

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041167.D
 Acq On : 19 Apr 2024 10:56
 Operator : JC/MD
 Sample : VX0419MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:27:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

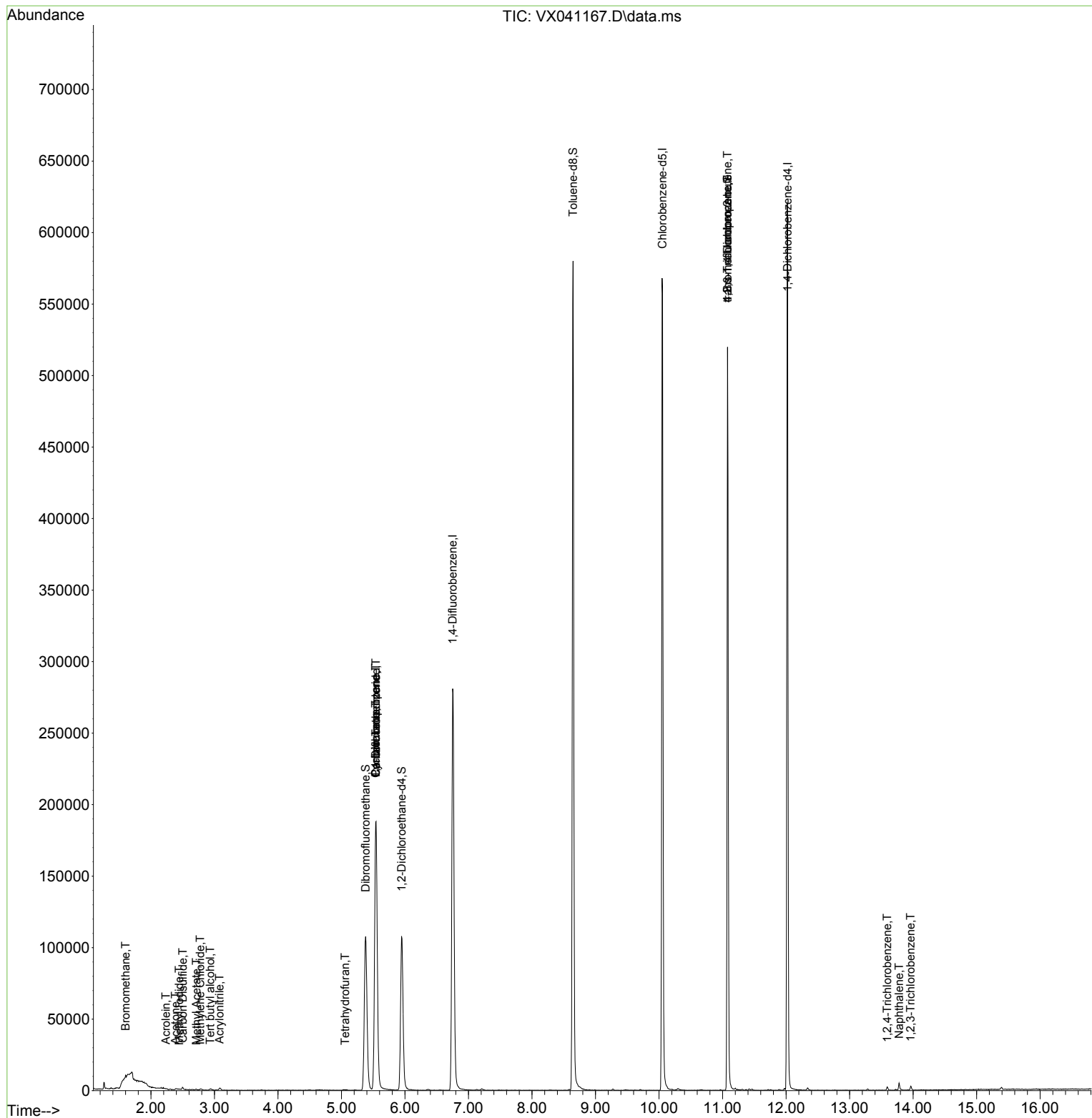
Internal Standards						
1) Pentafluorobenzene	5.544	168	213417	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.751	114	316354	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	294544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108419	47.054	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.100%		
35) Dibromofluoromethane	5.379	113	96139	45.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	8.647	98	362471	48.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	130326	46.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.760%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	679	0.502	ug/l	89
10) Methyl Iodide	2.447	142	809	0.391	ug/l #	79
11) Tert butyl alcohol	2.934	59	595	1.320	ug/l #	78
13) Acrolein	2.233	56	343	0.605	ug/l	84
15) Acrylonitrile	3.081	53	662	0.593	ug/l	91
16) Acetone	2.386	43	943	0.974	ug/l	90
17) Carbon Disulfide	2.502	76	2011	0.469	ug/l #	94
18) Methyl Acetate	2.715	43	626	0.259	ug/l	97
20) Methylene Chloride	2.776	84	481	0.233	ug/l #	66
29) Tetrahydrofuran	5.056	42	412	0.409	ug/l #	49
31) Cyclohexane	5.538	56	3493	1.224	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	12831	4.796	ug/l #	51
38) Carbon Tetrachloride	5.544	117	18007	5.804	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	63693	26.355	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63693	67.219	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1006	0.278	ug/l	94
95) Naphthalene	13.780	128	4472	0.458	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1263	0.352	ug/l	87

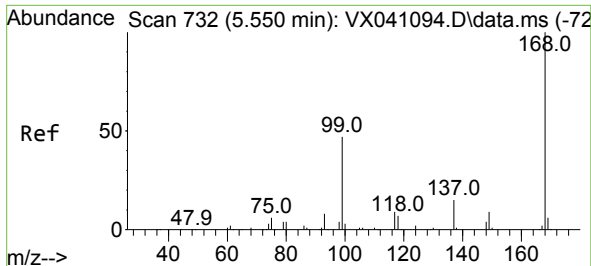
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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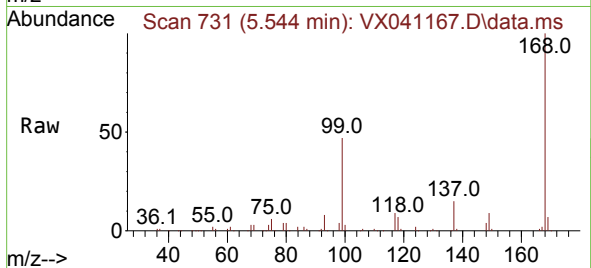
Quant Time: Apr 20 01:27:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration



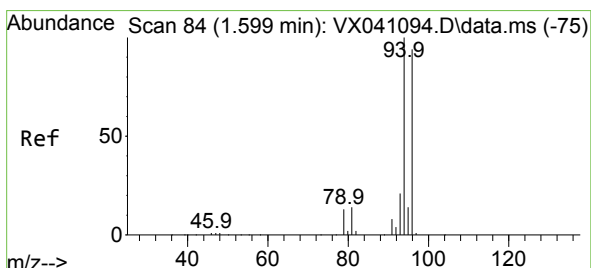
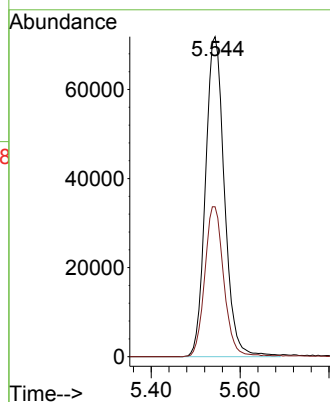
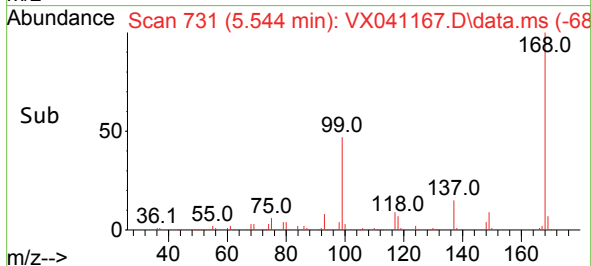


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

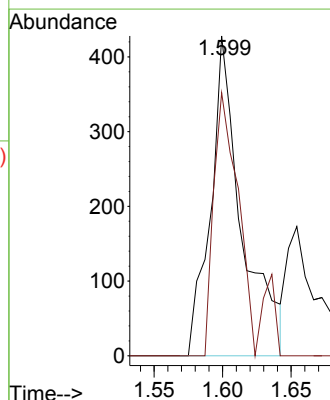
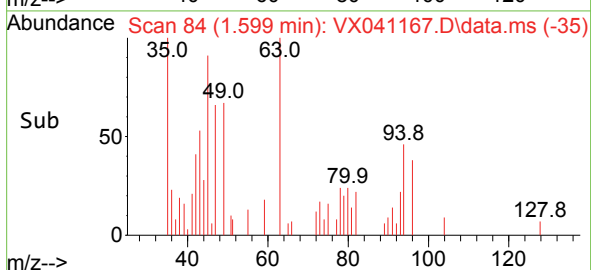
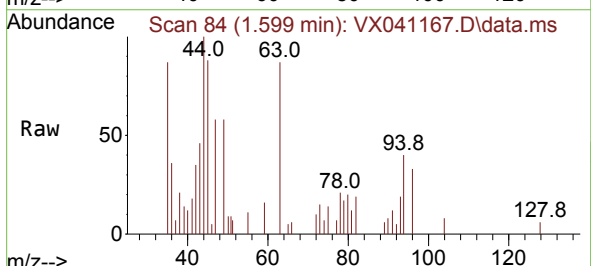


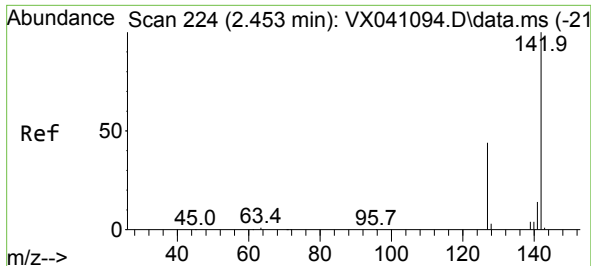
Tgt Ion:168 Resp: 213417
Ion Ratio Lower Upper
168 100
99 46.9 56.6 85.0#



#5
Bromomethane
Concen: 0.502 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

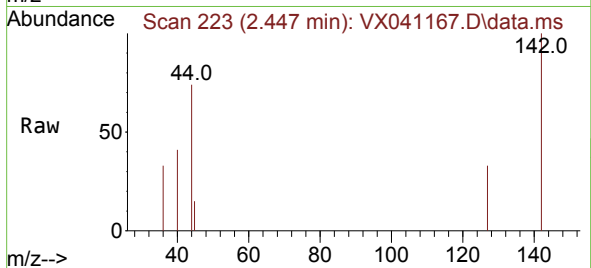
Tgt Ion: 94 Resp: 679
Ion Ratio Lower Upper
94 100
96 82.2 74.6 111.8



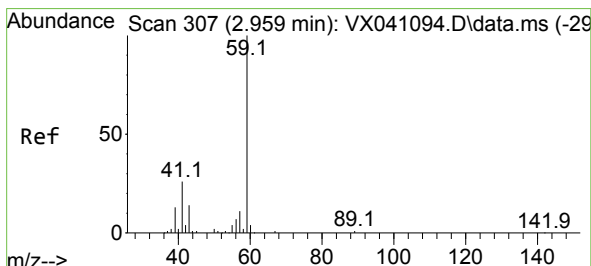
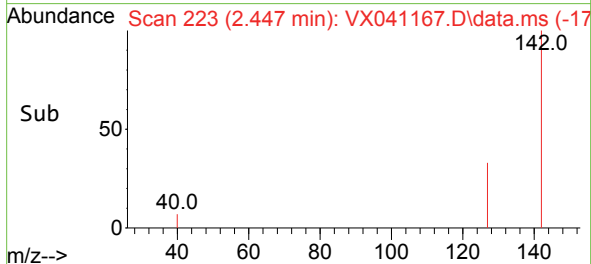
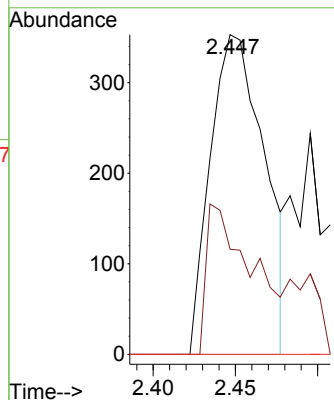


#10
Methyl Iodide
Concen: 0.391 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

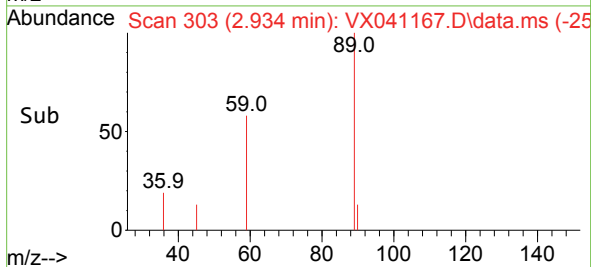
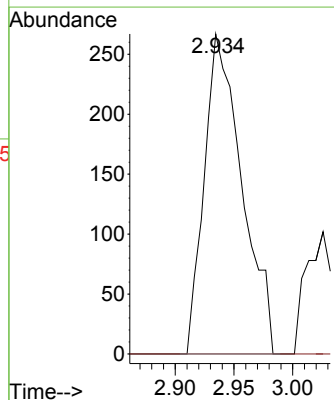
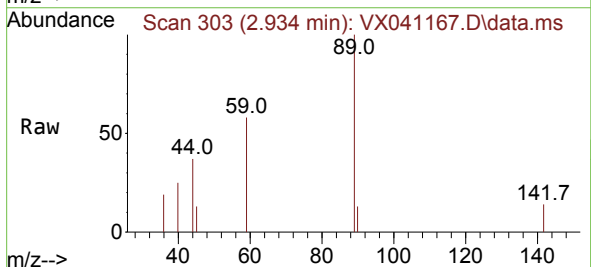


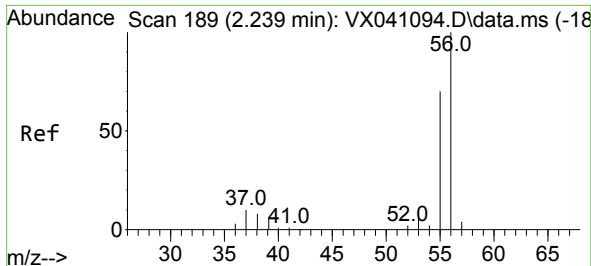
Tgt Ion:142 Resp: 809
Ion Ratio Lower Upper
142 100
127 39.9 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.320 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.024 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

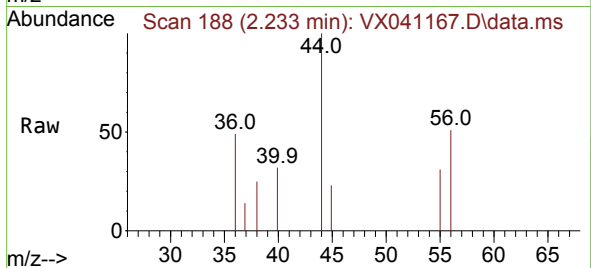
Tgt Ion: 59 Resp: 595
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



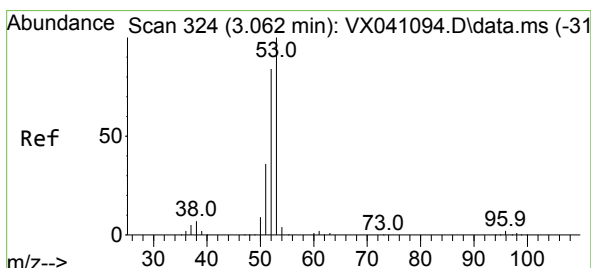
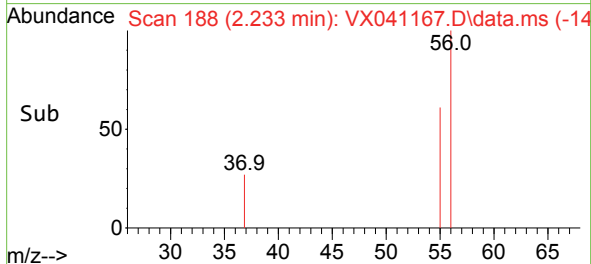
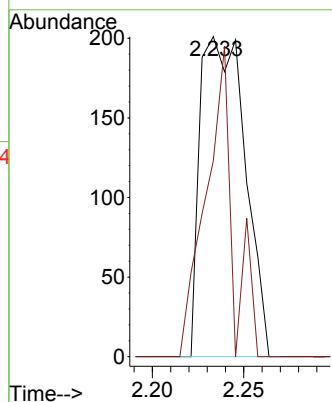


#13
Acrolein
Concen: 0.605 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

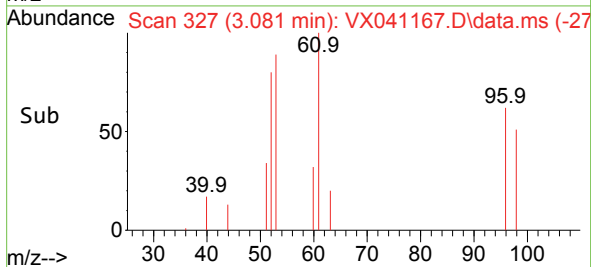
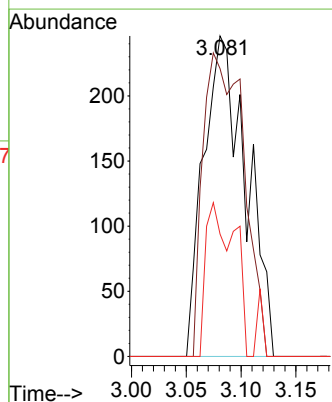
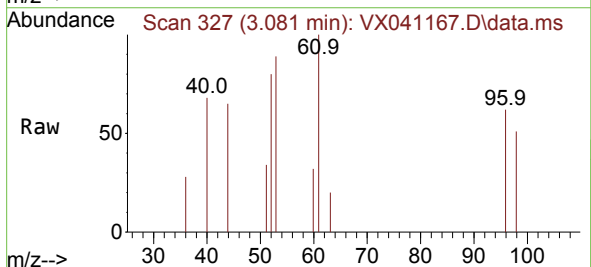


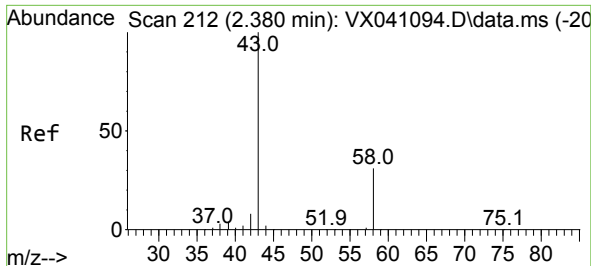
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 58.3 57.1 85.7



#15
Acrylonitrile
Concen: 0.593 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Tgt Ion: 53 Resp: 662
Ion Ratio Lower Upper
53 100
52 91.4 66.0 99.0
51 32.5 29.8 44.6

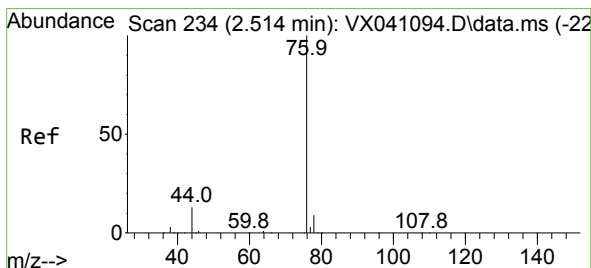
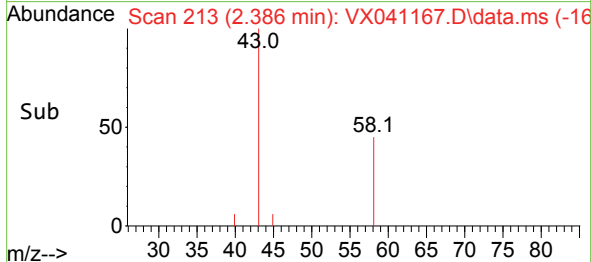
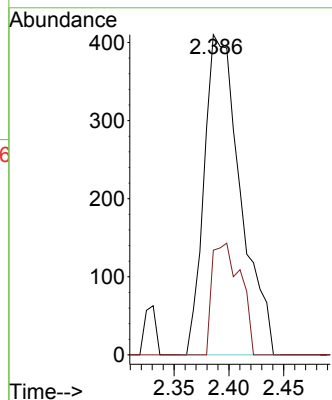
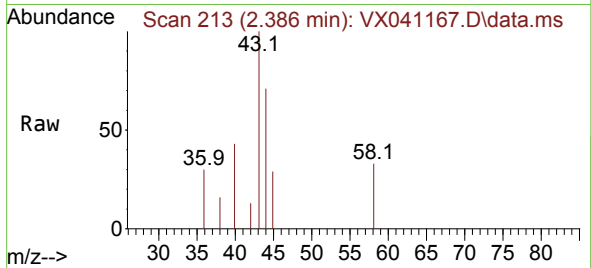




#16
Acetone
Concen: 0.974 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

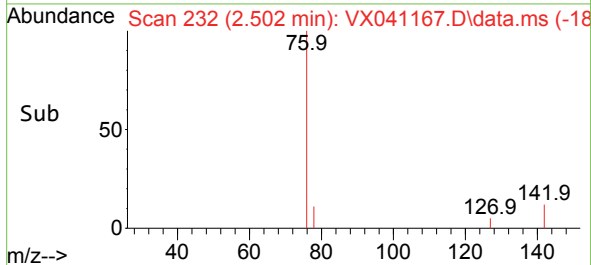
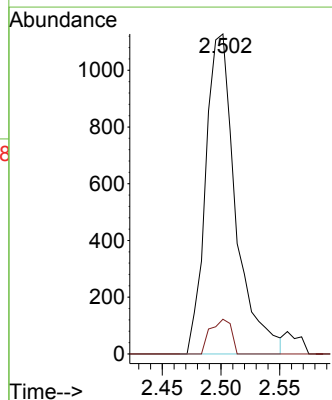
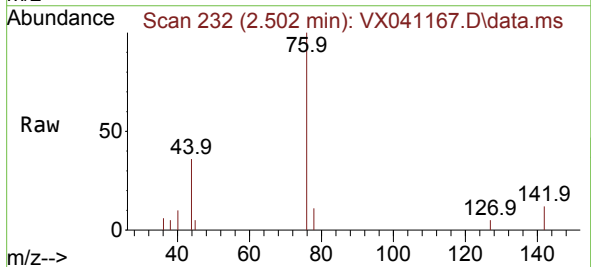
Instrument :
MSVOA_X
ClientSampleId :

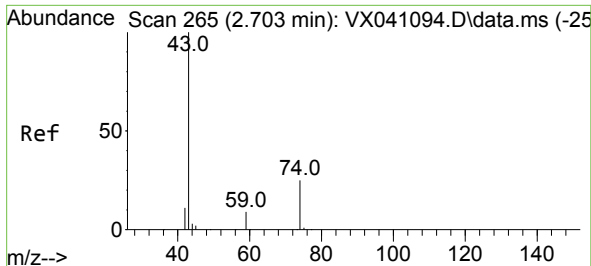
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.469 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Tgt Ion: 76 Resp: 2011
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#

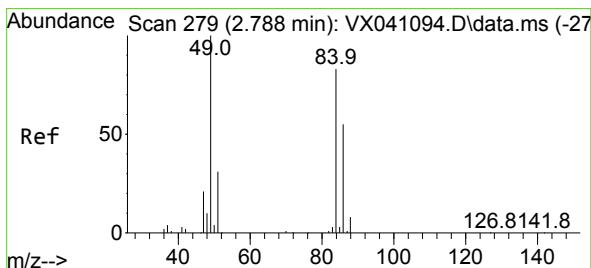
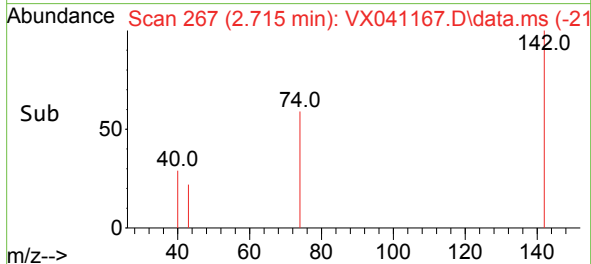
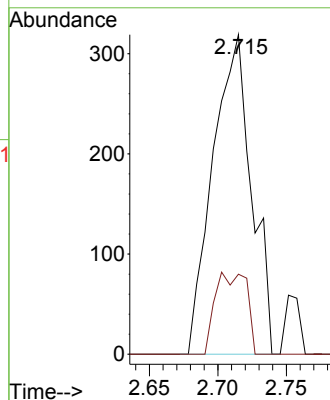
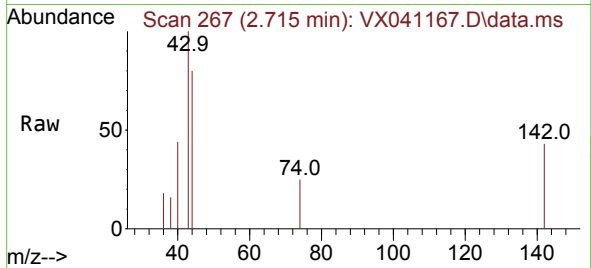




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

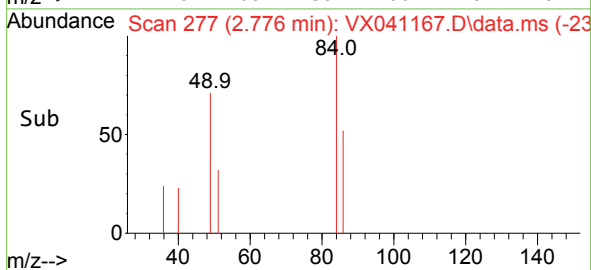
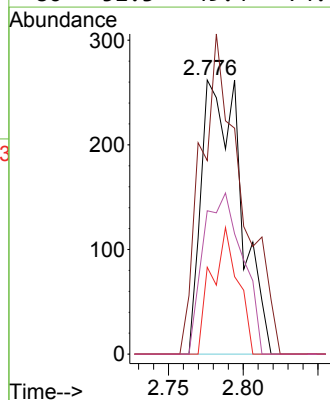
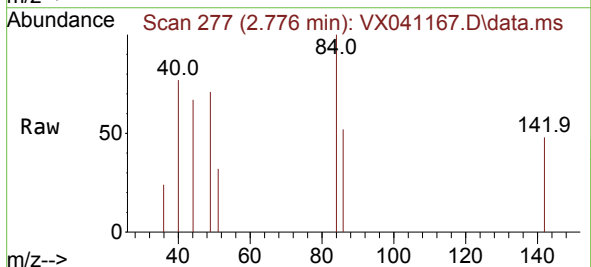
Instrument :
MSVOA_X
ClientSampleId :

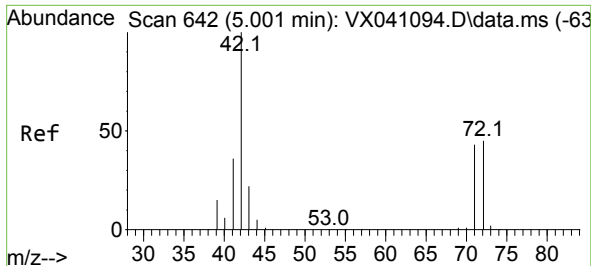
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Tgt Ion: 84 Resp: 481
Ion Ratio Lower Upper
84 100
49 70.6 103.6 155.4#
51 31.7 33.8 50.6#
86 52.3 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.409 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX041167.D

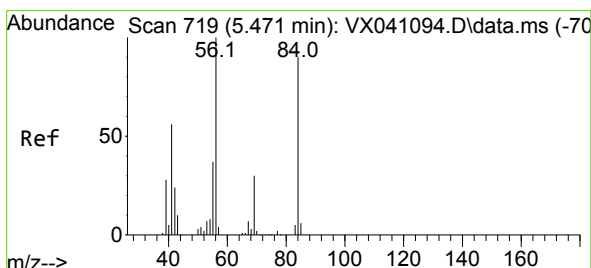
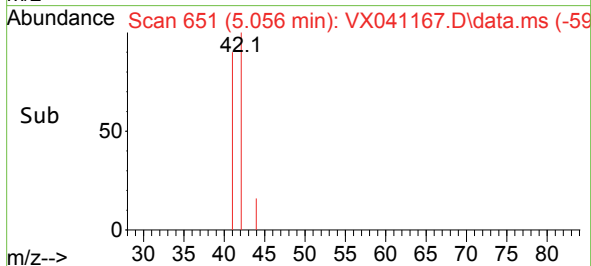
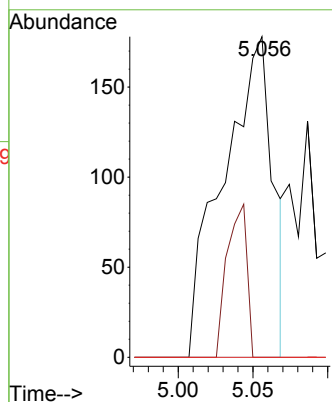
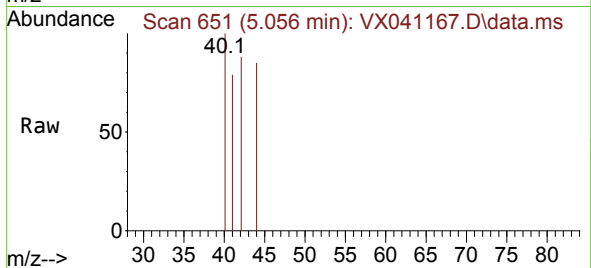
Acq: 19 Apr 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 412
Ion Ratio	Lower Upper
42	100
72	18.9 34.2 51.4#
71	0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.224 ug/l

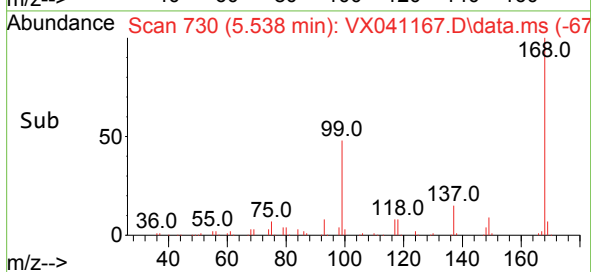
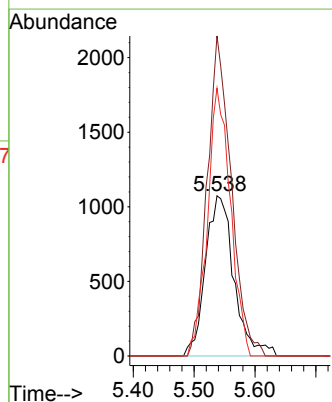
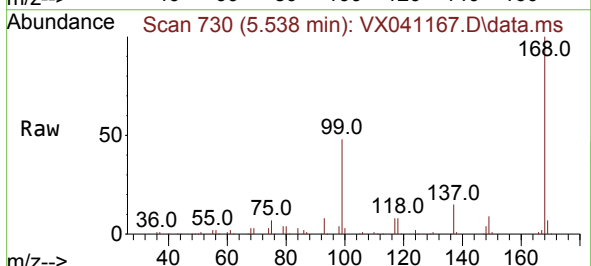
RT: 5.538 min Scan# 730

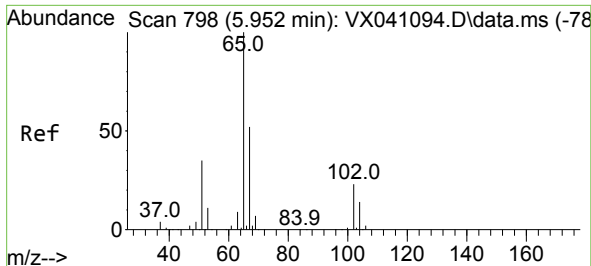
Delta R.T. 0.067 min

Lab File: VX041167.D

Acq: 19 Apr 2024 10:56

Tgt Ion: 56	Resp: 3493
Ion Ratio	Lower Upper
56	100
69	199.7 23.4 35.2#
84	167.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.054 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041167.D

Acq: 19 Apr 2024 10:56

Instrument :

MSVOA_X

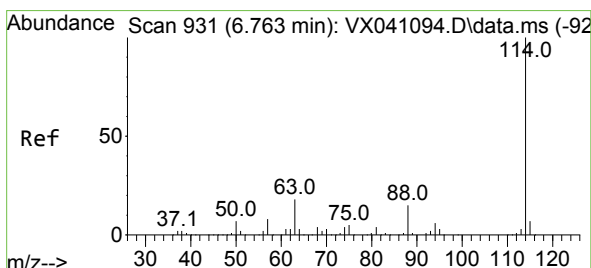
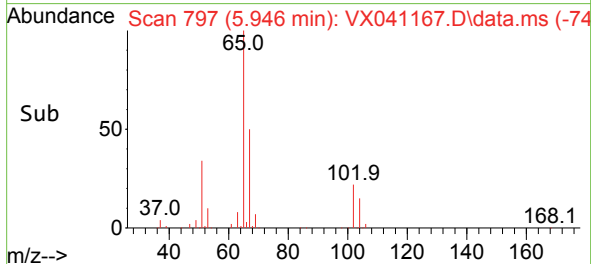
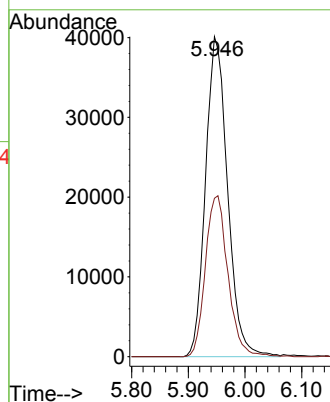
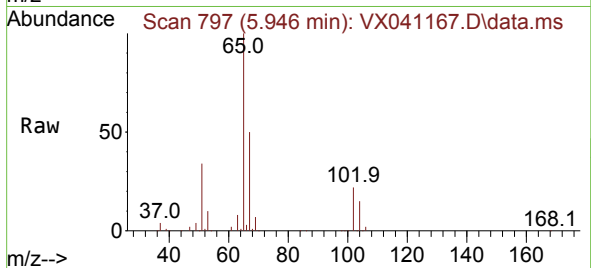
ClientSampleId :

Tgt Ion: 65 Resp: 108419

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX041167.D

Acq: 19 Apr 2024 10:56

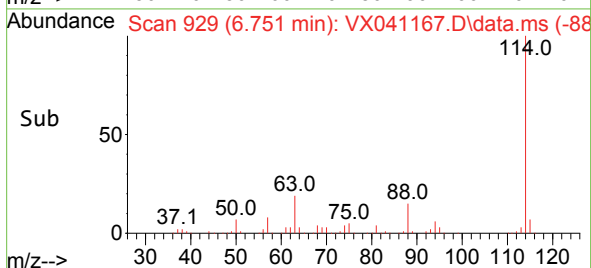
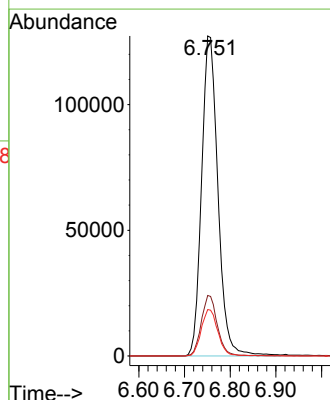
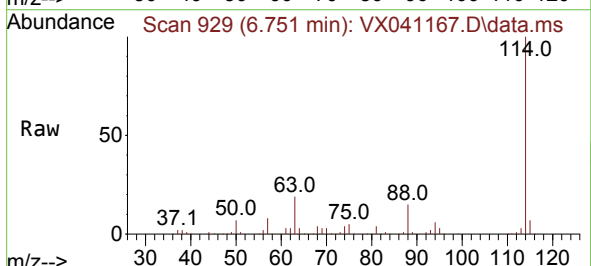
Tgt Ion: 114 Resp: 316354

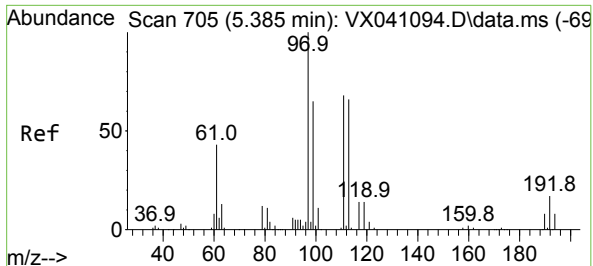
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

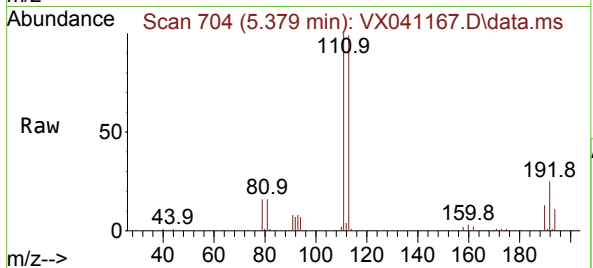
88 14.5 0.0 36.6



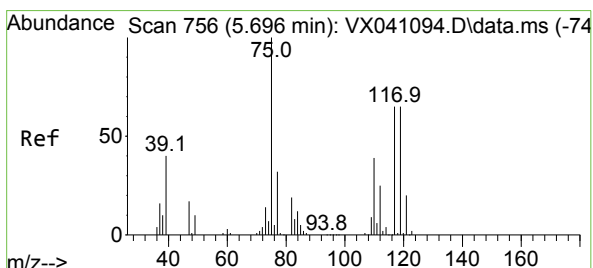
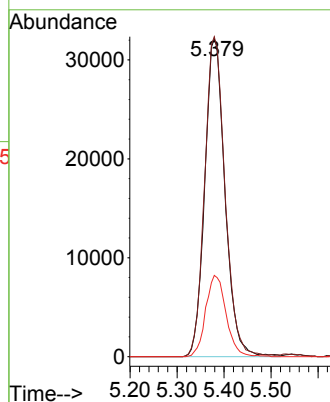
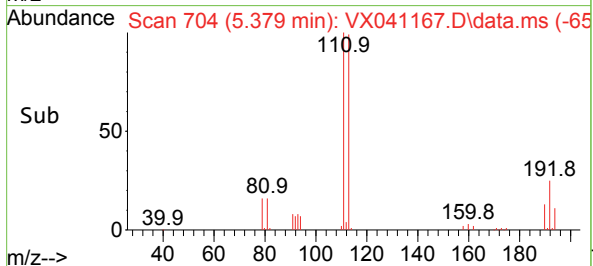


#35
Dibromofluoromethane
Concen: 45.492 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

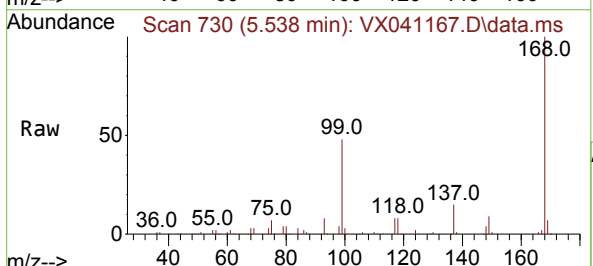
Instrument :
MSVOA_X
ClientSampleId :



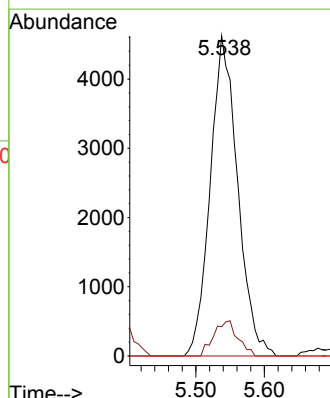
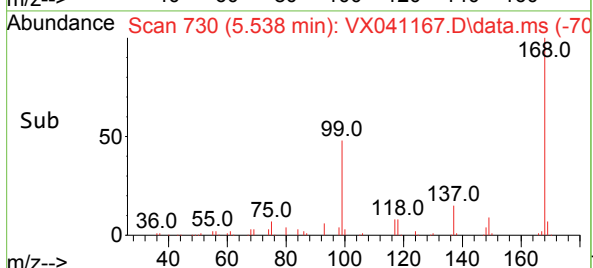
Tgt Ion:113 Resp: 96139
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 25.9 13.3 19.9#

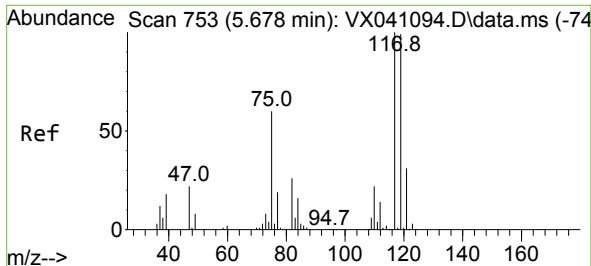


#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.159 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56



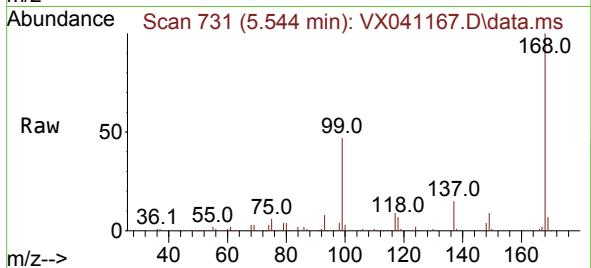
Tgt Ion: 75 Resp: 12831
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



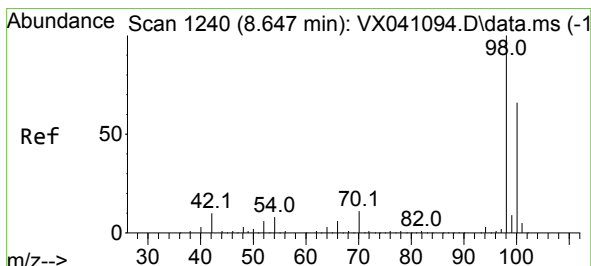
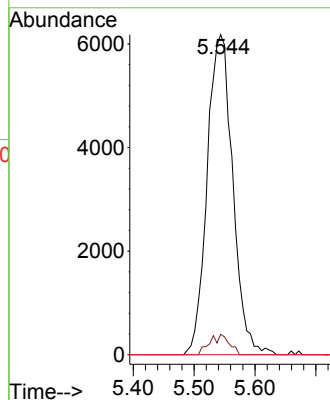
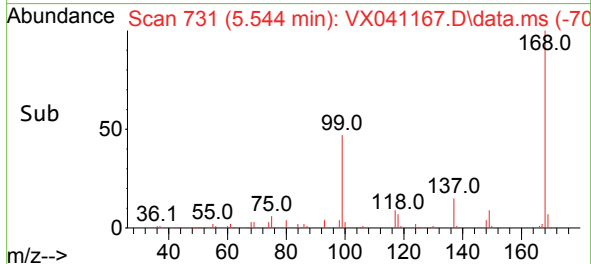


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

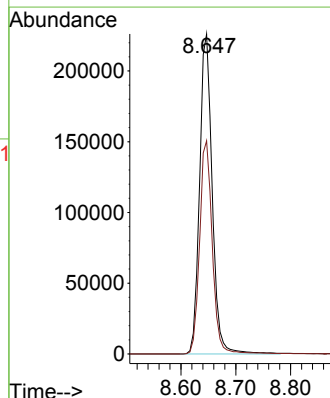
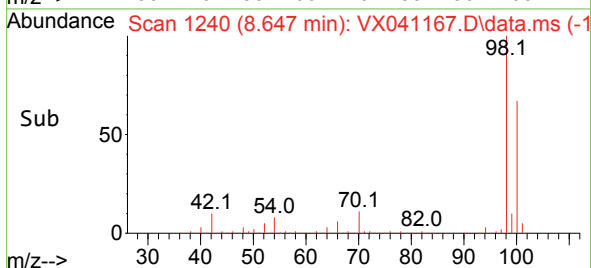
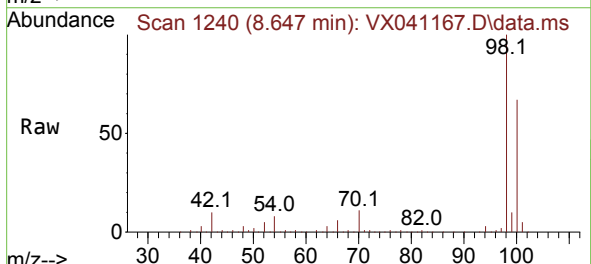


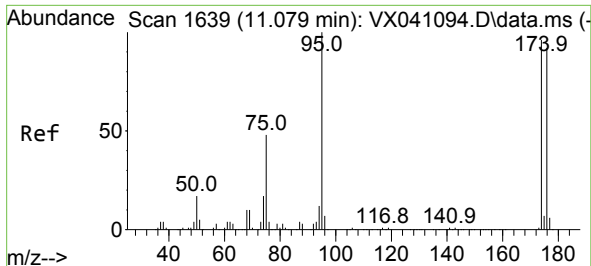
Tgt Ion:117 Resp: 18007
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.967 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

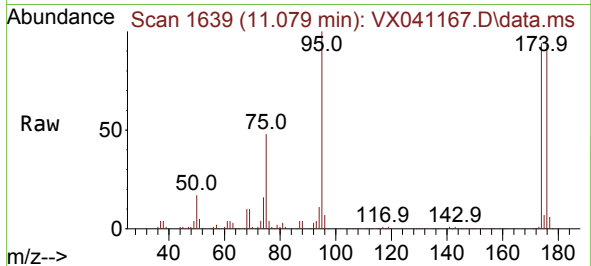
Tgt Ion: 98 Resp: 362471
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



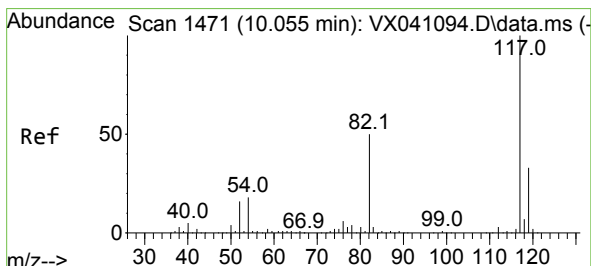
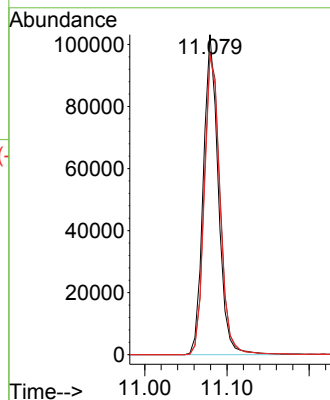
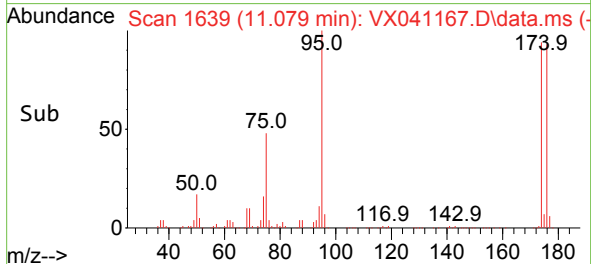


#62
4-Bromofluorobenzene
Concen: 46.380 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

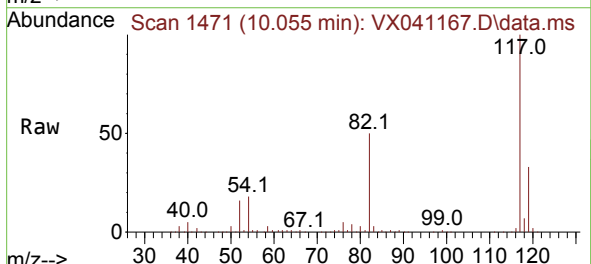
Instrument :
MSVOA_X
ClientSampleId :



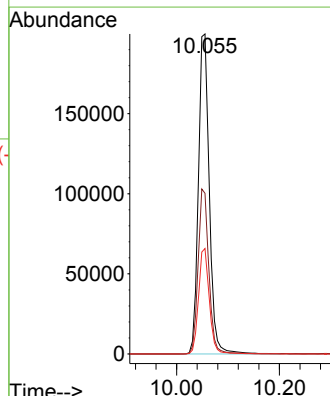
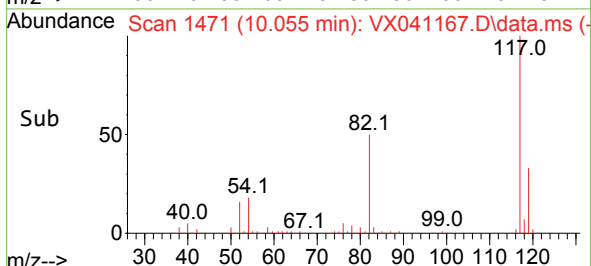
Tgt Ion: 95 Resp: 130326
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 97.2 0.0 131.0

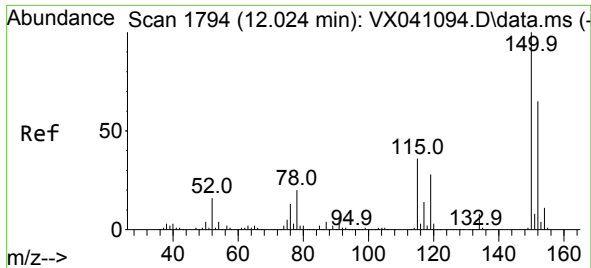


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56



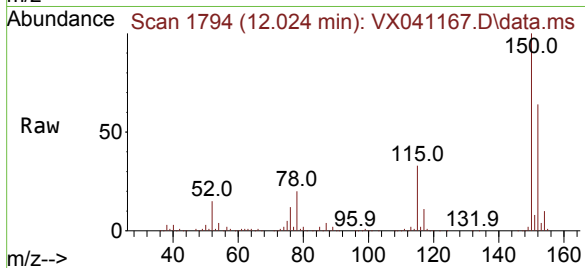
Tgt Ion: 117 Resp: 294544
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.9 25.5 38.3



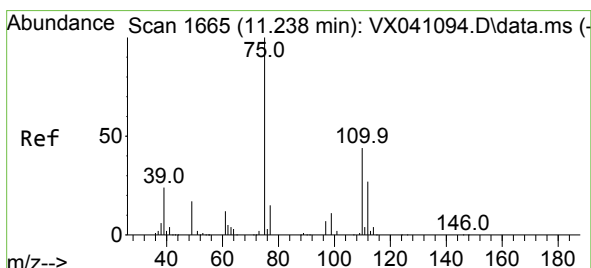
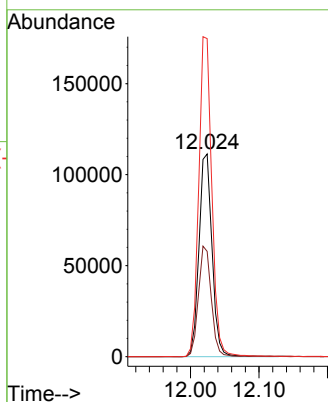
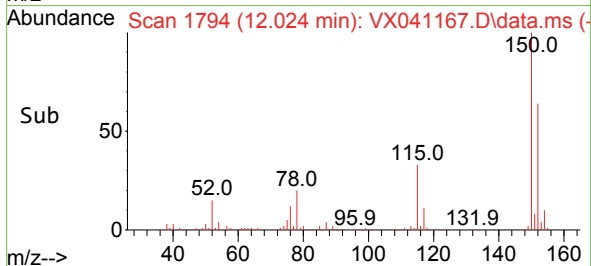


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041167.D
 Acq: 19 Apr 2024 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

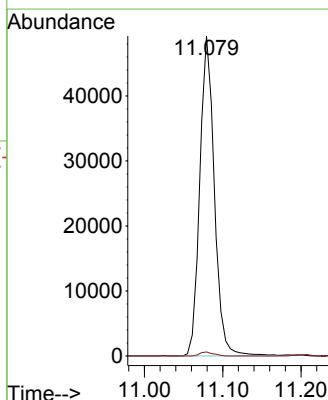
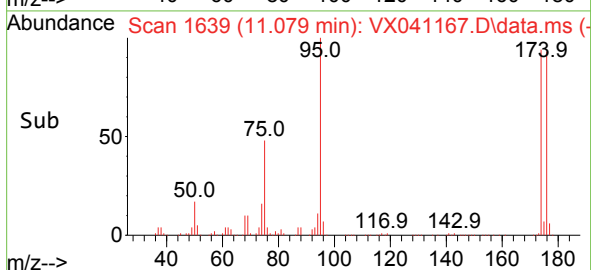
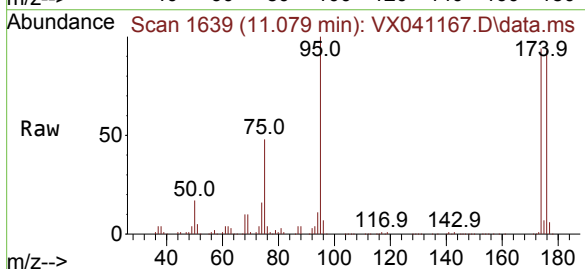


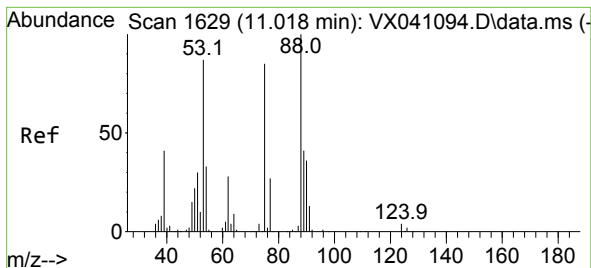
Tgt Ion:152 Resp: 148297
 Ion Ratio Lower Upper
 152 100
 115 53.7 43.3 129.9
 150 157.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.355 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041167.D
 Acq: 19 Apr 2024 10:56

Tgt Ion: 75 Resp: 63693
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

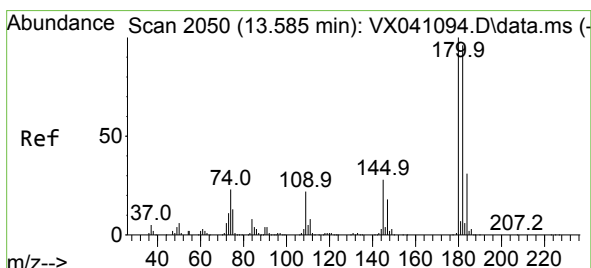
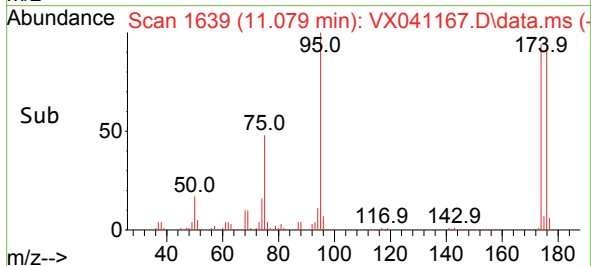
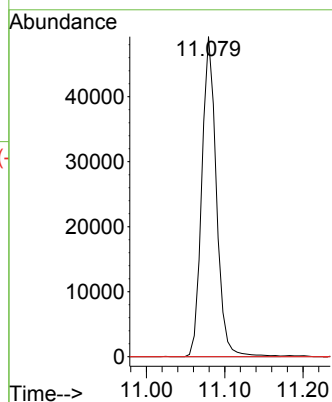
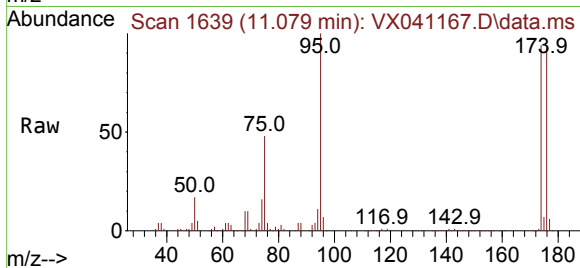




#81
trans-1,4-Dichloro-2-butene
Concen: 67.219 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

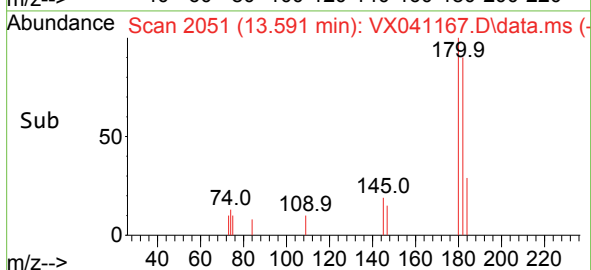
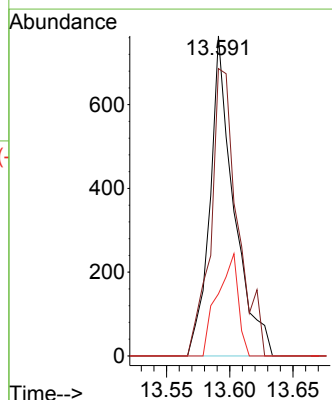
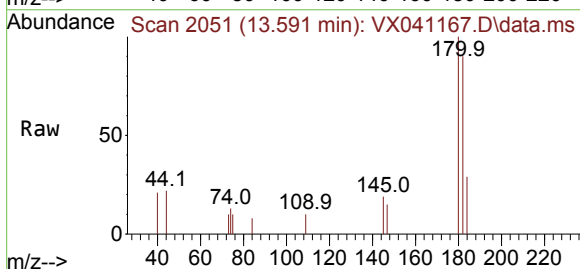
Instrument :
MSVOA_X
ClientSampleId :

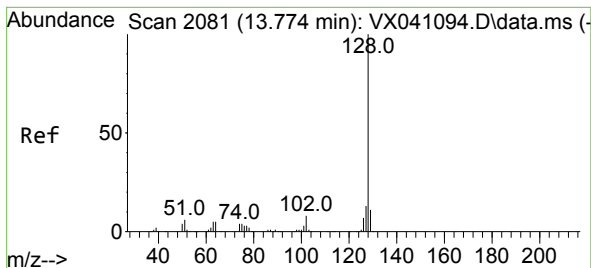
Tgt Ion: 75 Resp: 63693
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041167.D
Acq: 19 Apr 2024 10:56

Tgt Ion:180 Resp: 1006
Ion Ratio Lower Upper
180 100
182 99.8 48.3 144.8
145 27.6 18.0 54.0





#95

Naphthalene

Concen: 0.458 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041167.D

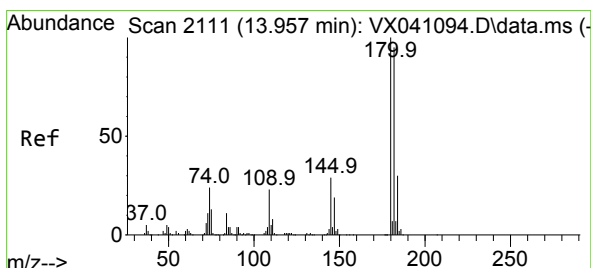
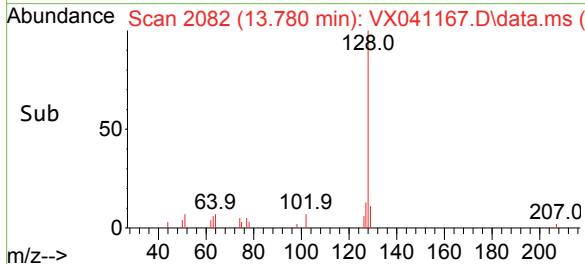
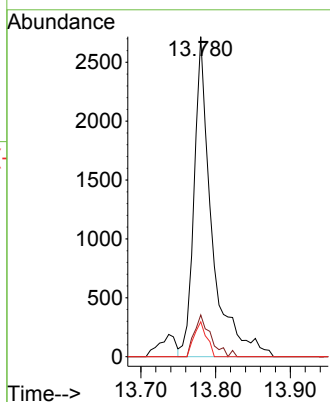
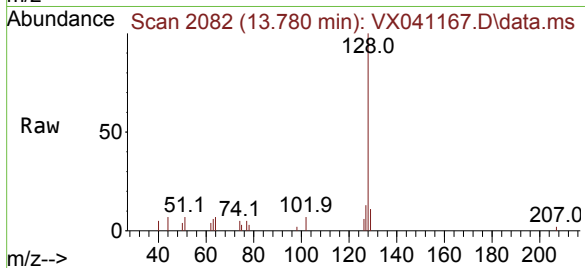
Acq: 19 Apr 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	4472
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.3 15.5
129	7.7	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.352 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041167.D

Acq: 19 Apr 2024 10:56

Tgt Ion:180	Resp:	1263
Ion Ratio	Lower	Upper
180	100	
182	84.3	46.9 140.6
145	22.1	17.8 53.5

