

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042998.D
 Acq On : 09 Aug 2024 15:50
 Operator : JC/MD
 Sample : P3515-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 17:24:02 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)

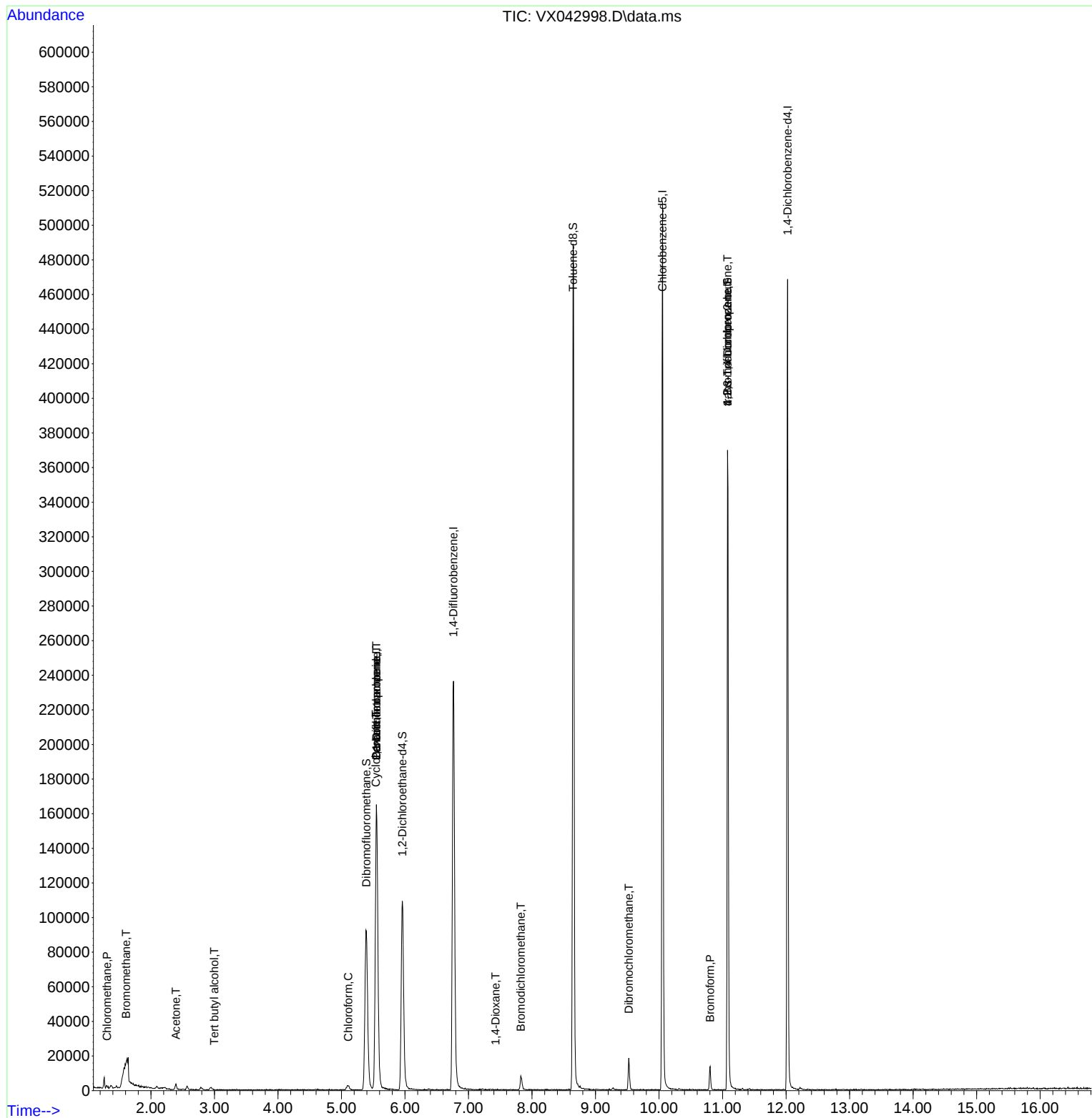
Internal Standards						
1) Pentafluorobenzene	5.550	168	154029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109590	51.828	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.660%		
35) Dibromofluoromethane	5.391	113	83006	51.547	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.100%		
50) Toluene-d8	8.647	98	304018	53.181	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.360%		
62) 4-Bromofluorobenzene	11.079	95	98964	48.175	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1622	0.897	ug/l #	84
5) Bromomethane	1.605	94	593	0.571	ug/l	97
11) Tert butyl alcohol	2.995	59	132	0.314	ug/l #	1
16) Acetone	2.392	43	3075	3.353	ug/l #	89
20) Methylene Chloride	2.782	84	611	Below Cal		87
30) Chloroform	5.105	83	3393	1.000	ug/l #	76
31) Cyclohexane	5.544	56	3538	1.337	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	12449	5.702	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16423	6.664	ug/l #	17
47) Bromodichloromethane	7.824	83	5664	2.415	ug/l	89
49) 1,4-Dioxane	7.427	88	35	0.814	ug/l #	12
60) Dibromochloromethane	9.525	129	7986	4.351	ug/l	99
71) Bromoform	10.805	173	5437	4.792	ug/l #	92
76) 1,2,3-Trichloropropane	11.079	75	52623	24.073	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52623	78.275	ug/l #	5

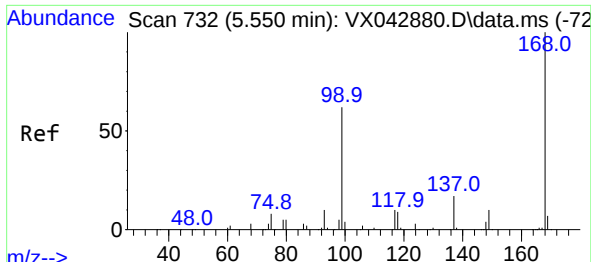
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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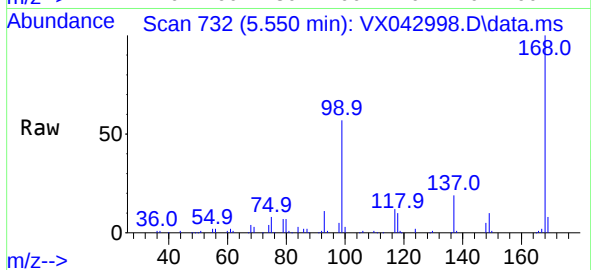
Quant Time: Aug 21 17:24:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



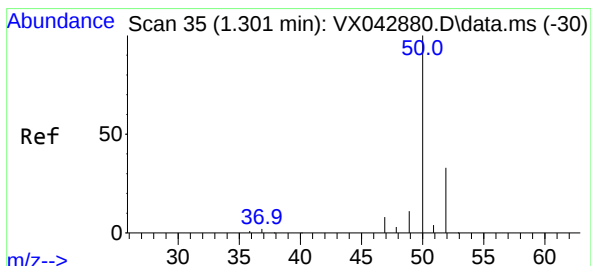
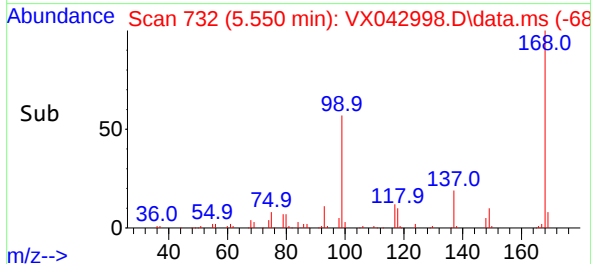
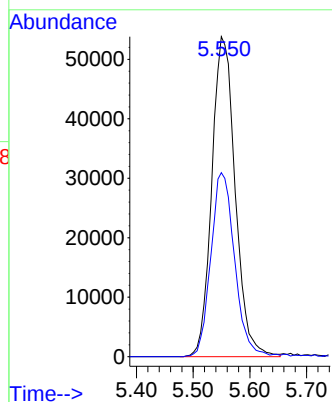


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

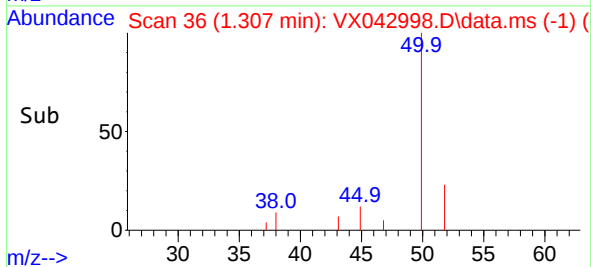
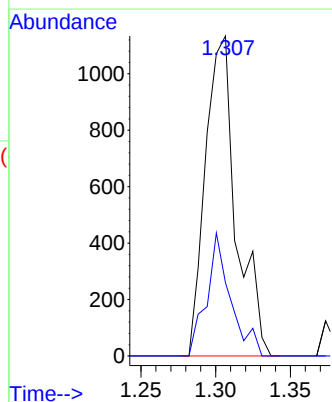
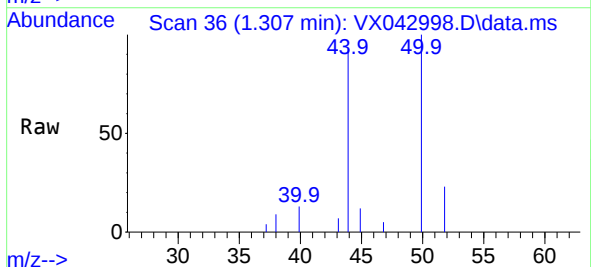


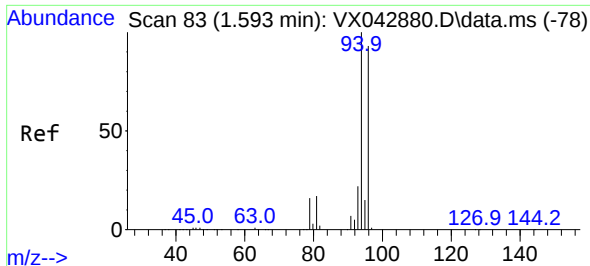
Tgt Ion:168 Resp: 154029
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Tgt Ion: 50 Resp: 1622
Ion Ratio Lower Upper
50 100
52 22.8 25.5 38.3#

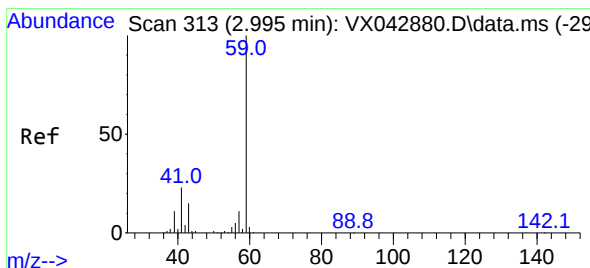
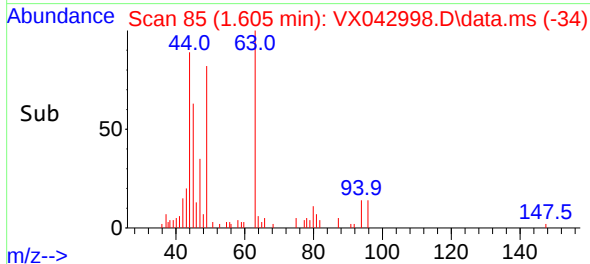
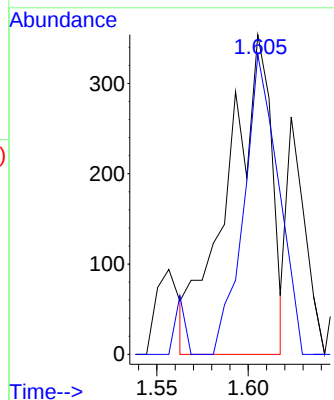
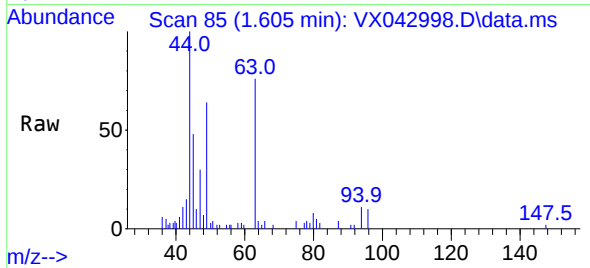




#5
Bromomethane
Concen: 0.571 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

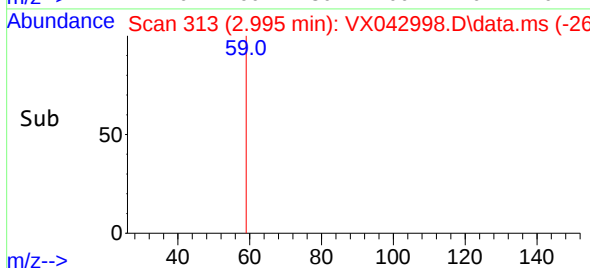
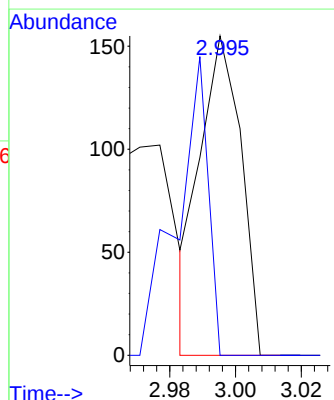
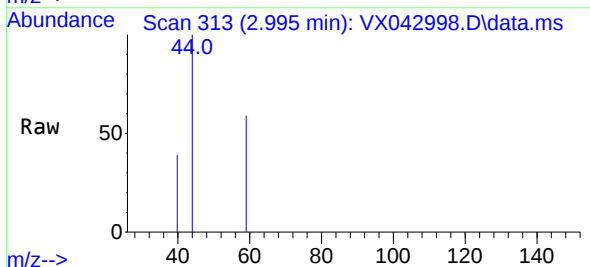
Instrument :
MSVOA_X
ClientSampleId :

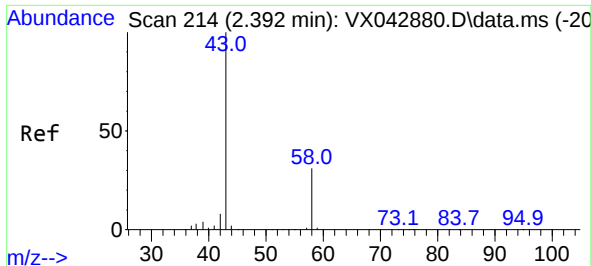
Tgt Ion: 94 Resp: 593
Ion Ratio Lower Upper
94 100
96 90.5 74.6 111.8



#11
Tert butyl alcohol
Concen: 0.314 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 72.7 6.0 9.0#

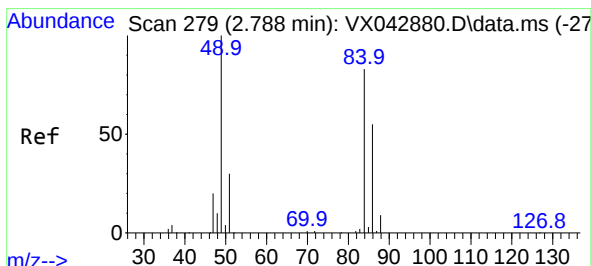
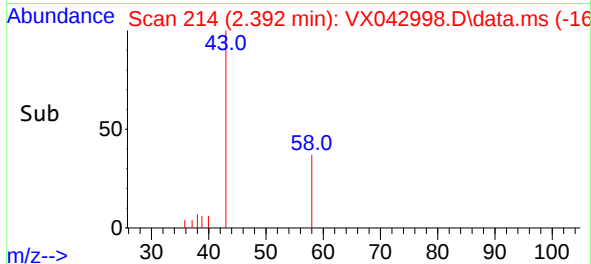
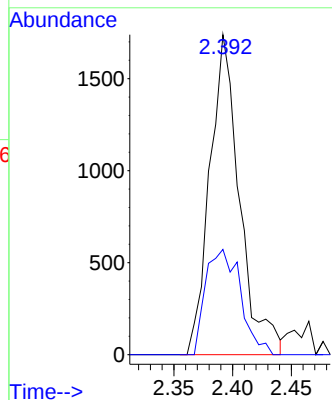
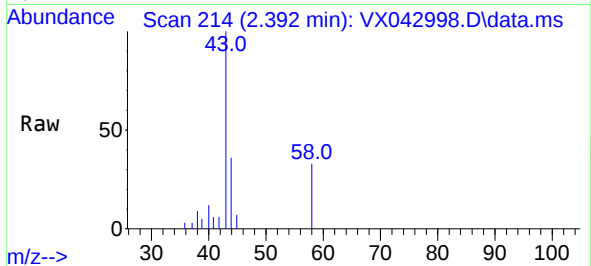




#16
Acetone
Concen: 3.353 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

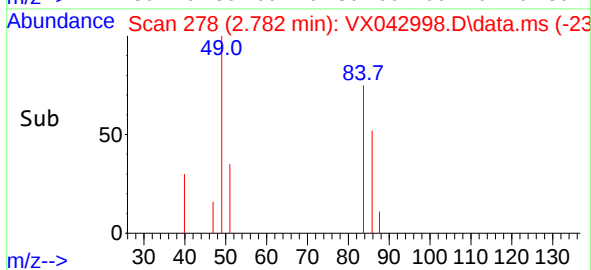
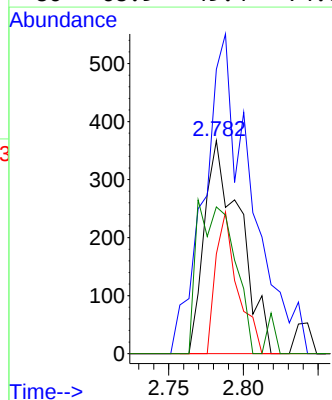
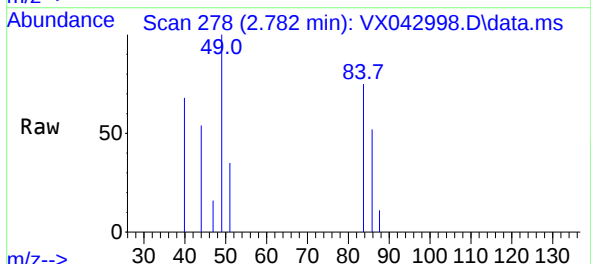
Instrument :
MSVOA_X
ClientSampleId :

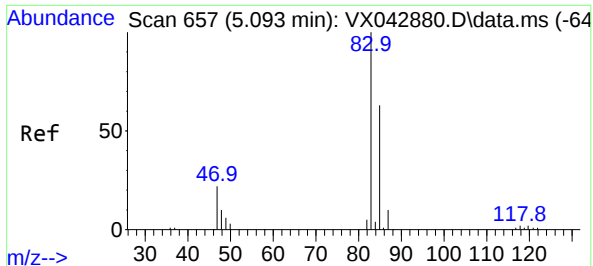
Tgt Ion: 43 Resp: 3075
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Tgt Ion: 84 Resp: 611
Ion Ratio Lower Upper
84 100
49 110.6 103.6 155.4
51 46.9 33.8 50.6
86 68.9 49.4 74.0





#30

Chloroform

Concen: 1.000 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX042998.D

Acq: 09 Aug 2024 15:50

Instrument :

MSVOA_X

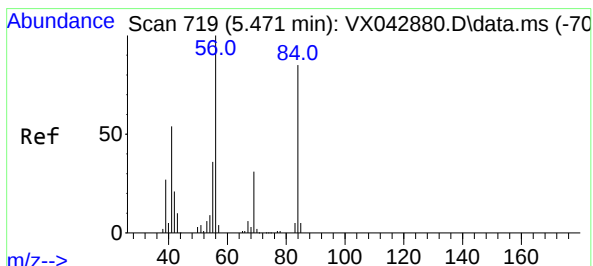
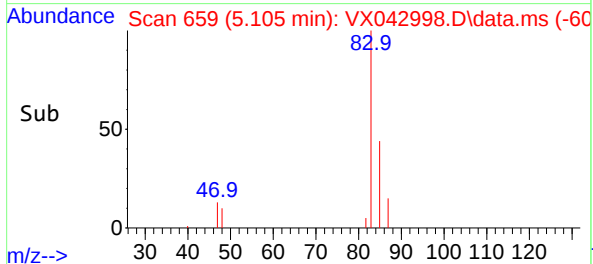
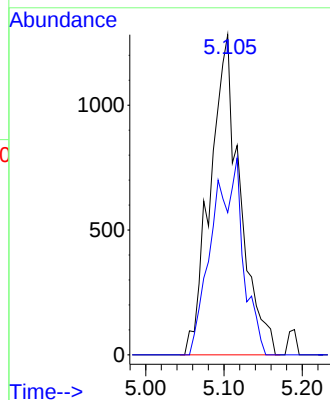
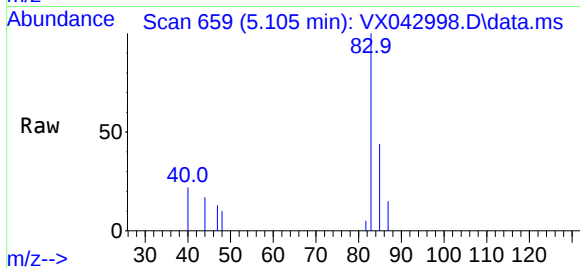
ClientSampleId :

Tgt Ion: 83 Resp: 3393

Ion Ratio Lower Upper

83 100

85 44.4 50.3 75.5#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX042998.D

Acq: 09 Aug 2024 15:50

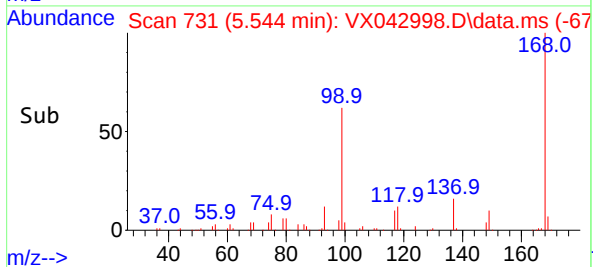
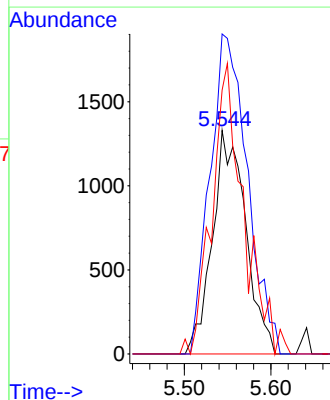
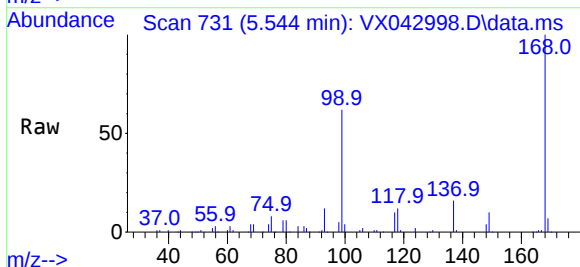
Tgt Ion: 56 Resp: 3538

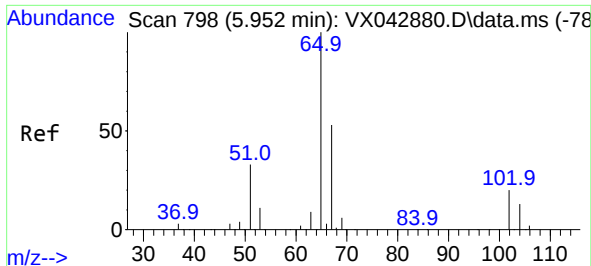
Ion Ratio Lower Upper

56 100

69 136.5 23.4 35.2#

84 112.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.828 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042998.D

Acq: 09 Aug 2024 15:50

Instrument :

MSVOA_X

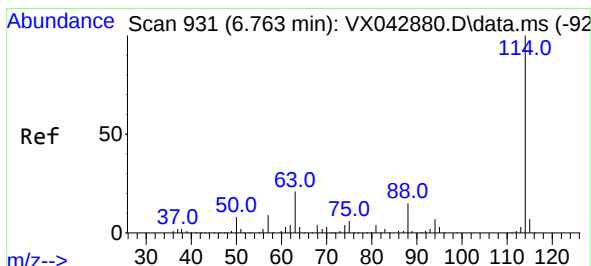
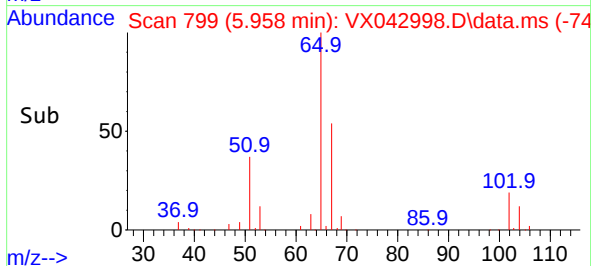
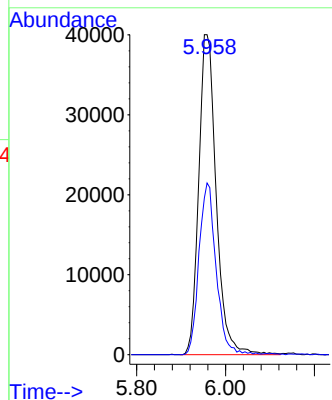
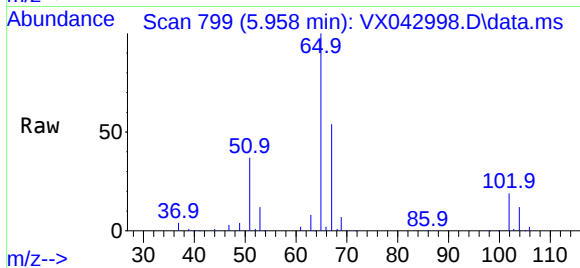
ClientSampleId :

Tgt Ion: 65 Resp: 109590

Ion Ratio Lower Upper

65 100

67 52.6 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: VX042998.D

Acq: 09 Aug 2024 15:50

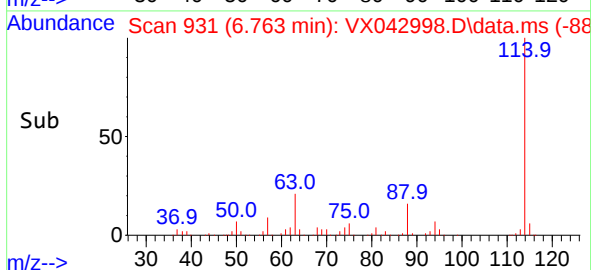
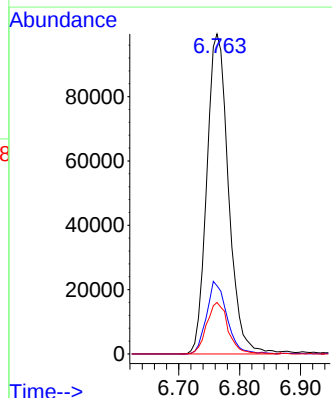
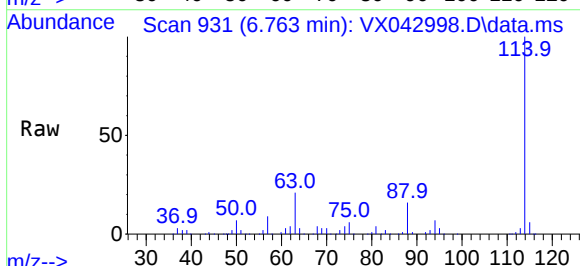
Tgt Ion: 114 Resp: 246282

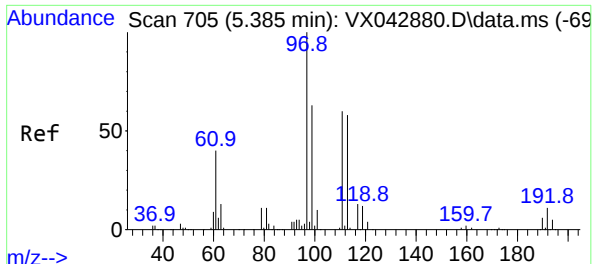
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

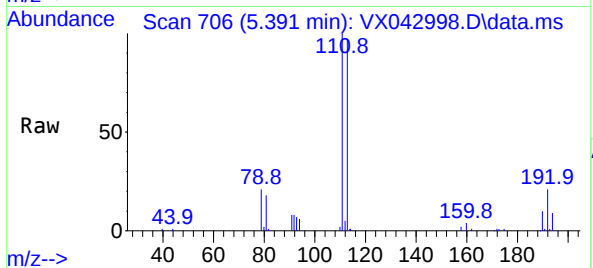
88 16.1 0.0 36.6



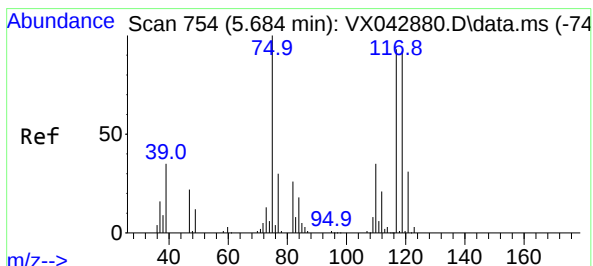
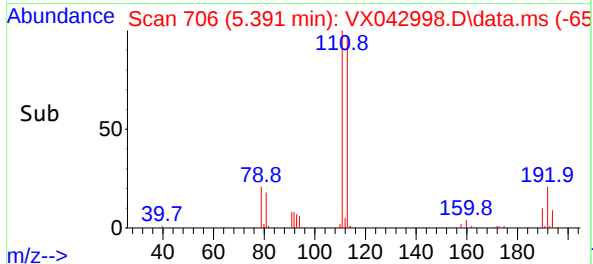
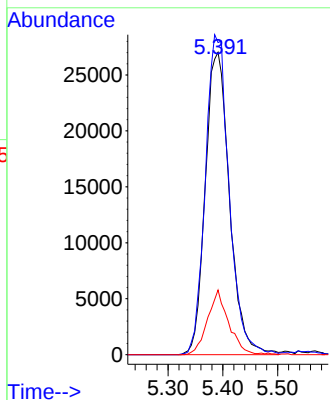


#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

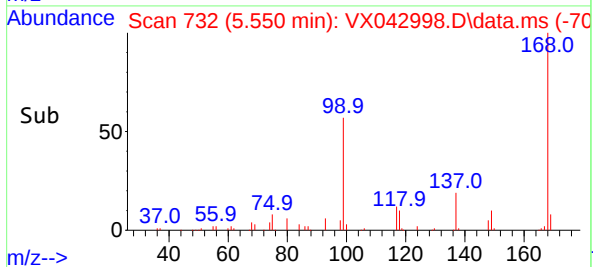
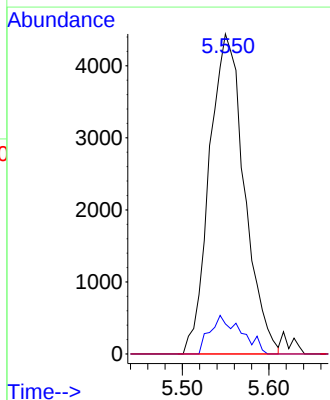
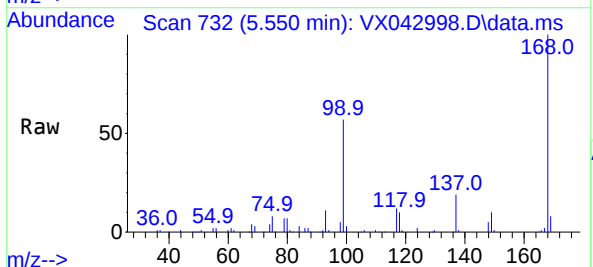


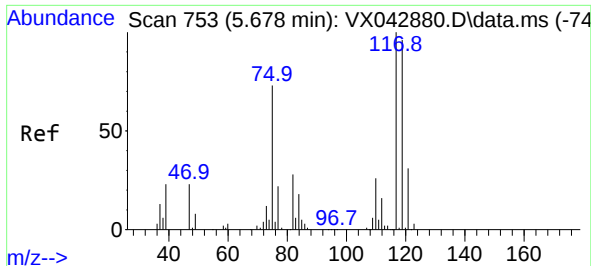
Tgt Ion:113 Resp: 83006
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.702 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

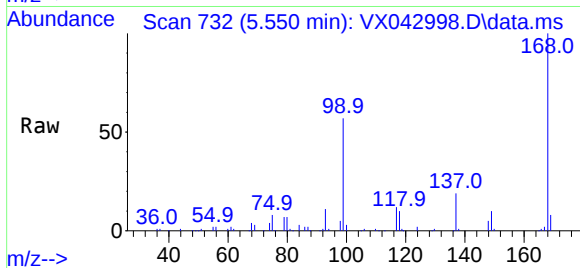
Tgt Ion: 75 Resp: 12449
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



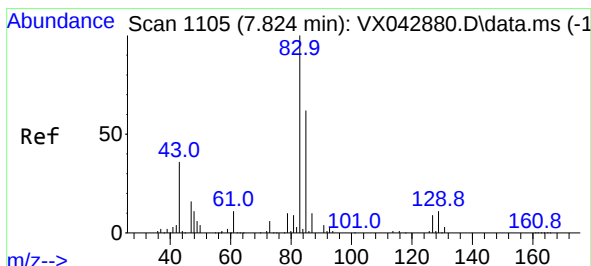
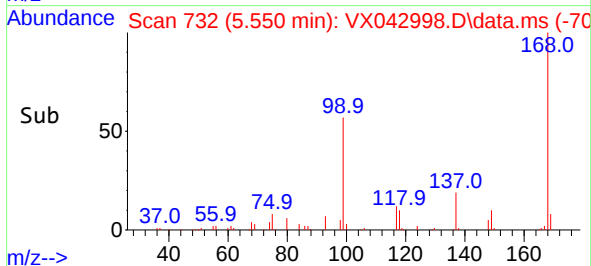
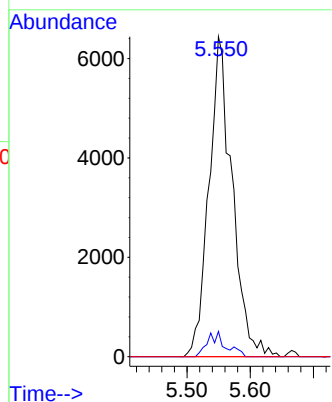


#38
Carbon Tetrachloride
Concen: 6.664 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

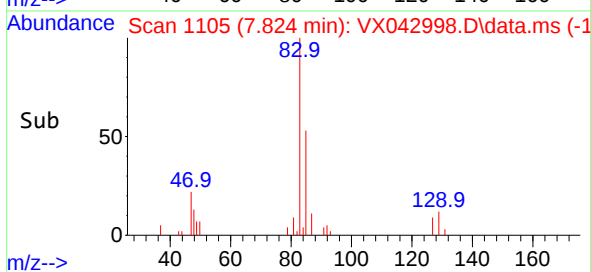
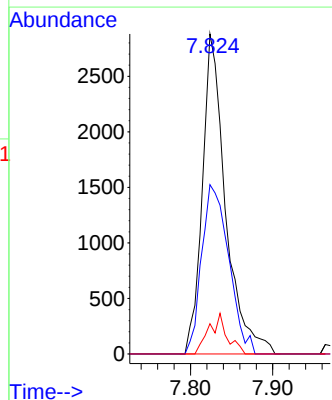
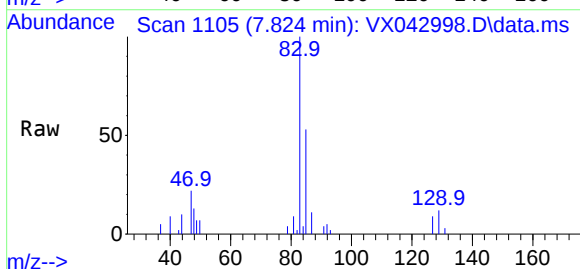


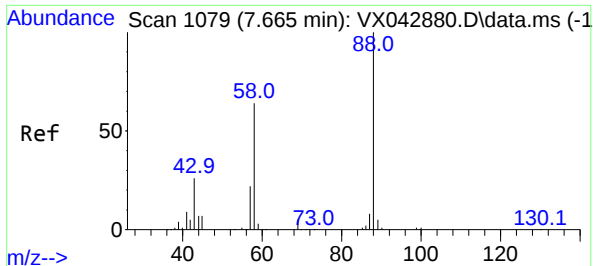
Tgt Ion:117 Resp: 16423
Ion Ratio Lower Upper
117 100
119 7.9 78.2 117.2#
121 0.0 24.4 36.6#



#47
Bromodichloromethane
Concen: 2.415 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Tgt Ion: 83 Resp: 5664
Ion Ratio Lower Upper
83 100
85 52.9 49.8 74.6
127 9.5 7.1 10.7

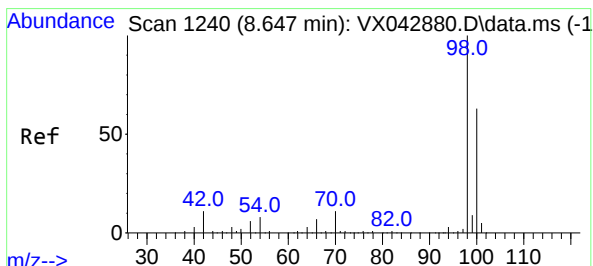
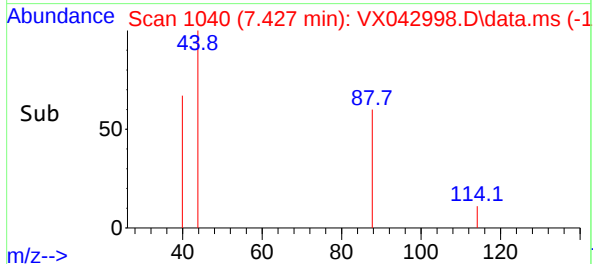
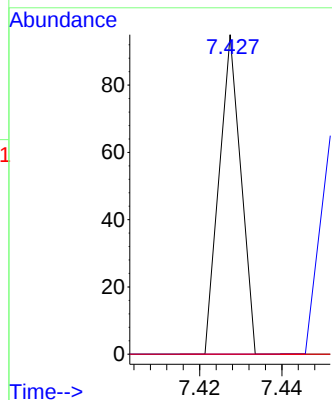
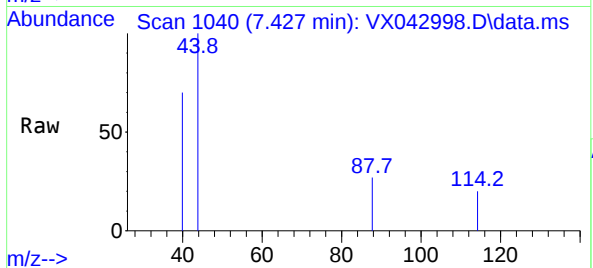




#49
1,4-Dioxane
Concen: 0.814 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.238 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

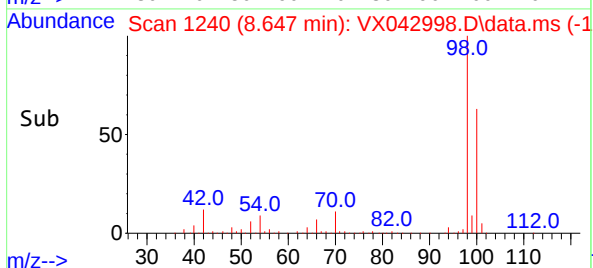
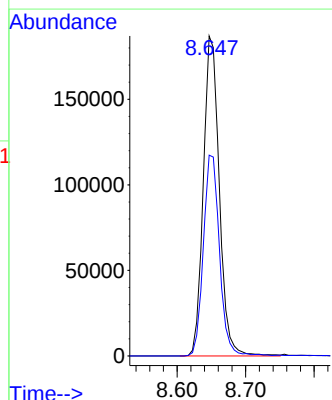
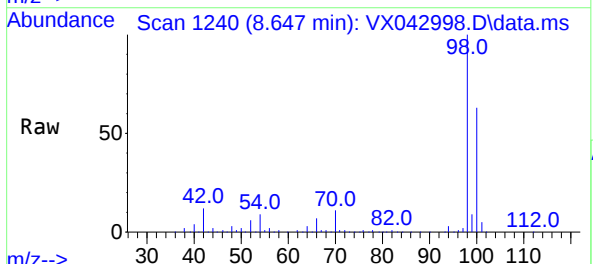
Instrument :
MSVOA_X
ClientSampleId :

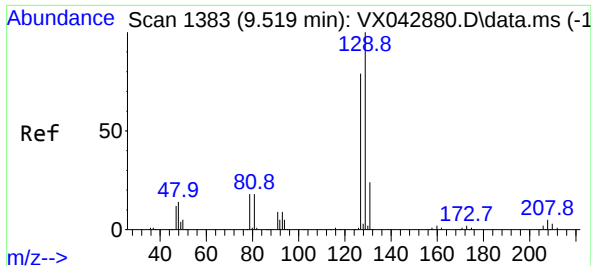
Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 53.181 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Tgt Ion: 98 Resp: 304018
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

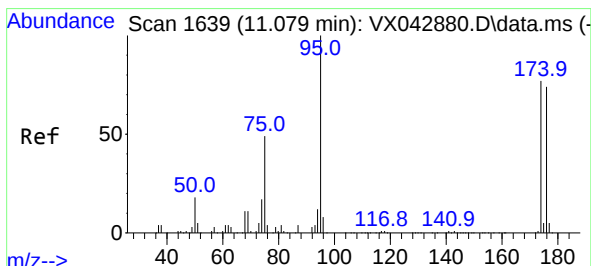
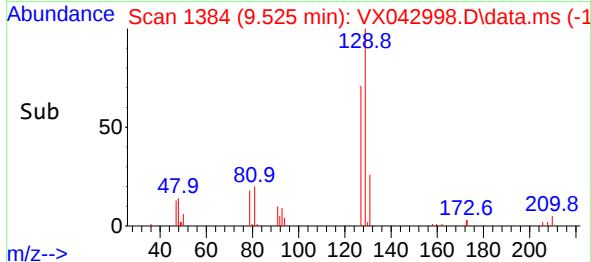
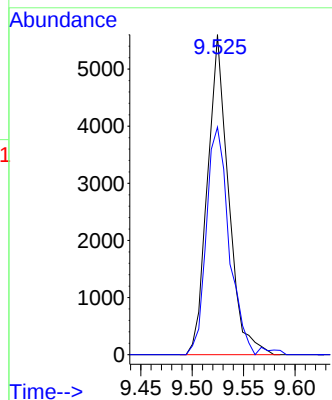
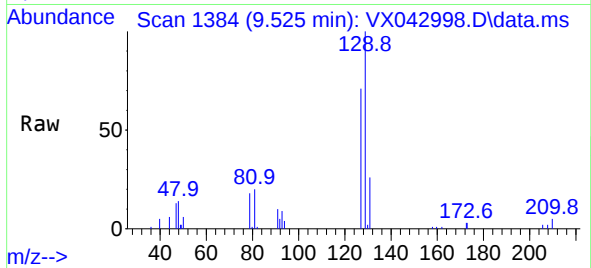




#60
Dibromochloromethane
Concen: 4.351 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

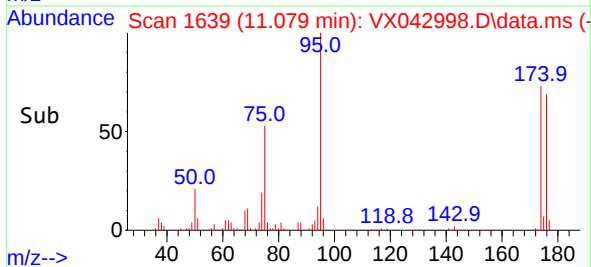
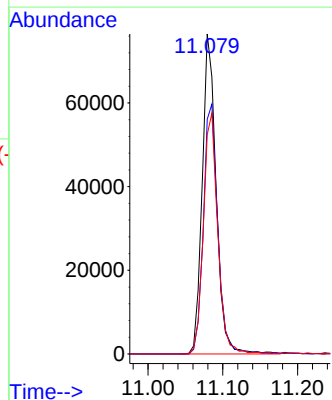
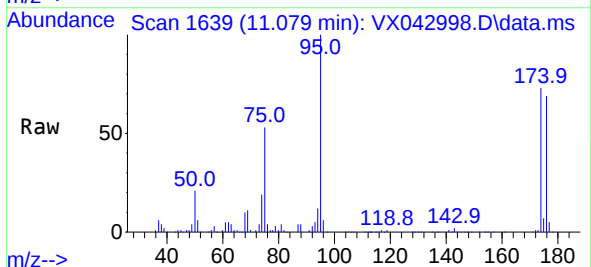
Instrument :
MSVOA_X
ClientSampleId :

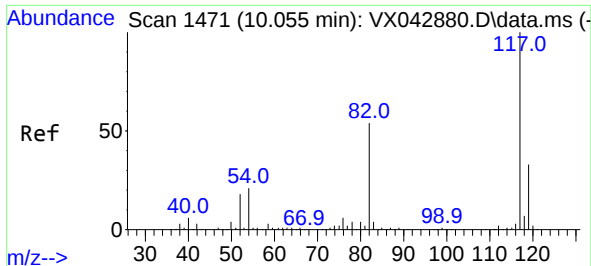
Tgt Ion:129 Resp: 7986
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 48.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Tgt Ion: 95 Resp: 98964
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 77.5 0.0 131.0

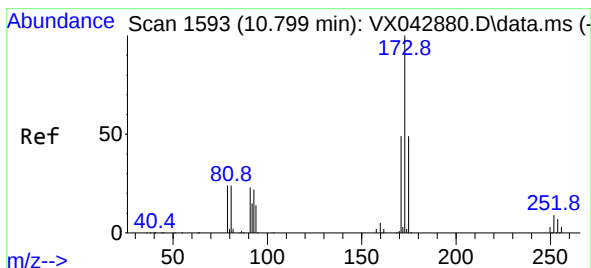
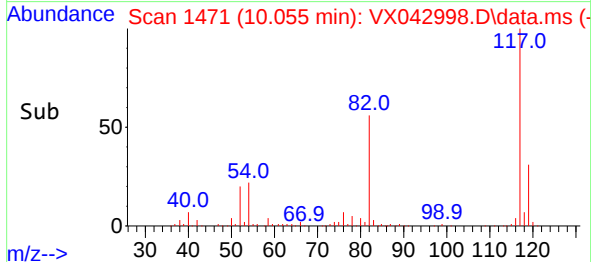
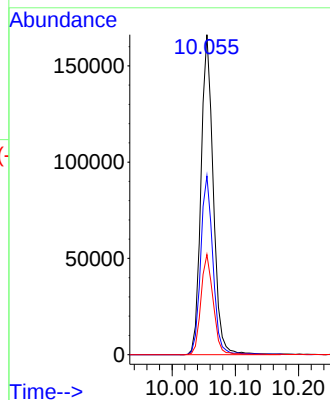
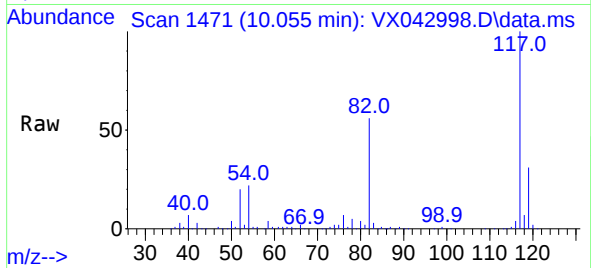




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

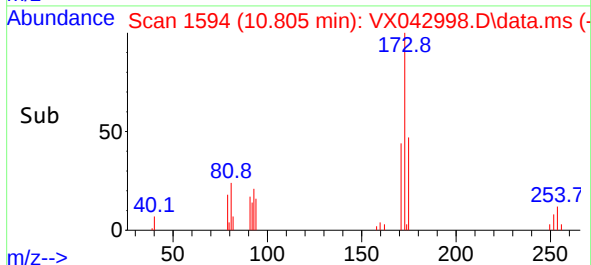
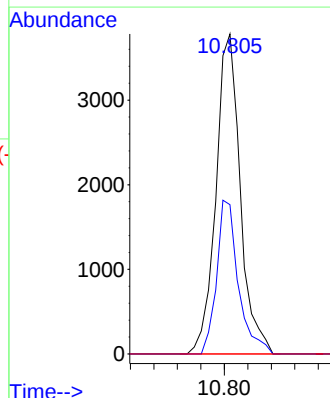
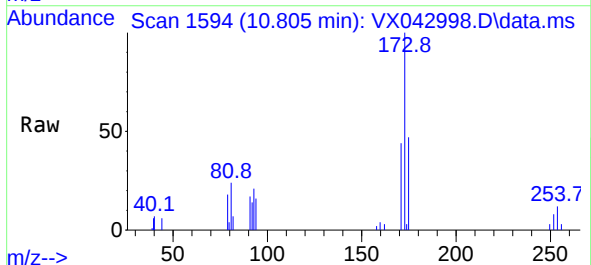
Instrument :
MSVOA_X
ClientSampleId :

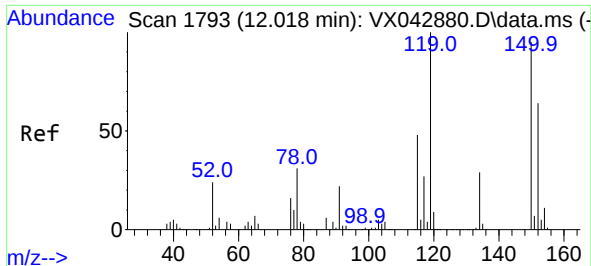
Tgt Ion:117 Resp: 224835
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.3 25.5 38.3



#71
Bromoform
Concen: 4.792 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

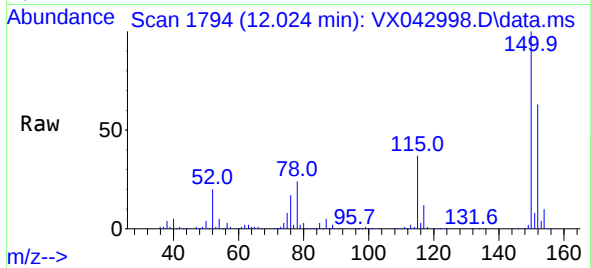
Tgt Ion:173 Resp: 5437
Ion Ratio Lower Upper
173 100
175 42.9 24.1 72.4
254 0.0 0.0 0.0



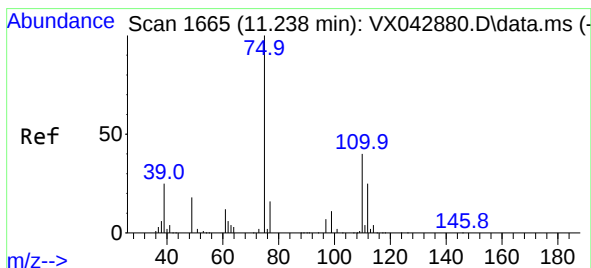
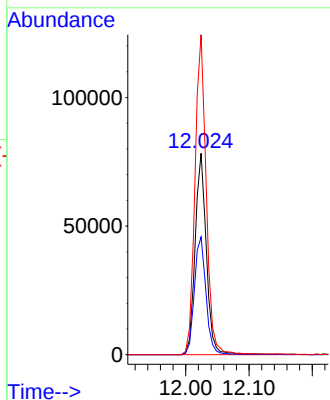
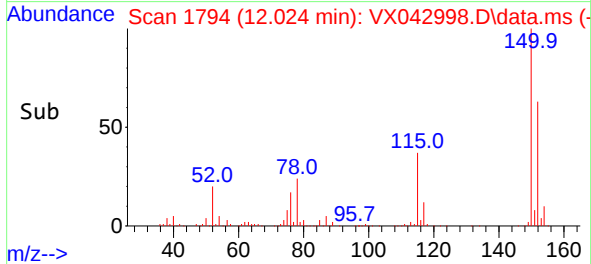


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

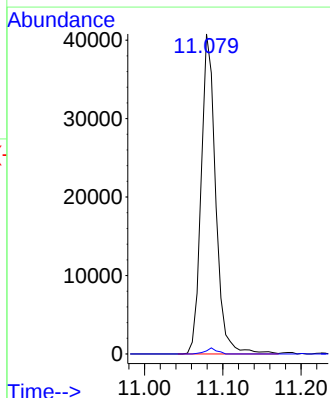
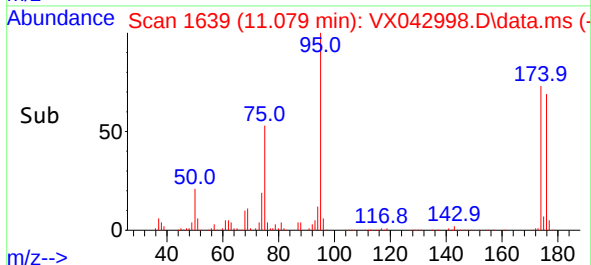
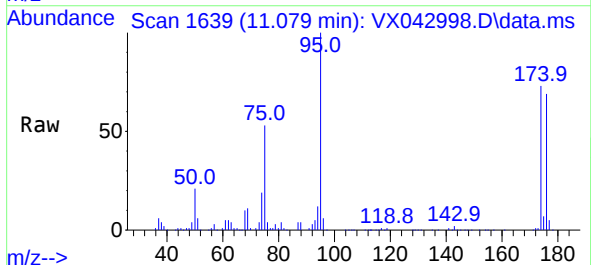


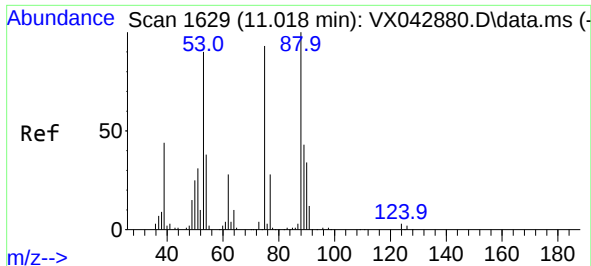
Tgt Ion:152 Resp: 97197
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 158.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042998.D
Acq: 09 Aug 2024 15:50

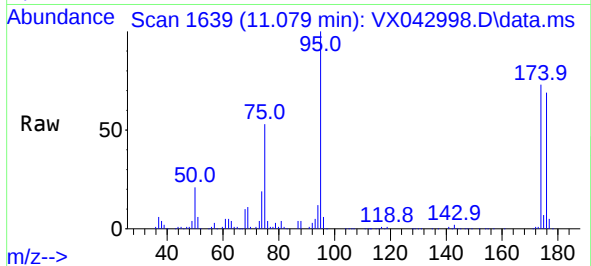
Tgt Ion: 75 Resp: 52623
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.275 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX042998.D
 Acq: 09 Aug 2024 15:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52623
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.1 36.9 55.3#

