

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037443.D
 Acq On : 31 Aug 2023 20:20
 Operator : JC/MD
 Sample : 04211-01DL 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 01 03:17:01 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)

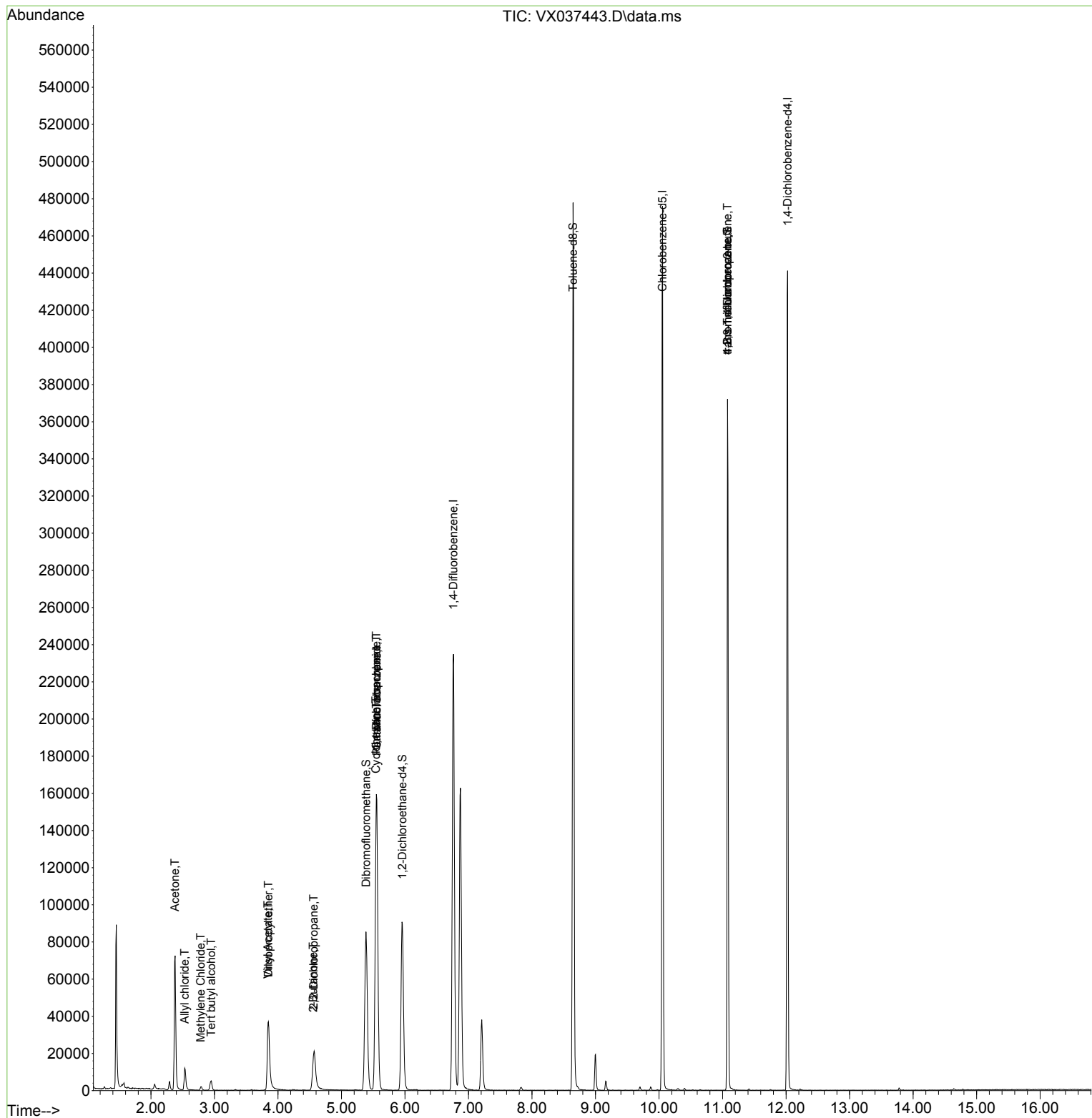
Internal Standards						
1) Pentafluorobenzene	5.556	168	150593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91769	42.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.540%
35) Dibromofluoromethane	5.385	113	76055	45.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	293110	48.847	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	103534	43.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	3275	6.431	ug/l #	78
14) Allyl chloride	2.532	41	1244	0.518	ug/l #	70
16) Acetone	2.380	43	76928	90.574	ug/l #	89
20) Methylene Chloride	2.782	84	1184	0.623	ug/l #	69
22) Diisopropyl ether	3.849	45	2561	0.520	ug/l #	1
23) Vinyl Acetate	3.843	43	5755	1.525	ug/l #	73
25) 2-Butanone	4.556	43	775	0.606	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	1800	0.653	ug/l #	54
31) Cyclohexane	5.544	56	2883	1.181	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11662	4.962	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15608	6.114	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	51637	25.661	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51637	71.674	ug/l #	5

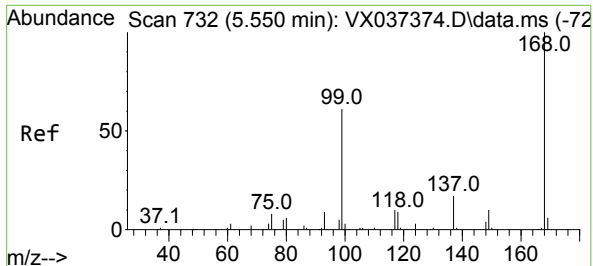
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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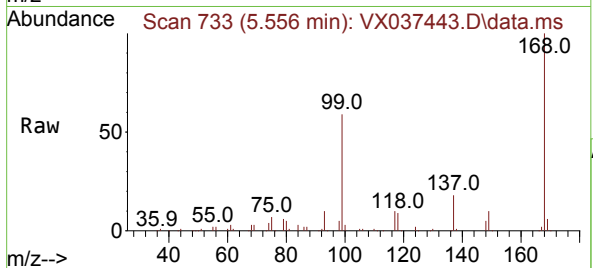
Quant Time: Sep 01 03:17:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



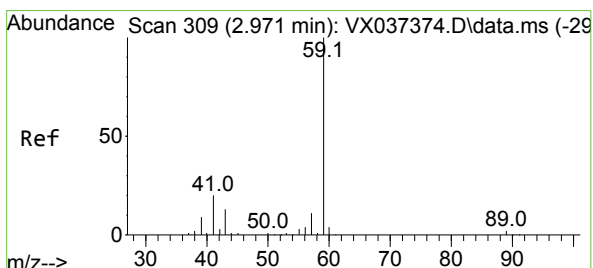
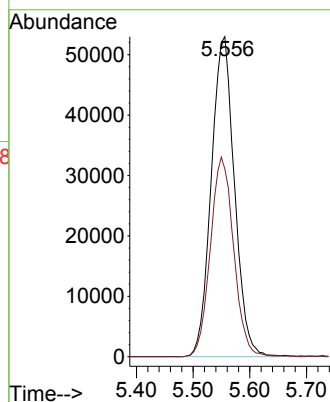
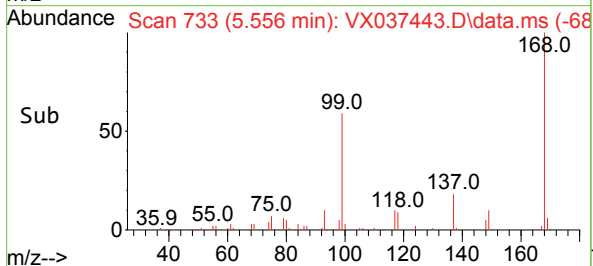


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :

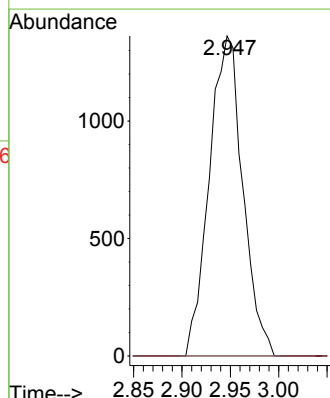
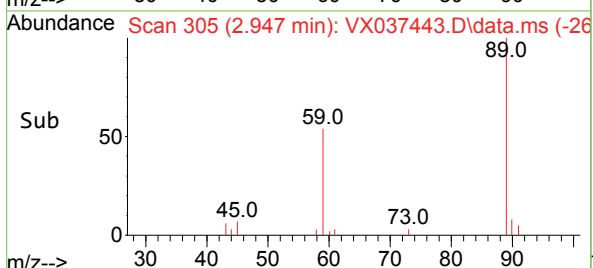
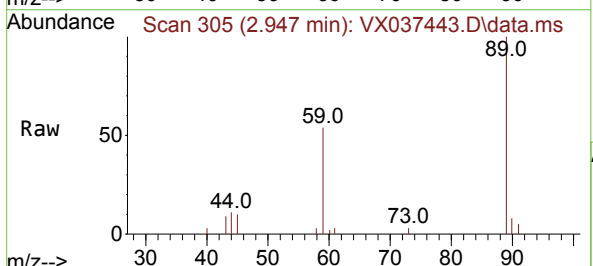


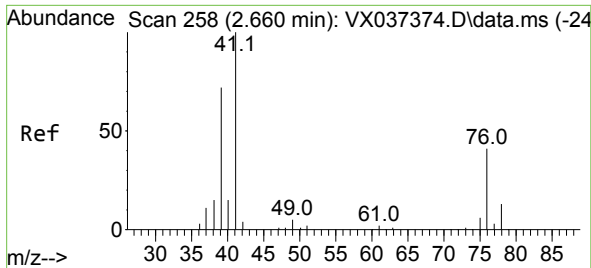
Tgt Ion:168 Resp: 150593
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.431 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

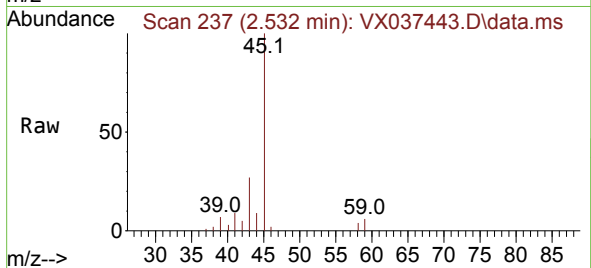
Tgt Ion: 59 Resp: 3275
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



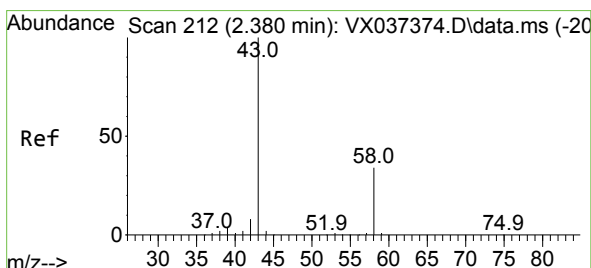
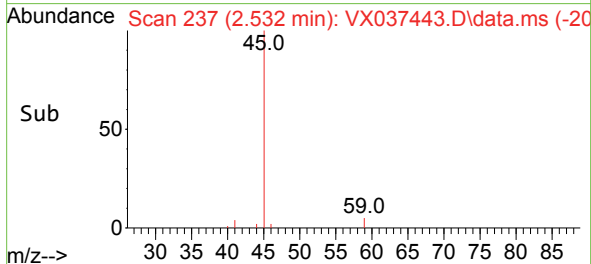
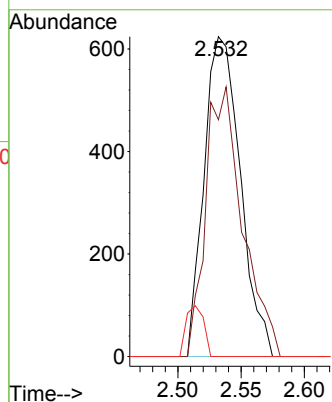


#14
 Allyl chloride
 Concen: 0.518 ug/l
 RT: 2.532 min Scan# 212
 Delta R.T. -0.128 min
 Lab File: VX037443.D
 Acq: 31 Aug 2023 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

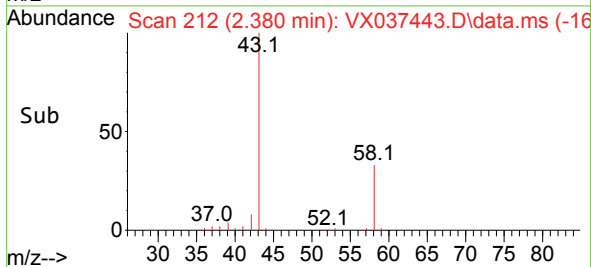
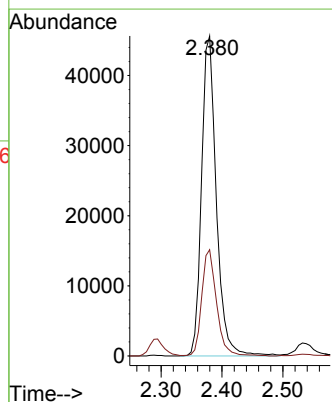
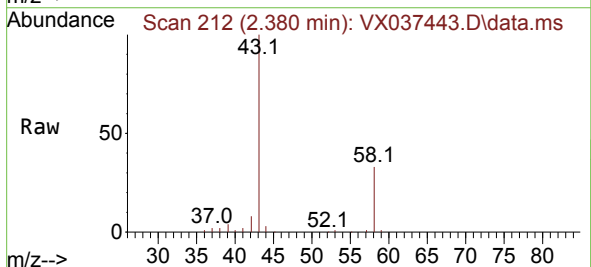


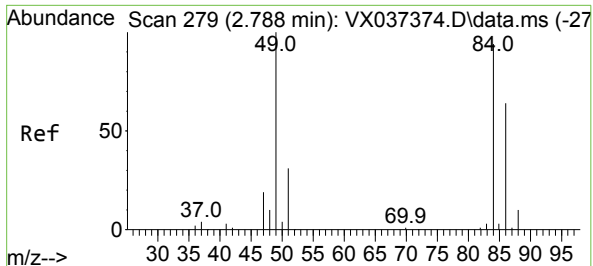
Tgt Ion: 41 Resp: 1244
 Ion Ratio Lower Upper
 41 100
 39 85.5 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 90.574 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX037443.D
 Acq: 31 Aug 2023 20:20

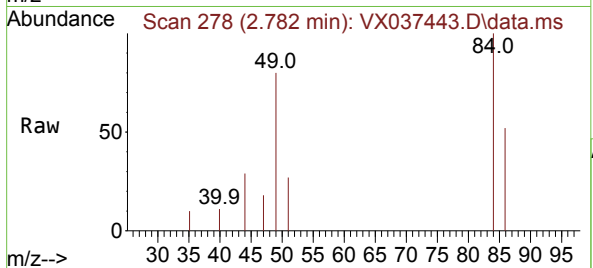
Tgt Ion: 43 Resp: 76928
 Ion Ratio Lower Upper
 43 100
 58 33.1 21.9 32.9#



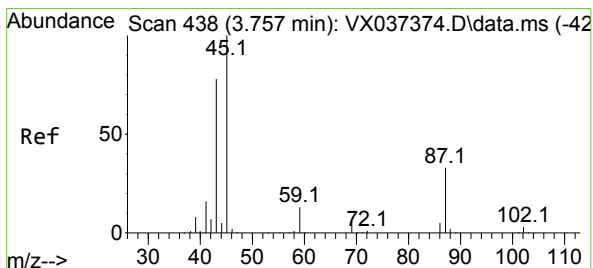
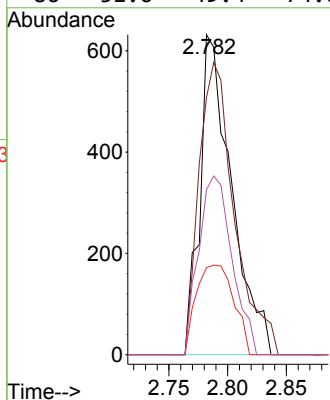
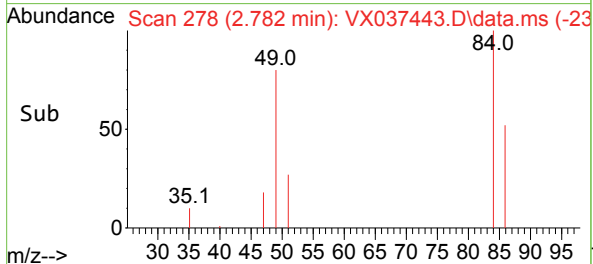


#20
Methylene Chloride
Concen: 0.623 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

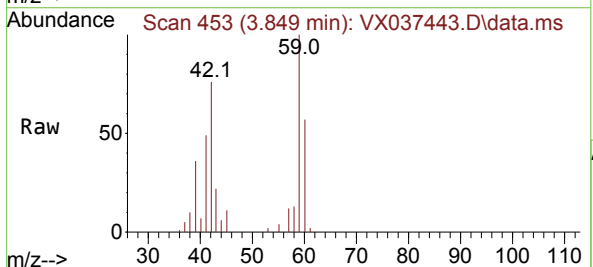
Instrument :
MSVOA_X
ClientSampleId :



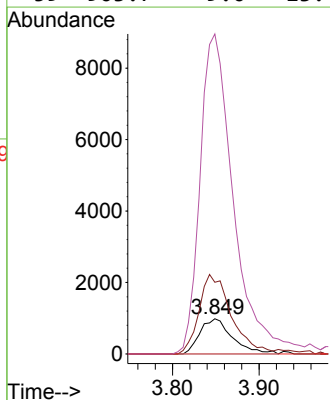
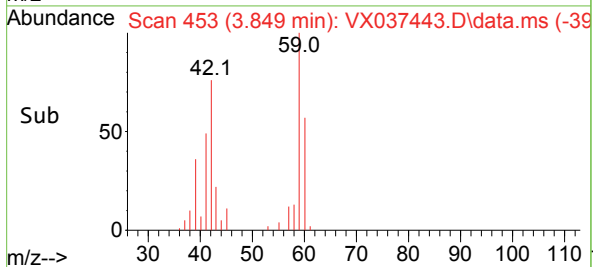
Tgt Ion: 84	Resp: 1184
Ion Ratio	Lower Upper
84 100	
49 80.4	103.6 155.4#
51 27.2	33.8 50.6#
86 51.6	49.4 74.0

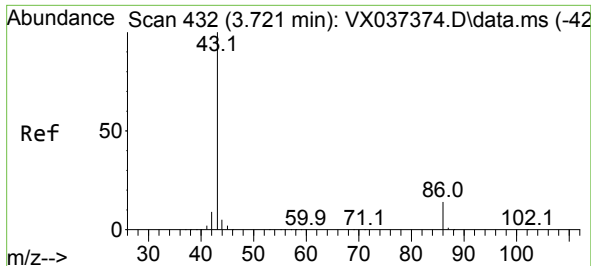


#22
Diisopropyl ether
Concen: 0.520 ug/l
RT: 3.849 min Scan# 453
Delta R.T. 0.085 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20



Tgt Ion: 45	Resp: 2561
Ion Ratio	Lower Upper
45 100	
43 204.0	69.7 104.5#
87 0.0	20.8 31.2#
59 903.7	9.0 13.4#

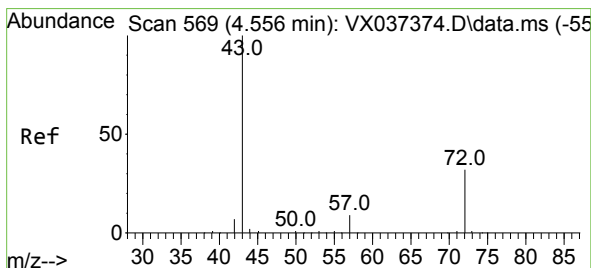
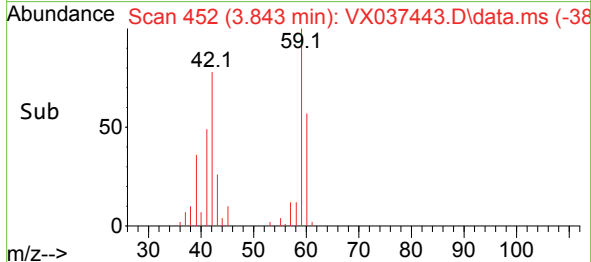
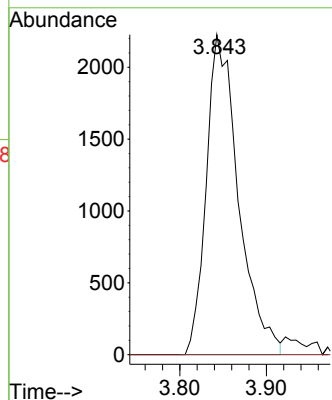
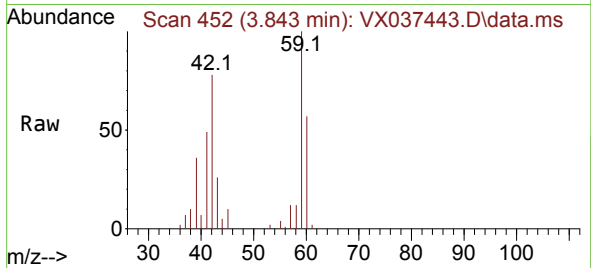




#23
 Vinyl Acetate
 Concen: 1.525 ug/l
 RT: 3.843 min Scan# 41
 Delta R.T. 0.122 min
 Lab File: VX037443.D
 Acq: 31 Aug 2023 20:20

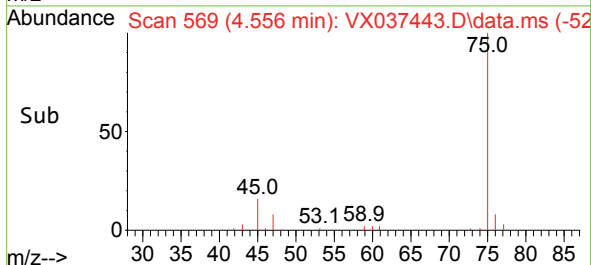
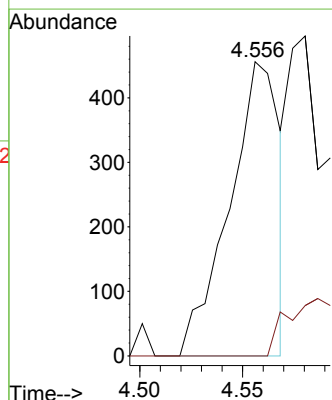
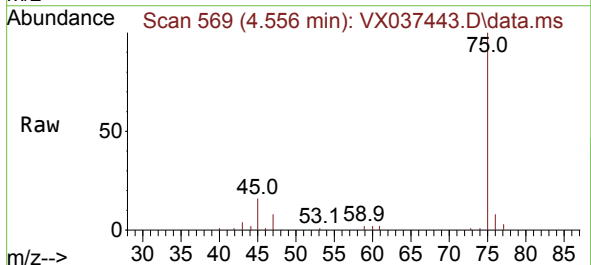
Instrument :
 MSVOA_X
 ClientSampleId :

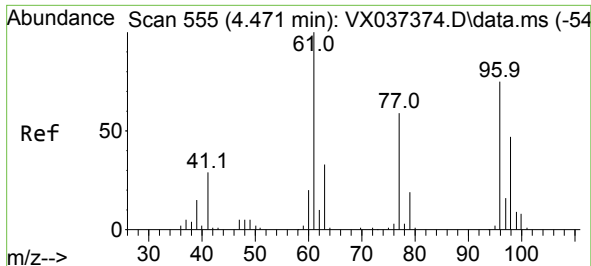
Tgt Ion: 43 Resp: 5755
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.606 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VX037443.D
 Acq: 31 Aug 2023 20:20

Tgt Ion: 43 Resp: 775
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.653 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.085 min

Lab File: VX037443.D

Acq: 31 Aug 2023 20:20

Instrument :

MSVOA_X

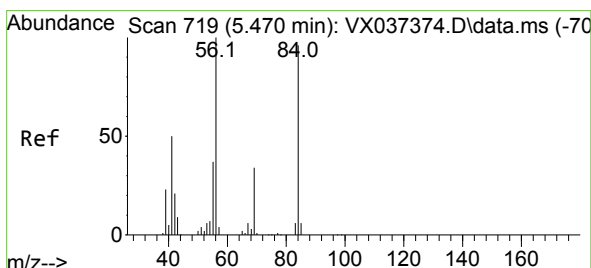
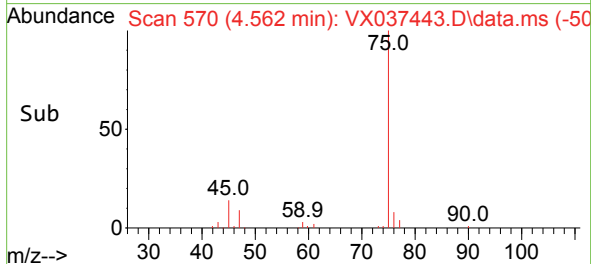
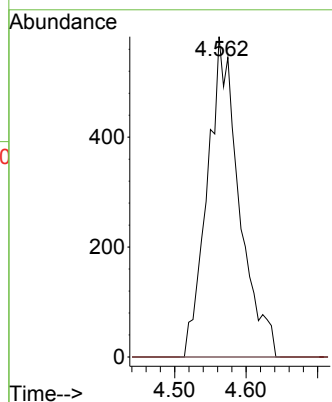
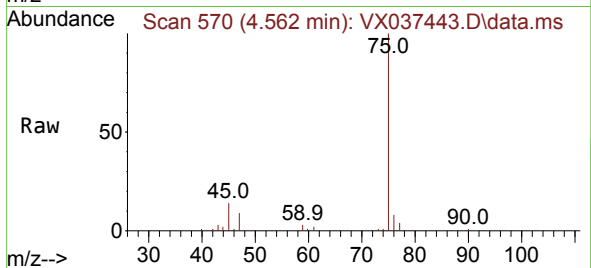
ClientSampleId :

Tgt Ion: 77 Resp: 1800

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037443.D

Acq: 31 Aug 2023 20:20

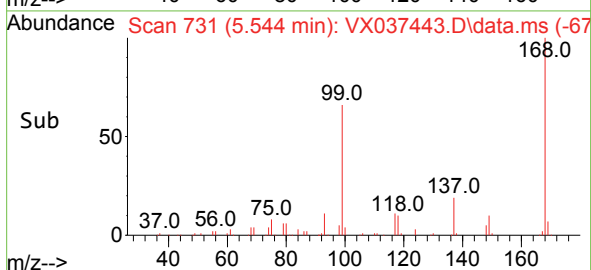
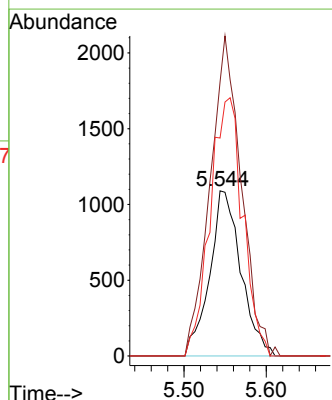
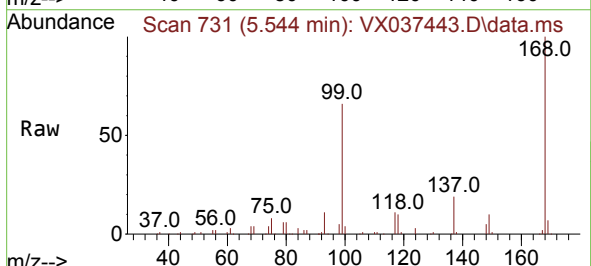
Tgt Ion: 56 Resp: 2883

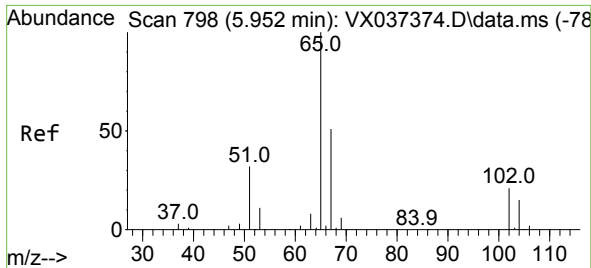
Ion Ratio Lower Upper

56 100

69 165.8 23.4 35.2#

84 131.9 65.9 98.9#

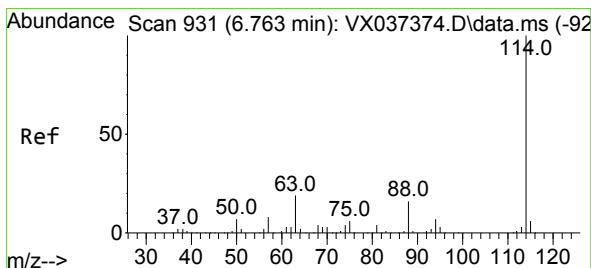
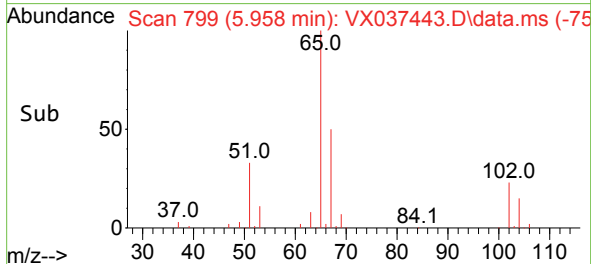
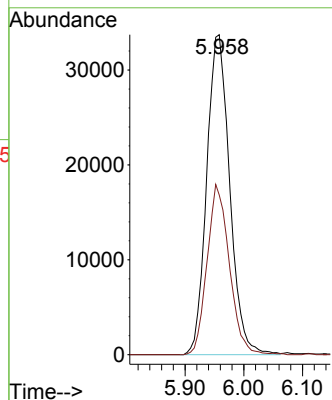
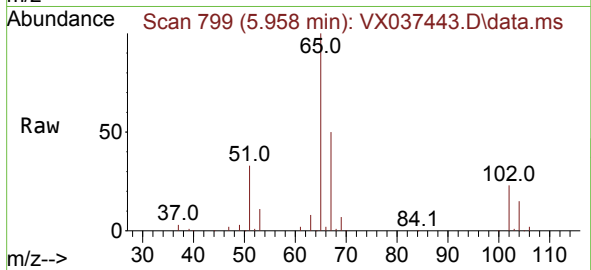




#33
1,2-Dichloroethane-d4
Concen: 42.269 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

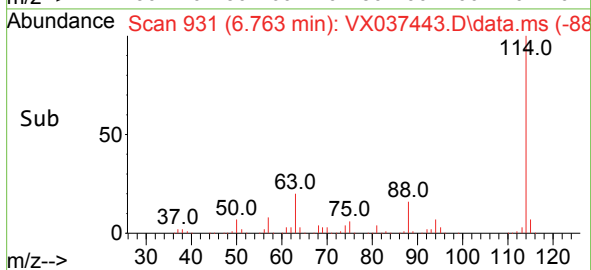
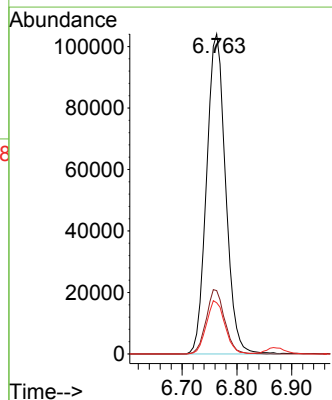
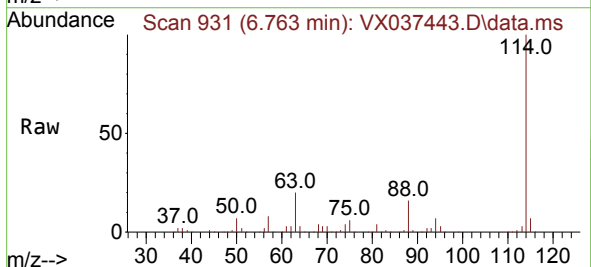
Instrument :
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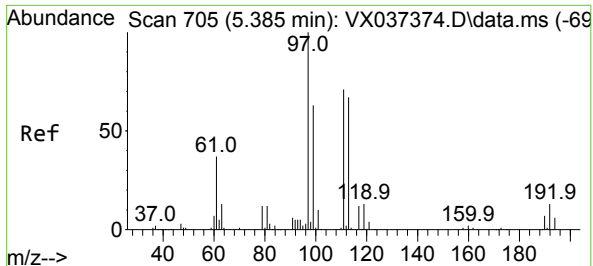
Tgt Ion: 65 Resp: 91769
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

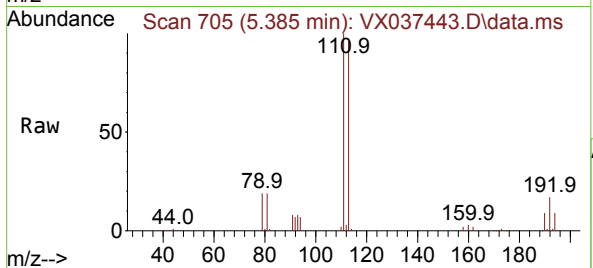
Tgt Ion: 114 Resp: 249782
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.0 0.0 36.6



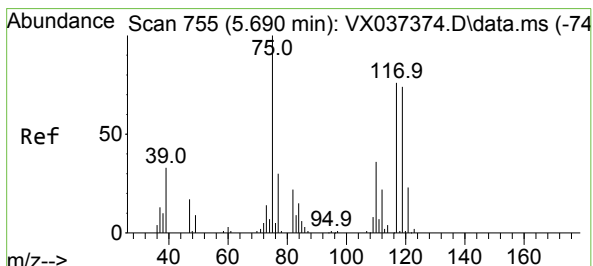
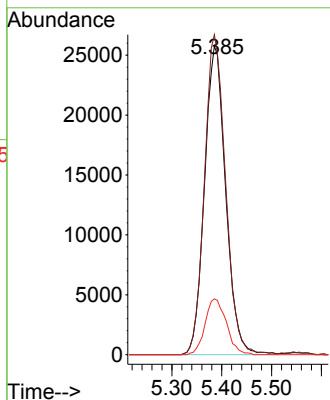
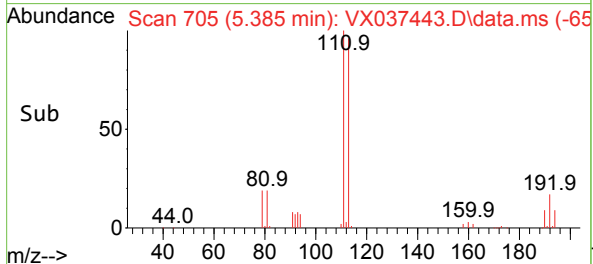


#35
Dibromofluoromethane
Concen: 45.976 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :

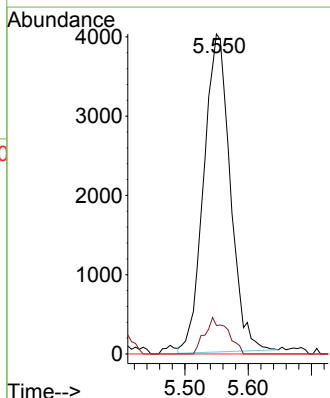
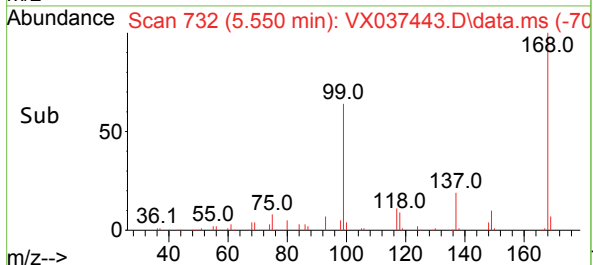
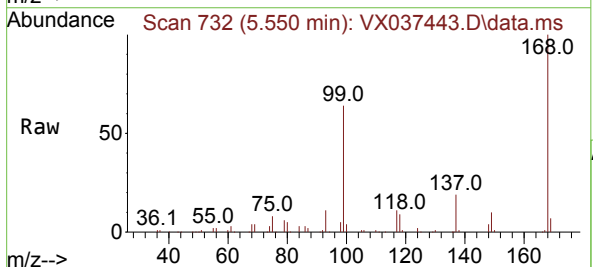


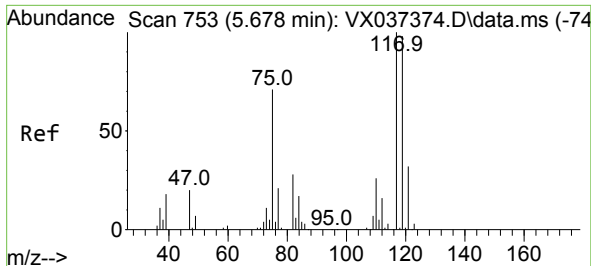
Tgt Ion:113 Resp: 76055
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

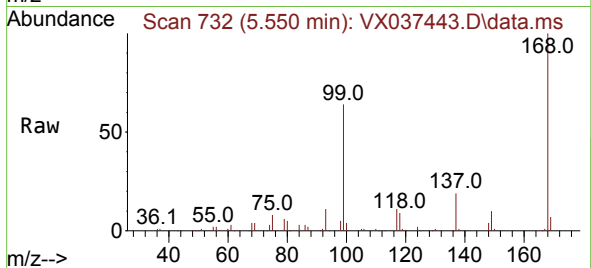
Tgt Ion: 75 Resp: 11662
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



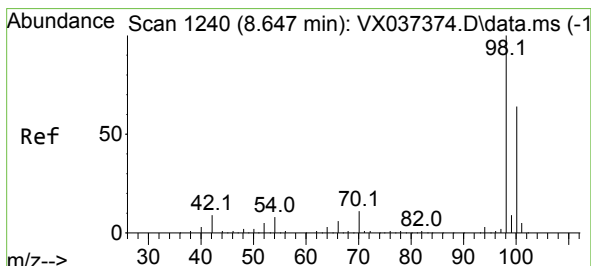
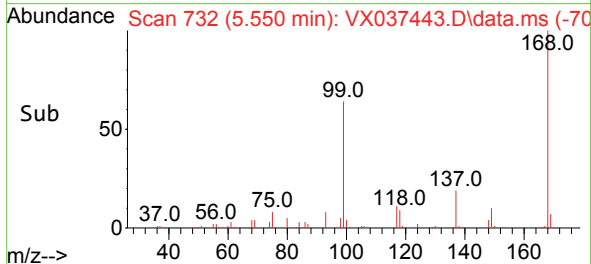
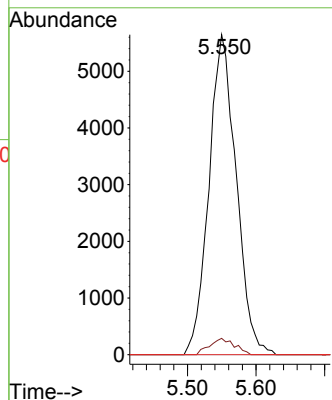


#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :

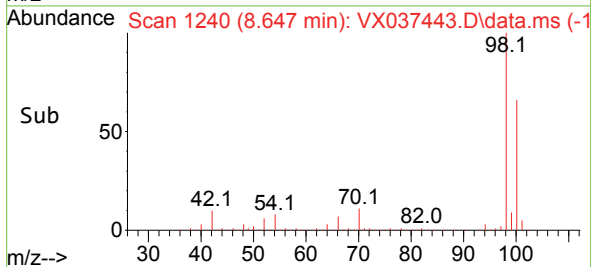
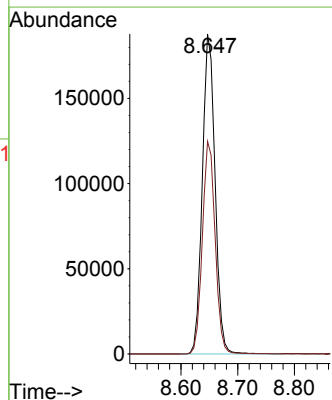
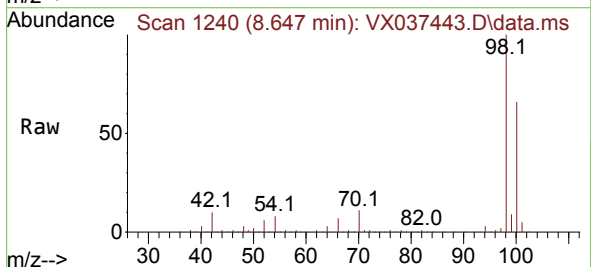


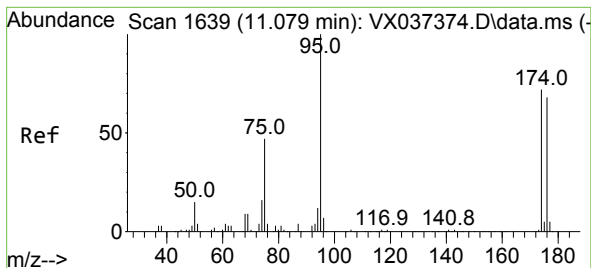
Tgt Ion:117 Resp: 15608
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.847 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

Tgt Ion: 98 Resp: 293110
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

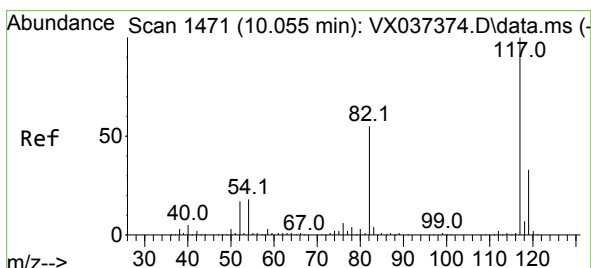
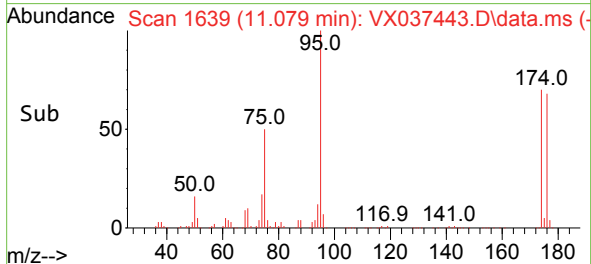
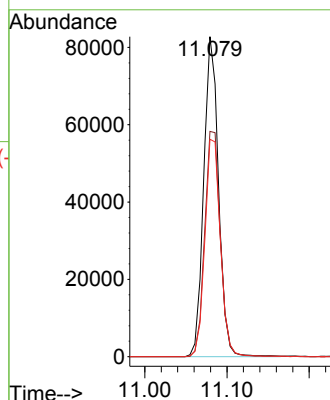
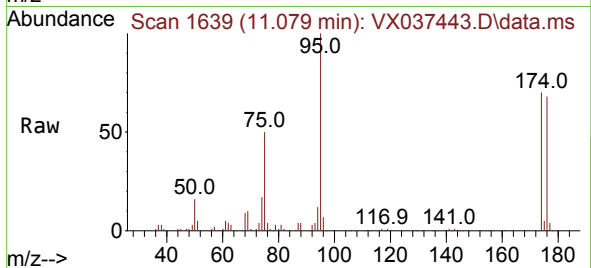




#62
4-Bromofluorobenzene
Concen: 43.905 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

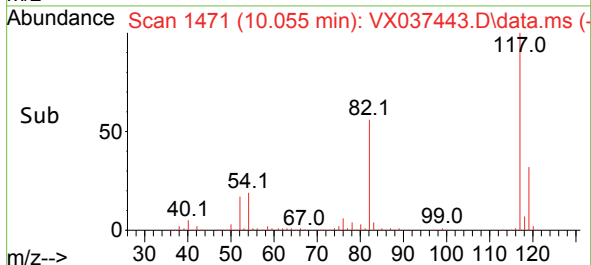
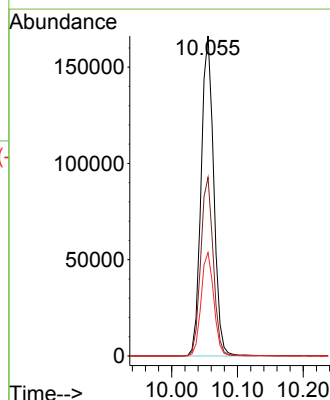
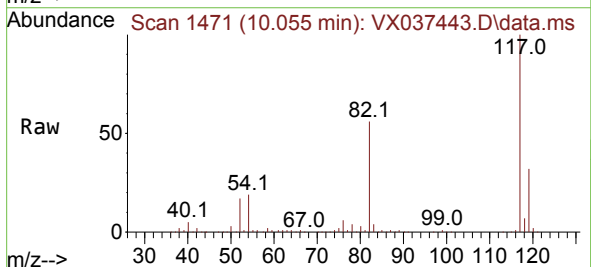
Instrument :
MSVOA_X
ClientSampleId :

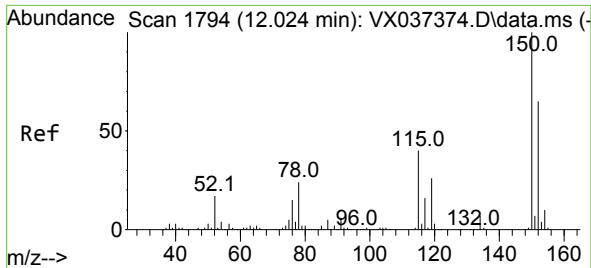
Tgt Ion: 95 Resp: 103534
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

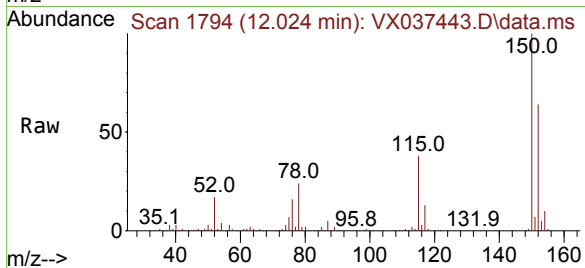
Tgt Ion: 117 Resp: 221764
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.3 25.5 38.3



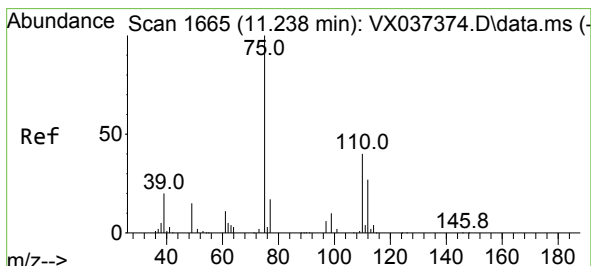
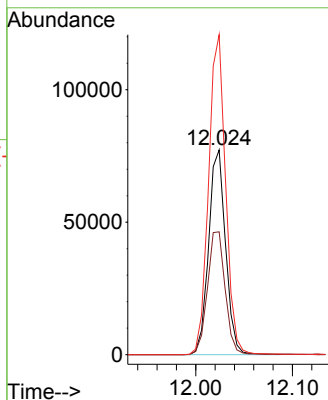
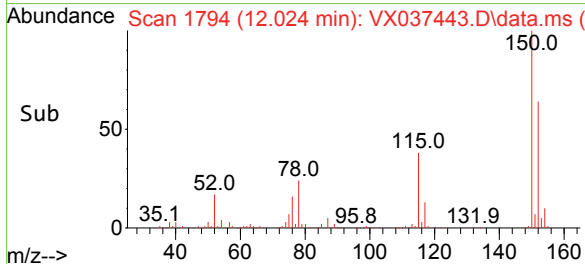


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX037443.D
 Acq: 31 Aug 2023 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

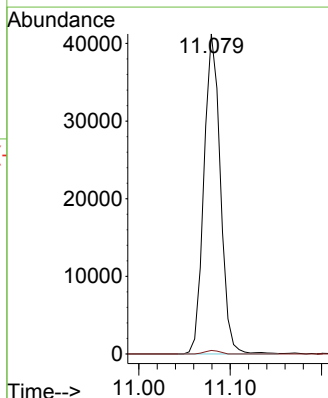
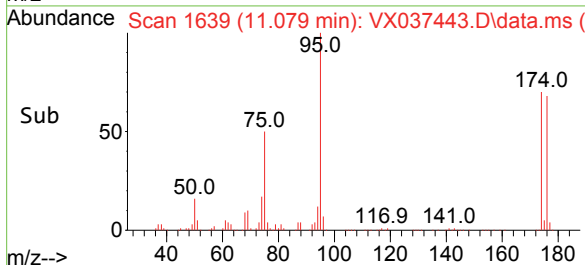
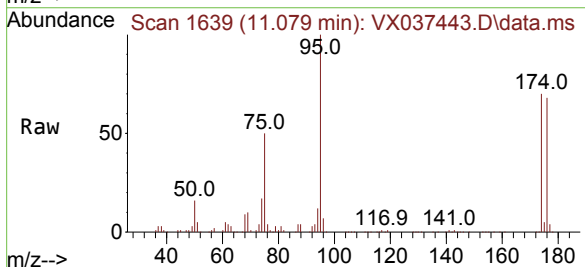


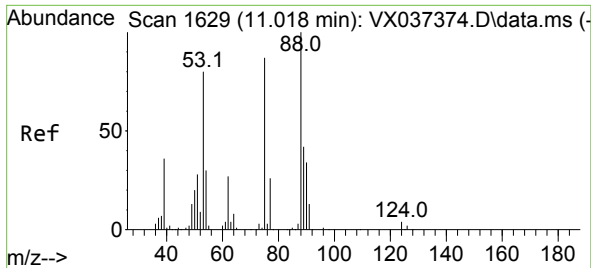
Tgt Ion:152 Resp: 94486
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 157.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.661 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037443.D
 Acq: 31 Aug 2023 20:20

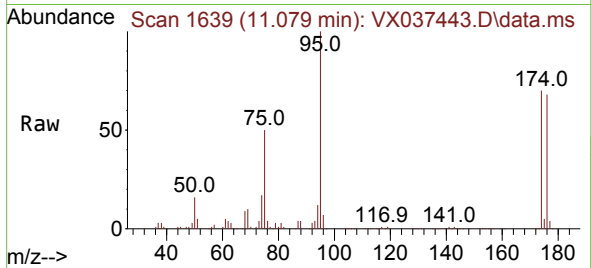
Tgt Ion: 75 Resp: 51637
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.674 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037443.D
Acq: 31 Aug 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 51637
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

