

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037243.D
 Acq On : 25 Aug 2023 03:11
 Operator : JC/MD
 Sample : 04109-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:44:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

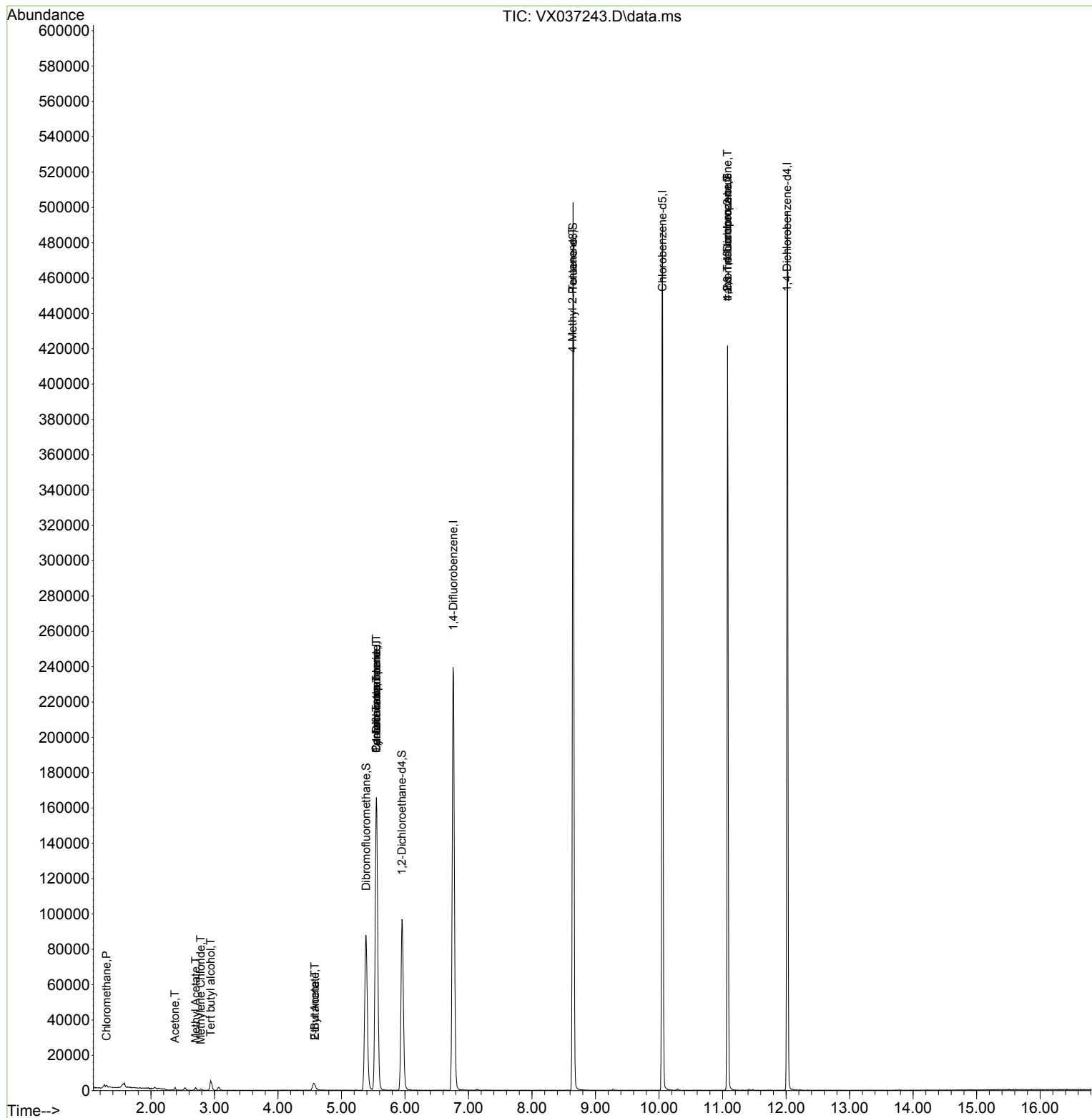
Internal Standards						
1) Pentafluorobenzene	5.550	168	154241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97553	43.870	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.740%
35) Dibromofluoromethane	5.385	113	78793	46.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.647	98	299327	49.138	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	112700	47.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1140	0.727	ug/l	96
11) Tert butyl alcohol	2.941	59	3710	7.112	ug/l #	78
16) Acetone	2.380	43	1470	1.690	ug/l #	72
18) Methyl Acetate	2.703	43	1740	0.531	ug/l	100
20) Methylene Chloride	2.782	84	420	0.216	ug/l	82
25) 2-Butanone	4.580	43	589	0.450	ug/l #	51
31) Cyclohexane	5.550	56	3037	1.215	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12116	5.078	ug/l #	50
37) Ethyl Acetate	4.580	43	589	0.242	ug/l #	69
38) Carbon Tetrachloride	5.550	117	16953	6.541	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1076	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57161	25.573	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57161	71.428	ug/l #	5

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

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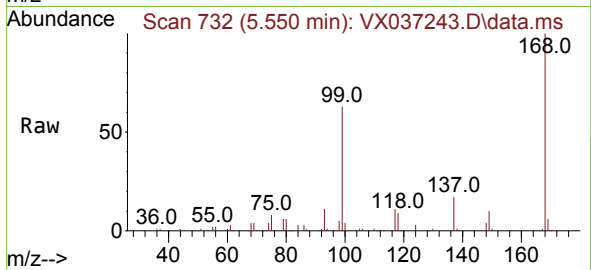
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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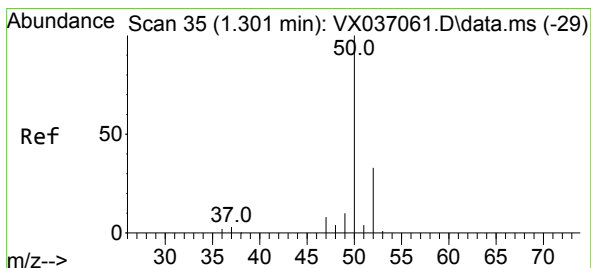
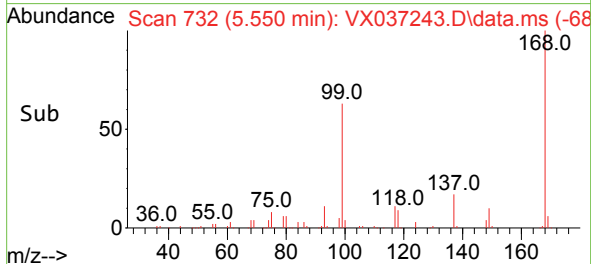
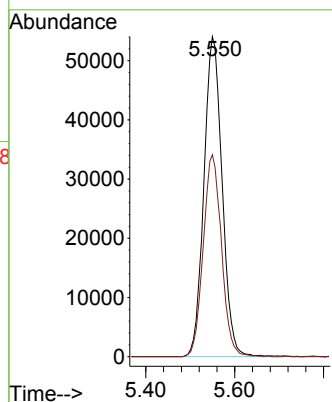


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Instrument :
MSVOA_X
ClientSampleId :

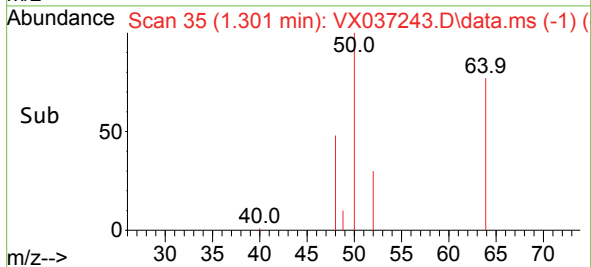
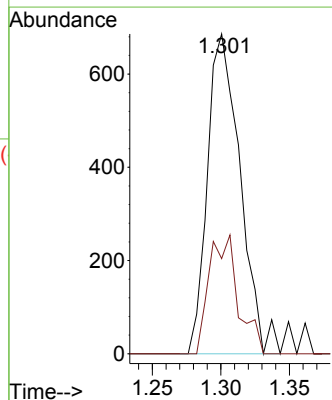
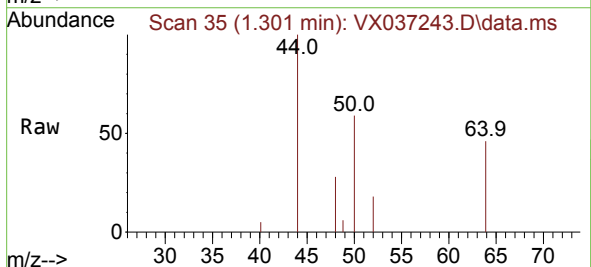


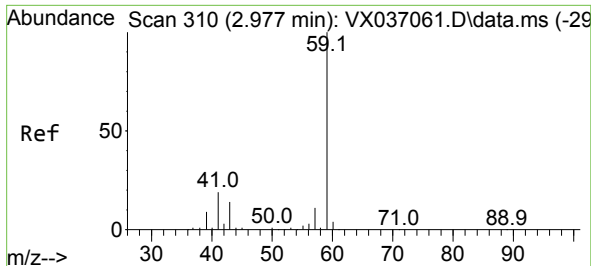
Tgt Ion:168 Resp: 154241
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#3
Chloromethane
Concen: 0.727 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

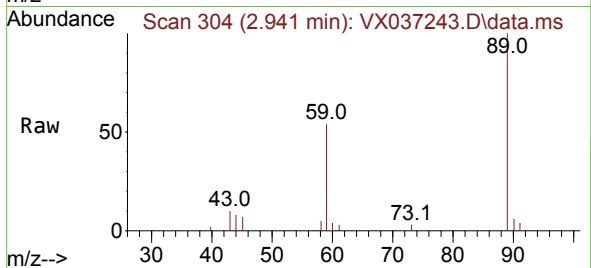
Tgt Ion: 50 Resp: 1140
Ion Ratio Lower Upper
50 100
52 29.7 25.5 38.3



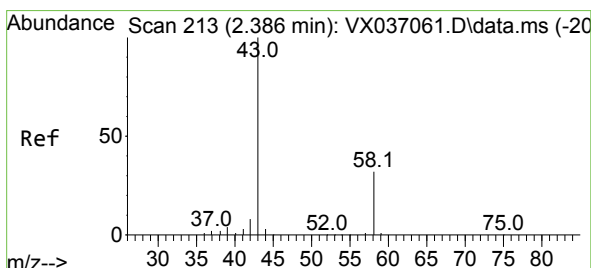
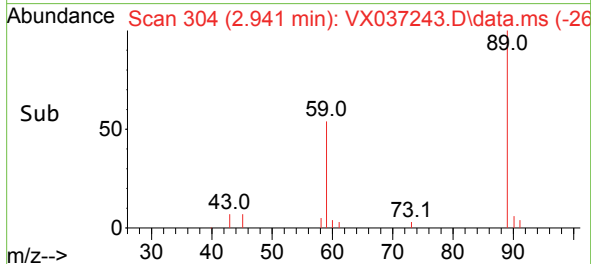
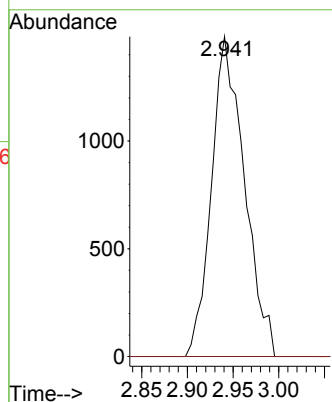


#11
Tert butyl alcohol
Concen: 7.112 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.037 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Instrument :
MSVOA_X
ClientSampleId :

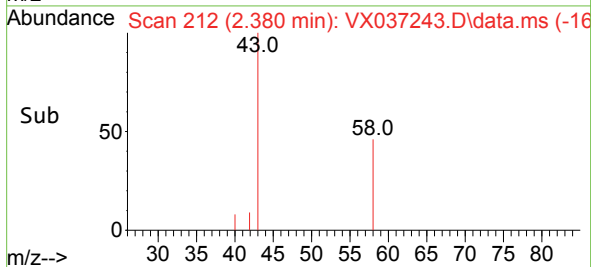
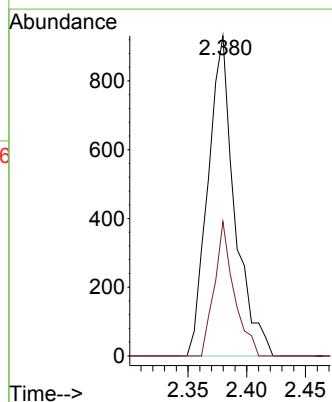
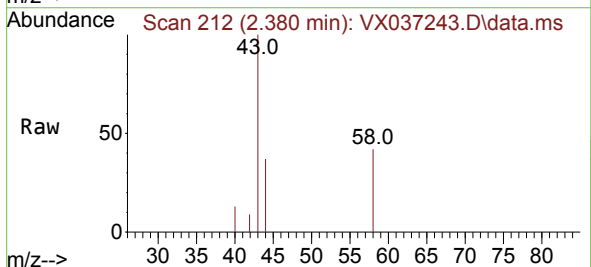


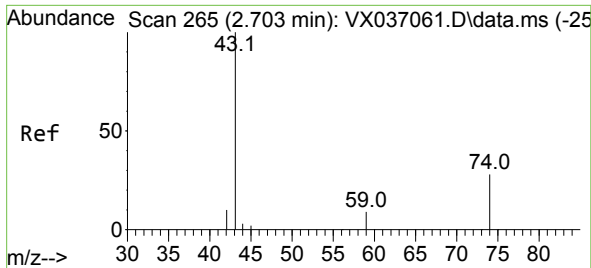
Tgt Ion: 59 Resp: 3710
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.690 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 42.0 21.9 32.9#

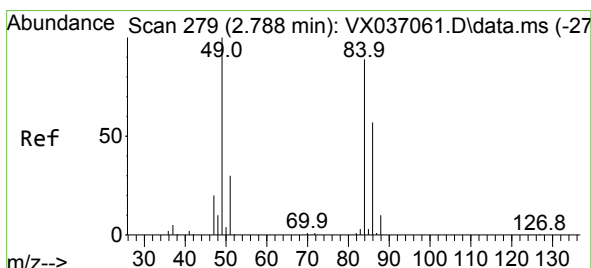
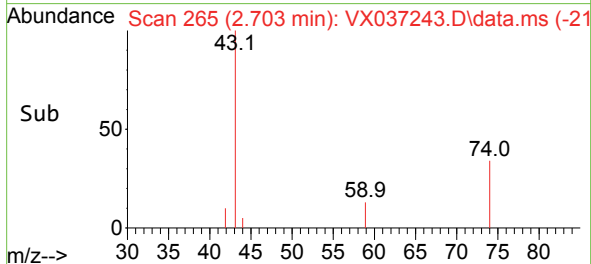
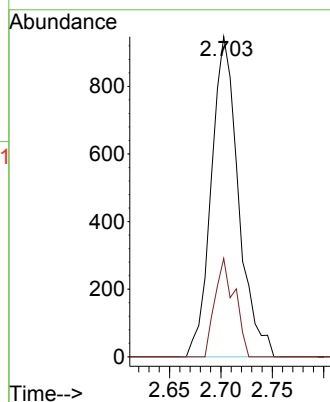
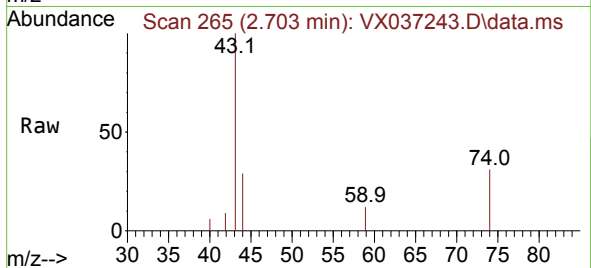




#18
Methyl Acetate
Concen: 0.531 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

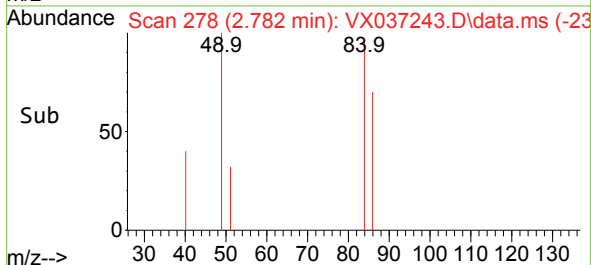
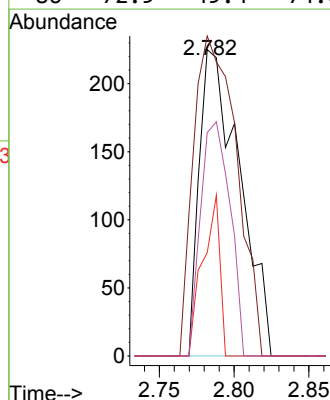
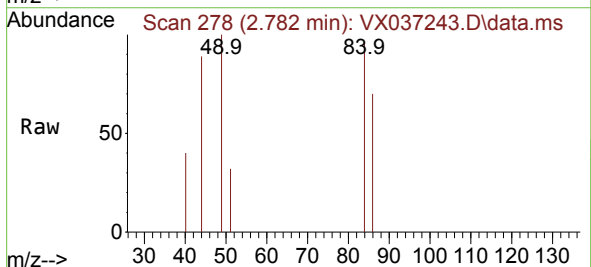
Instrument :
MSVOA_X
ClientSampleId :

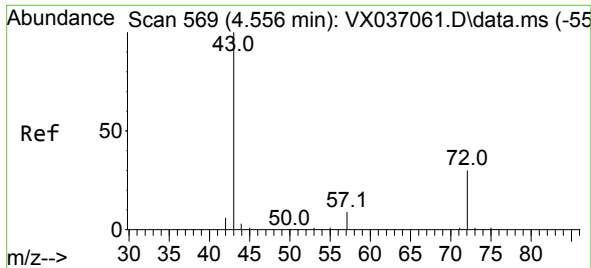
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Tgt Ion: 84 Resp: 420
Ion Ratio Lower Upper
84 100
49 104.4 103.6 155.4
51 33.8 33.8 50.6
86 72.9 49.4 74.0

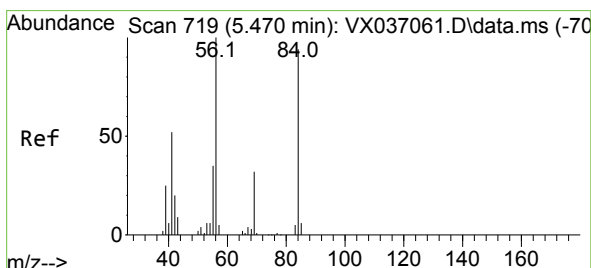
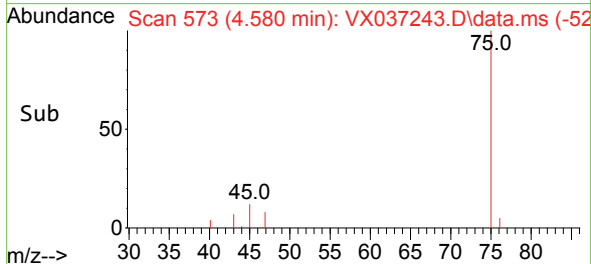
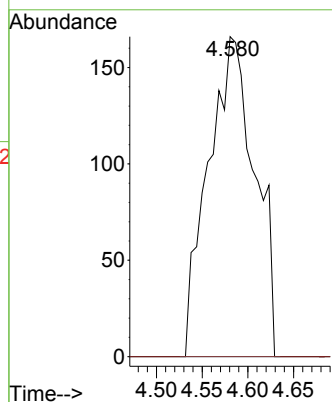
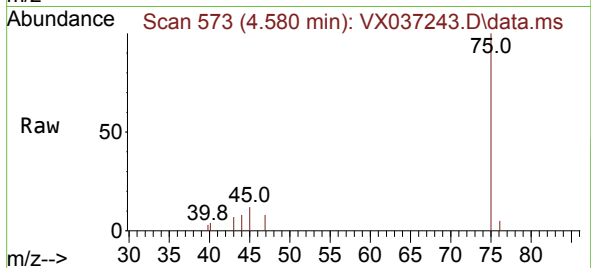




#25
2-Butanone
Concen: 0.450 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

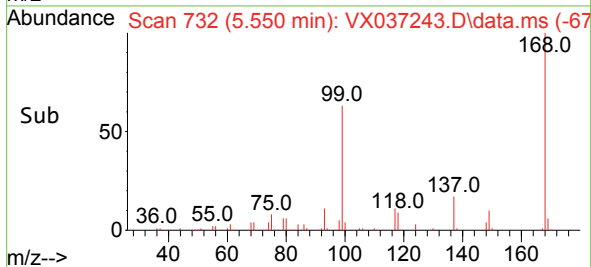
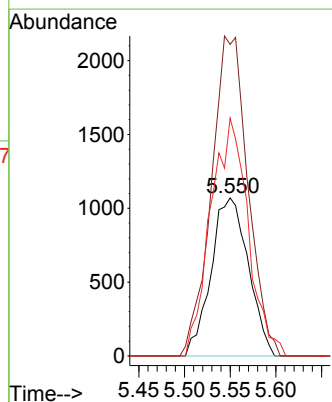
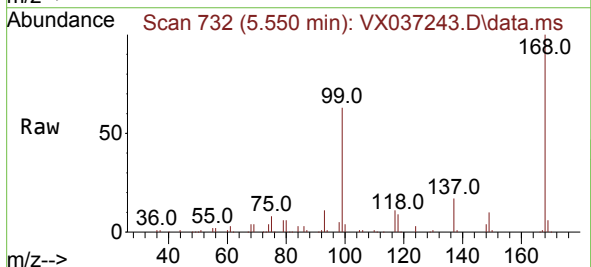
Instrument :
MSVOA_X
ClientSampleId :

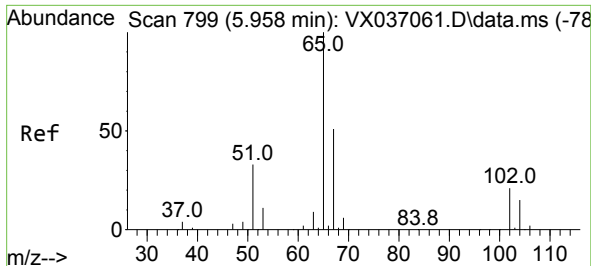
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Tgt Ion: 56 Resp: 3037
Ion Ratio Lower Upper
56 100
69 197.0 23.4 35.2#
84 150.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.870 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037243.D

Acq: 25 Aug 2023 03:11

Instrument :

MSVOA_X

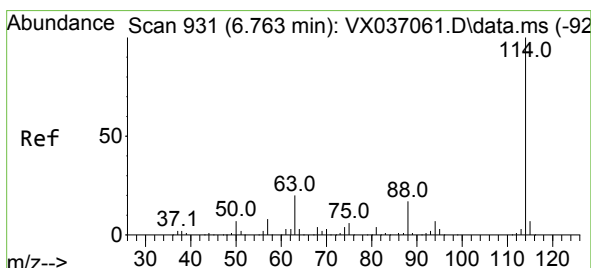
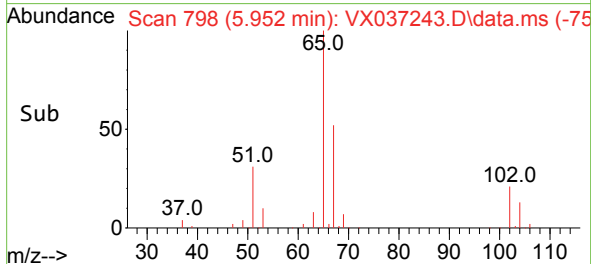
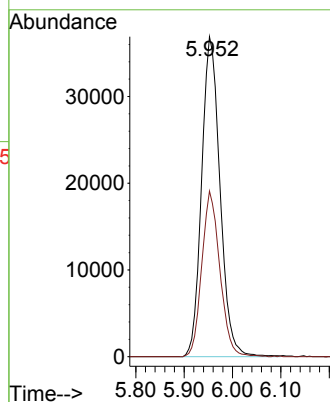
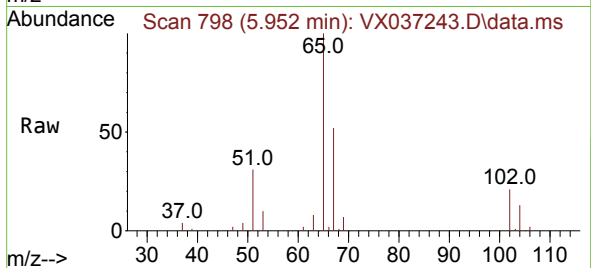
ClientSampleId :

Tgt Ion: 65 Resp: 97553

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: VX037243.D

Acq: 25 Aug 2023 03:11

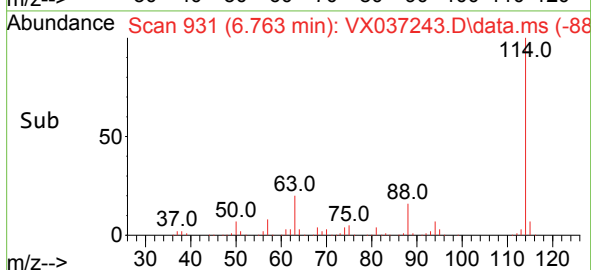
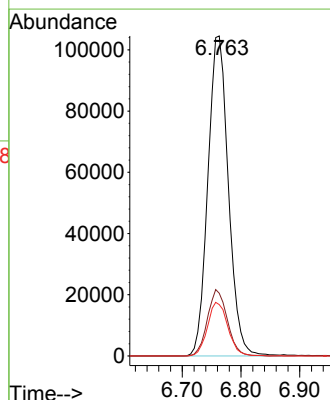
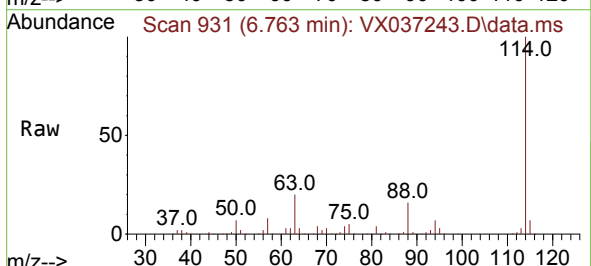
Tgt Ion: 114 Resp: 253569

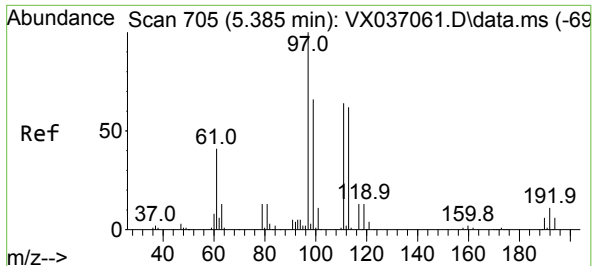
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

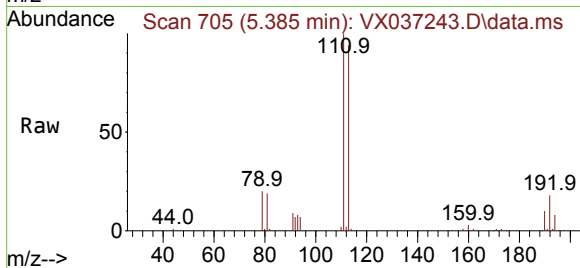
88 16.1 0.0 36.6



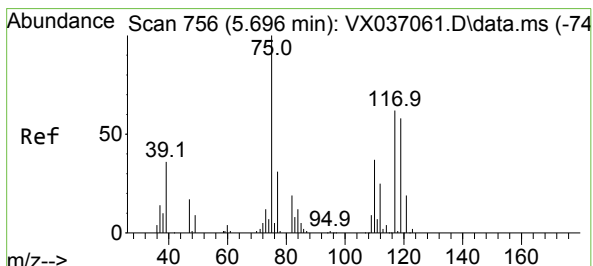
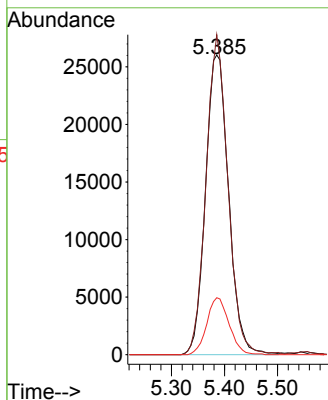
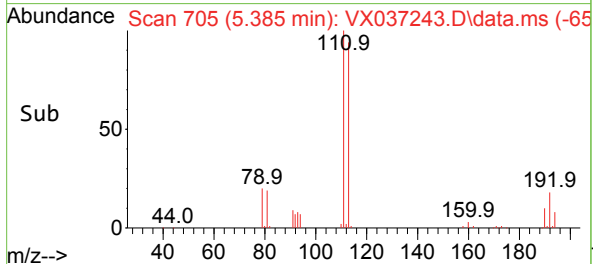


#35
Dibromofluoromethane
Concen: 46.919 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

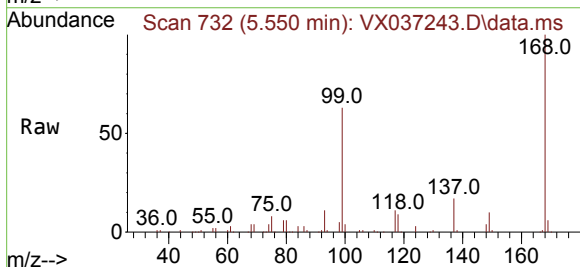
Instrument :
MSVOA_X
ClientSampleId :



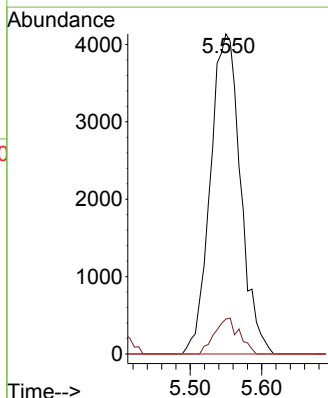
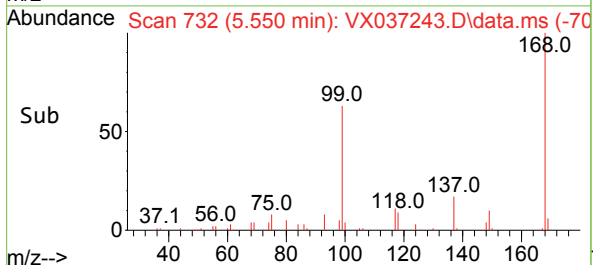
Tgt Ion:113 Resp: 78793
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.3 13.3 19.9

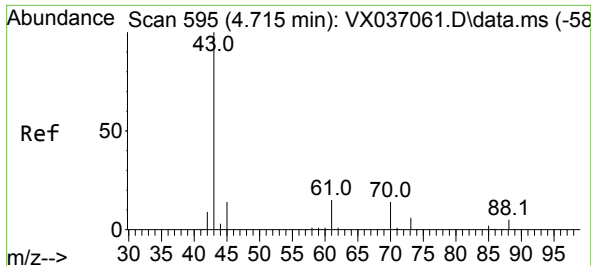


#36
1,1-Dichloropropene
Concen: 5.078 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11



Tgt Ion: 75 Resp: 12116
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.242 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

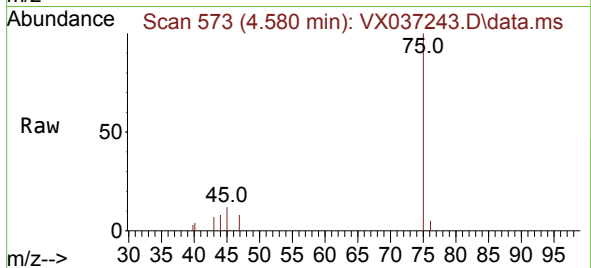
Lab File: VX037243.D

Acq: 25 Aug 2023 03:11

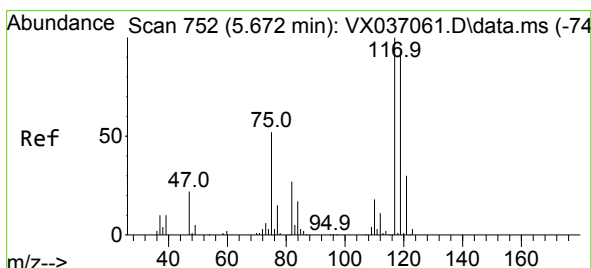
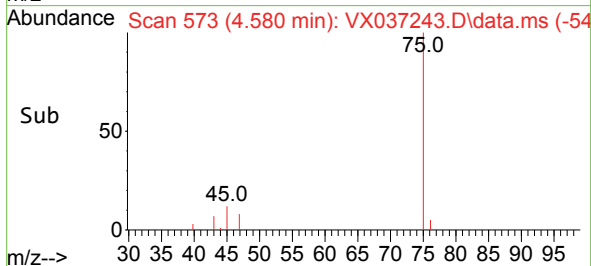
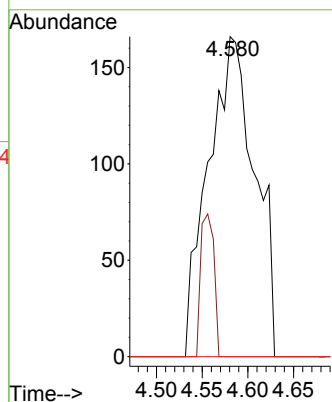
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 589
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.541 ug/l

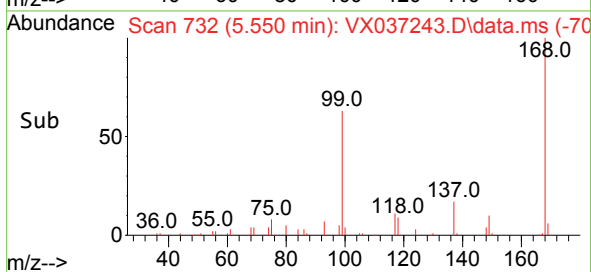
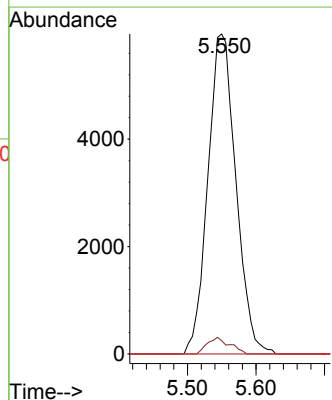
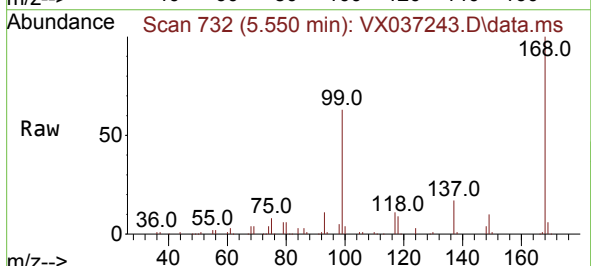
RT: 5.550 min Scan# 732

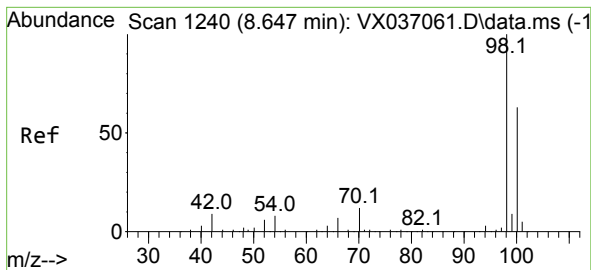
Delta R.T. -0.122 min

Lab File: VX037243.D

Acq: 25 Aug 2023 03:11

Tgt Ion: 117	Resp: 16953
Ion Ratio	Lower Upper
117	100
119	4.1 78.2 117.2#
121	0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.138 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037243.D

Acq: 25 Aug 2023 03:11

Instrument :

MSVOA_X

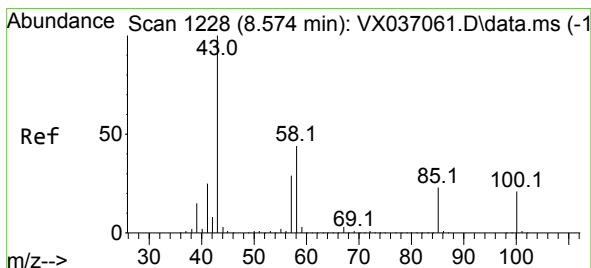
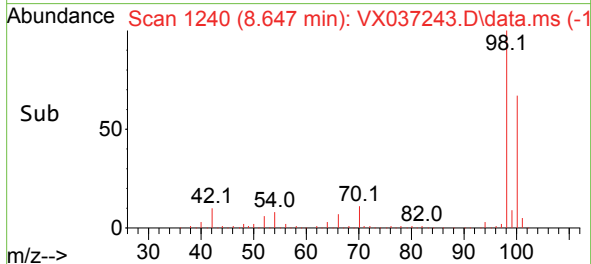
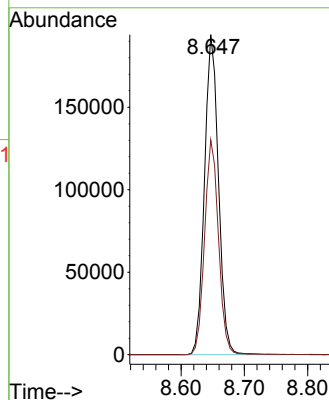
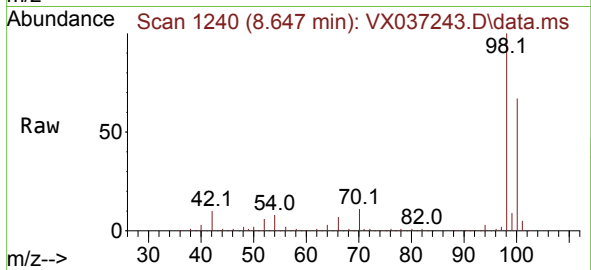
ClientSampleId :

Tgt Ion: 98 Resp: 299327

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.458 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX037243.D

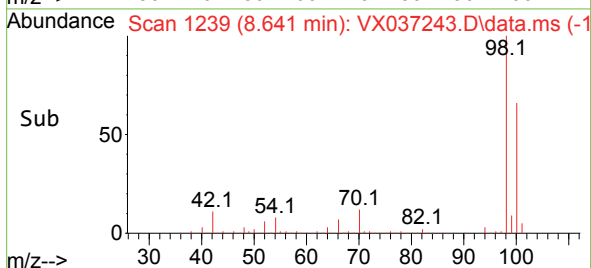
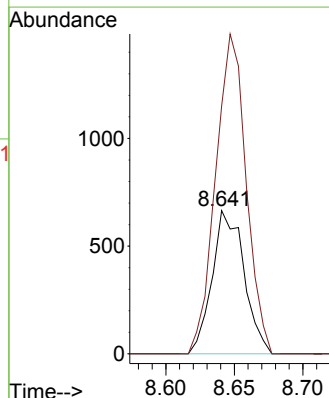
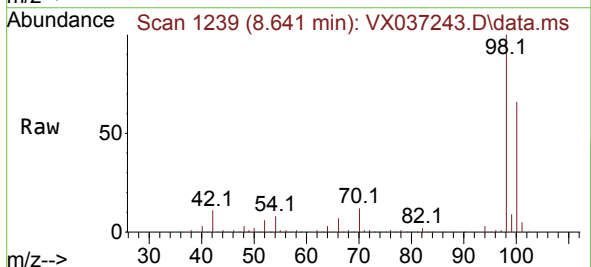
Acq: 25 Aug 2023 03:11

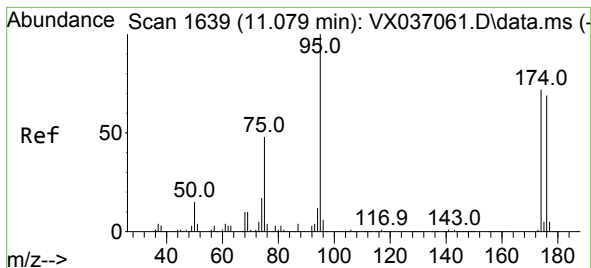
Tgt Ion: 43 Resp: 1076

Ion Ratio Lower Upper

43 100

58 214.2 30.4 45.6#

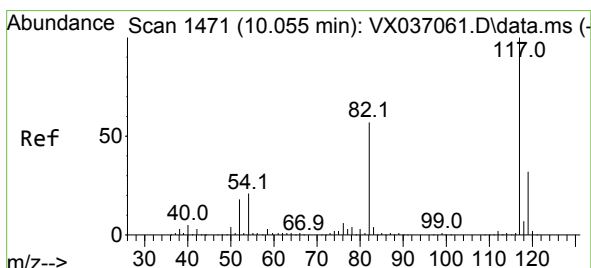
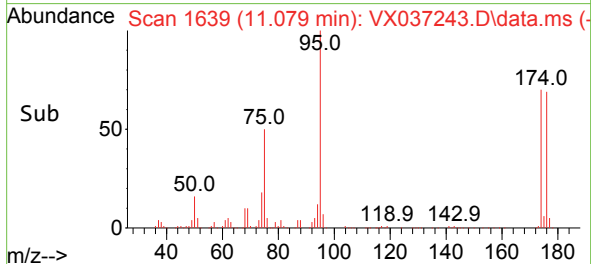
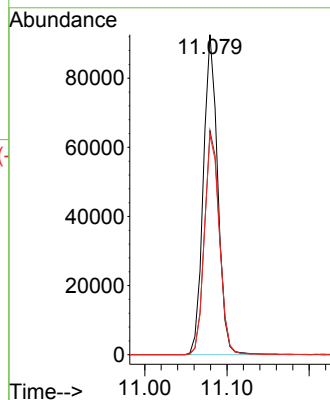
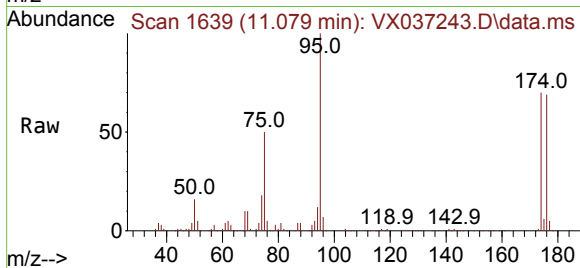




#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

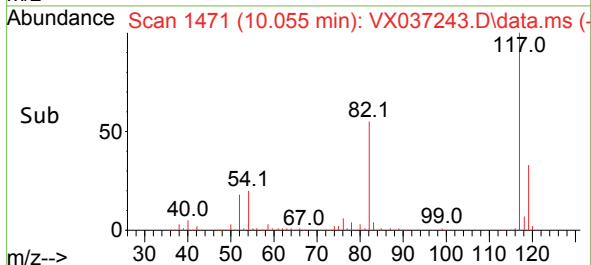
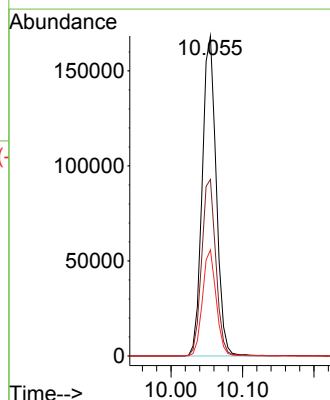
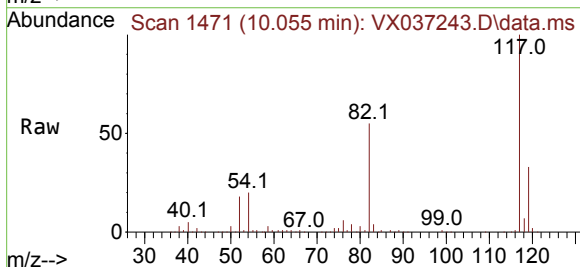
Instrument :
MSVOA_X
ClientSampleId :

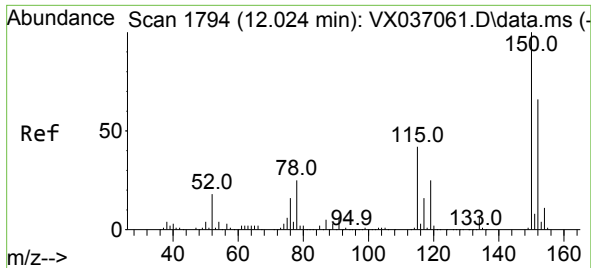
Tgt Ion: 95 Resp: 112700
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Tgt Ion: 117 Resp: 229354
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.2 25.5 38.3

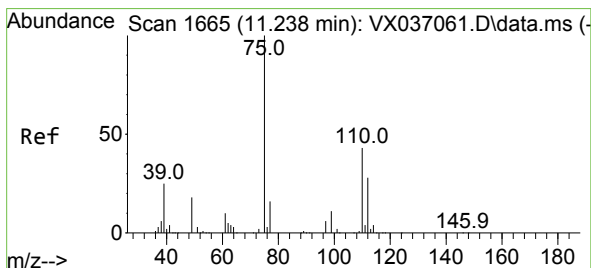
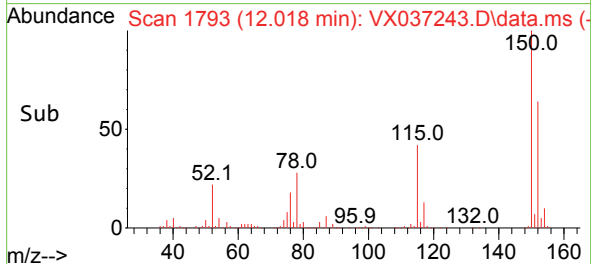
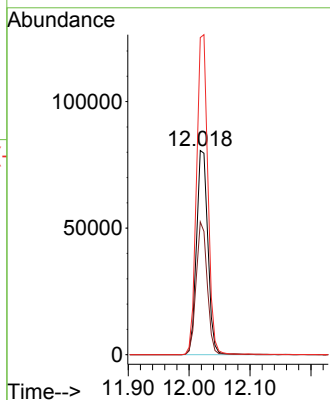
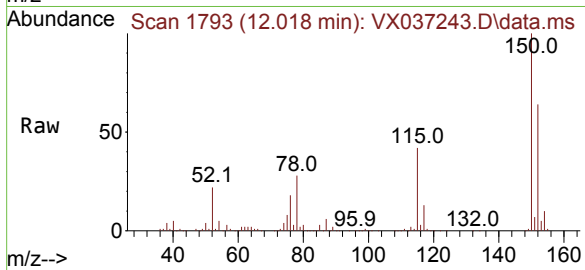




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

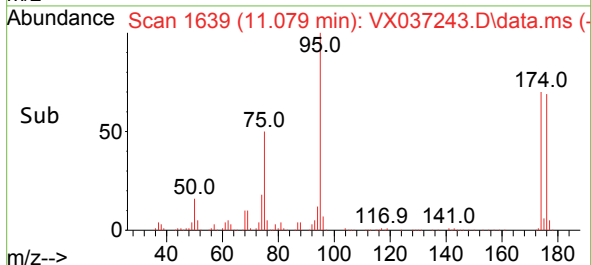
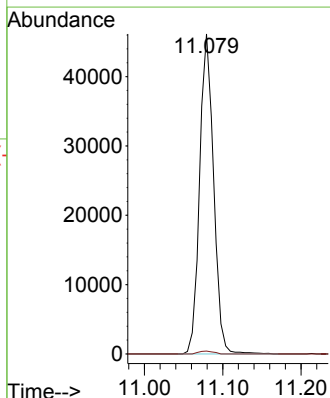
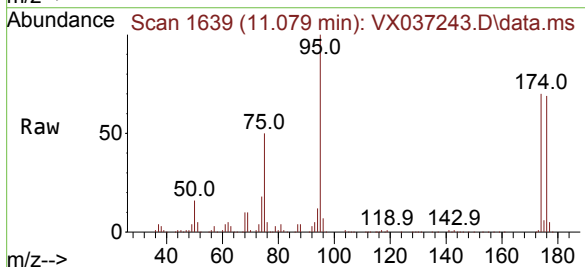
Instrument :
MSVOA_X
ClientSampleId :

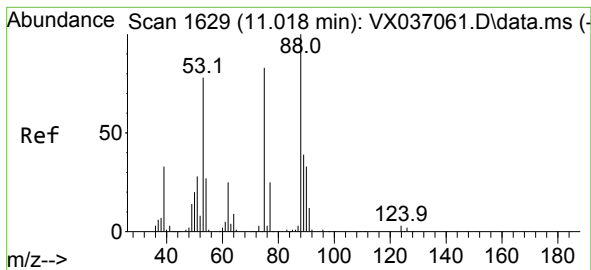
Tgt Ion:152 Resp: 104954
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 155.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037243.D
Acq: 25 Aug 2023 03:11

Tgt Ion: 75 Resp: 57161
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.428 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037243.D
 Acq: 25 Aug 2023 03:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 57161
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

