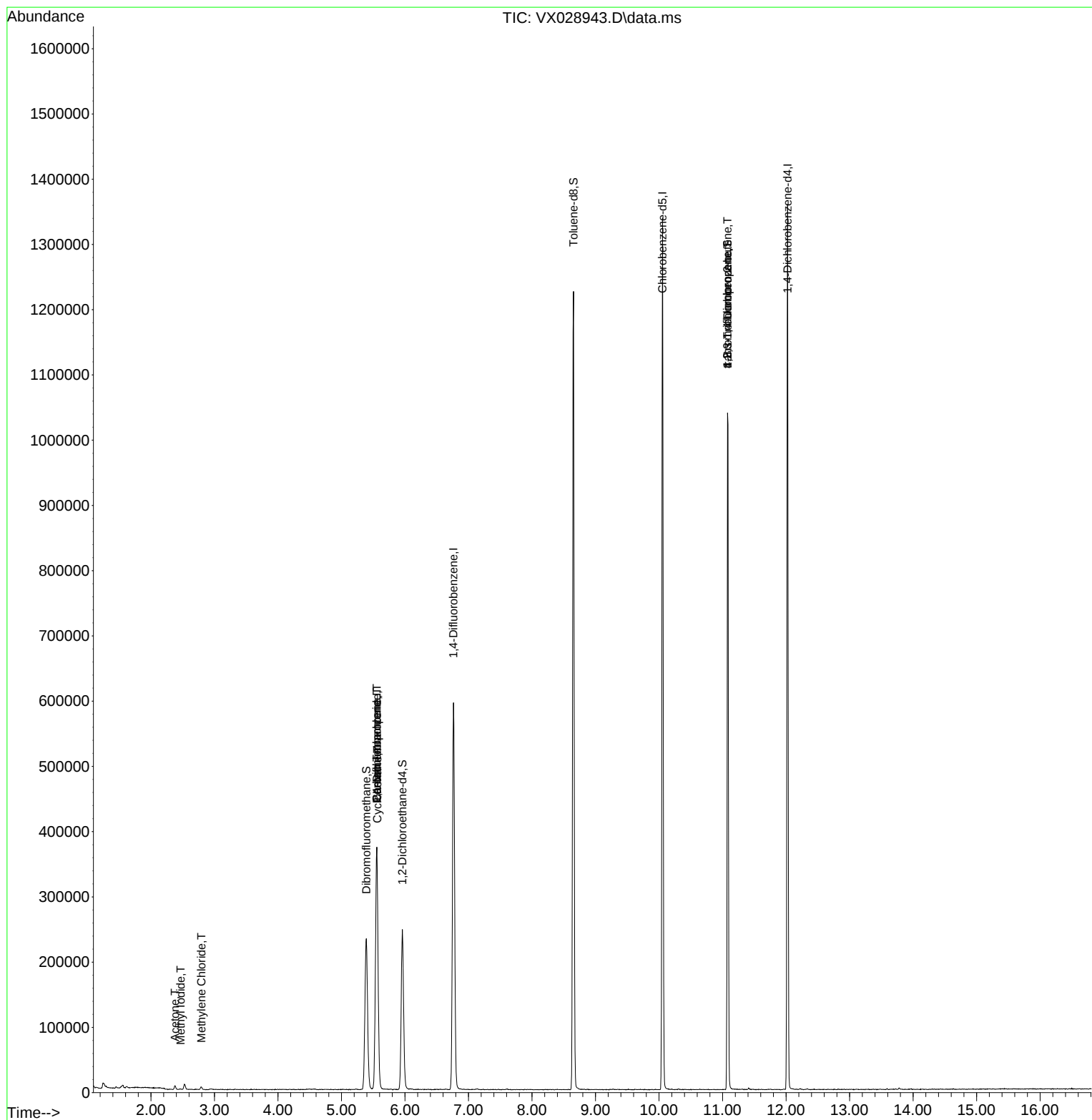
Internal Standards						
1) Pentafluorobenzene	5.556	168	345627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	619615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238127	50.262	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.520%	
35) Dibromofluoromethane	5.391	113	205460	50.611	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.220%	
50) Toluene-d8	8.653	98	740689	48.394	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	11.079	95	291286	50.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1253	Below Cal		96
6) Chloroethane	1.691	64	317	Below Cal		89
10) Methyl Iodide	2.465	142	931	0.202 ug/l	#	89
11) Tert butyl alcohol	2.940	59	634	Below Cal	#	72
16) Acetone	2.380	43	5747	2.826 ug/l		94
20) Methylene Chloride	2.794	84	1873	0.439 ug/l	#	89
31) Cyclohexane	5.562	56	6915	1.052 ug/l	#	6
36) 1,1-Dichloropropene	5.556	75	26940	4.418 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	36069	5.878 ug/l	#	16
76) 1,2,3-Trichloropropane	11.079	75	147274	22.332 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	147274	65.334 ug/l	#	15

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

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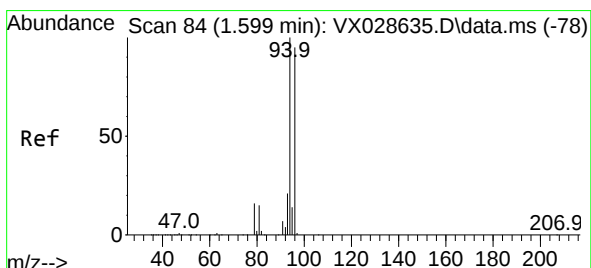
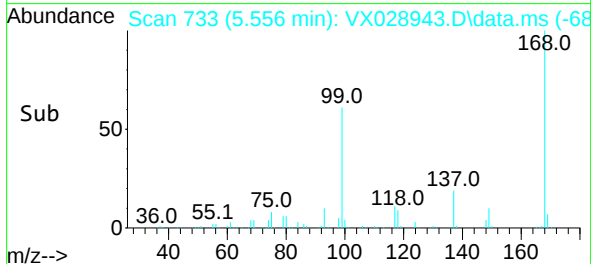
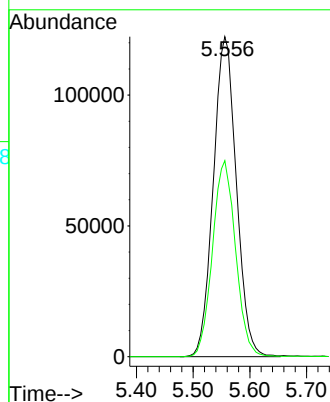
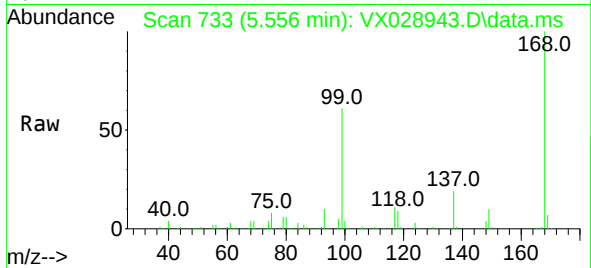




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

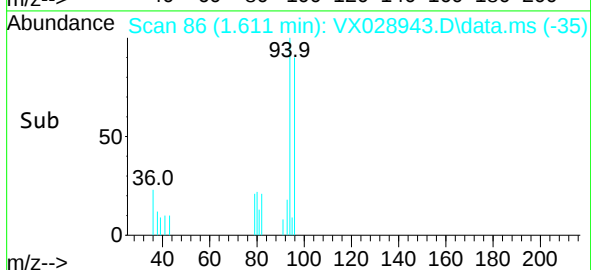
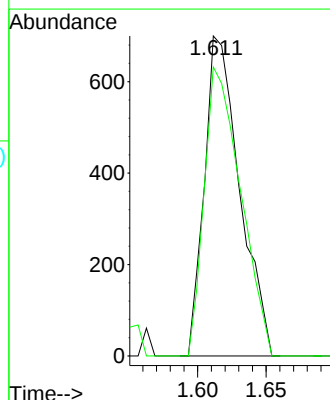
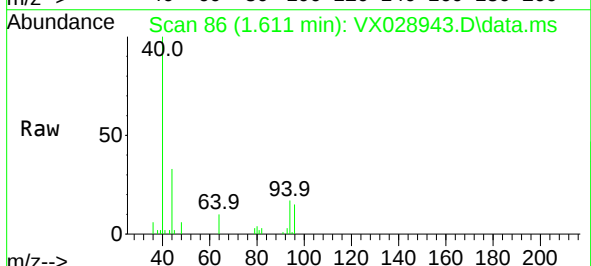
Instrument :
MSVOA_X
ClientSampleId :
N48967

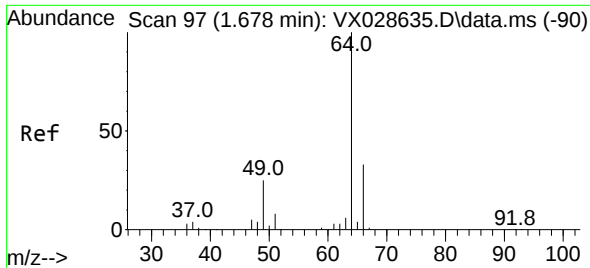
Tgt Ion:168 Resp: 345627
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

Tgt Ion: 94 Resp: 1253
Ion Ratio Lower Upper
94 100
96 90.3 75.3 112.9

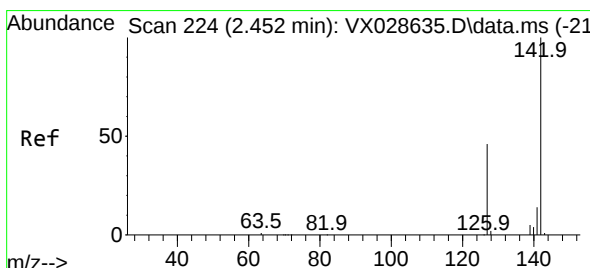
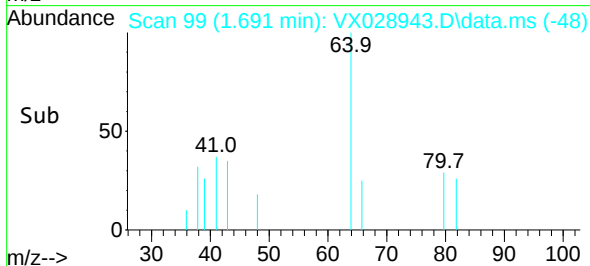
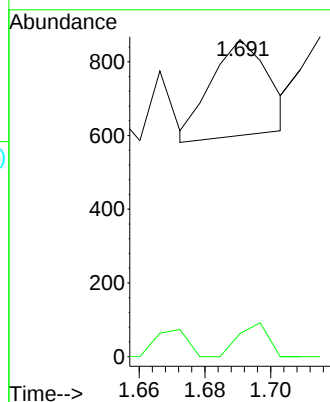
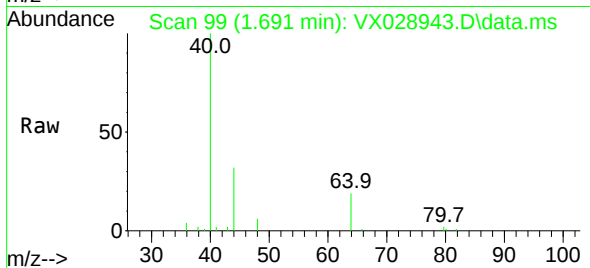




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

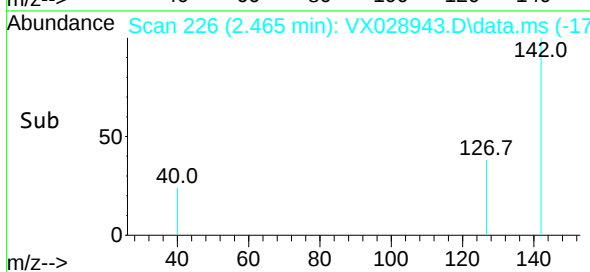
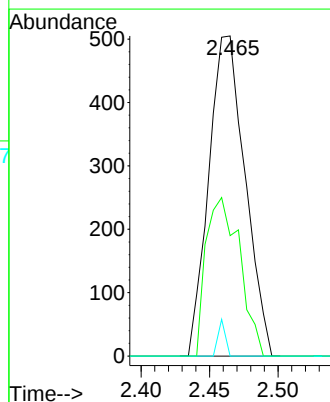
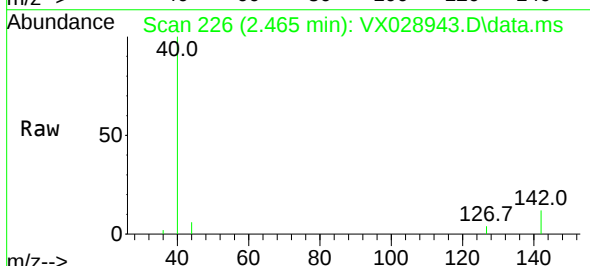
Instrument :
MSVOA_X
ClientSampleId :
N48967

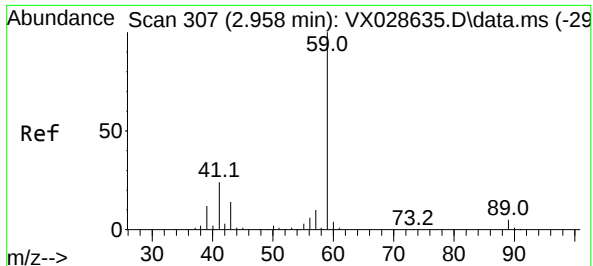
Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 25.5 25.3 37.9



#10
Methyl Iodide
Concen: 0.202 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

Tgt Ion: 142 Resp: 931
Ion Ratio Lower Upper
142 100
127 45.9 33.9 50.9
141 2.3 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028943.D

Acq: 25 May 2022 12:21

Instrument :

MSVOA_X

ClientSampleId :

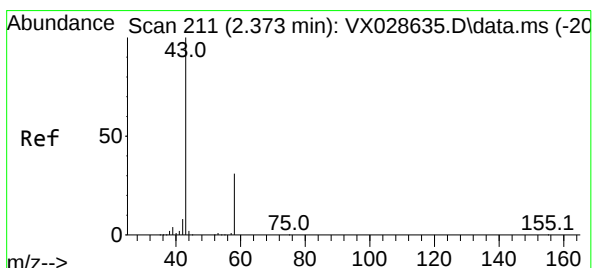
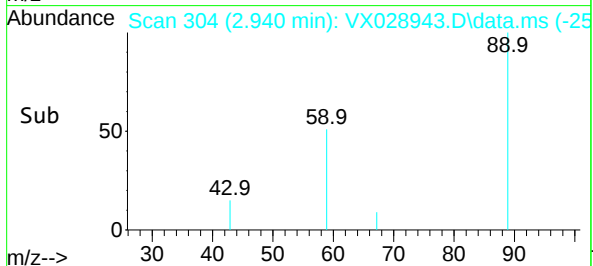
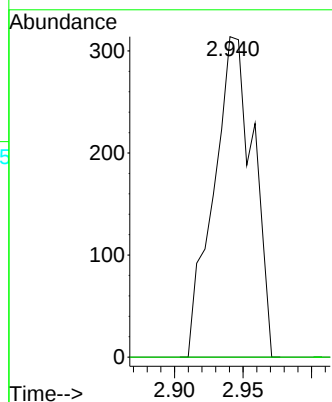
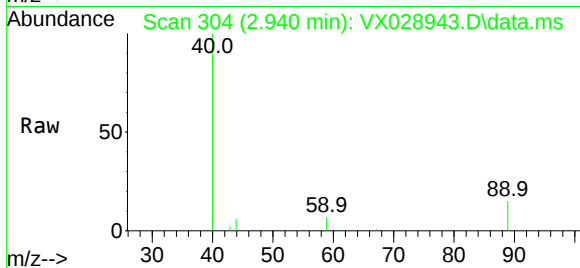
N48967

Tgt Ion: 59 Resp: 634

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.826 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028943.D

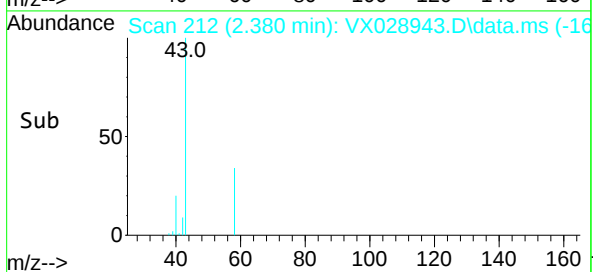
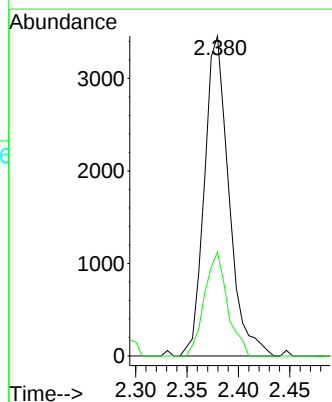
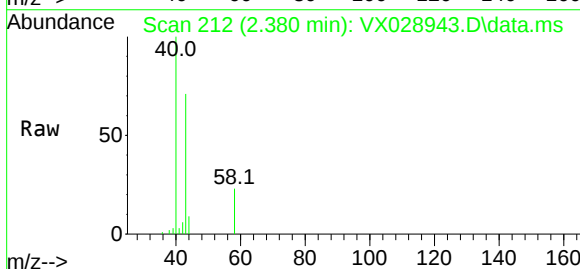
Acq: 25 May 2022 12:21

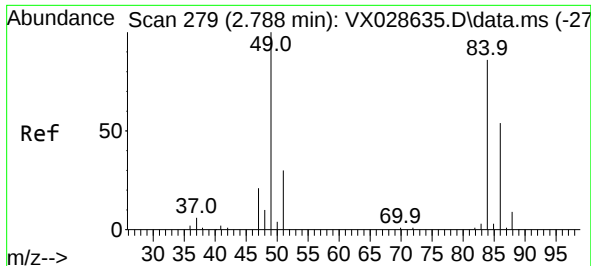
Tgt Ion: 43 Resp: 5747

Ion Ratio Lower Upper

43 100

58 32.6 28.8 43.2

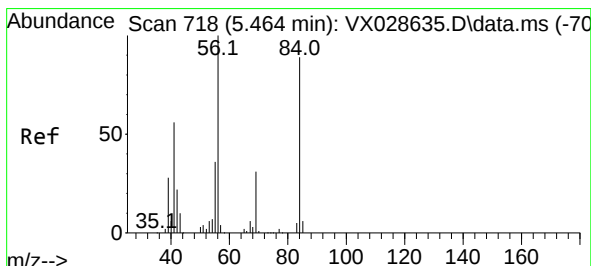
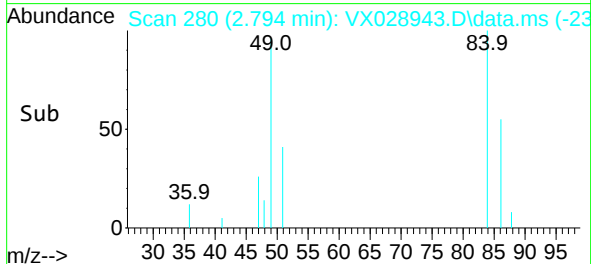
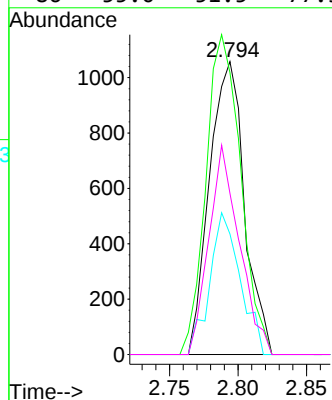
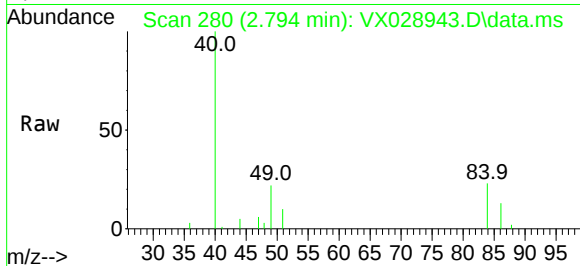




#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

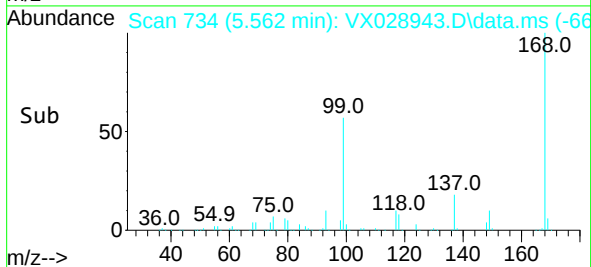
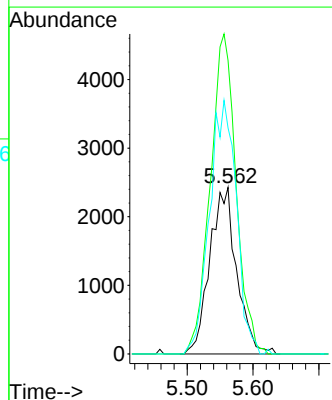
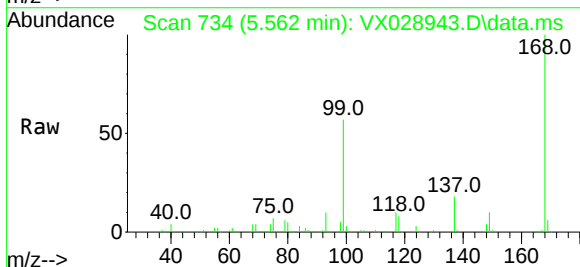
Instrument :
MSVOA_X
ClientSampleId :
N48967

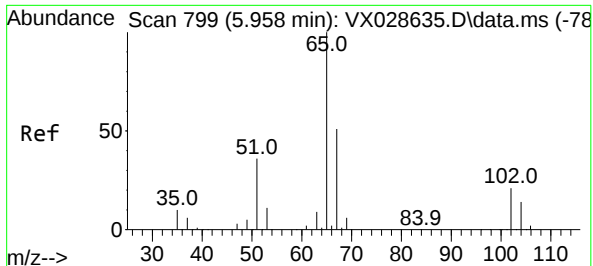
Tgt Ion:	84	Resp:	1873
Ion	Ratio	Lower	Upper
84	100		
49	96.2	85.5	128.3
51	41.1	26.6	39.8#
86	55.0	51.5	77.3



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

Tgt Ion:	56	Resp:	6915
Ion	Ratio	Lower	Upper
56	100		
69	176.3	26.7	40.1#
84	135.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028943.D

Acq: 25 May 2022 12:21

Instrument :

MSVOA_X

ClientSampleId :

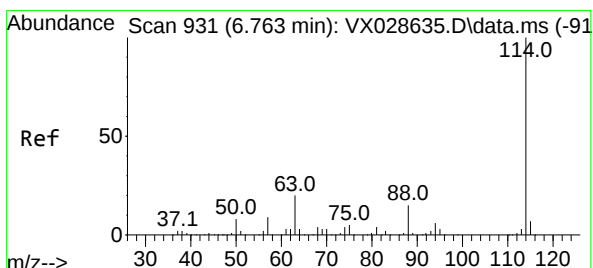
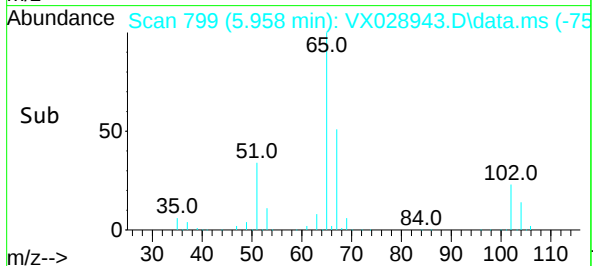
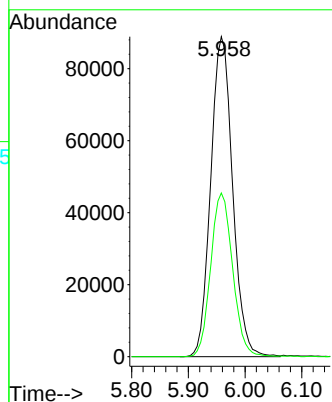
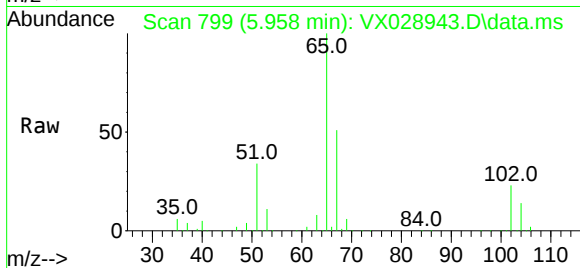
N48967

Tgt Ion: 65 Resp: 238127

Ion Ratio Lower Upper

65 100

67 51.4 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: VX028943.D

Acq: 25 May 2022 12:21

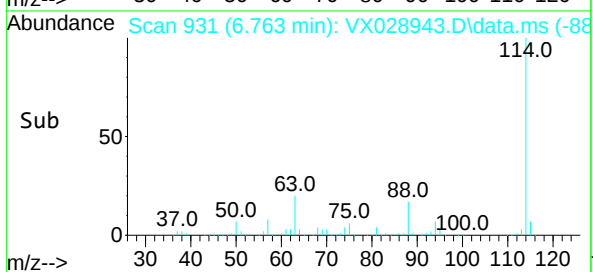
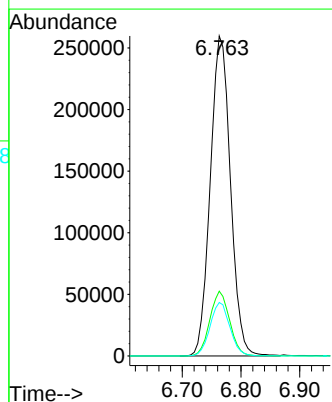
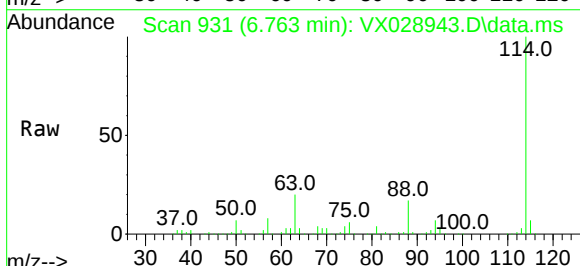
Tgt Ion: 114 Resp: 619615

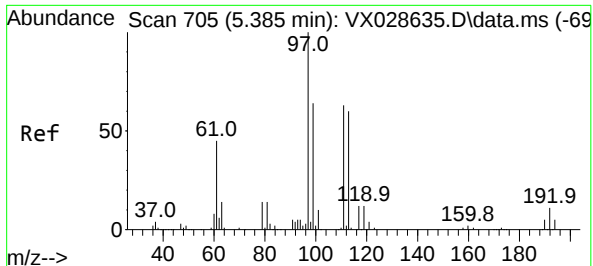
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.611 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028943.D

Acq: 25 May 2022 12:21

Instrument :

MSVOA_X

ClientSampleId :

N48967

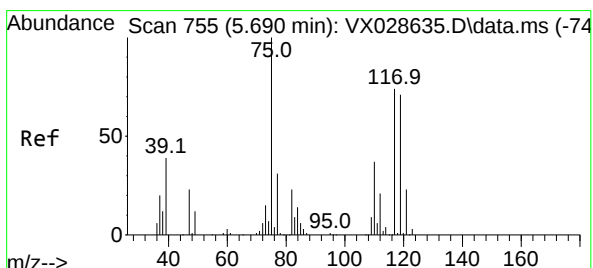
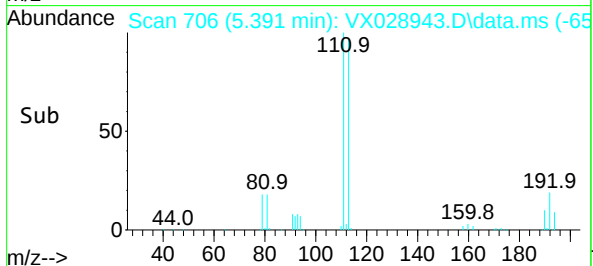
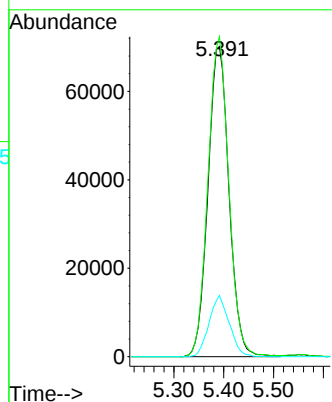
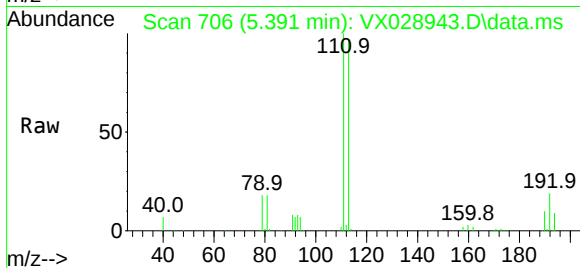
Tgt Ion:113 Resp: 205460

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.418 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028943.D

Acq: 25 May 2022 12:21

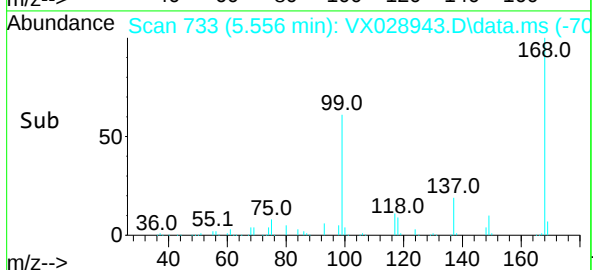
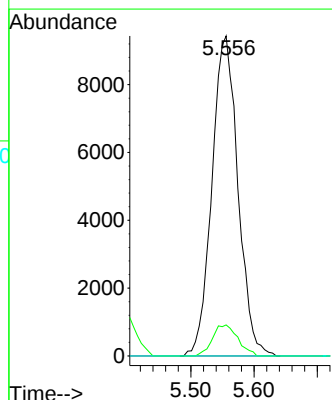
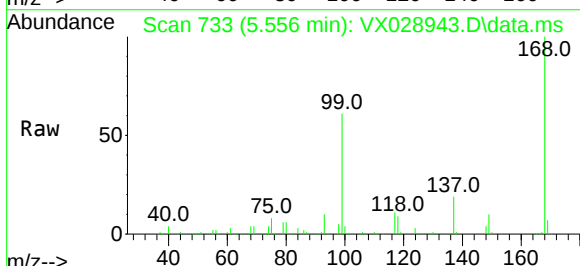
Tgt Ion: 75 Resp: 26940

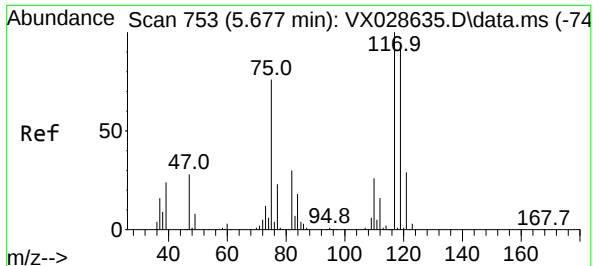
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

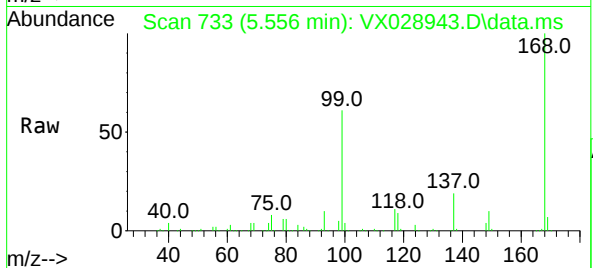
77 0.0 24.8 37.2#



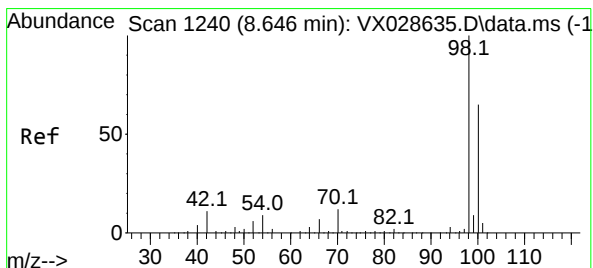
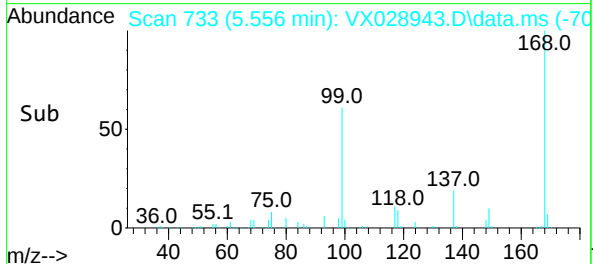
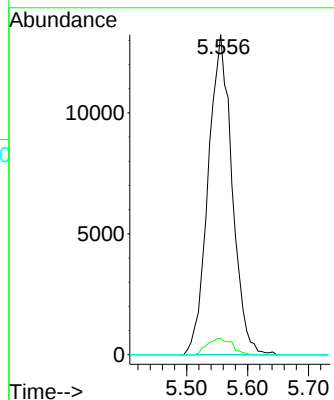


#38
Carbon Tetrachloride
Concen: 5.878 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

Instrument :
MSVOA_X
ClientSampleId :
N48967

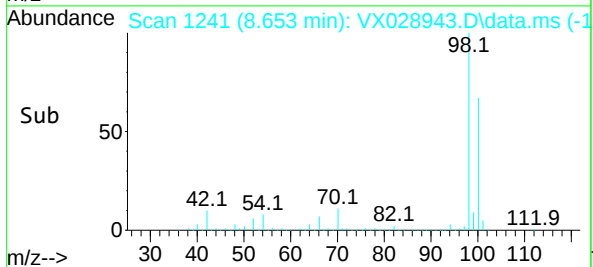
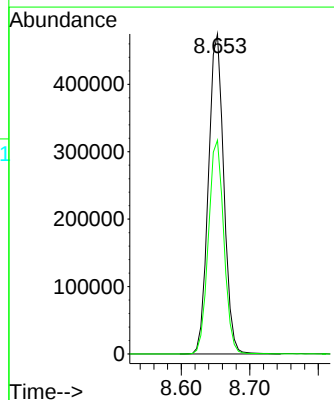
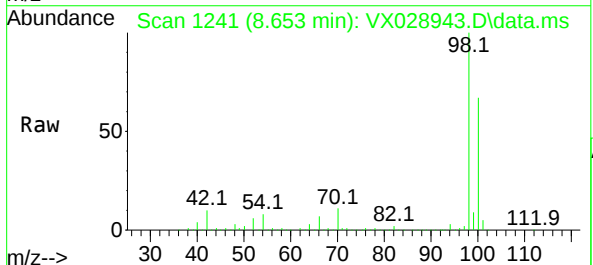


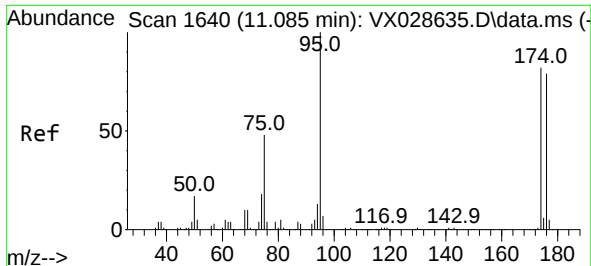
Tgt Ion:117 Resp: 36069
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.394 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

Tgt Ion: 98 Resp: 740689
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

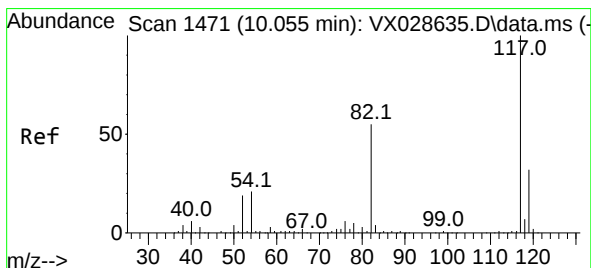
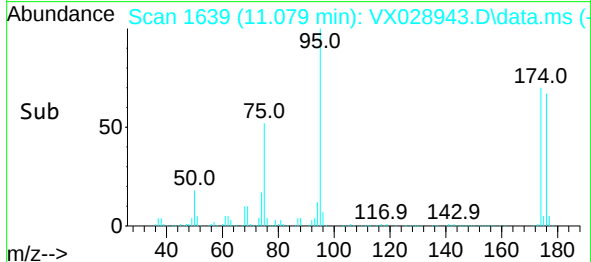
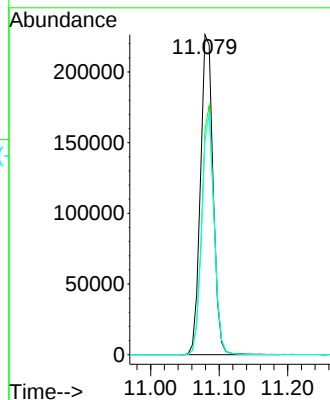
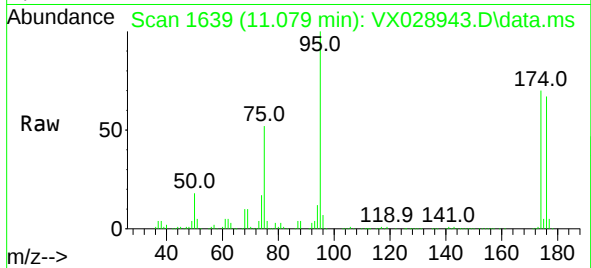




#62
4-Bromofluorobenzene
Concen: 50.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

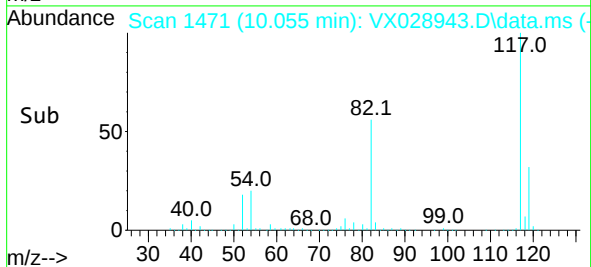
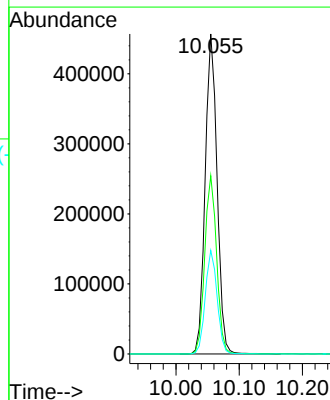
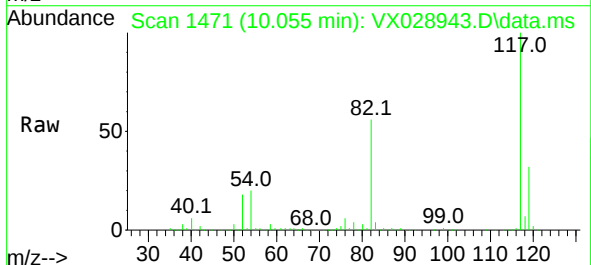
Instrument :
MSVOA_X
ClientSampleId :
N48967

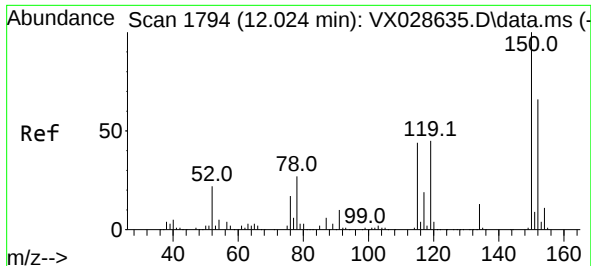
Tgt Ion: 95 Resp: 291286
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 73.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028943.D
Acq: 25 May 2022 12:21

Tgt Ion: 117 Resp: 598438
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.4 24.8 37.2

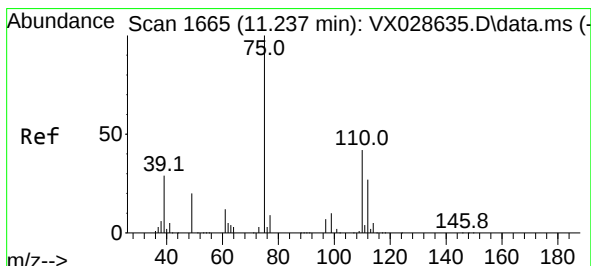
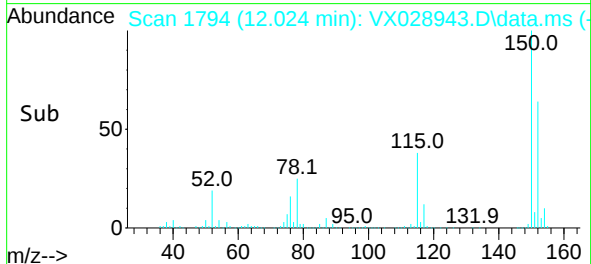
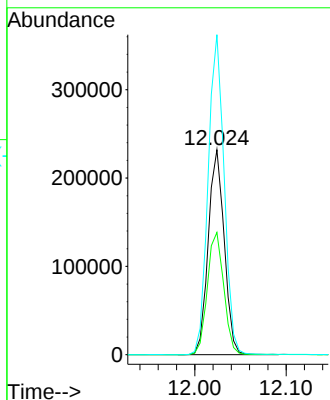
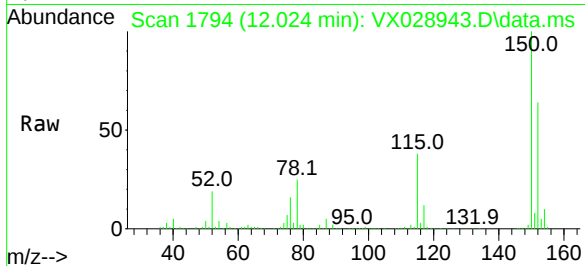




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028943.D
 Acq: 25 May 2022 12:21

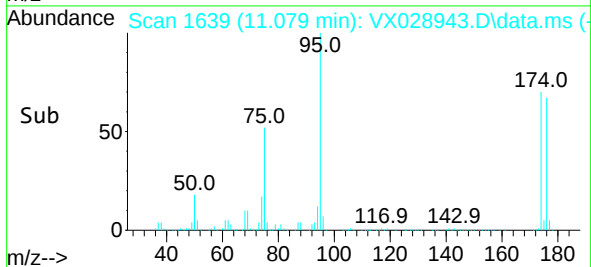
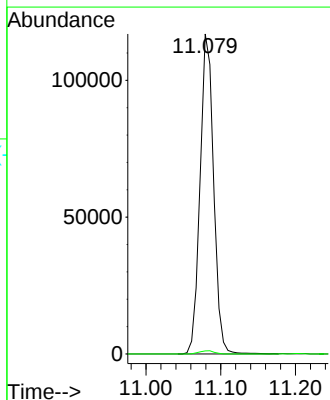
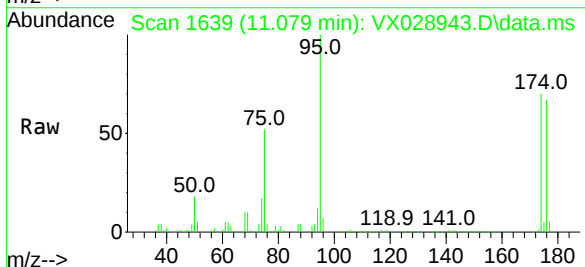
Instrument :
 MSVOA_X
 ClientSampleId :
 N48967

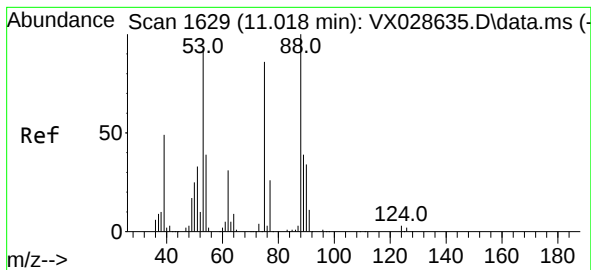
Tgt Ion:152 Resp: 281601
 Ion Ratio Lower Upper
 152 100
 115 61.1 37.5 112.7
 150 156.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.332 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028943.D
 Acq: 25 May 2022 12:21

Tgt Ion: 75 Resp: 147274
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.334 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028943.D
 Acq: 25 May 2022 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 N48967

Tgt Ion: 75 Resp: 147274
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

