

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042936.D
 Acq On : 08 Aug 2024 01:28
 Operator : JC/MD
 Sample : P3393-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 04:06:04 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)

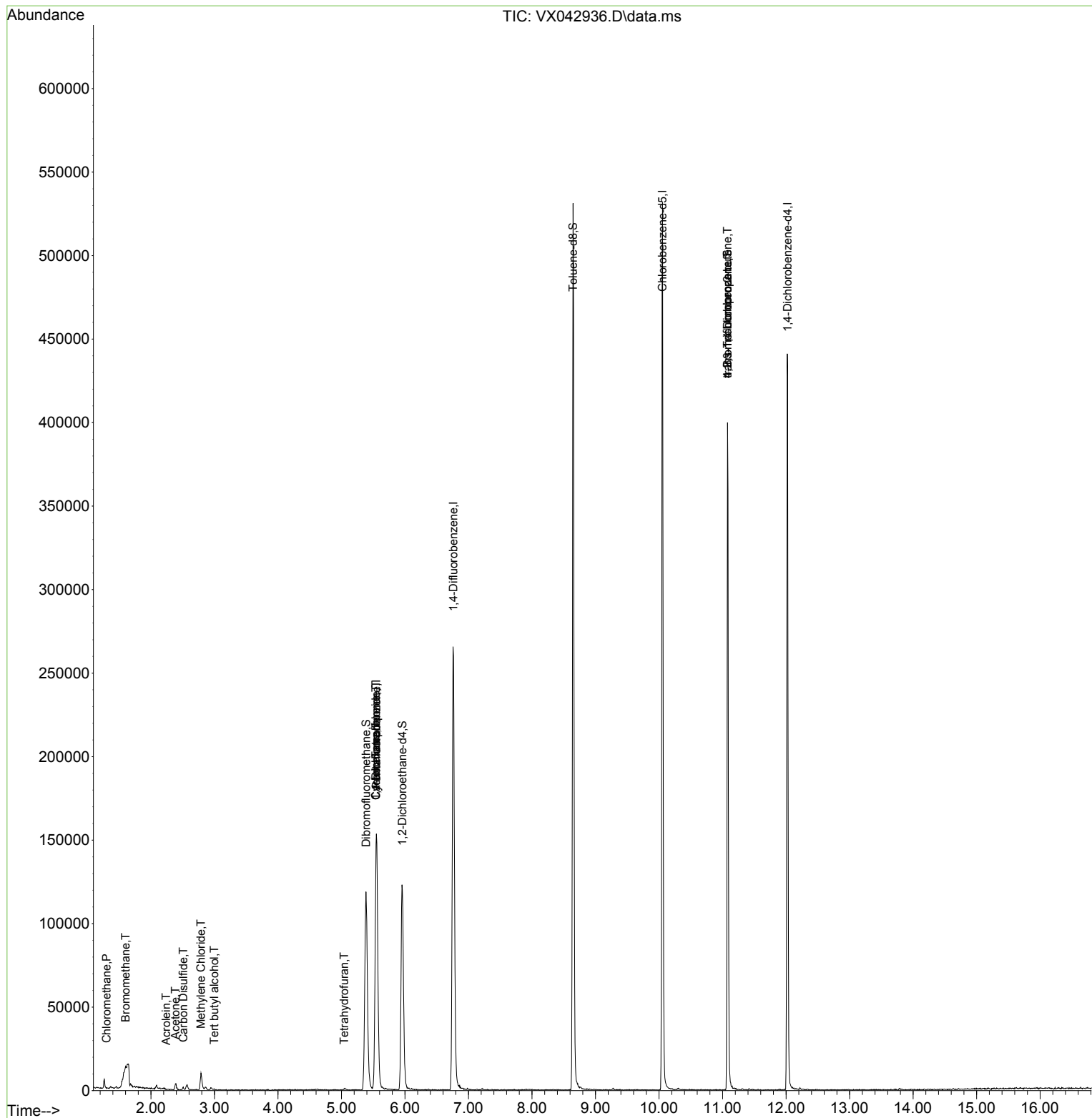
Internal Standards						
1) Pentafluorobenzene	5.550	168	148443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127478	62.556	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 125.120%#		
35) Dibromofluoromethane	5.385	113	106903	58.065	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.140%		
50) Toluene-d8	8.647	98	318768	48.772	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.540%		
62) 4-Bromofluorobenzene	11.079	95	109614	46.671	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	431	0.247	ug/l #	66
5) Bromomethane	1.599	94	599	0.598	ug/l	95
11) Tert butyl alcohol	2.995	59	560	1.382	ug/l #	92
13) Acrolein	2.239	56	83	0.208	ug/l #	14
16) Acetone	2.386	43	4418	4.998	ug/l	97
17) Carbon Disulfide	2.508	76	1911	0.480	ug/l #	92
20) Methylene Chloride	2.788	84	5175	1.930	ug/l	94
29) Tetrahydrofuran	5.044	42	543	0.579	ug/l	96
31) Cyclohexane	5.544	56	2919	1.145	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11376	4.557	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16038	5.692	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	56237	25.601	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56237	83.244	ug/l #	5

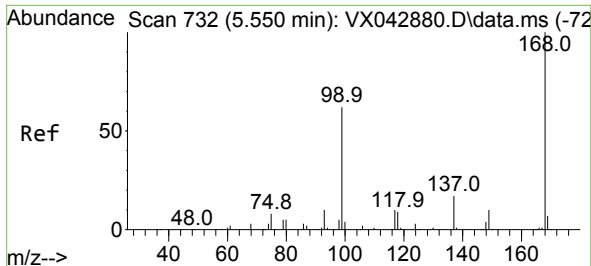
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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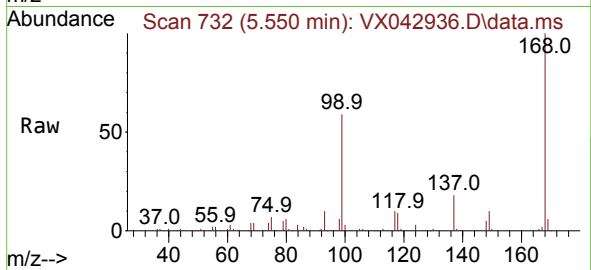
Quant Time: Aug 08 04:06:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



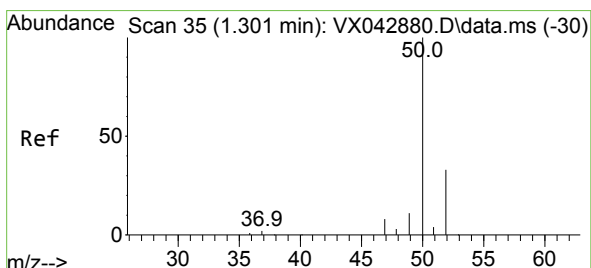
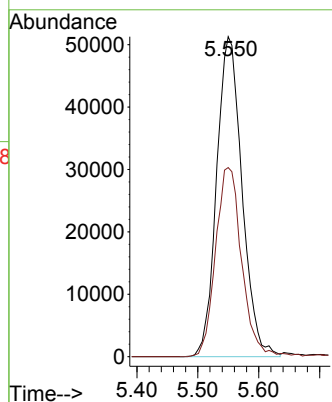
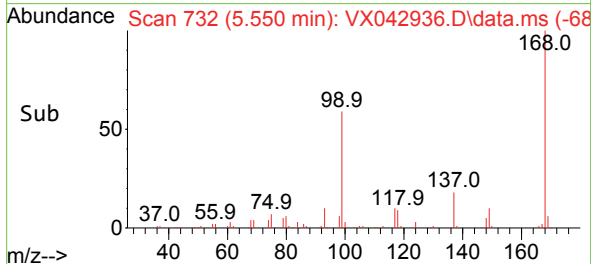


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

Instrument :
MSVOA_X
ClientSampleId :

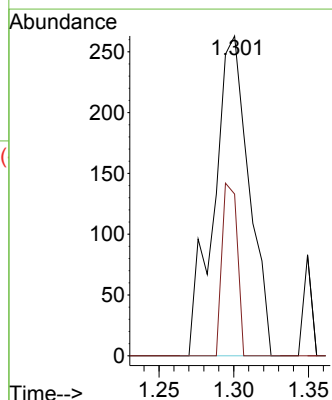
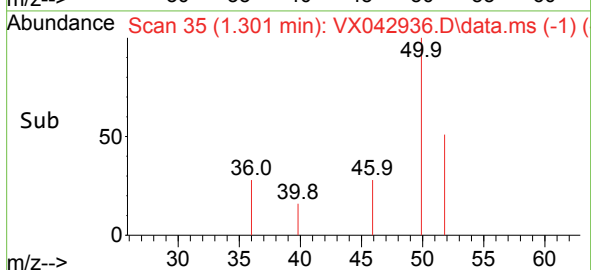
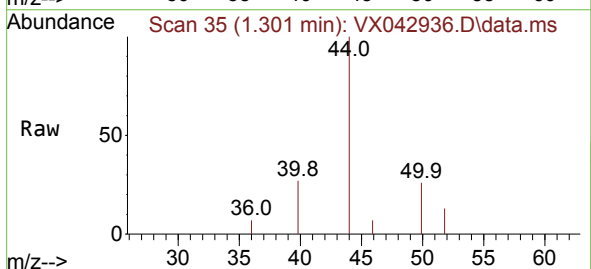


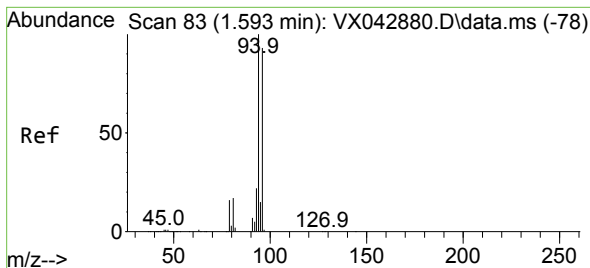
Tgt Ion:168 Resp: 148443
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 50.6 25.5 38.3#





#5

Bromomethane

Concen: 0.598 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042936.D

Acq: 08 Aug 2024 01:28

Instrument :

MSVOA_X

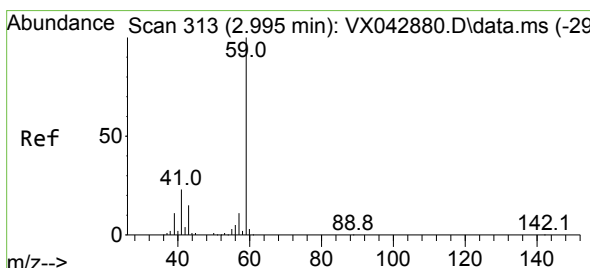
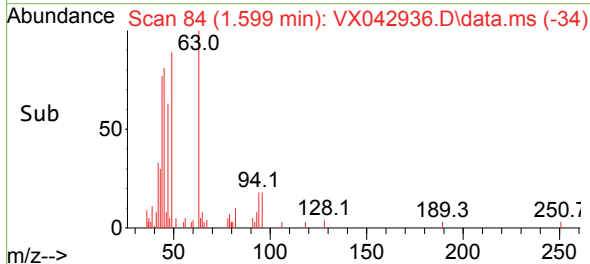
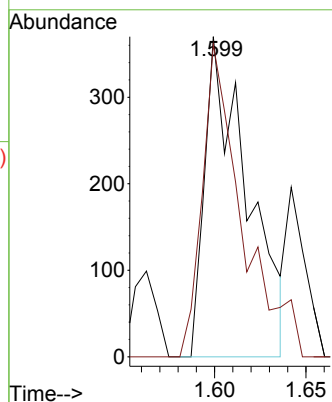
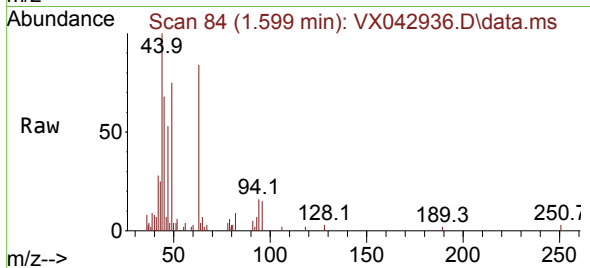
ClientSampleId :

Tgt Ion: 94 Resp: 599

Ion Ratio Lower Upper

94 100

96 97.6 74.6 111.8



#11

Tert butyl alcohol

Concen: 1.382 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX042936.D

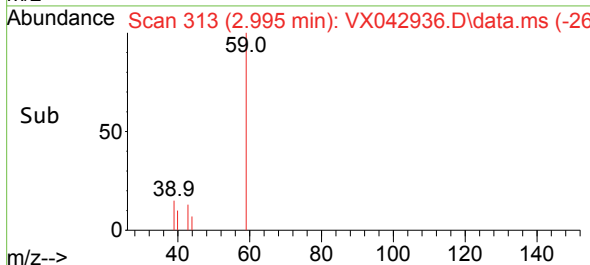
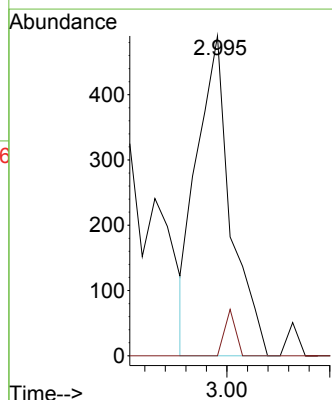
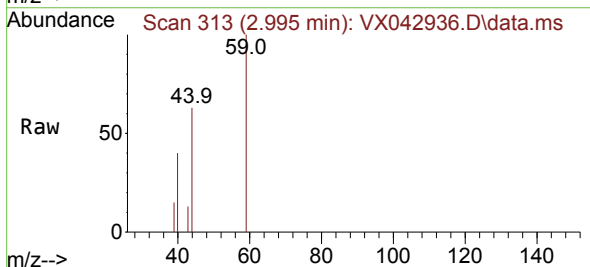
Acq: 08 Aug 2024 01:28

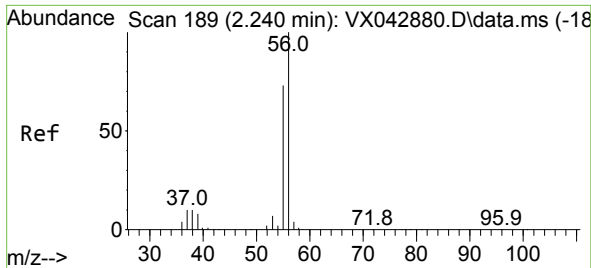
Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 4.6 6.0 9.0#

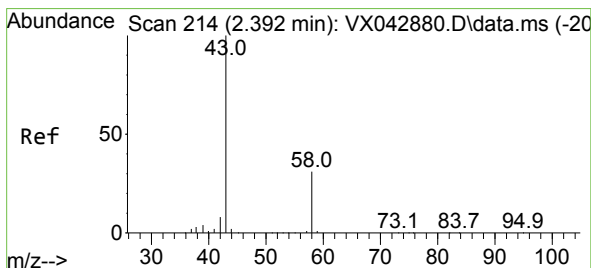
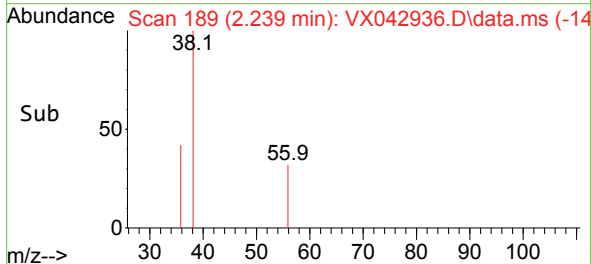
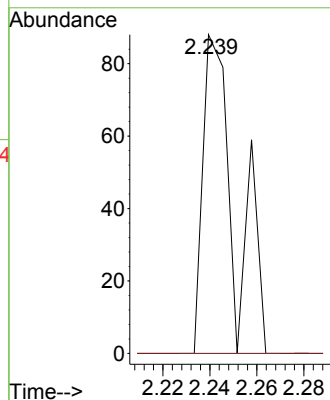
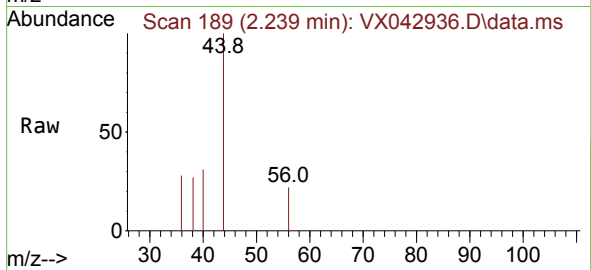




#13
Acrolein
Concen: 0.208 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

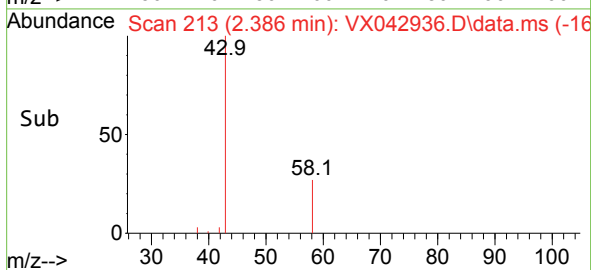
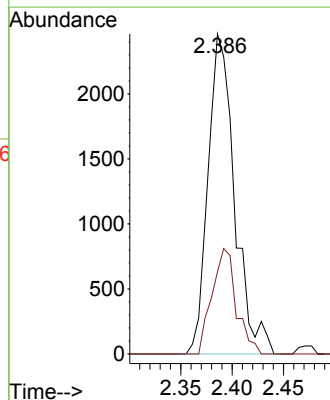
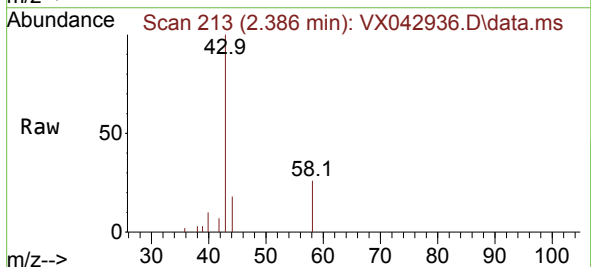
Instrument :
MSVOA_X
ClientSampleId :

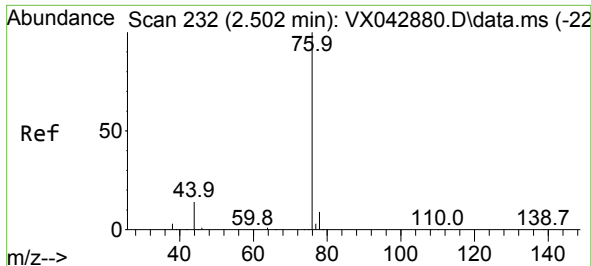
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 4.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

Tgt Ion: 43 Resp: 4418
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9

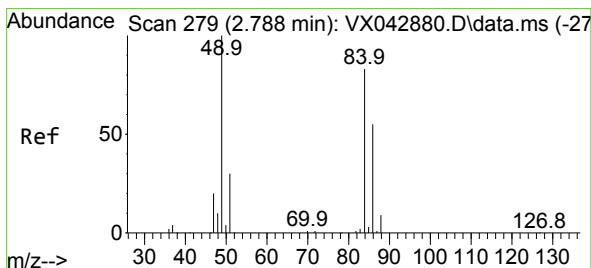
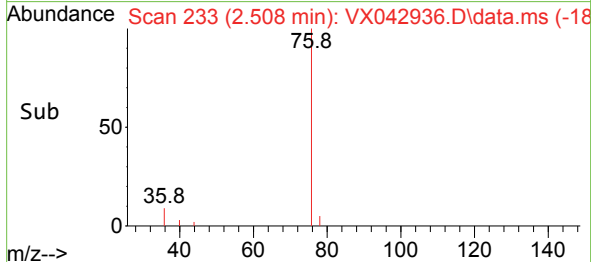
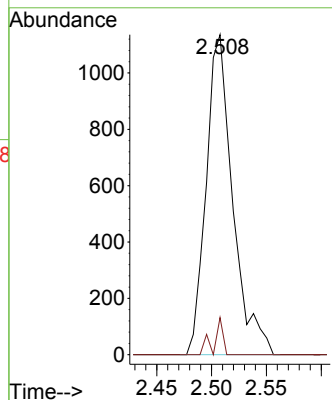
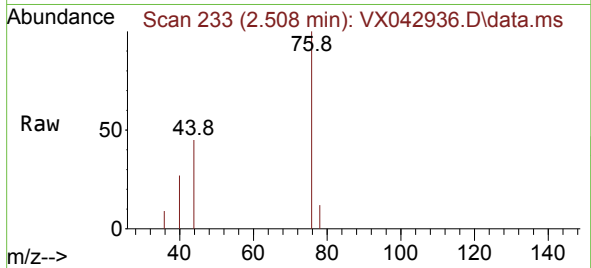




#17
Carbon Disulfide
Concen: 0.480 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

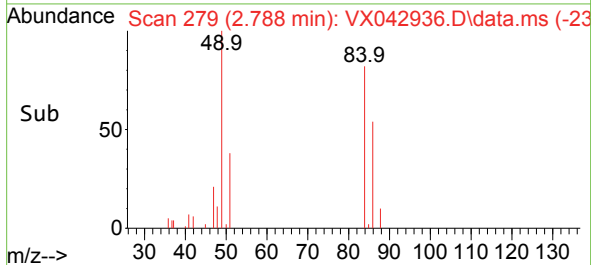
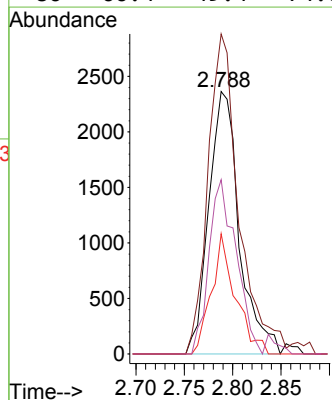
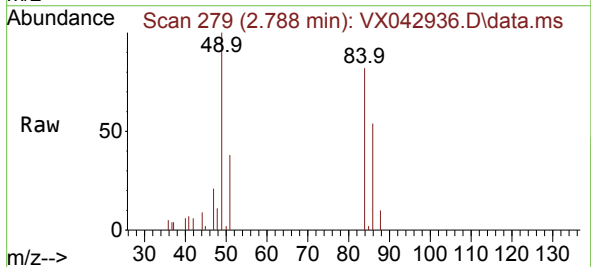
Instrument :
MSVOA_X
ClientSampleId :

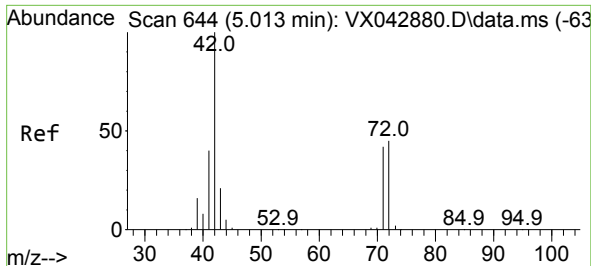
Tgt Ion: 76 Resp: 1911
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.6#



#20
Methylene Chloride
Concen: 1.930 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

Tgt Ion: 84 Resp: 5175
Ion Ratio Lower Upper
84 100
49 122.0 103.6 155.4
51 45.8 33.8 50.6
86 66.4 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.579 ug/l

RT: 5.044 min Scan# 644

Delta R.T. 0.030 min

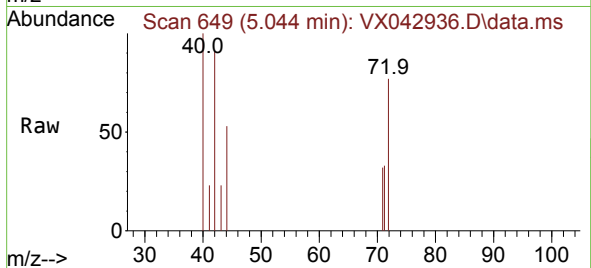
Lab File: VX042936.D

Acq: 08 Aug 2024 01:28

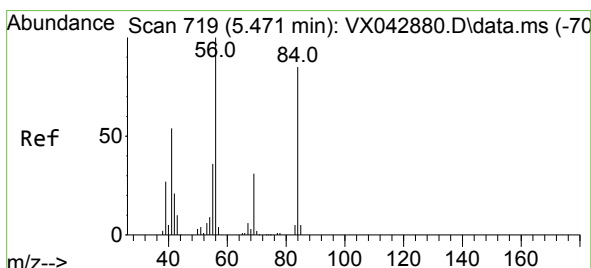
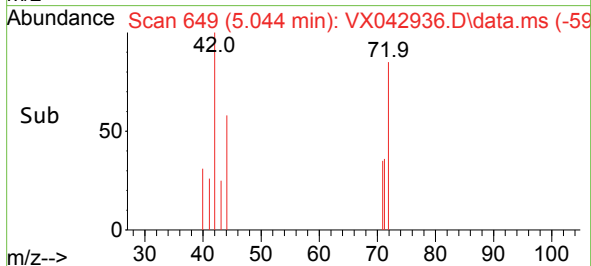
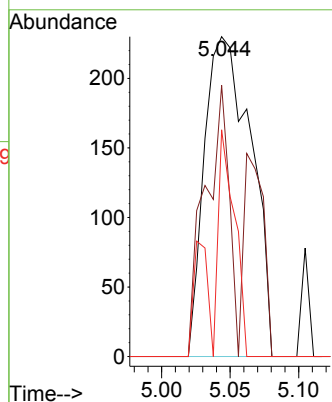
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	543
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.2	51.4
71	35.5	32.2	48.2



#31

Cyclohexane

Concen: 1.145 ug/l

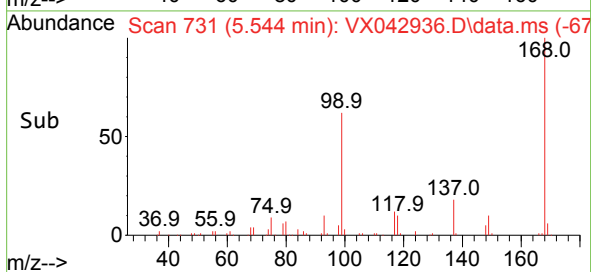
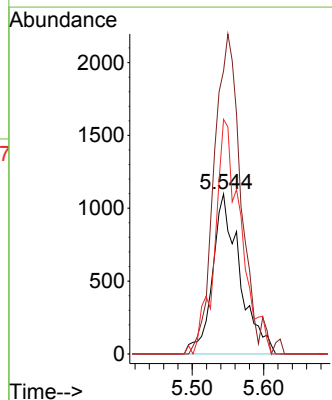
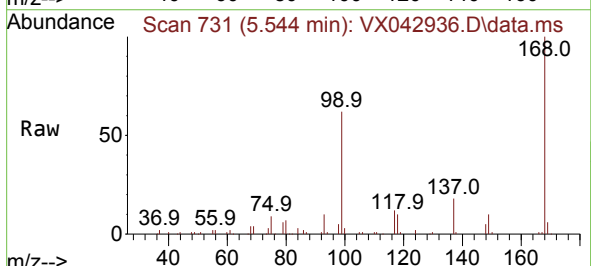
RT: 5.544 min Scan# 731

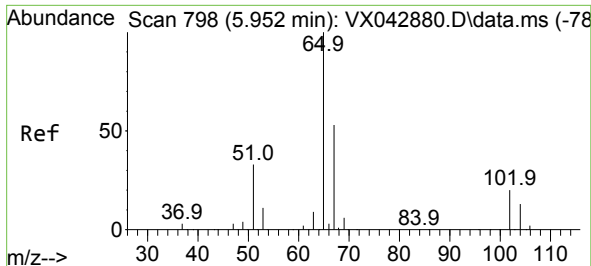
Delta R.T. 0.073 min

Lab File: VX042936.D

Acq: 08 Aug 2024 01:28

Tgt Ion:	56	Resp:	2919
Ion	Ratio	Lower	Upper
56	100		
69	176.9	23.4	35.2#
84	146.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 62.556 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042936.D

Acq: 08 Aug 2024 01:28

Instrument :

MSVOA_X

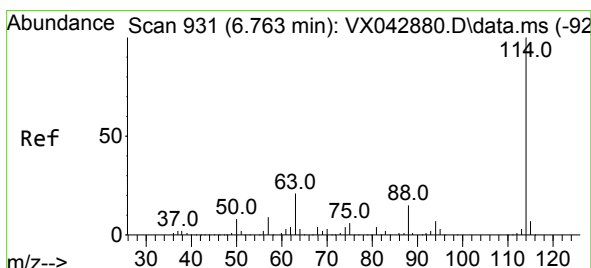
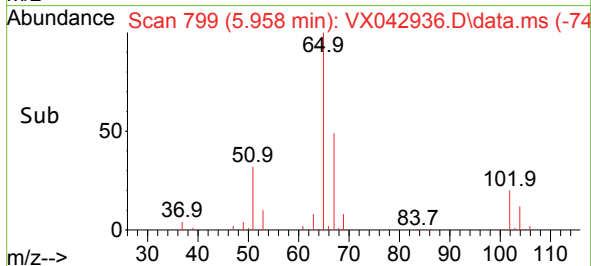
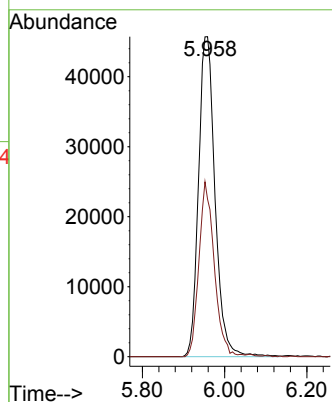
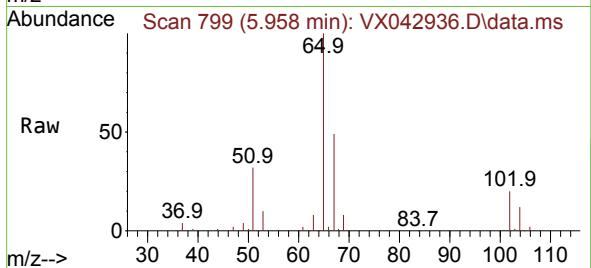
ClientSampleId :

Tgt Ion: 65 Resp: 127478

Ion Ratio Lower Upper

65 100

67 50.8 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: VX042936.D

Acq: 08 Aug 2024 01:28

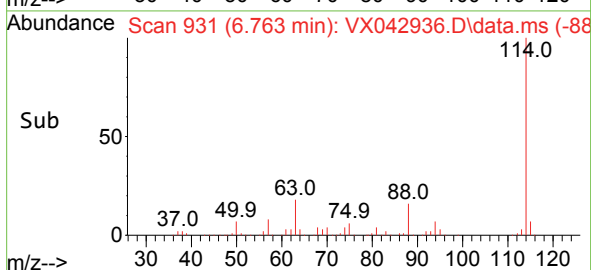
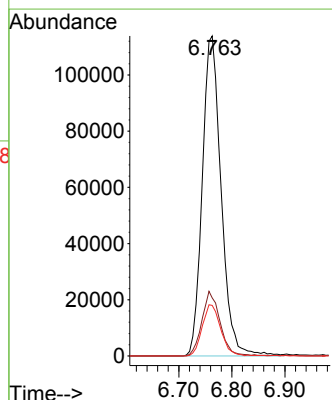
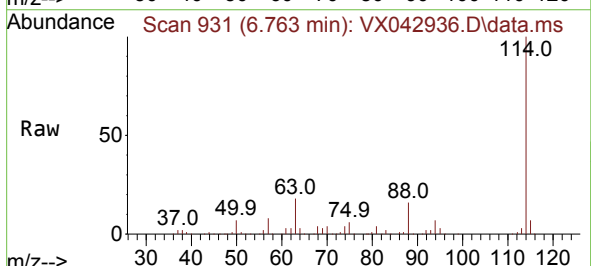
Tgt Ion: 114 Resp: 281577

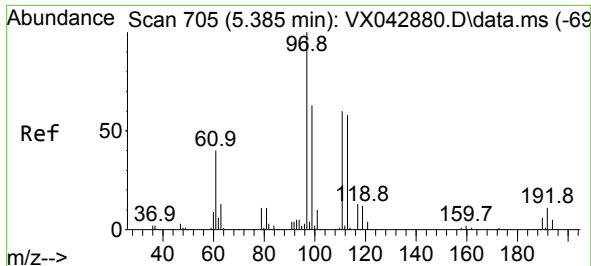
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

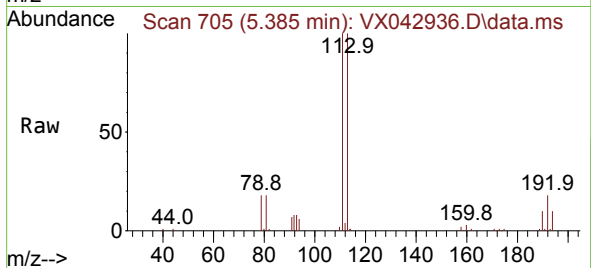
88 15.8 0.0 36.6



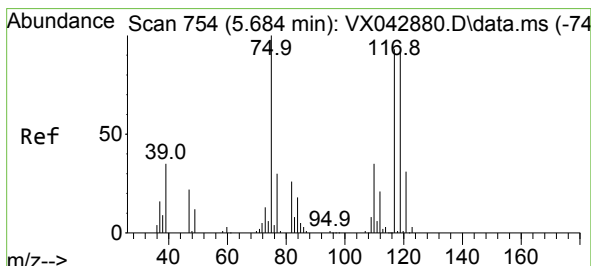
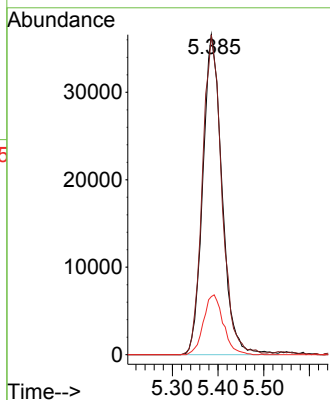
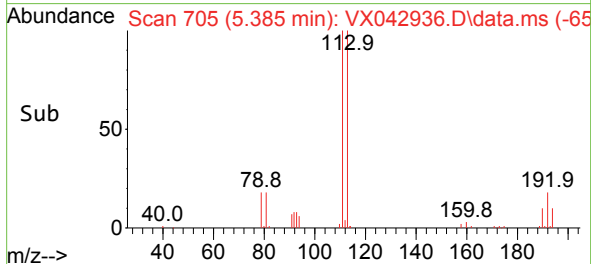


#35
Dibromofluoromethane
Concen: 58.065 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

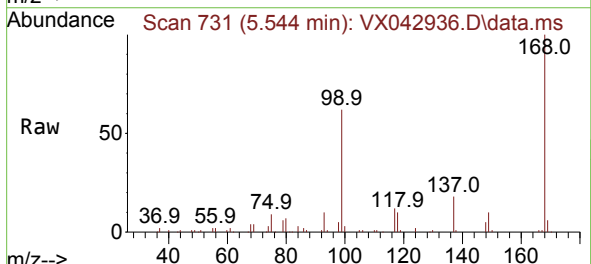
Instrument :
MSVOA_X
ClientSampleId :



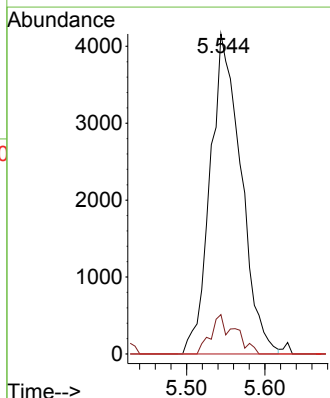
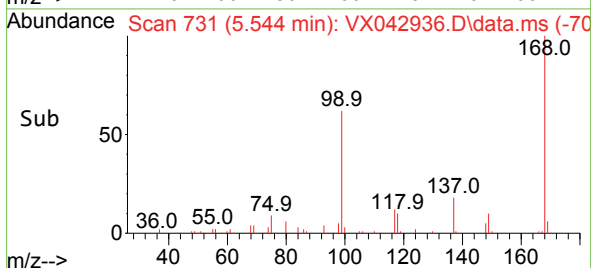
Tgt Ion:113 Resp: 106903
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 19.3 13.3 19.9

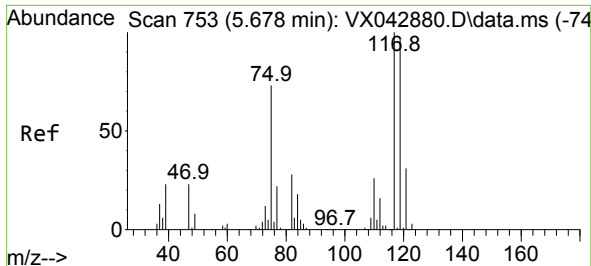


#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28



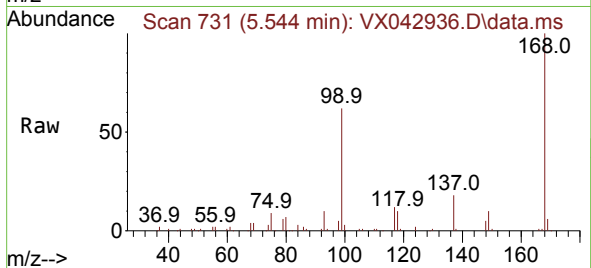
Tgt Ion: 75 Resp: 11376
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



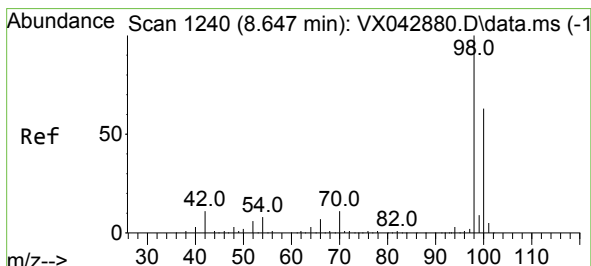
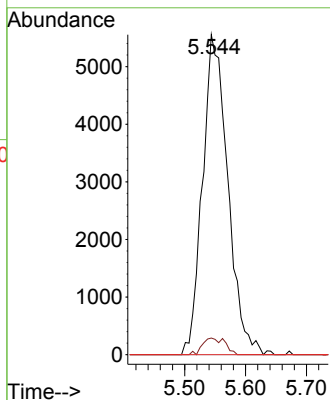
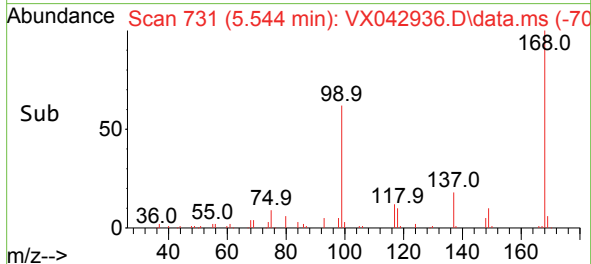


#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

Instrument :
MSVOA_X
ClientSampleId :

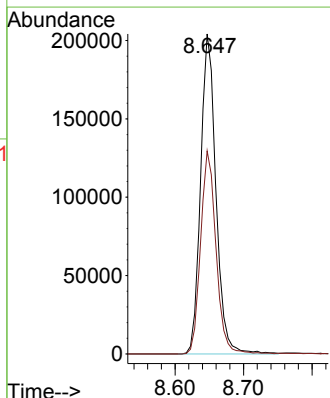
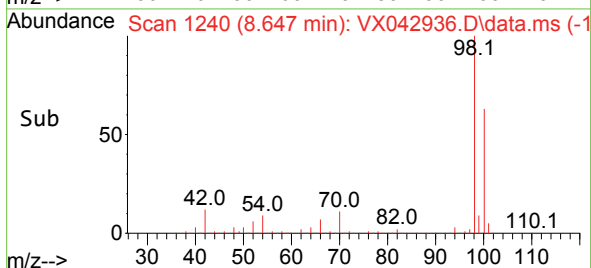
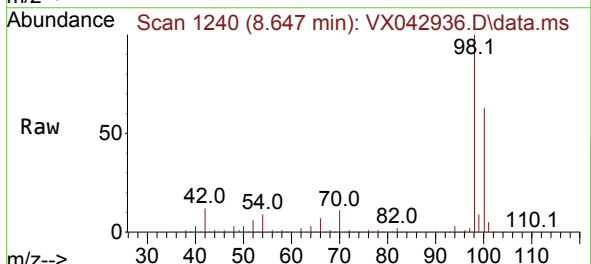


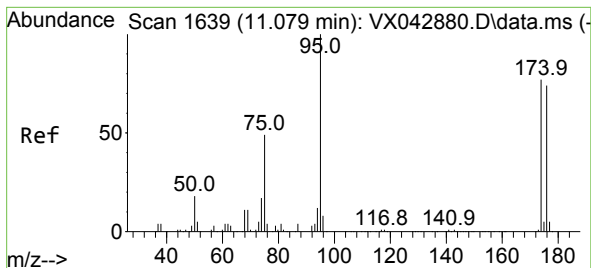
Tgt Ion:117 Resp: 16038
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.772 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

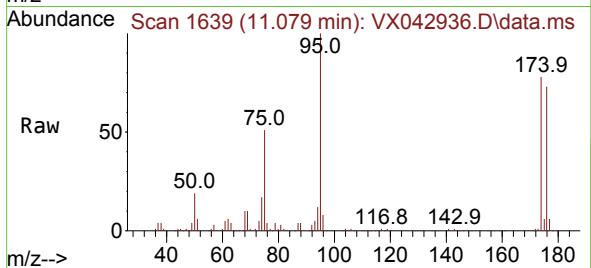
Tgt Ion: 98 Resp: 318768
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



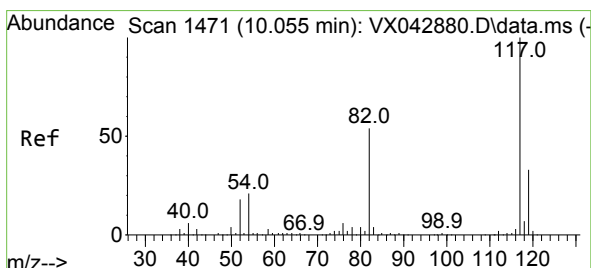
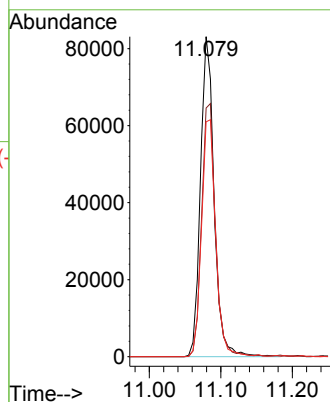
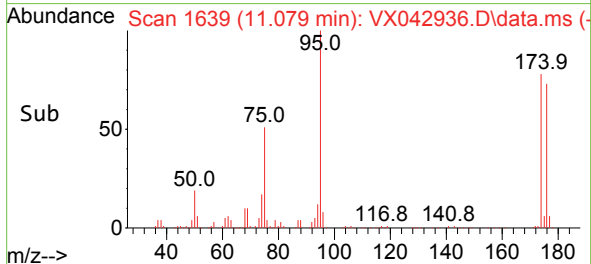


#62
4-Bromofluorobenzene
Concen: 46.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28

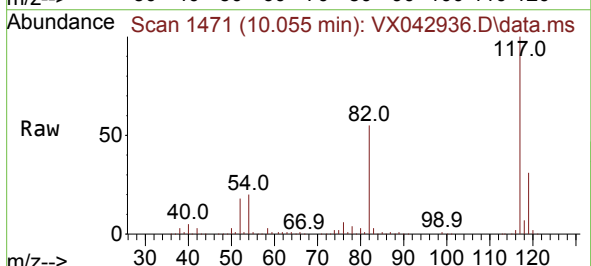
Instrument :
MSVOA_X
ClientSampleId :



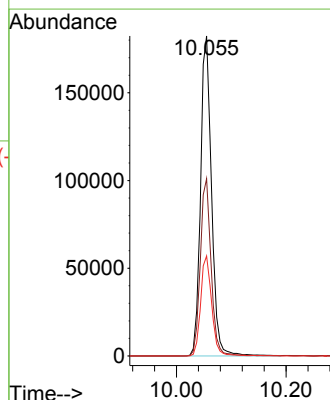
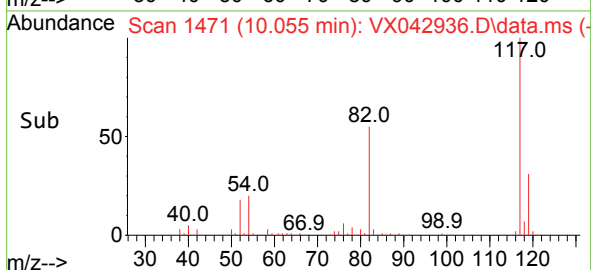
Tgt Ion: 95 Resp: 109614
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 77.3 0.0 131.0

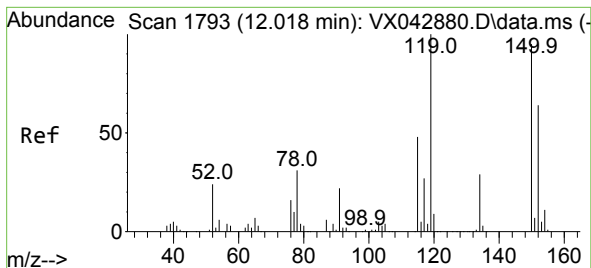


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042936.D
Acq: 08 Aug 2024 01:28



Tgt Ion: 117 Resp: 253973
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042936.D

Acq: 08 Aug 2024 01:28

Instrument :

MSVOA_X

ClientSampleId :

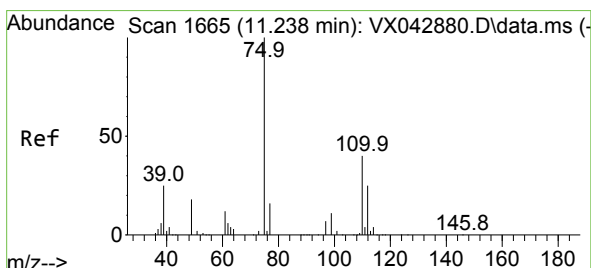
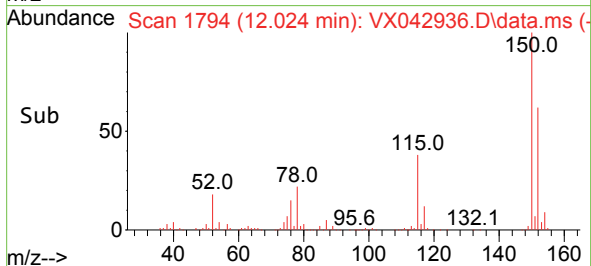
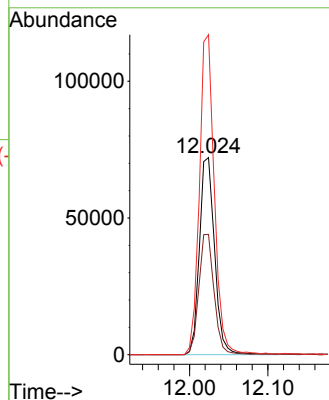
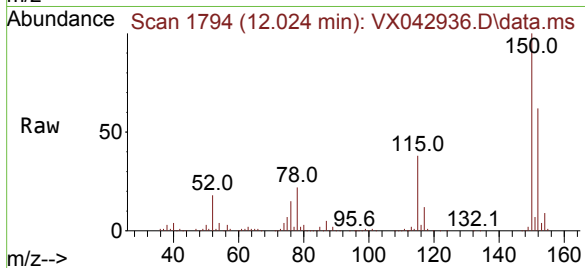
Tgt Ion:152 Resp: 97673

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 159.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.601 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042936.D

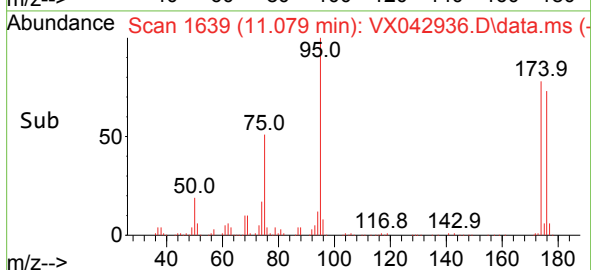
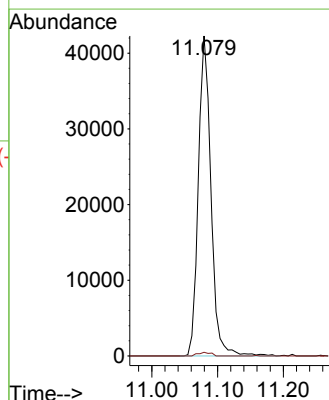
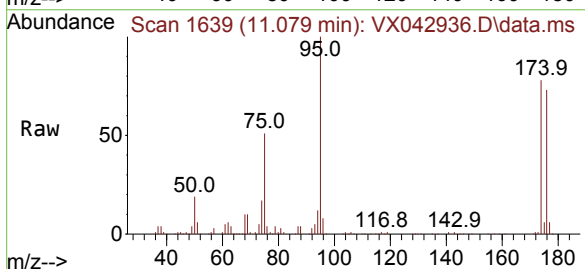
Acq: 08 Aug 2024 01:28

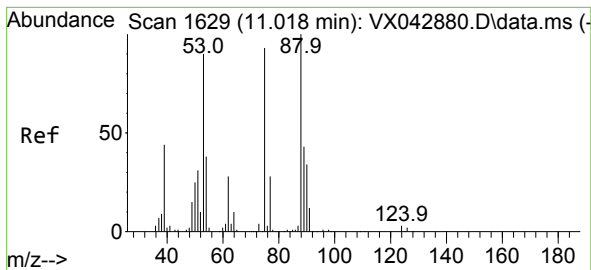
Tgt Ion: 75 Resp: 56237

Ion Ratio Lower Upper

75 100

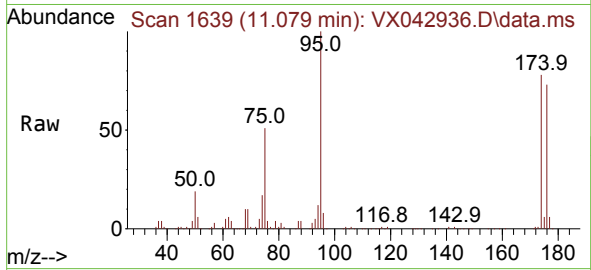
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.244 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042936.D
 Acq: 08 Aug 2024 01:28

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 56237
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

