

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042948.D
 Acq On : 08 Aug 2024 12:41
 Operator : JC/MD
 Sample : PB162548ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 04:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

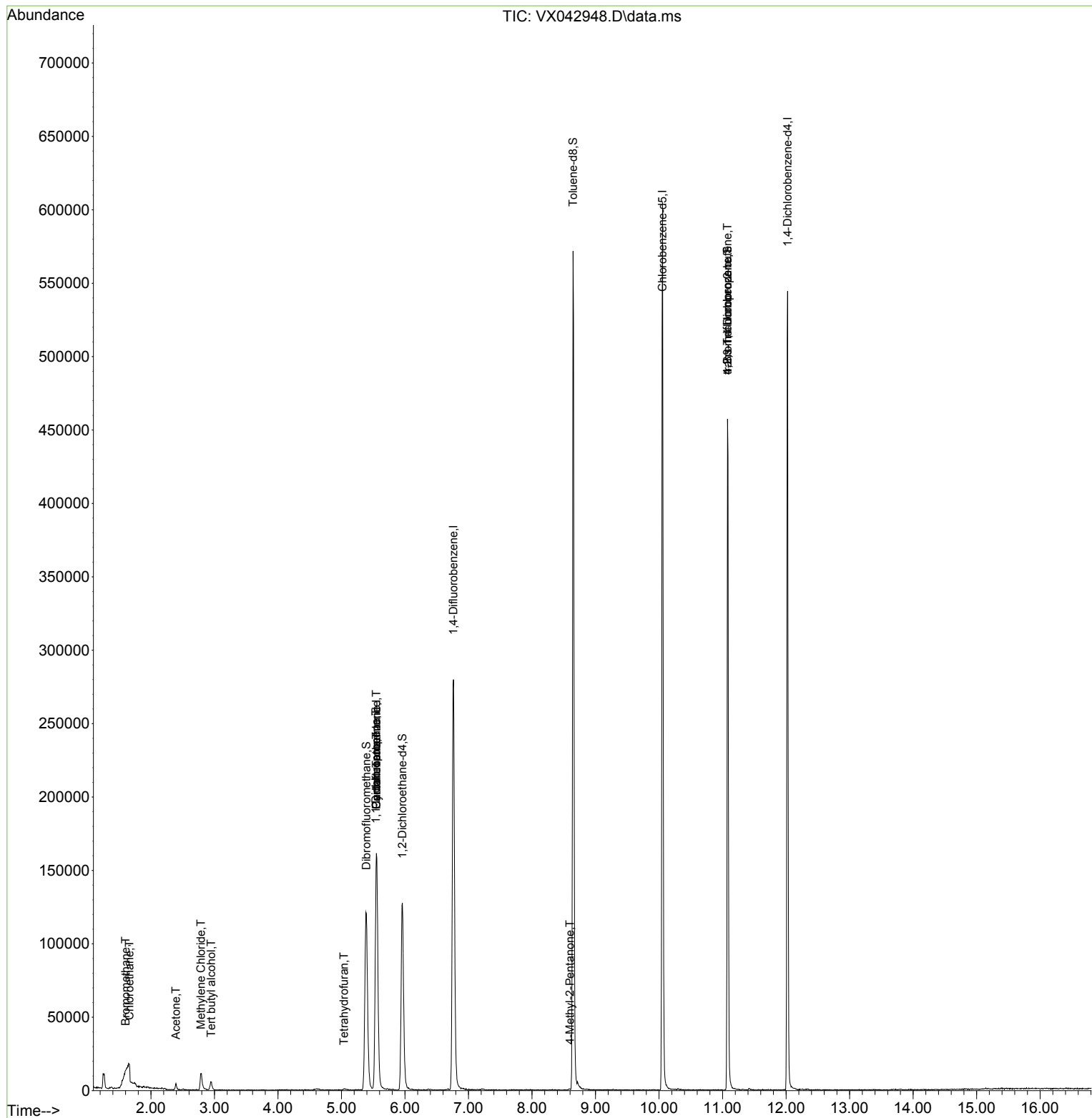
Internal Standards						
1) Pentafluorobenzene	5.550	168	155545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	298409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131464	61.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 123.140%#			
35) Dibromofluoromethane	5.391	113	108096	55.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.800%			
50) Toluene-d8	8.647	98	350503	50.602	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	128708	51.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	842	0.803	ug/l #	65
6) Chloroethane	1.660	64	456	0.462	ug/l #	43
11) Tert butyl alcohol	2.946	59	3927	9.246	ug/l #	78
16) Acetone	2.392	43	4213	4.549	ug/l	93
20) Methylene Chloride	2.788	84	6677	2.590	ug/l #	83
29) Tetrahydrofuran	5.038	42	399	0.406	ug/l #	52
31) Cyclohexane	5.550	56	2995	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11859	4.483	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16542	5.540	ug/l #	15
51) 4-Methyl-2-Pentanone	8.598	43	860	0.262	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	66185	25.079	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66185	81.544	ug/l #	5

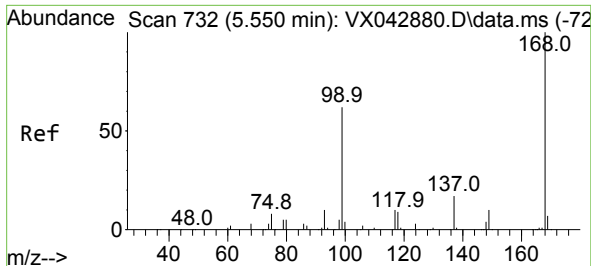
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
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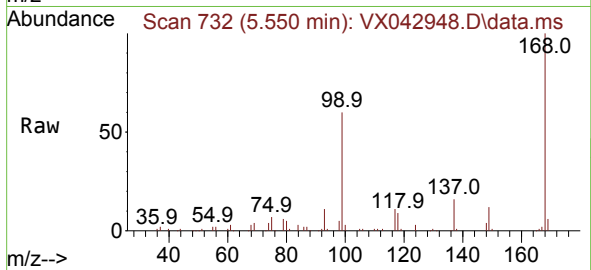
Quant Time: Aug 09 04:43:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
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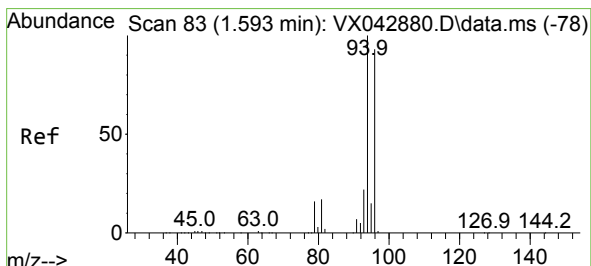
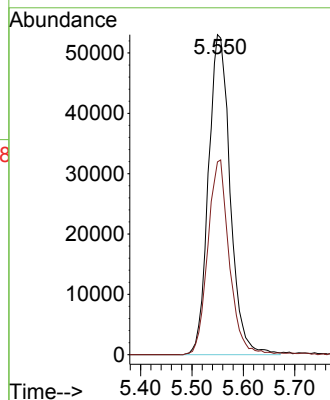
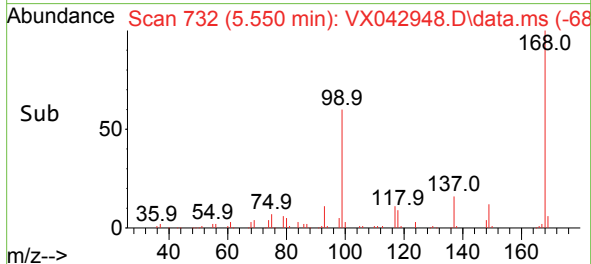


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

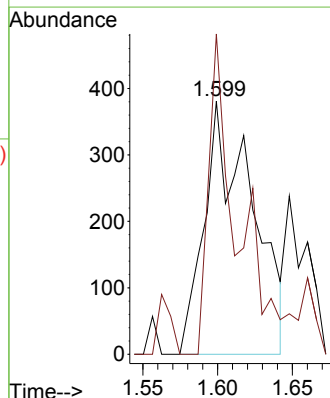
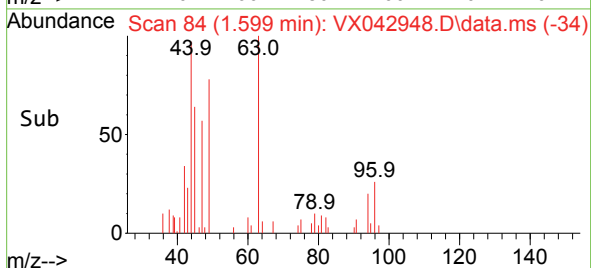
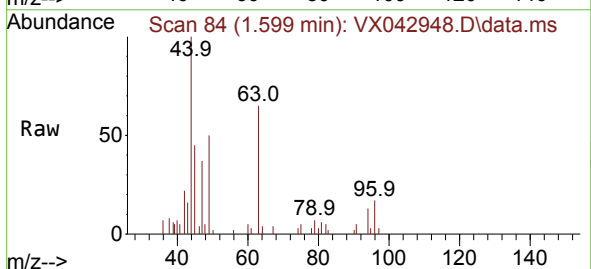


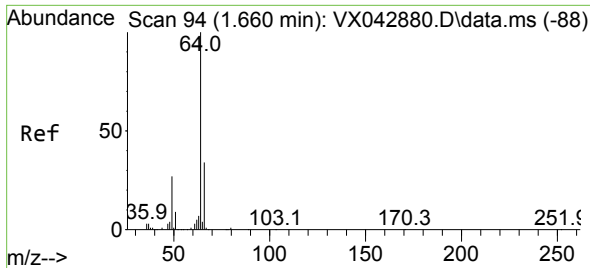
Tgt Ion:168 Resp: 155545
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#5
Bromomethane
Concen: 0.803 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 126.5 74.6 111.8#

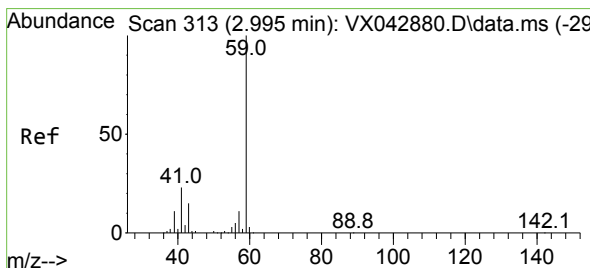
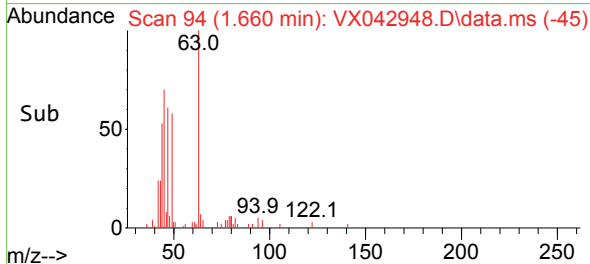
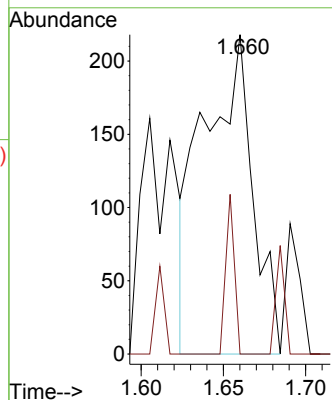
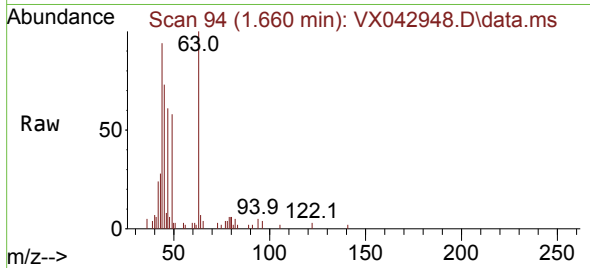




#6
Chloroethane
Concen: 0.462 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

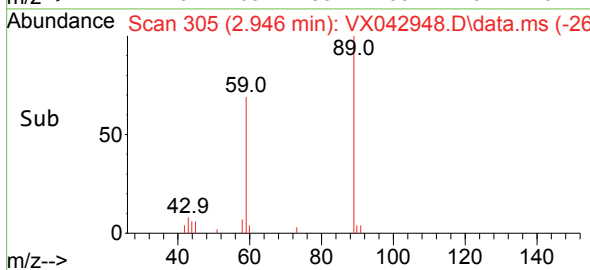
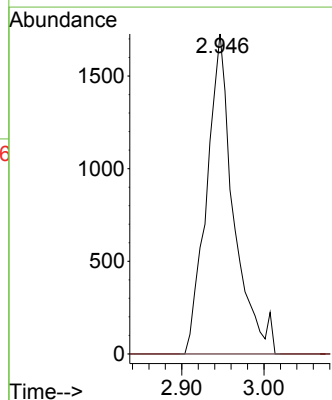
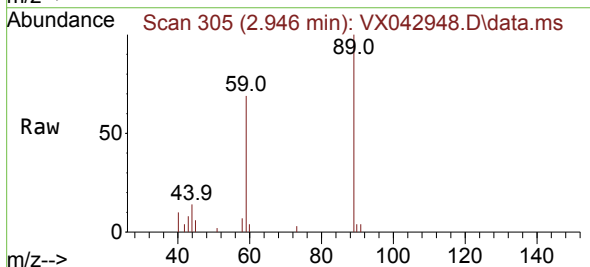
Instrument :
MSVOA_X
ClientSampleId :

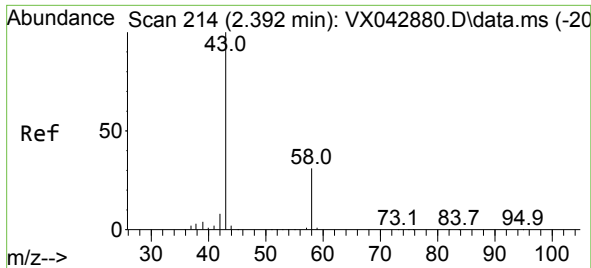
Tgt Ion: 64 Resp: 456
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 9.246 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion: 59 Resp: 3927
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

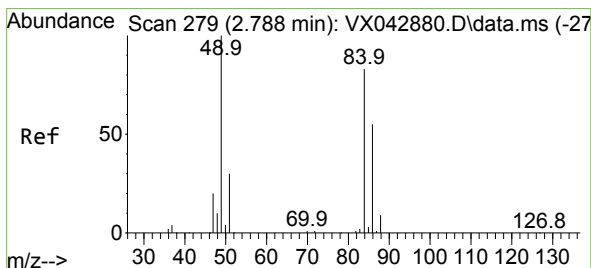
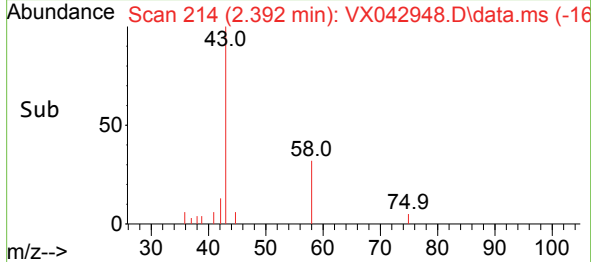
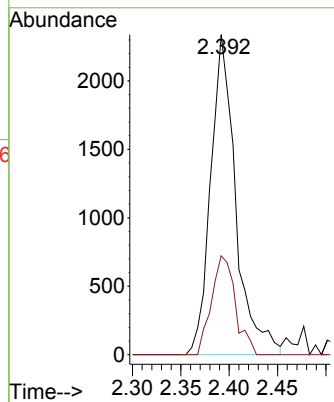
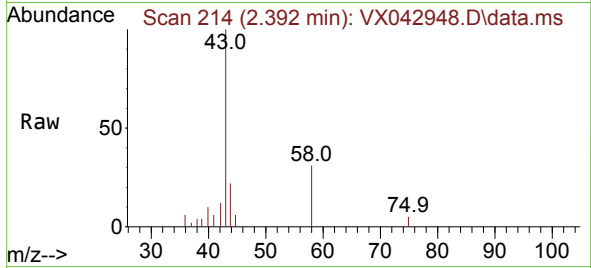




#16
Acetone
Concen: 4.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

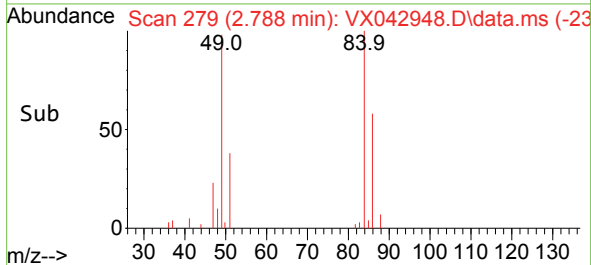
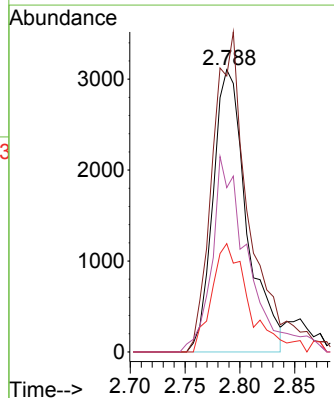
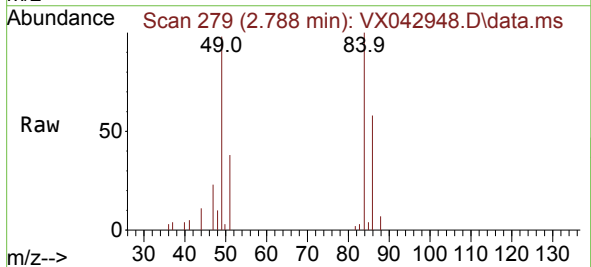
Instrument :
MSVOA_X
ClientSampleId :

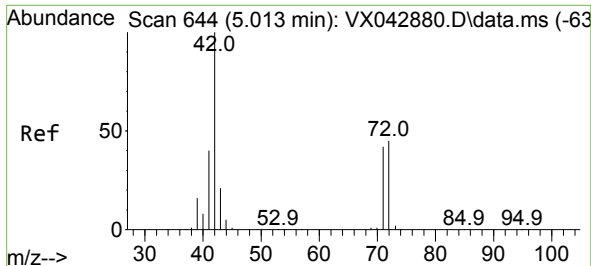
Tgt Ion: 43 Resp: 4213
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#20
Methylene Chloride
Concen: 2.590 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion: 84 Resp: 6677
Ion Ratio Lower Upper
84 100
49 97.8 103.6 155.4#
51 38.4 33.8 50.6
86 58.2 49.4 74.0

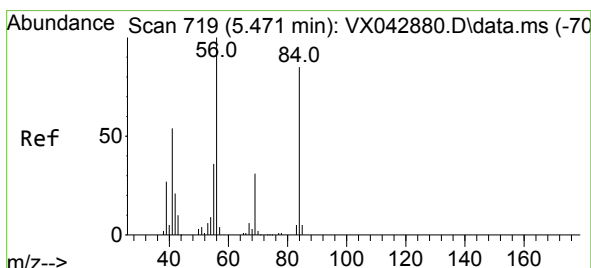
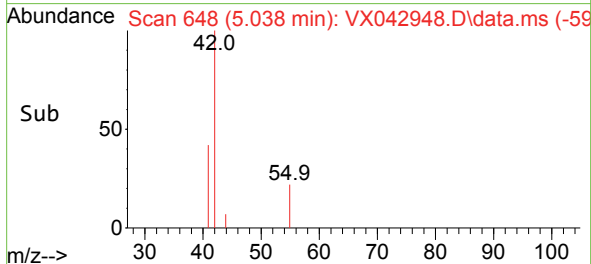
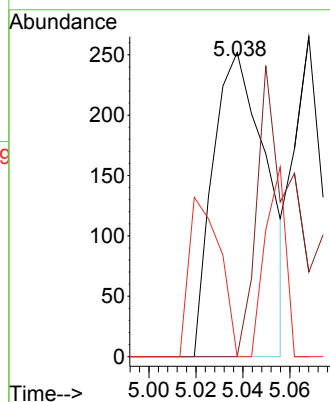
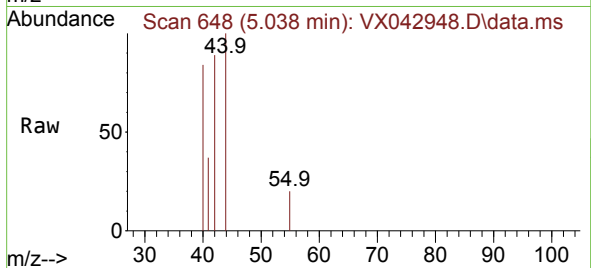




#29
Tetrahydrofuran
Concen: 0.406 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

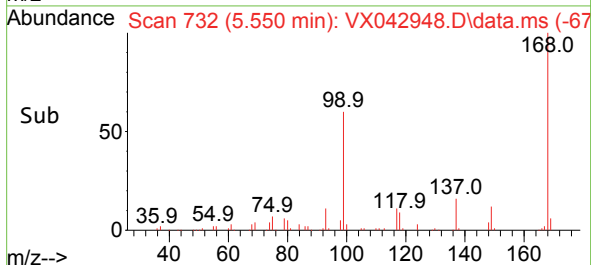
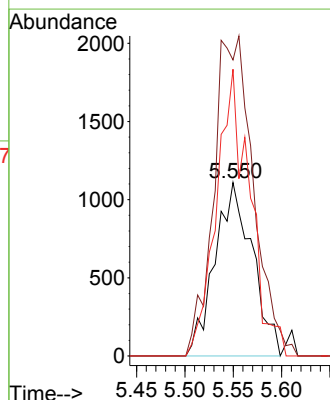
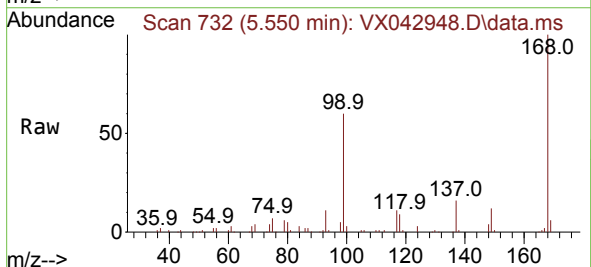
Instrument :
MSVOA_X
ClientSampleId :

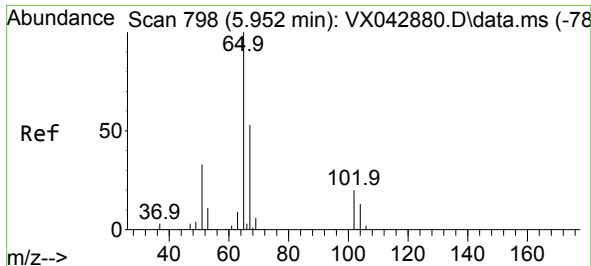
Tgt Ion: 42 Resp: 399
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 22.6 32.2 48.2#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion: 56 Resp: 2995
Ion Ratio Lower Upper
56 100
69 170.6 23.4 35.2#
84 165.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 61.566 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042948.D

Acq: 08 Aug 2024 12:41

Instrument :

MSVOA_X

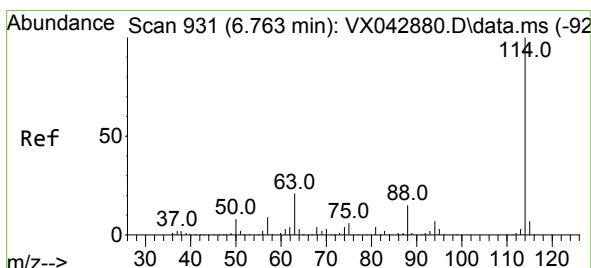
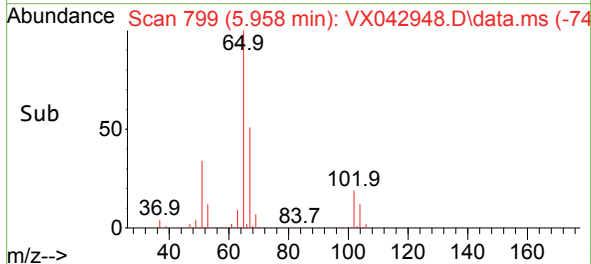
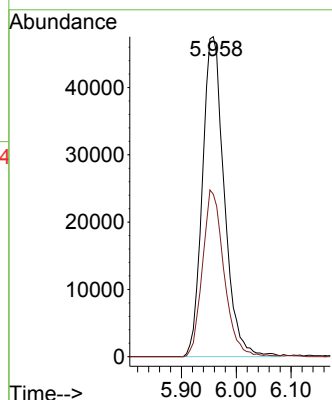
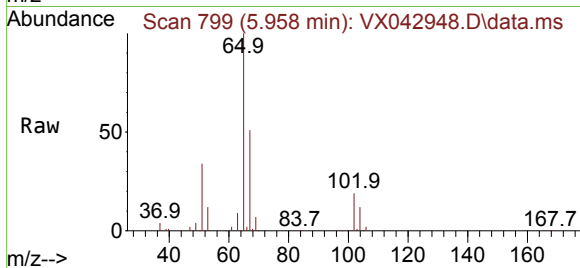
ClientSampleId :

Tgt Ion: 65 Resp: 131464

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042948.D

Acq: 08 Aug 2024 12:41

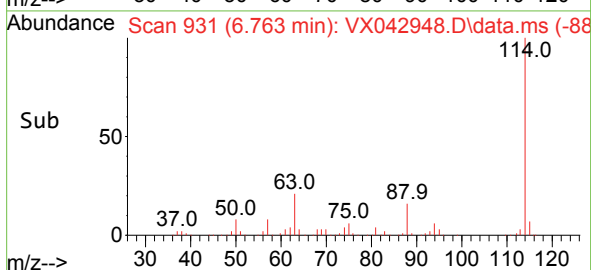
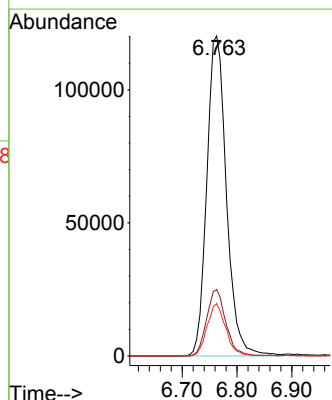
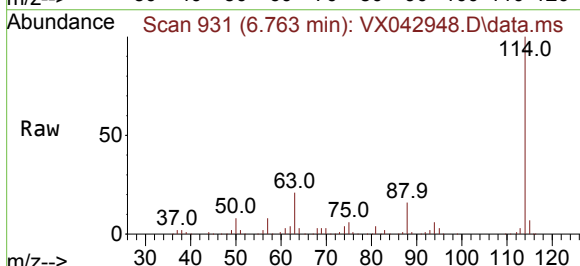
Tgt Ion: 114 Resp: 298409

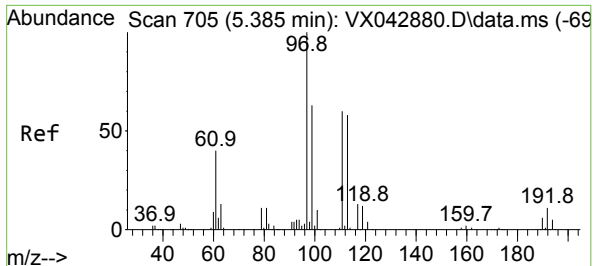
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

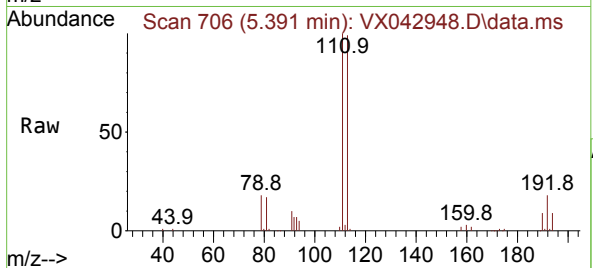
88 16.3 0.0 36.6



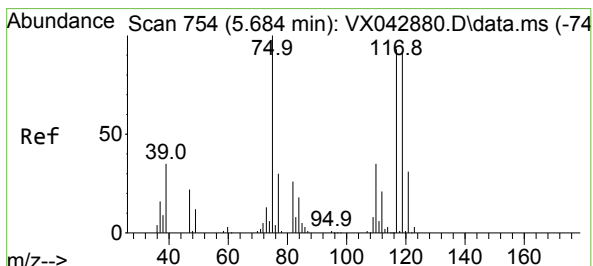
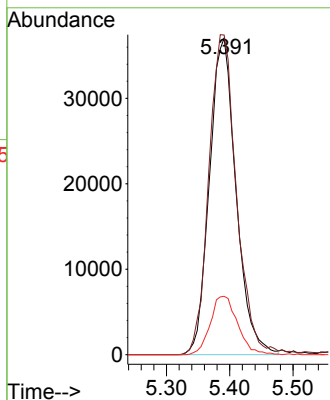
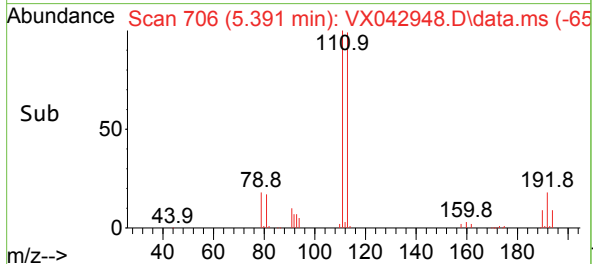


#35
Dibromofluoromethane
Concen: 55.401 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

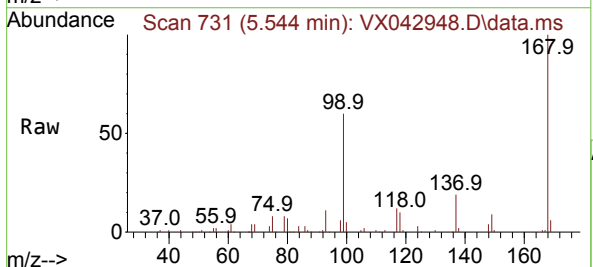
Instrument :
MSVOA_X
ClientSampleId :



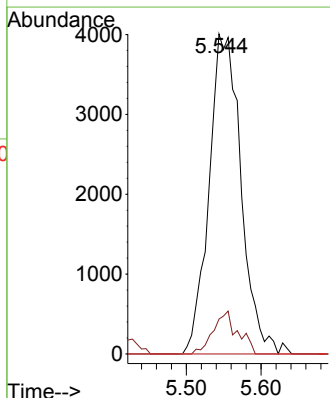
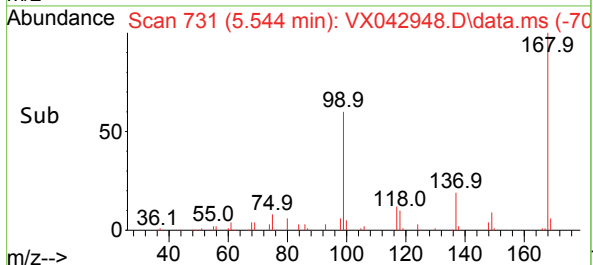
Tgt Ion:113 Resp: 108096
Ion Ratio Lower Upper
113 100
111 105.3 82.9 124.3
192 18.9 13.3 19.9

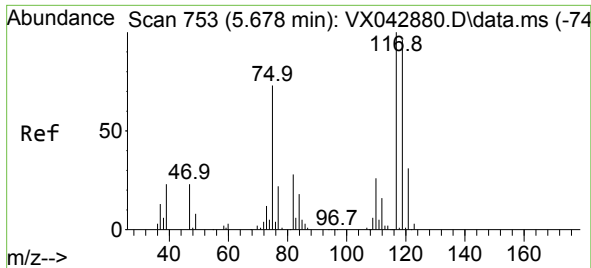


#36
1,1-Dichloropropene
Concen: 4.483 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41



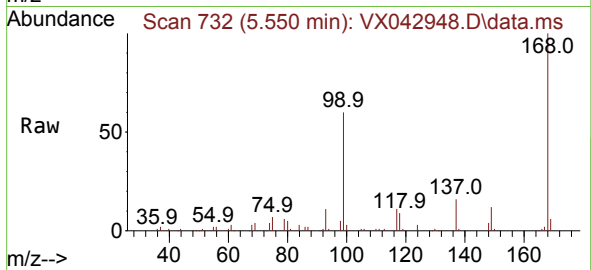
Tgt Ion: 75 Resp: 11859
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



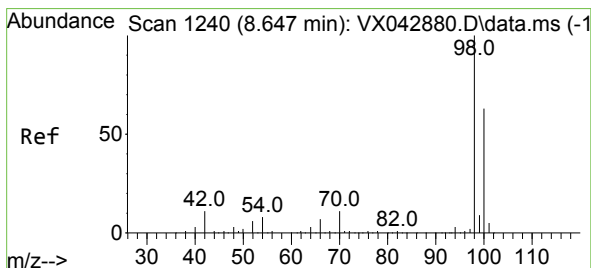
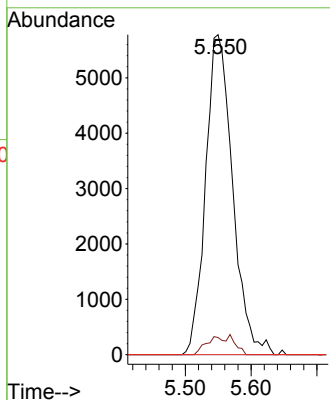
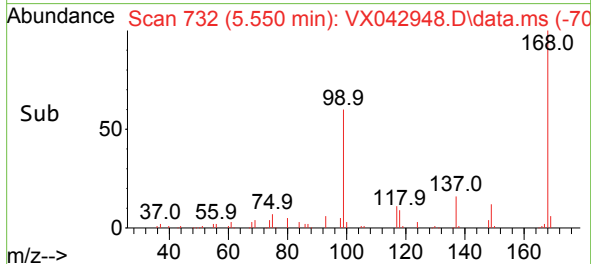


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

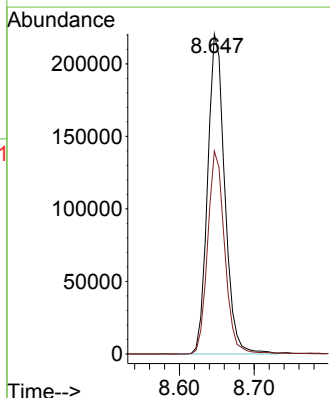
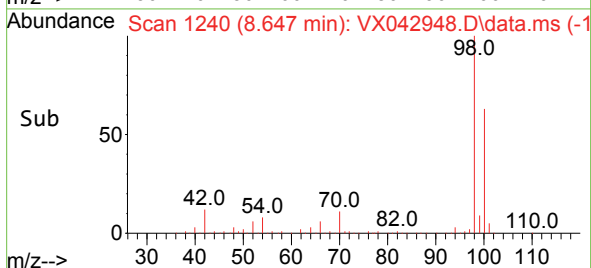
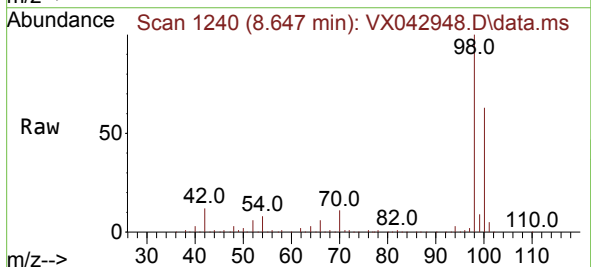


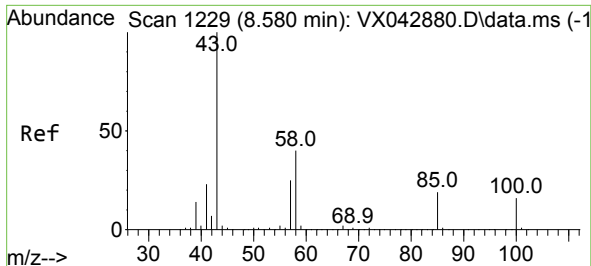
Tgt Ion:117 Resp: 16542
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.602 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion: 98 Resp: 350503
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.262 ug/l

RT: 8.598 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VX042948.D

Acq: 08 Aug 2024 12:41

Instrument :

MSVOA_X

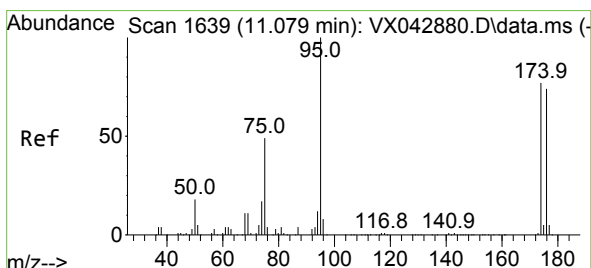
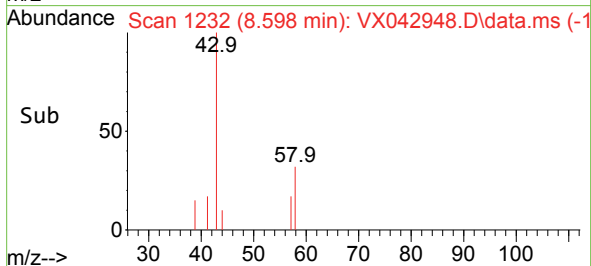
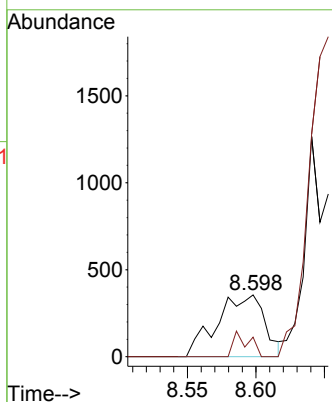
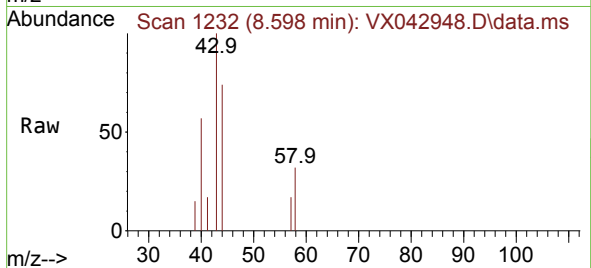
ClientSampleId :

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

58 13.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 51.710 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042948.D

Acq: 08 Aug 2024 12:41

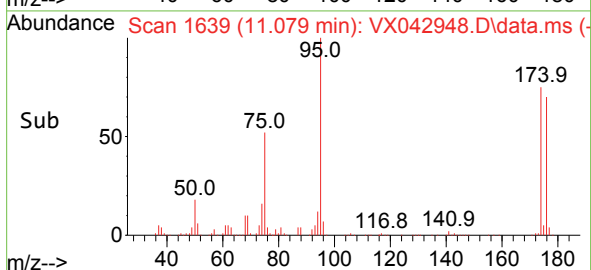
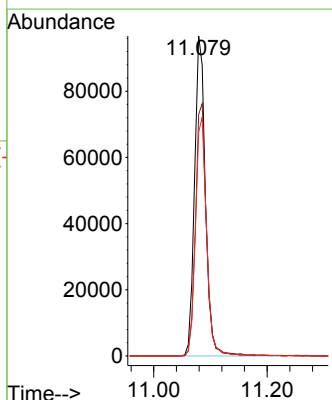
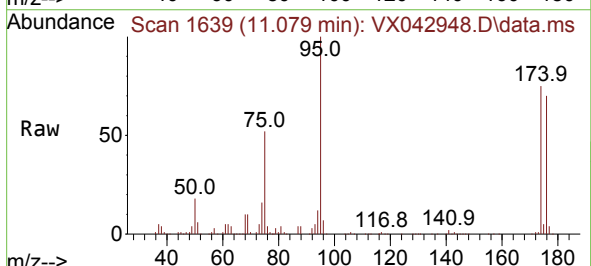
Tgt Ion: 95 Resp: 128708

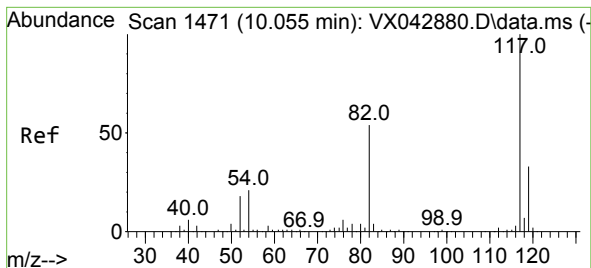
Ion Ratio Lower Upper

95 100

174 79.5 0.0 135.6

176 76.0 0.0 131.0

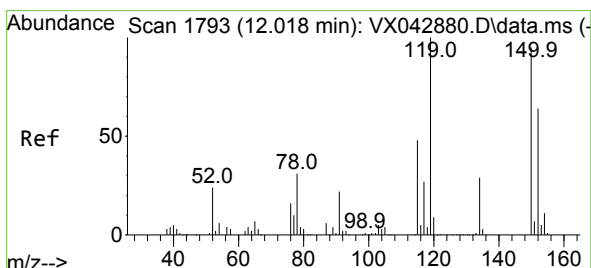
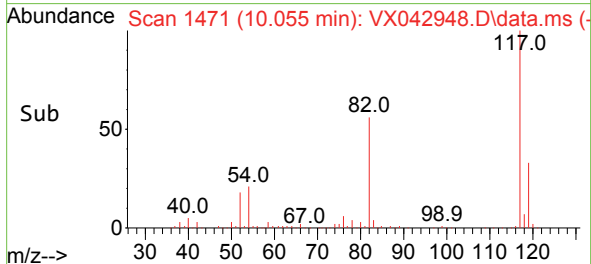
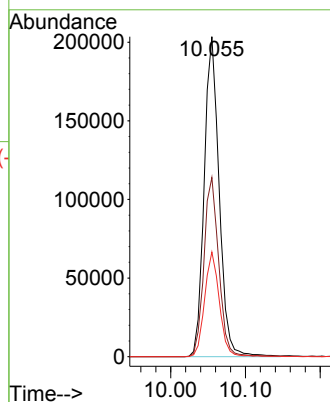
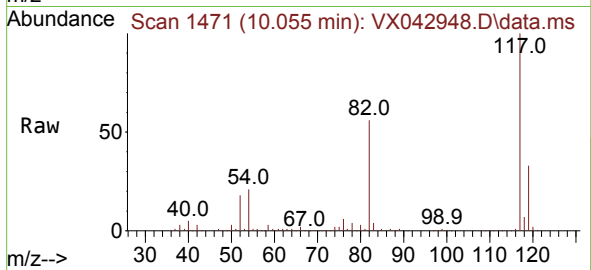




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

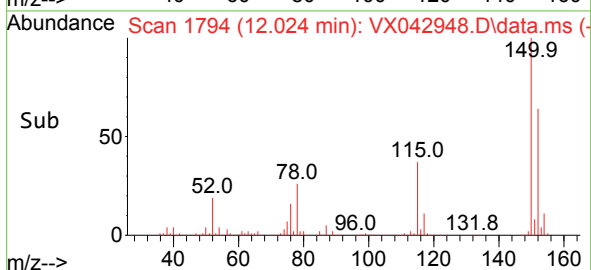
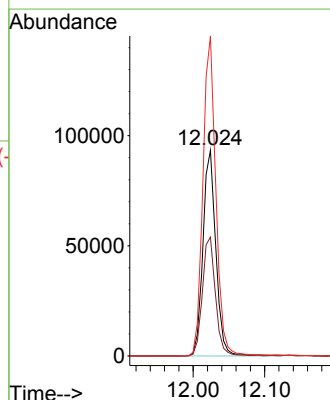
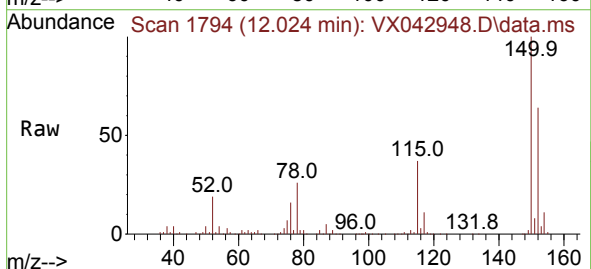
Instrument :
MSVOA_X
ClientSampleId :

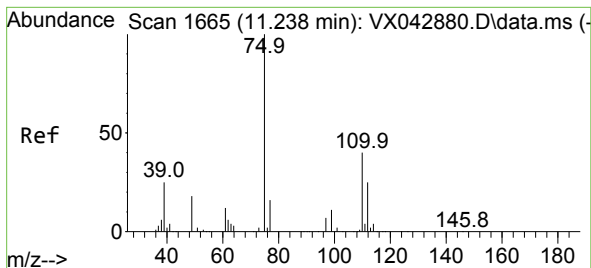
Tgt Ion:117 Resp: 282808
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion:152 Resp: 117346
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 155.7 0.0 345.0

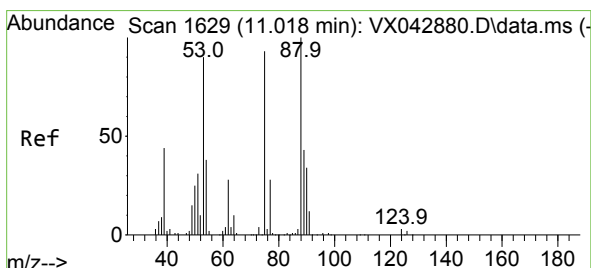
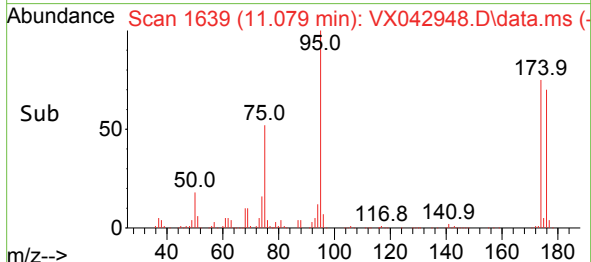
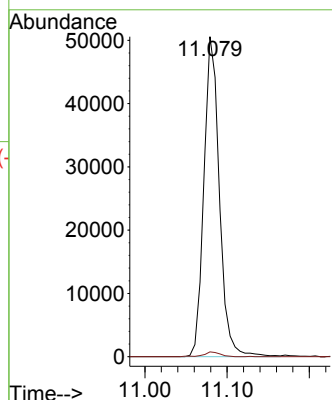
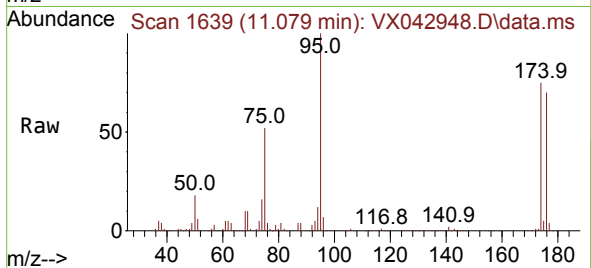




#76
1,2,3-Trichloropropane
Concen: 25.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 66185
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042948.D
Acq: 08 Aug 2024 12:41

Tgt Ion: 75 Resp: 66185
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

