

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041500.D
 Acq On : 13 May 2024 18:31
 Operator : JC/MD
 Sample : P2445-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:36:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

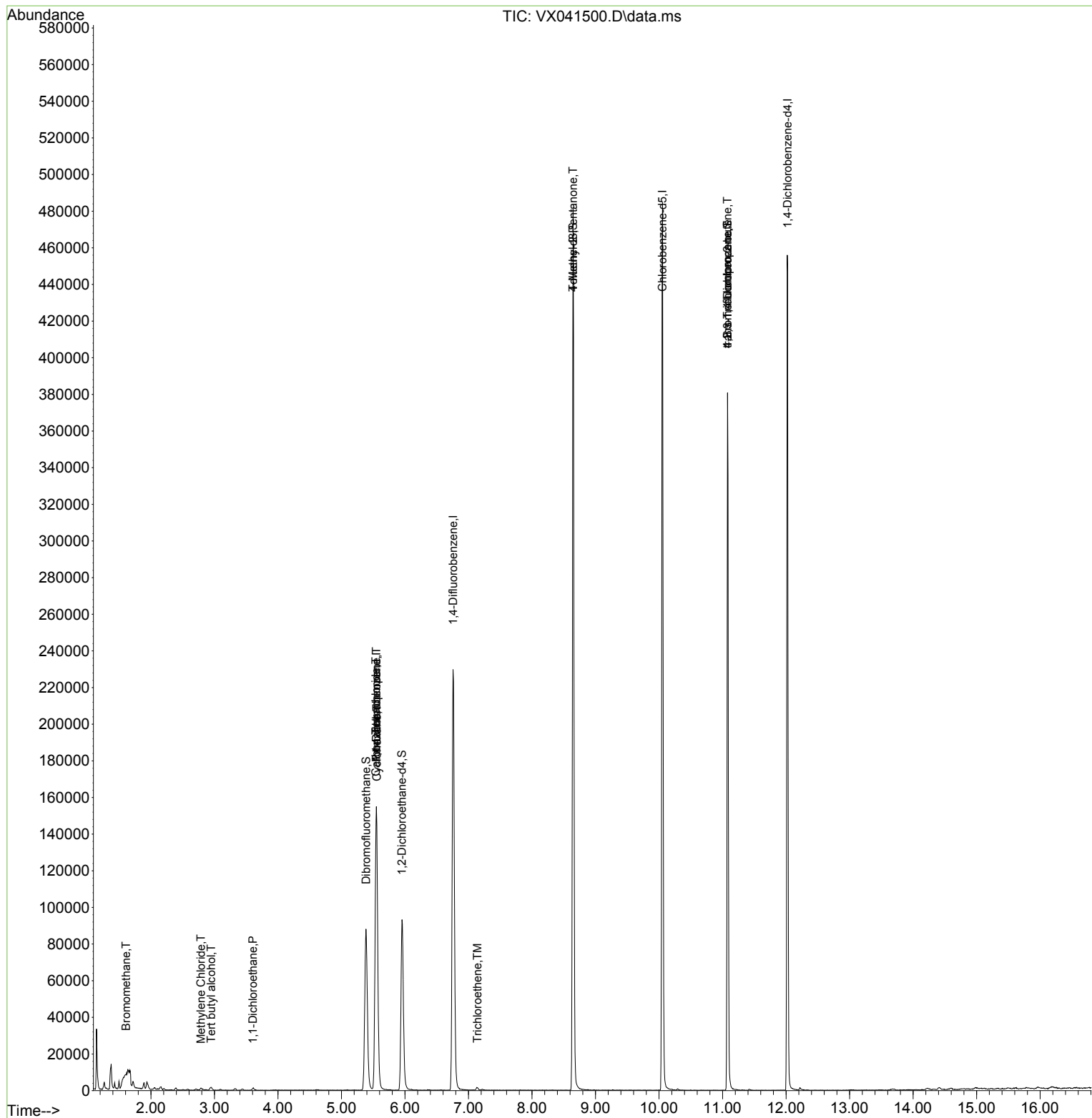
Internal Standards						
1) Pentafluorobenzene	5.550	168	164903	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	244897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92791	51.688	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.380%	
35) Dibromofluoromethane	5.385	113	75611	45.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.120%	
50) Toluene-d8	8.647	98	285410	54.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	11.079	95	93311	45.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	214	0.255	ug/l	# 42
11) Tert butyl alcohol	2.947	59	1130	3.145	ug/l	# 78
16) Acetone	2.392	43	1415	Below Cal		92
20) Methylene Chloride	2.788	84	620	0.398	ug/l	# 78
24) 1,1-Dichloroethane	3.605	63	1627	0.633	ug/l	# 83
31) Cyclohexane	5.556	56	2973	1.372	ug/l	# 20
36) 1,1-Dichloropropene	5.550	75	10575	5.329	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	14760	6.493	ug/l	# 14
44) Trichloroethene	7.141	130	737	0.456	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1399	0.626	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	48702	29.325	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	48702	79.878	ug/l	# 5

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

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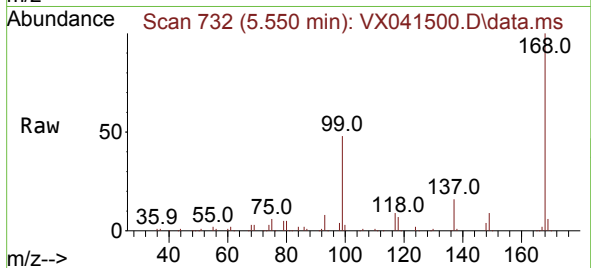
Quant Time: May 14 01:36:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
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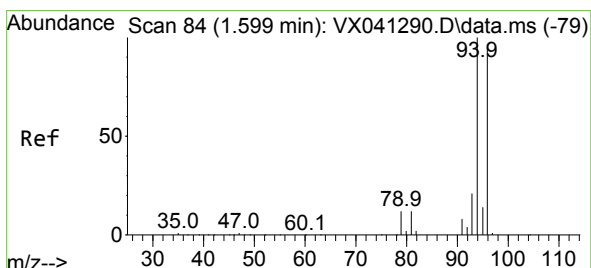
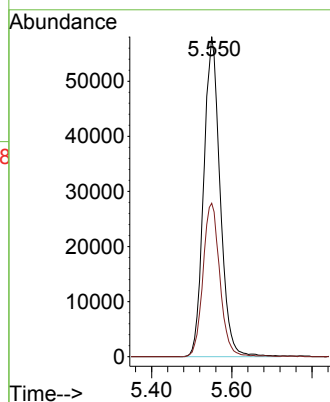
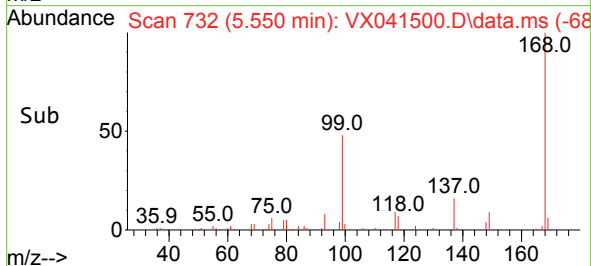


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :

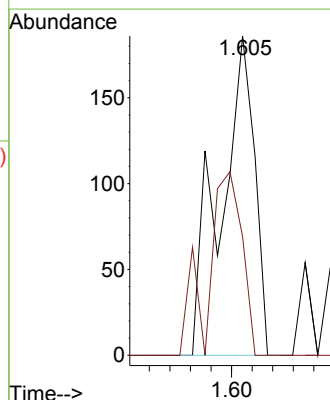
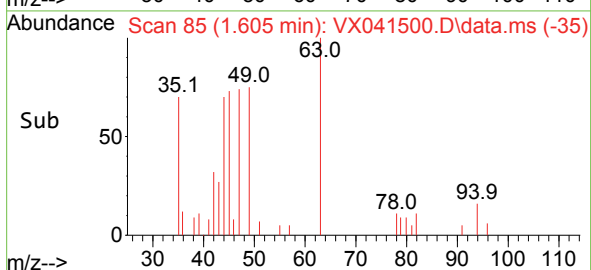
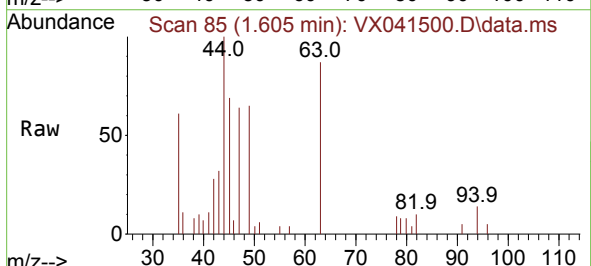


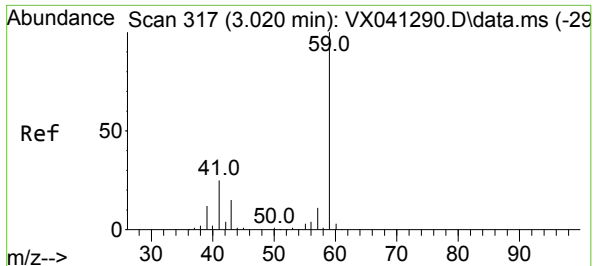
Tgt Ion:168 Resp: 164903
Ion Ratio Lower Upper
168 100
99 48.0 56.6 85.0#



#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

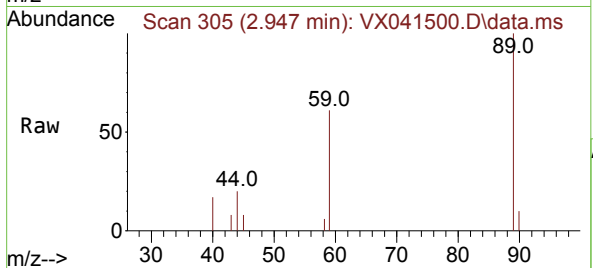
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 37.1 74.6 111.8#



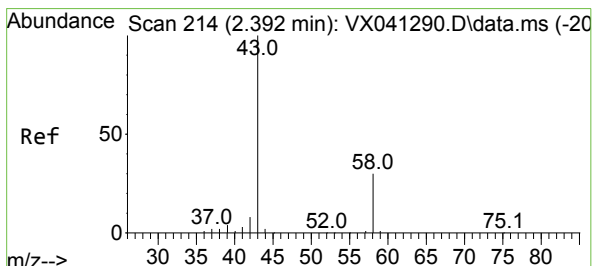
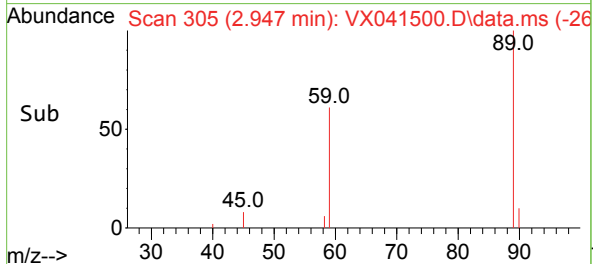
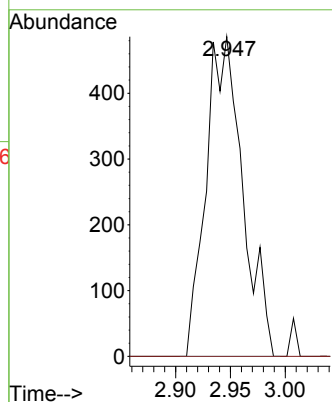


#11
Tert butyl alcohol
Concen: 3.145 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :

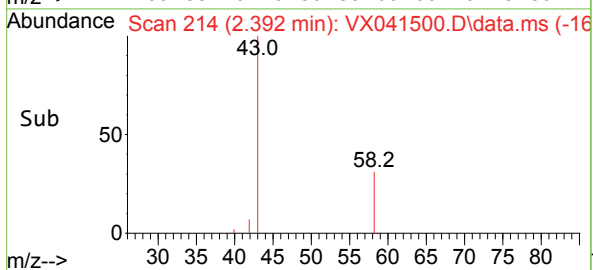
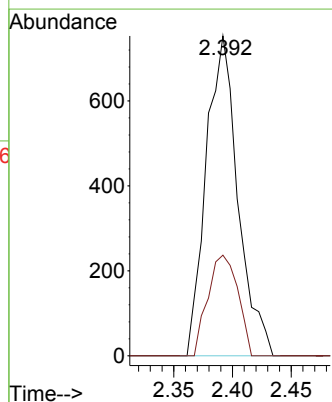
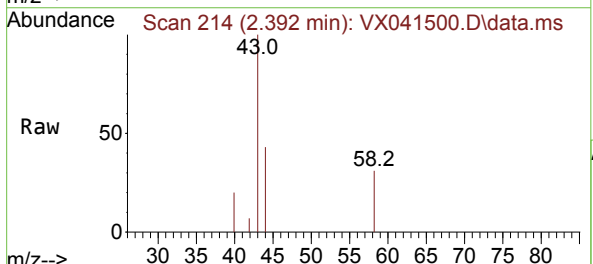


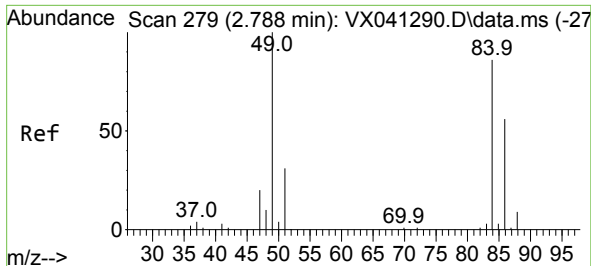
Tgt Ion: 59 Resp: 1130
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.398 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

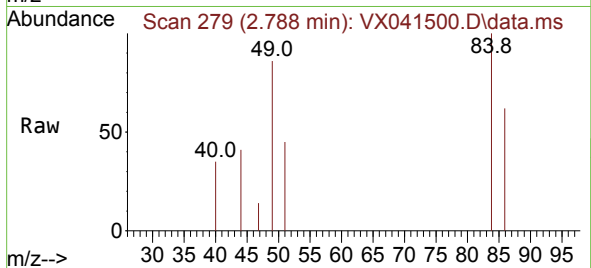
Lab File: VX041500.D

Acq: 13 May 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 620

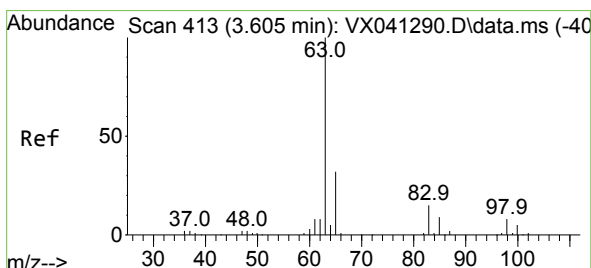
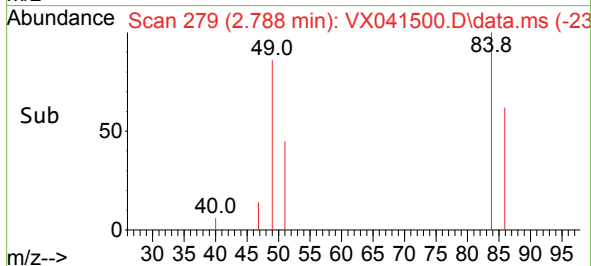
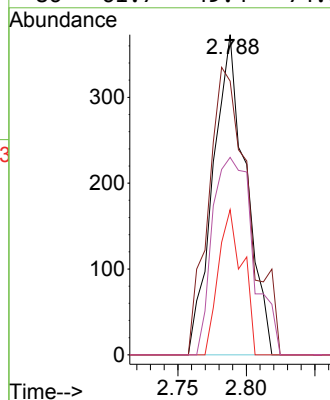
Ion Ratio Lower Upper

84 100

49 85.5 103.6 155.4#

51 45.3 33.8 50.6

86 61.7 49.4 74.0



#24

1,1-Dichloroethane

Concen: 0.633 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041500.D

Acq: 13 May 2024 18:31

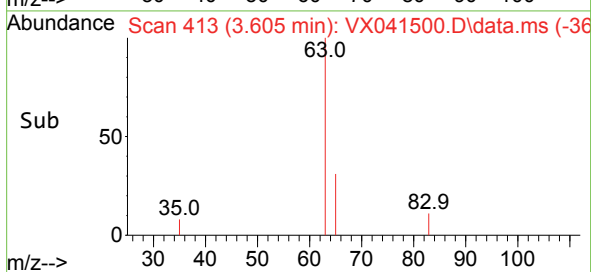
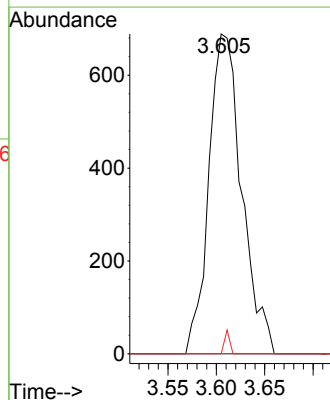
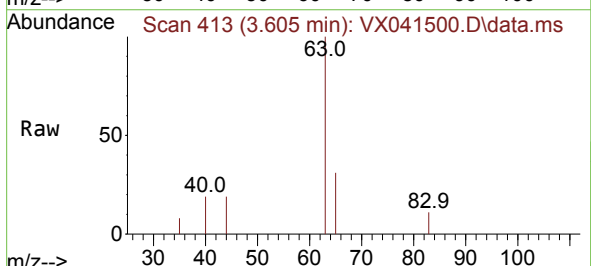
Tgt Ion: 63 Resp: 1627

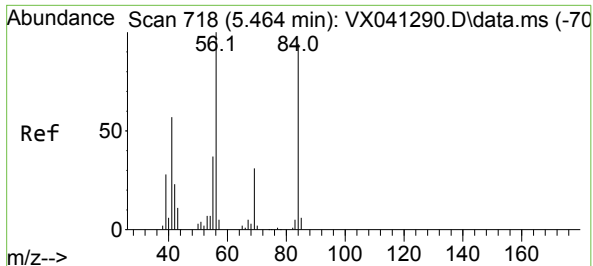
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

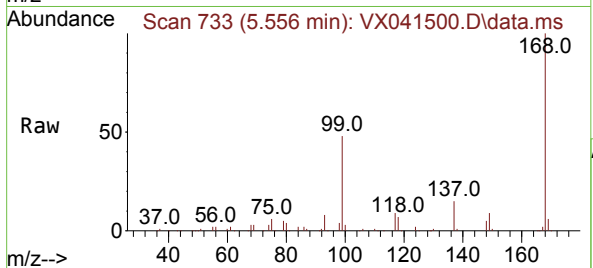
100 0.0 2.1 6.5#



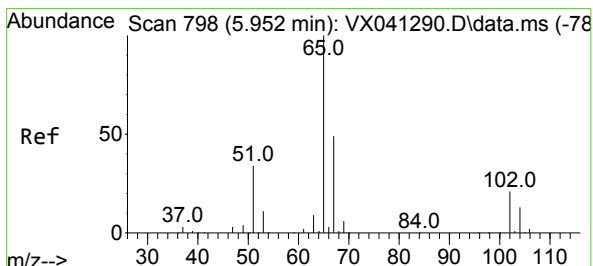
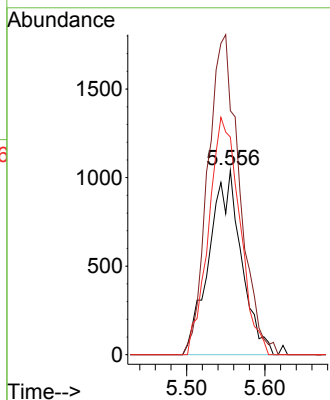
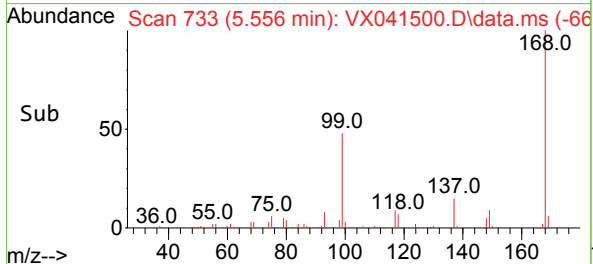


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :

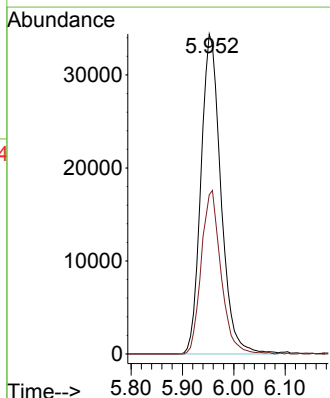
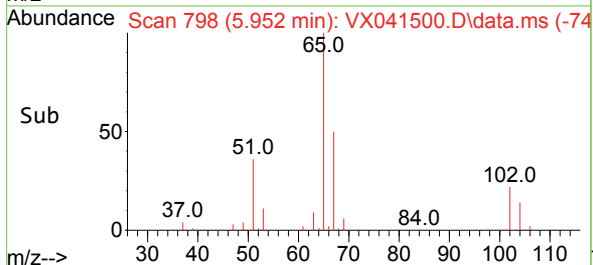
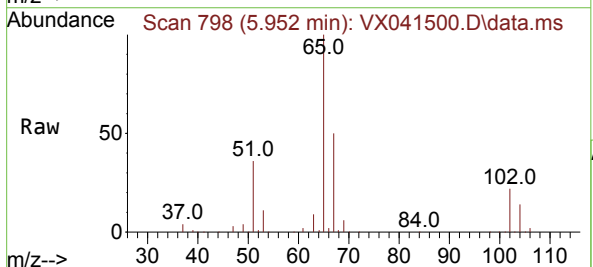


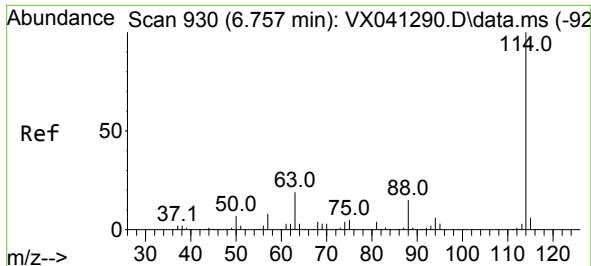
Tgt Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
69 132.4 23.4 35.2#
84 118.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.688 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Tgt Ion: 65 Resp: 92791
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

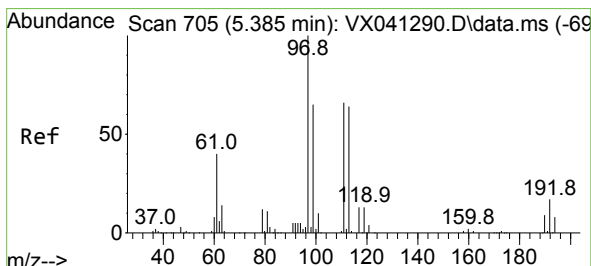
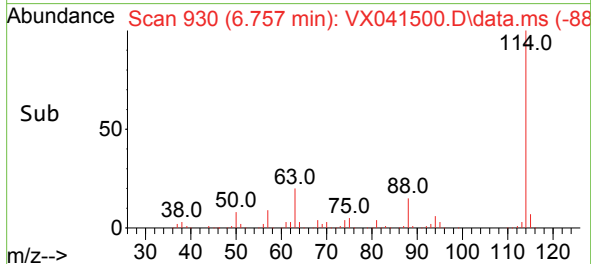
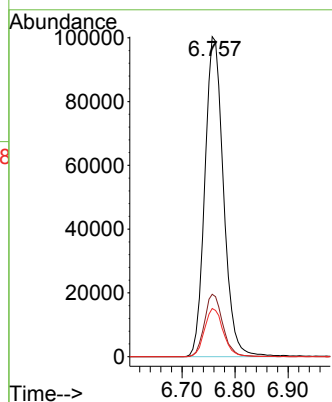
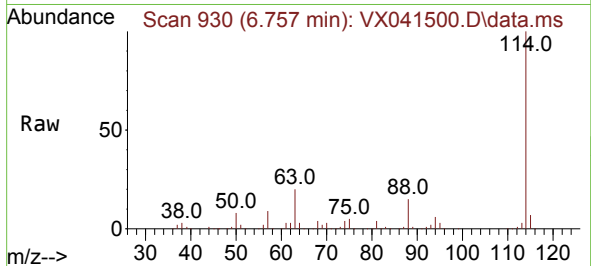




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

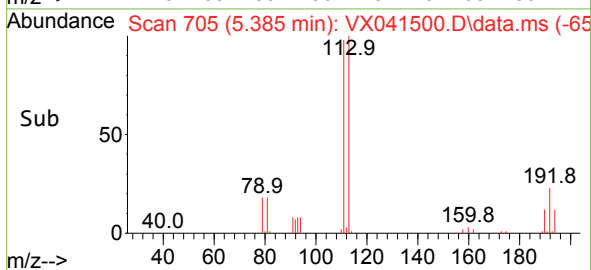
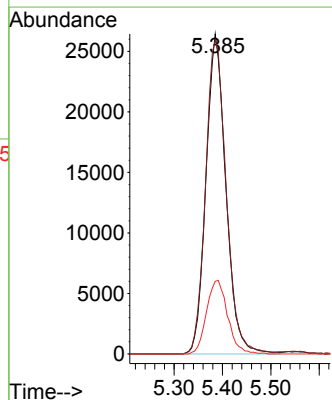
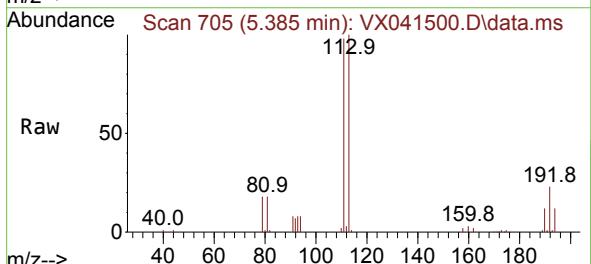
Instrument :
MSVOA_X
ClientSampleId :

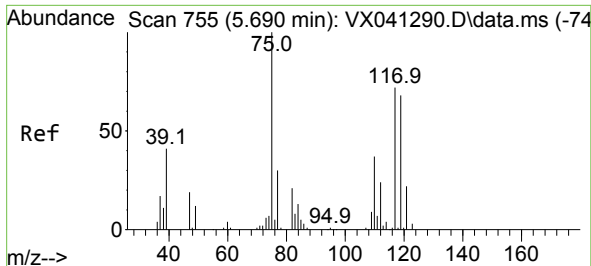
Tgt Ion:114 Resp: 244897
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.560 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Tgt Ion:113 Resp: 75611
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 24.4 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 5.329 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

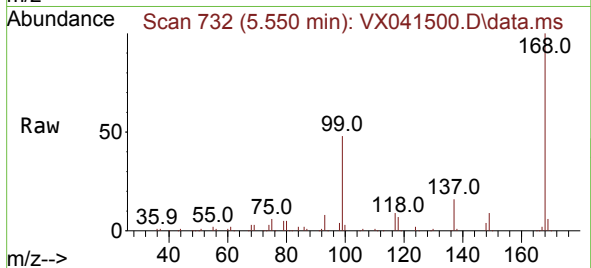
Lab File: VX041500.D

Acq: 13 May 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :



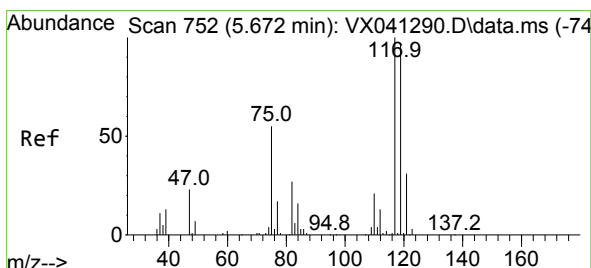
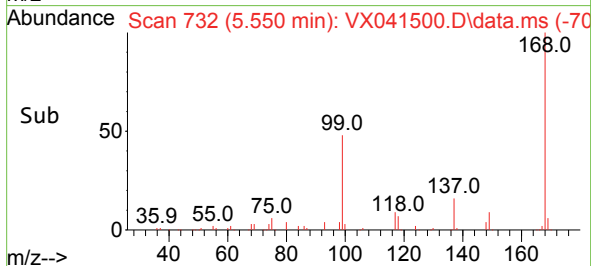
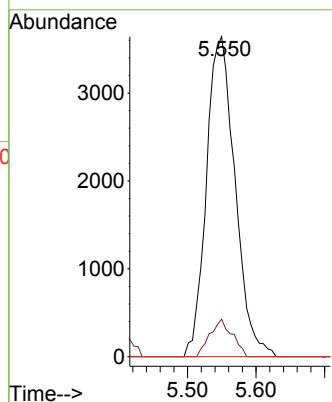
Tgt Ion: 75 Resp: 10575

Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.493 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX041500.D

Acq: 13 May 2024 18:31

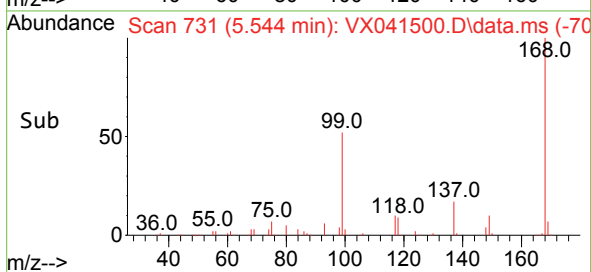
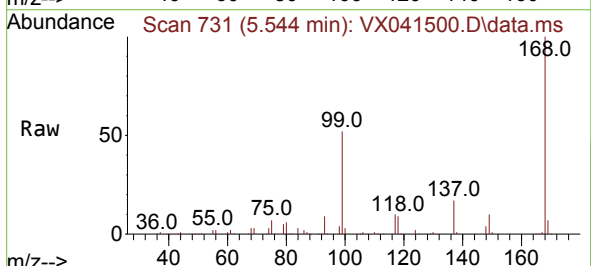
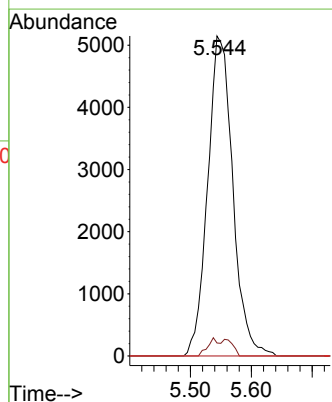
Tgt Ion: 117 Resp: 14760

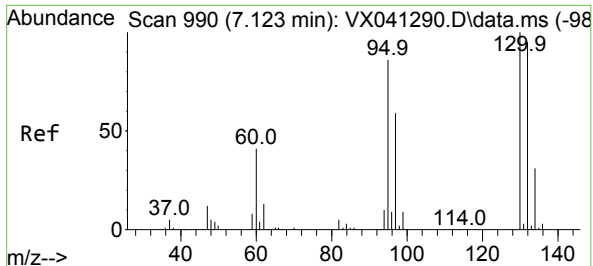
Ion Ratio Lower Upper

117 100

119 4.0 78.2 117.2#

121 0.0 24.4 36.6#

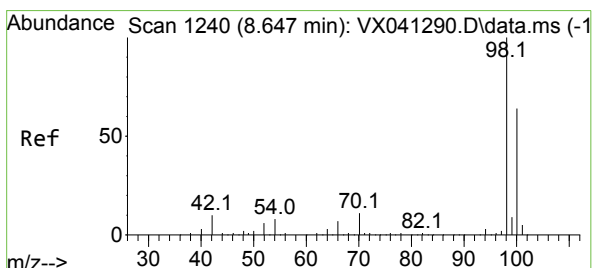
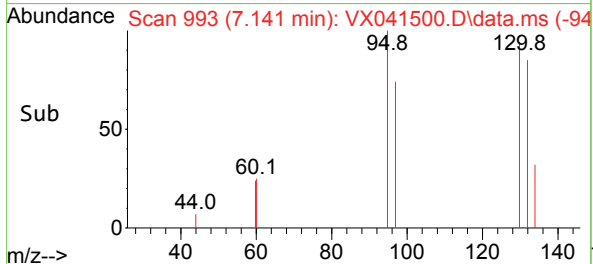
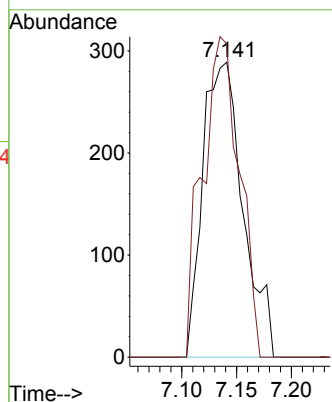
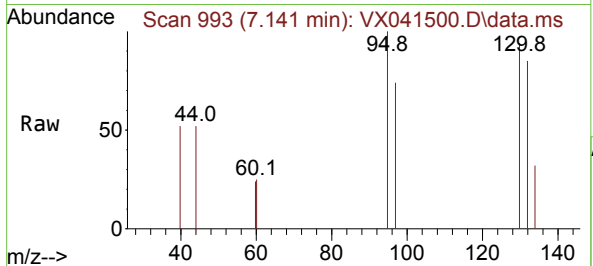




#44
Trichloroethene
Concen: 0.456 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

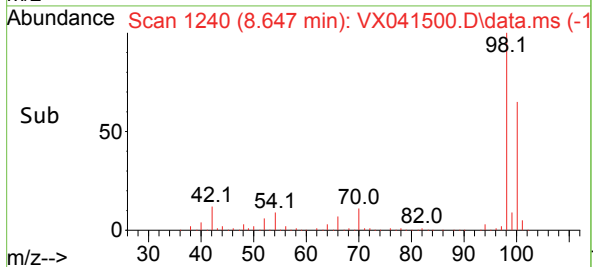
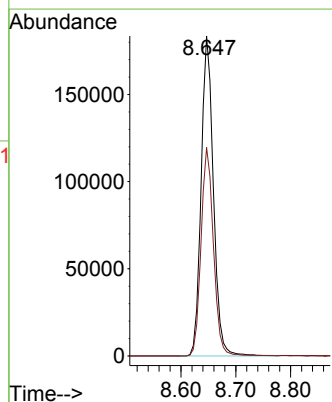
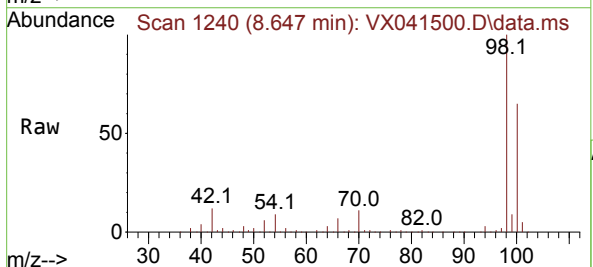
Instrument :
MSVOA_X
ClientSampleId :

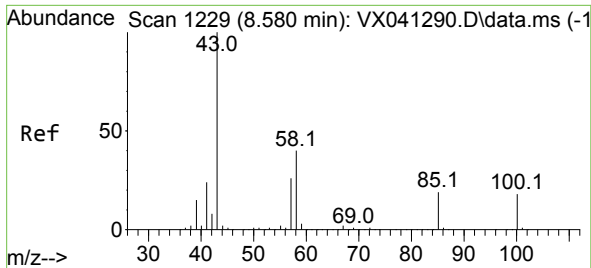
Tgt Ion:130 Resp: 737
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.4



#50
Toluene-d8
Concen: 54.335 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Tgt Ion: 98 Resp: 285410
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

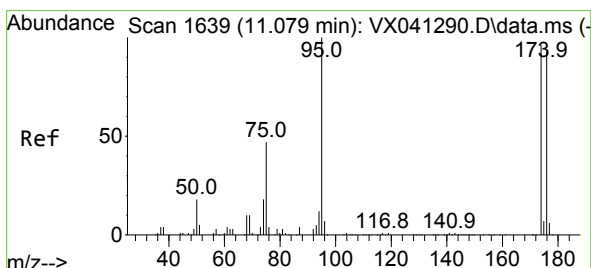
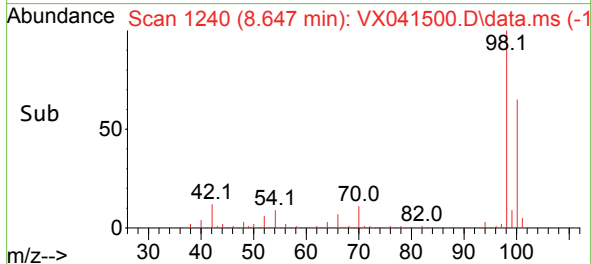
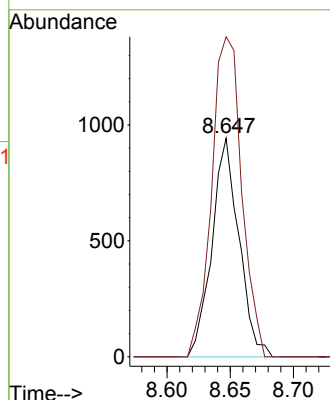
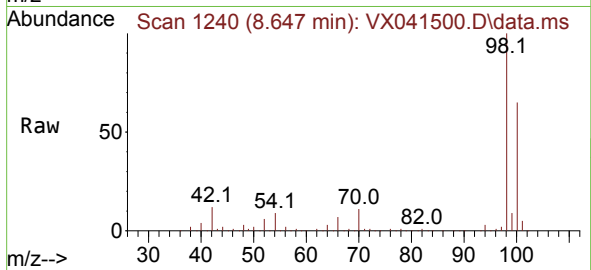




#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

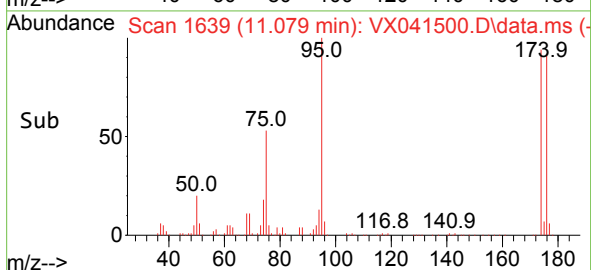
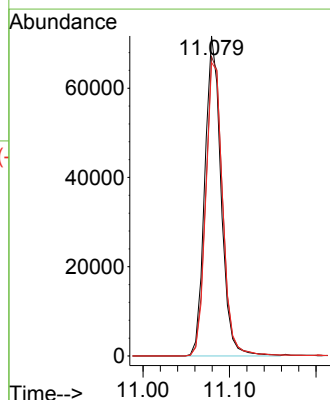
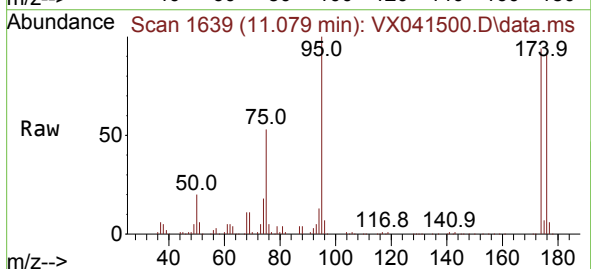
Instrument :
MSVOA_X
ClientSampleId :

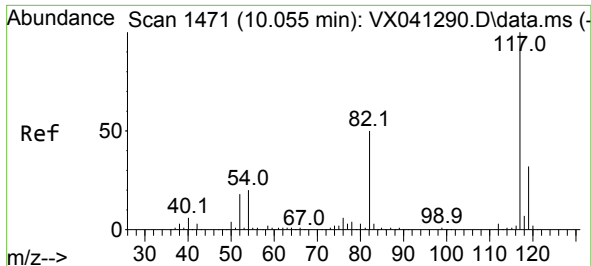
Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 163.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

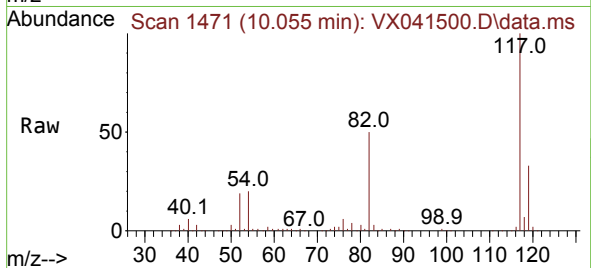
Tgt Ion: 95 Resp: 93311
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 95.9 0.0 131.0



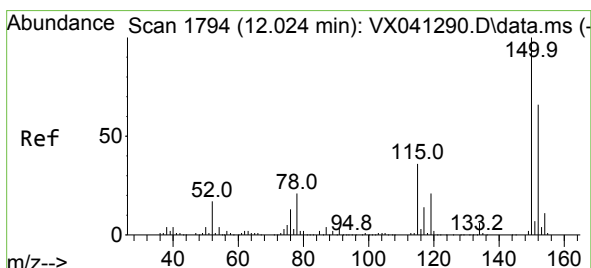
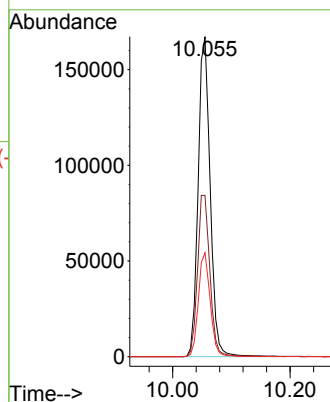
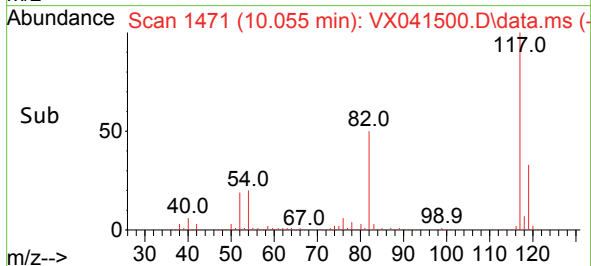


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

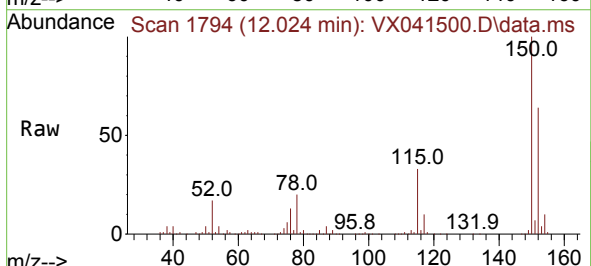
Instrument :
MSVOA_X
ClientSampleId :



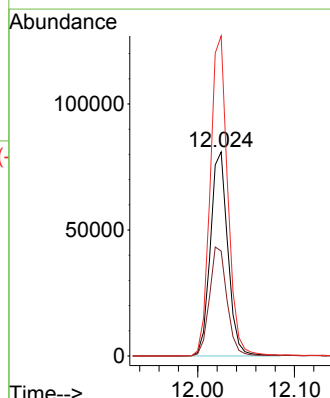
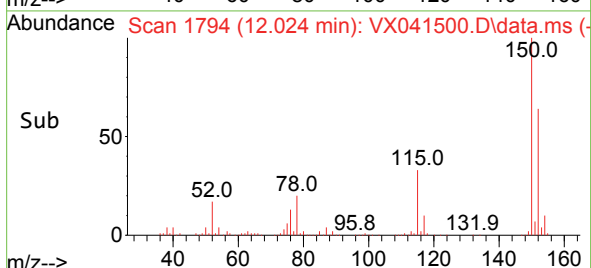
Tgt Ion:117 Resp: 237366
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.5 25.5 38.3

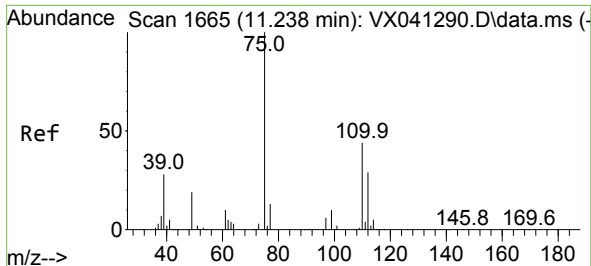


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31



Tgt Ion:152 Resp: 101907
Ion Ratio Lower Upper
152 100
115 53.9 43.3 129.9
150 158.0 0.0 345.0

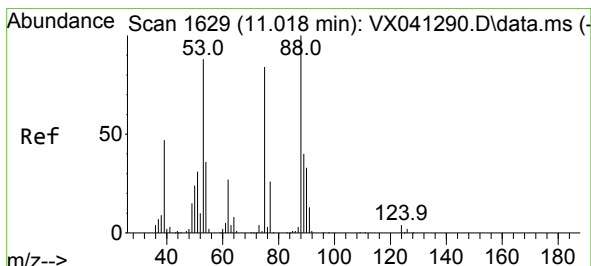
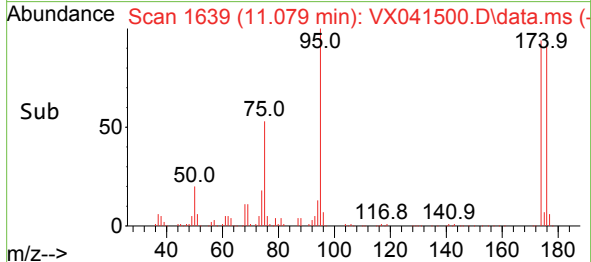
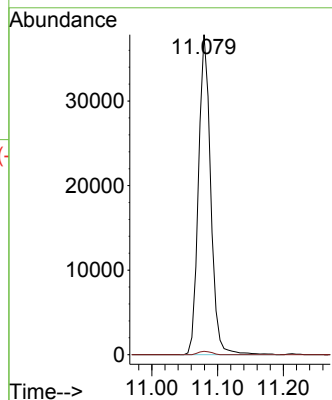
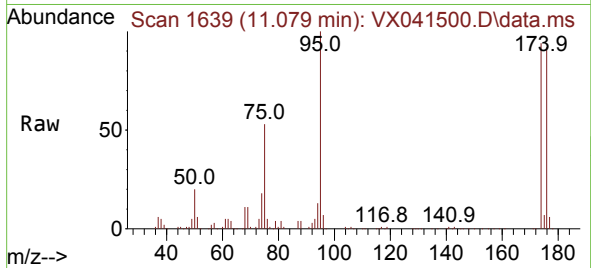




#76
1,2,3-Trichloropropane
Concen: 29.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48702
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041500.D
Acq: 13 May 2024 18:31

Tgt Ion: 75 Resp: 48702
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

