

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038931.D
 Acq On : 18 Nov 2023 16:18
 Operator : JC/MD
 Sample : 05404-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

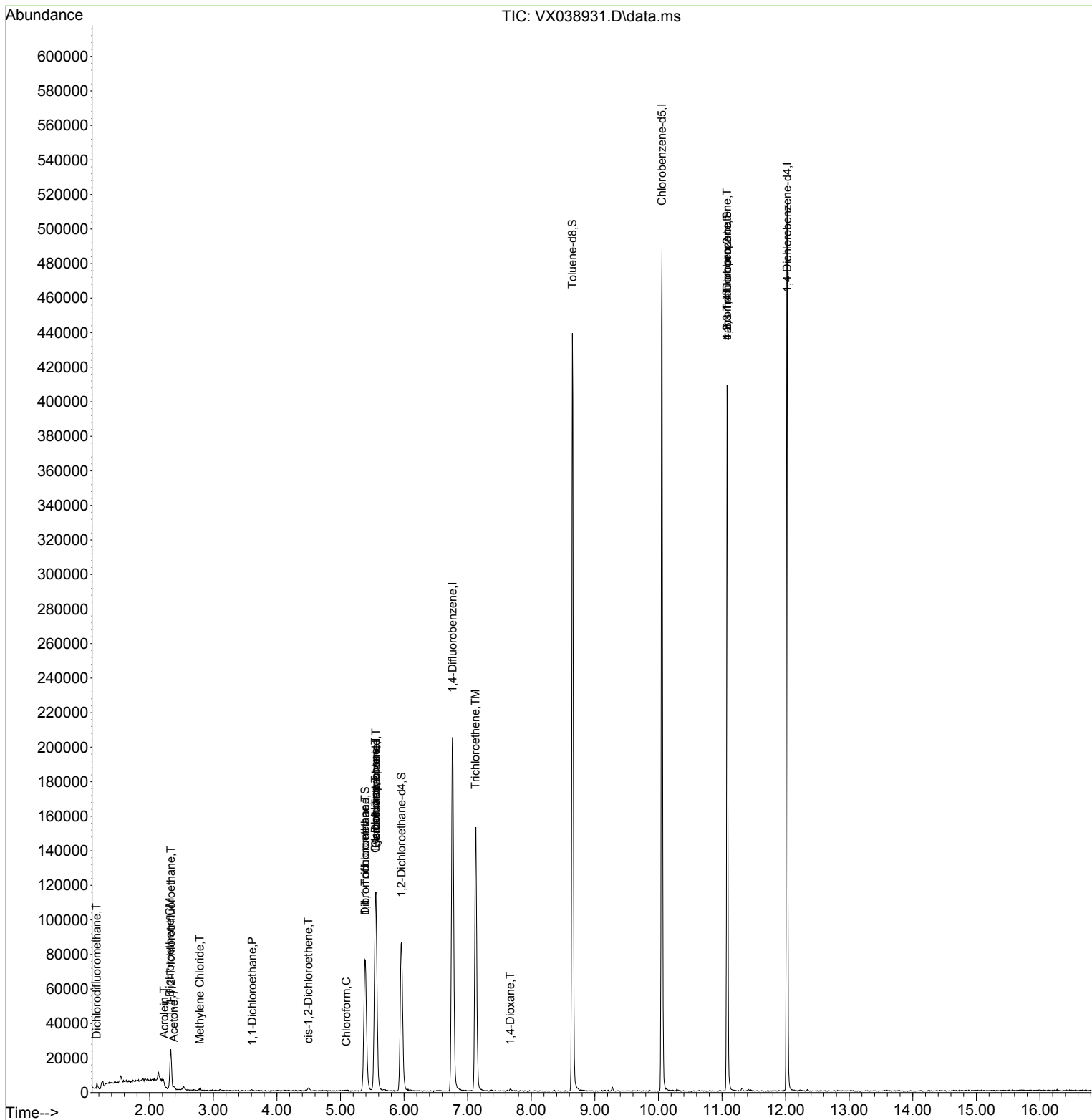
Quant Time: Nov 20 04:36:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

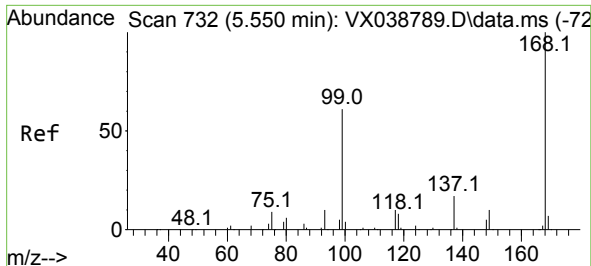
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	102476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82657	50.057	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.120%
35) Dibromofluoromethane	5.385	113	68154	45.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.040%
50) Toluene-d8	8.647	98	262955	45.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	113703	49.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	1680	1.405	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	8136	6.431	ug/l	94
12) 1,1-Dichloroethene	2.319	96	1080	0.846	ug/l	98
13) Acrolein	2.227	56	50	0.206	ug/l #	14
16) Acetone	2.380	43	1430	1.627	ug/l #	89
20) Methylene Chloride	2.788	84	656	0.414	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	835	0.318	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	1234	0.751	ug/l	87
30) Chloroform	5.093	83	623	0.243	ug/l #	69
31) Cyclohexane	5.550	56	2883	1.223	ug/l #	7
32) 1,1,1-Trichloroethane	5.385	97	1194	0.538	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	9705	4.473	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11631	5.800	ug/l #	15
44) Trichloroethene	7.123	130	55629	35.612	ug/l	92
49) 1,4-Dioxane	7.671	88	817	19.266	ug/l #	97
76) 1,2,3-Trichloropropane	11.079	75	59496	22.723	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59496	50.403	ug/l #	5

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

Quant Time: Nov 20 04:36:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

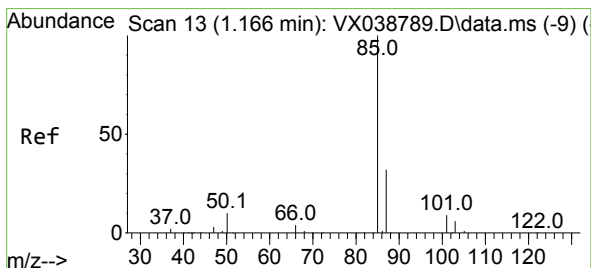
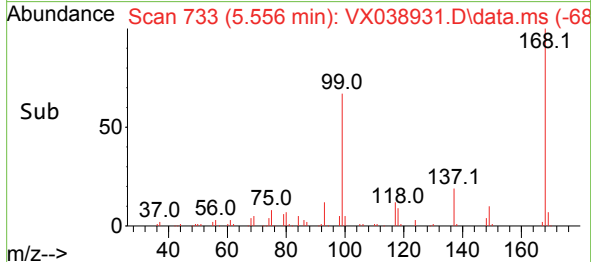
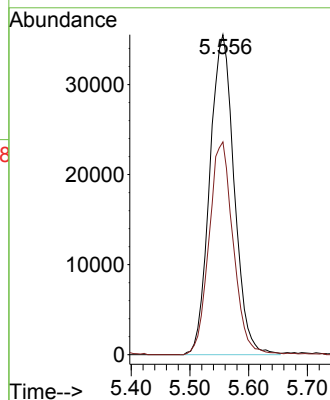
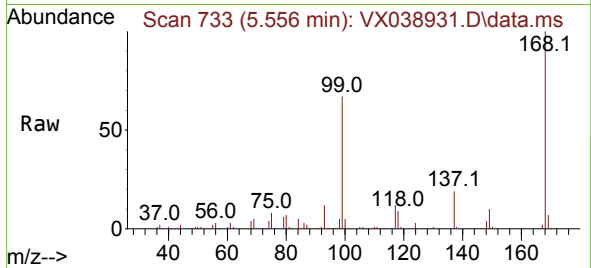




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

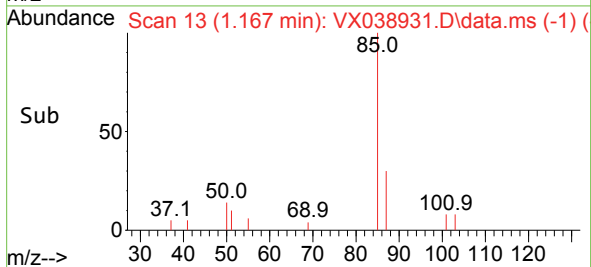
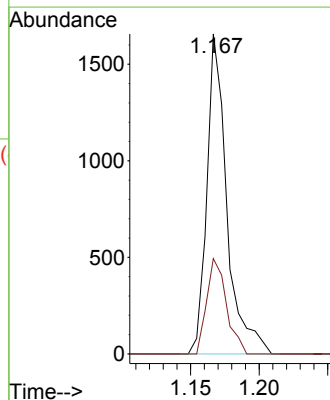
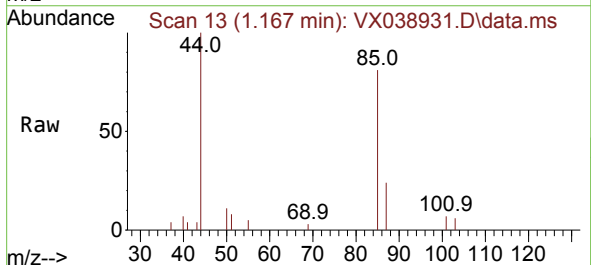
Instrument :
MSVOA_X
ClientSampleId :

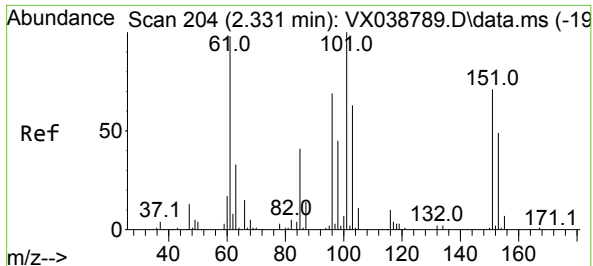
Tgt Ion:168 Resp: 102476
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.405 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Tgt Ion: 85 Resp: 1680
Ion Ratio Lower Upper
85 100
87 29.8 16.7 50.1

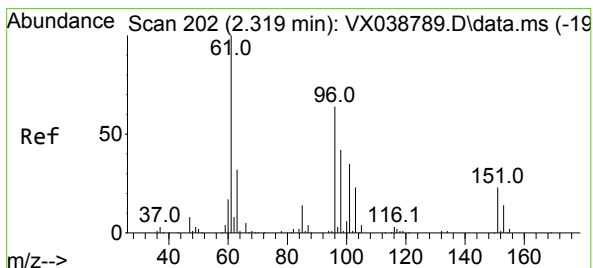
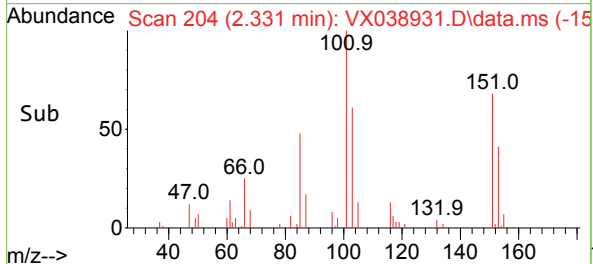
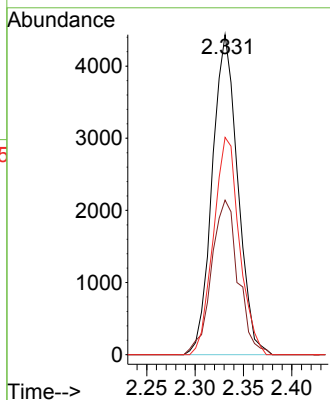
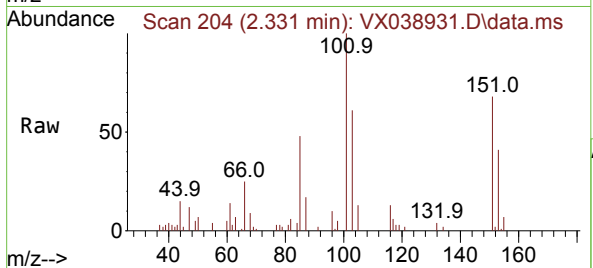




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.431 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038931.D
 Acq: 18 Nov 2023 16:18

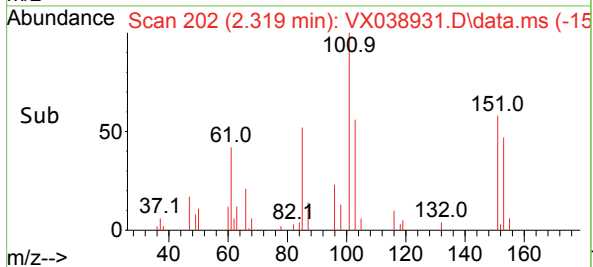
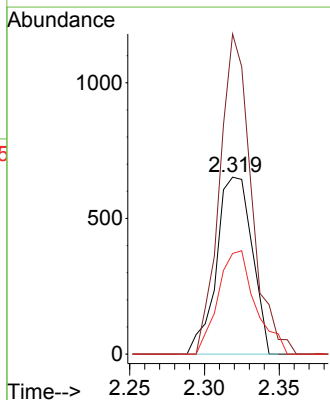
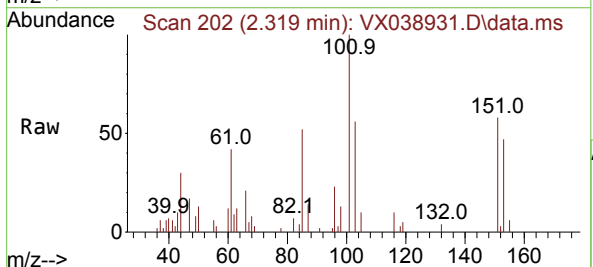
Instrument :
 MSVOA_X
 ClientSampleId :

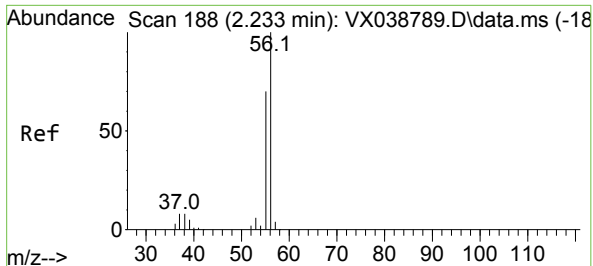
Tgt Ion:101 Resp: 8136
 Ion Ratio Lower Upper
 101 100
 85 50.8 37.0 55.6
 151 69.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 0.846 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038931.D
 Acq: 18 Nov 2023 16:18

Tgt Ion: 96 Resp: 1080
 Ion Ratio Lower Upper
 96 100
 61 181.0 144.6 216.8
 98 56.9 50.4 75.6

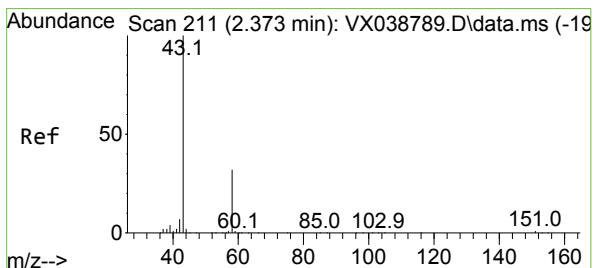
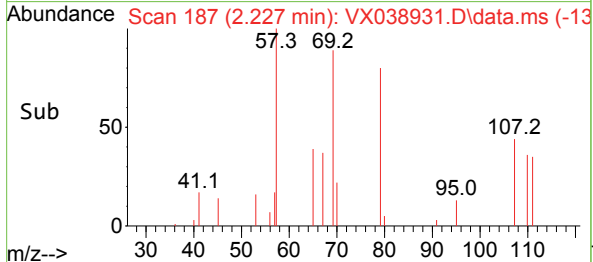
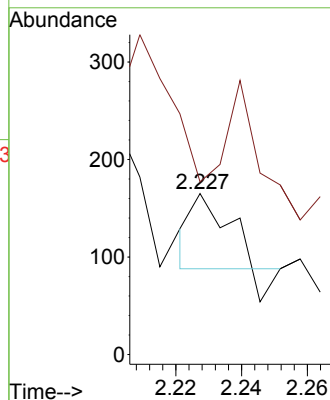
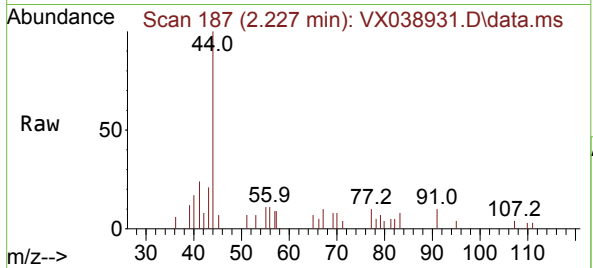




#13
Acrolein
Concen: 0.206 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

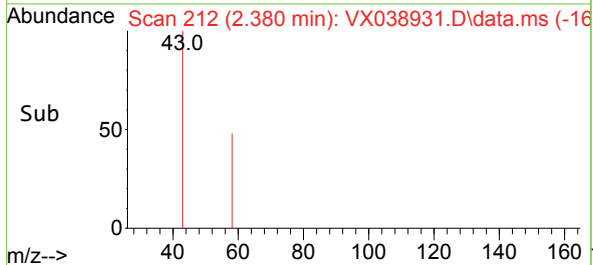
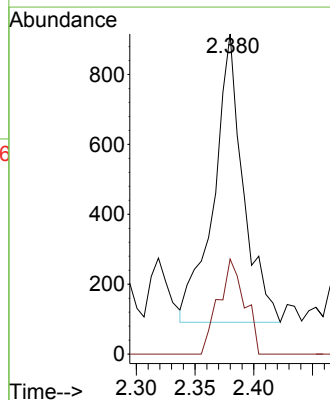
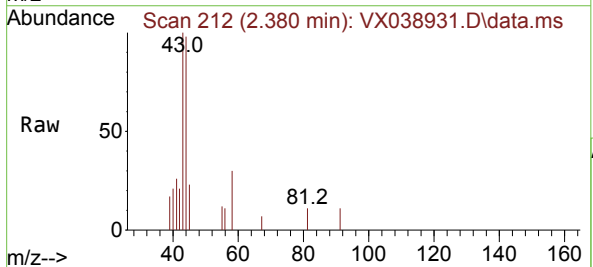
Instrument :
MSVOA_X
ClientSampleId :

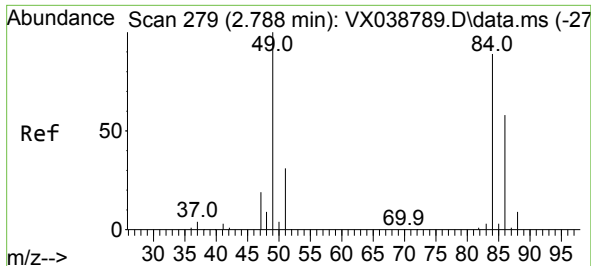
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.627 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

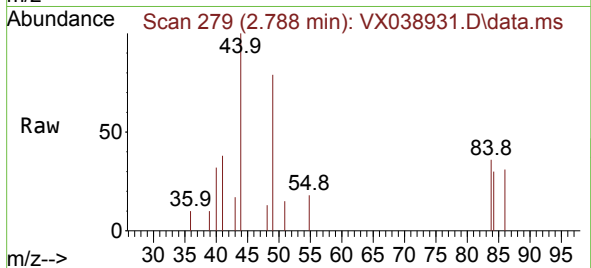
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





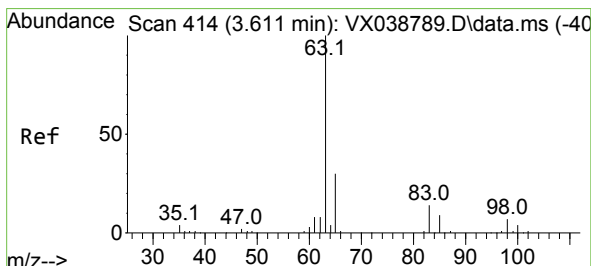
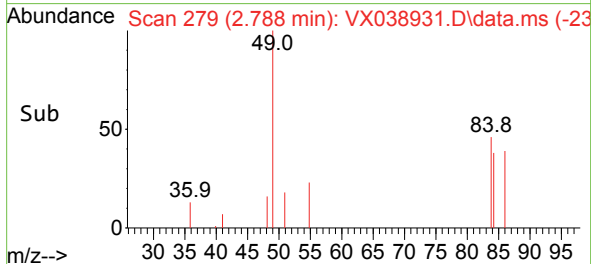
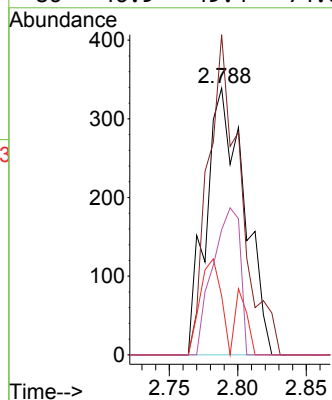
#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 656

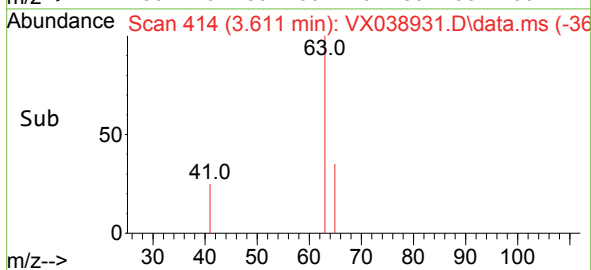
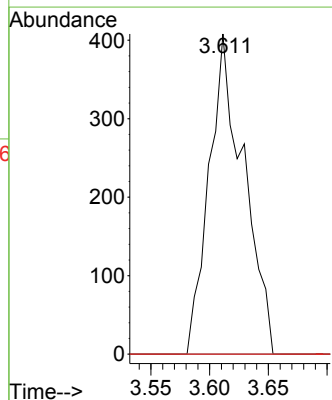
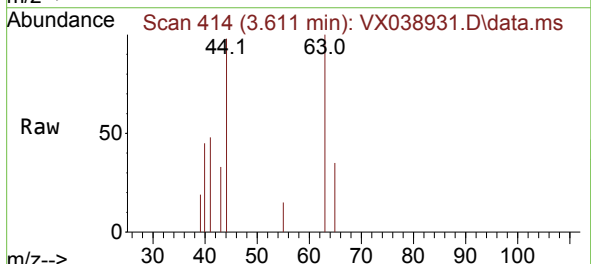
Ion	Ratio	Lower	Upper
84	100		
49	120.1	103.6	155.4
51	22.1	33.8	50.6#
86	46.9	49.4	74.0#

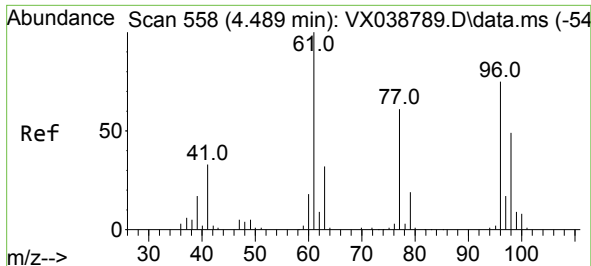


#24
1,1-Dichloroethane
Concen: 0.318 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Tgt Ion: 63 Resp: 835

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#





#27

cis-1,2-Dichloroethene

Concen: 0.751 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038931.D

Acq: 18 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

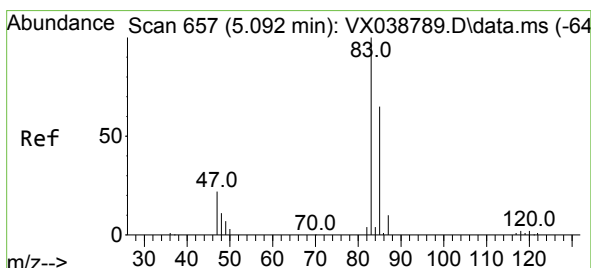
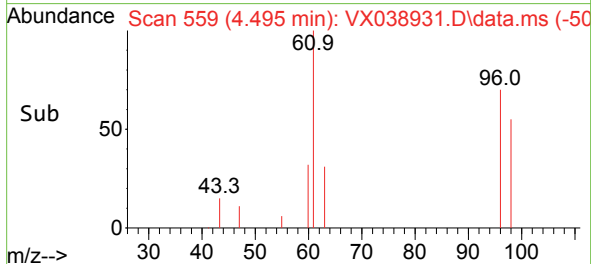
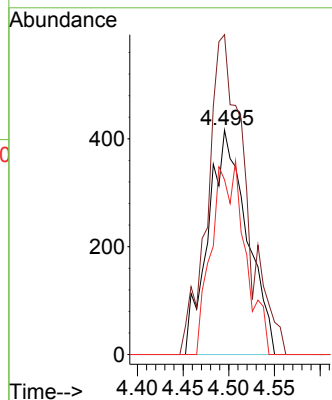
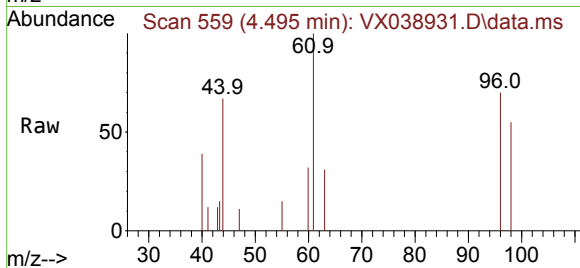
Tgt Ion: 96 Resp: 1234

Ion Ratio Lower Upper

96 100

61 137.9 0.0 312.2

98 73.6 0.0 129.0



#30

Chloroform

Concen: 0.243 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038931.D

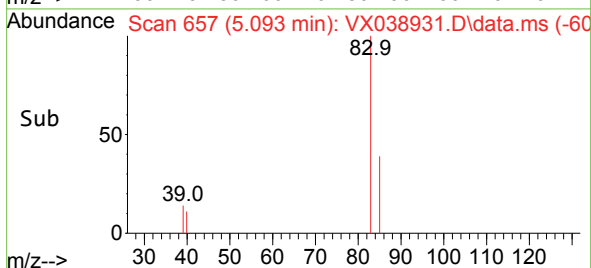
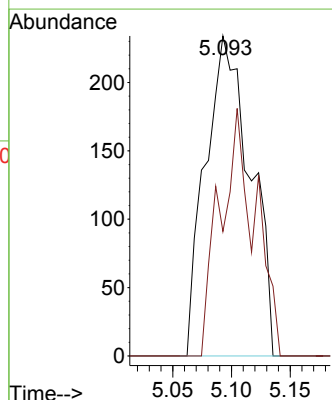
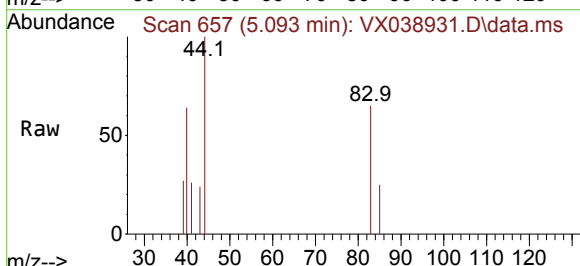
Acq: 18 Nov 2023 16:18

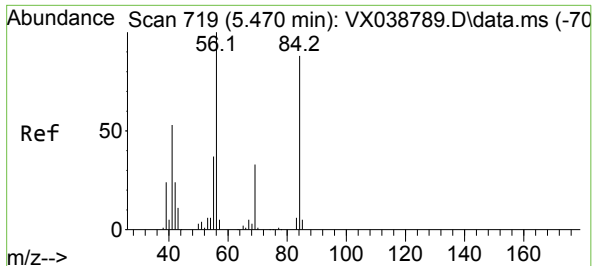
Tgt Ion: 83 Resp: 623

Ion Ratio Lower Upper

83 100

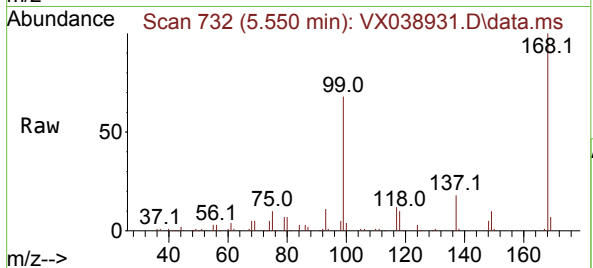
85 38.9 50.3 75.5#



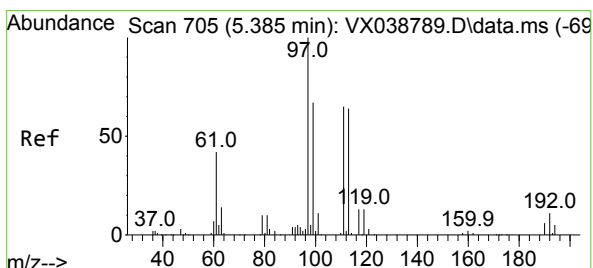
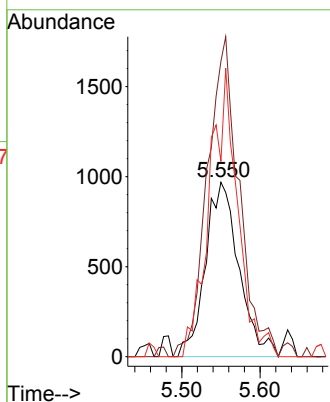
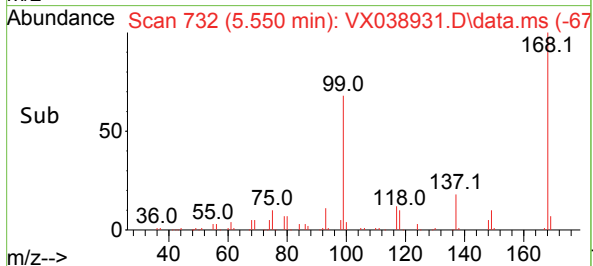


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :

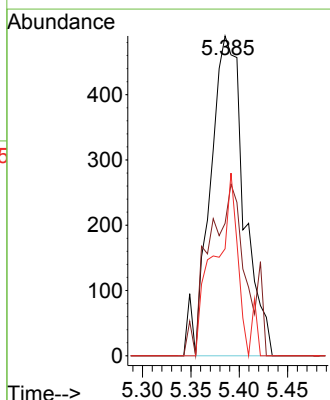
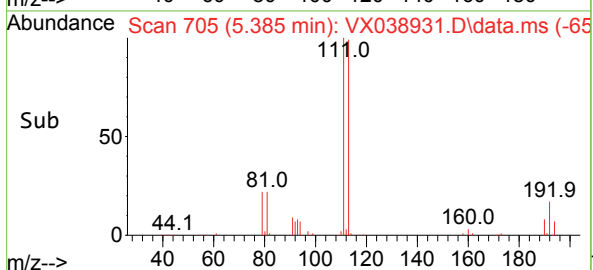
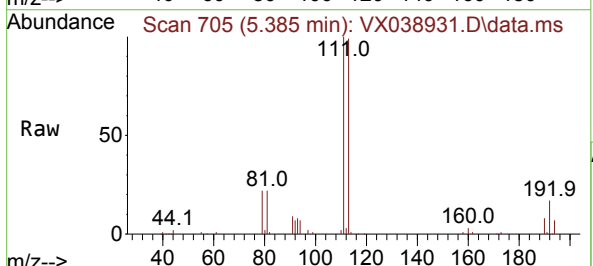


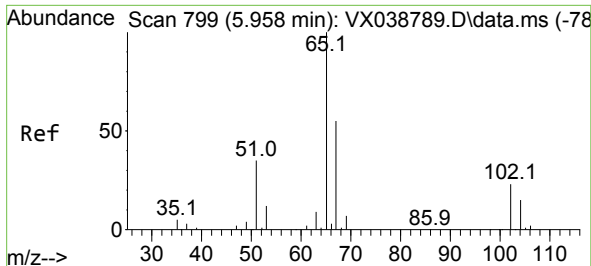
Tgt Ion: 56 Resp: 2883
Ion Ratio Lower Upper
56 100
69 169.2 23.4 35.2#
84 111.9 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.538 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Tgt Ion: 97 Resp: 1194
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 37.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.057 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038931.D

Acq: 18 Nov 2023 16:18

Instrument :

MSVOA_X

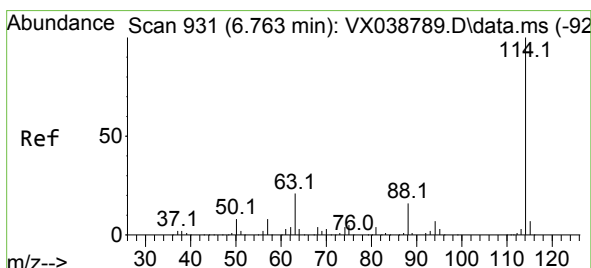
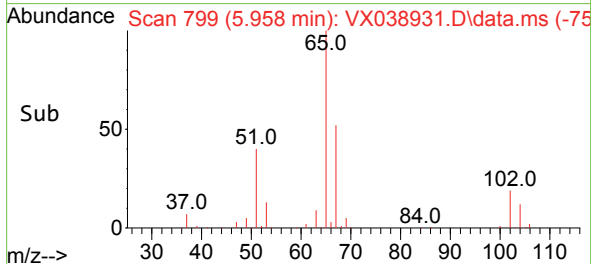
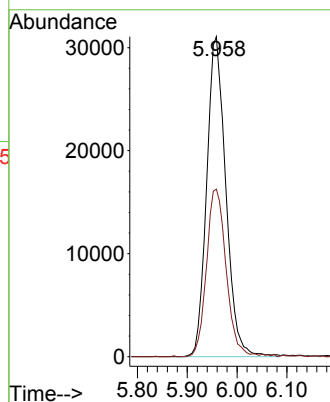
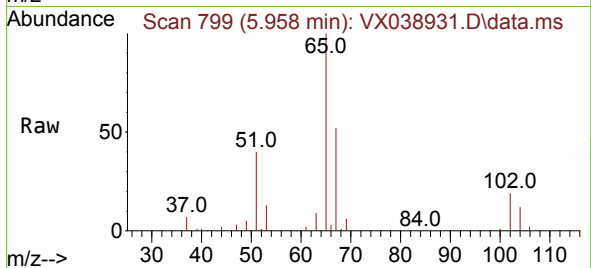
ClientSampleId :

Tgt Ion: 65 Resp: 82657

Ion Ratio Lower Upper

65 100

67 53.7 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: VX038931.D

Acq: 18 Nov 2023 16:18

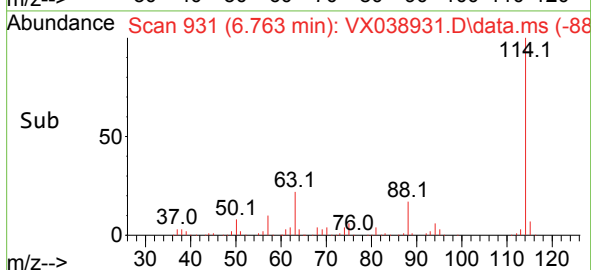
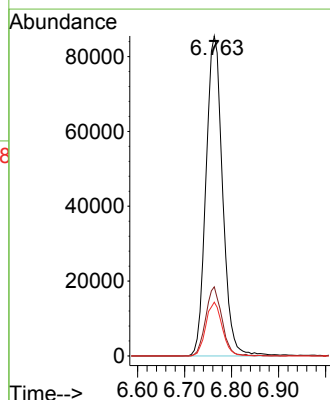
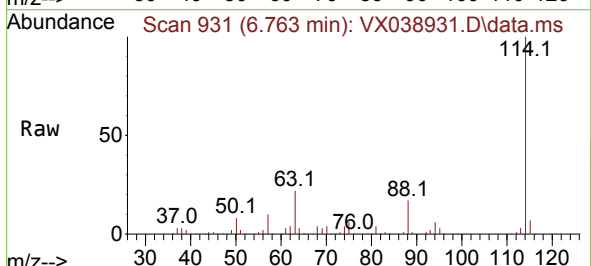
Tgt Ion:114 Resp: 209618

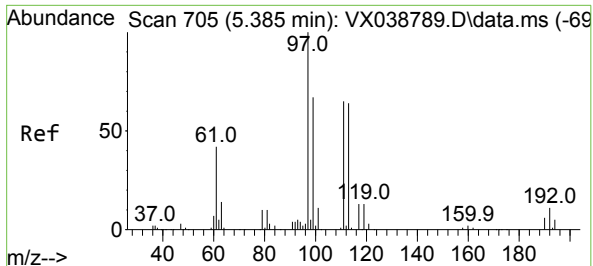
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

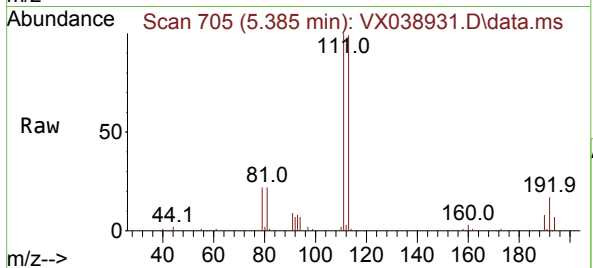
88 16.8 0.0 36.6



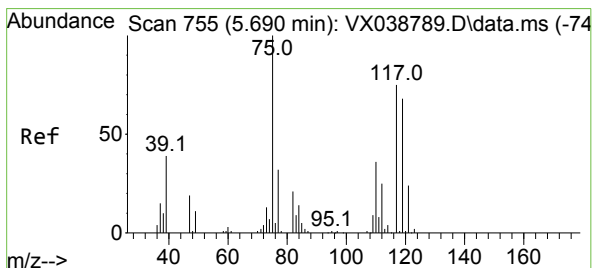
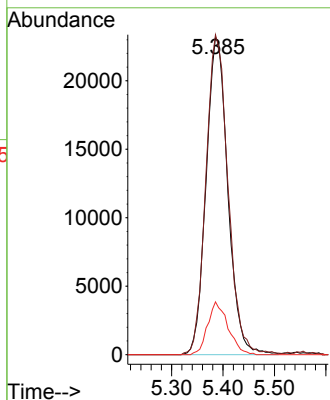
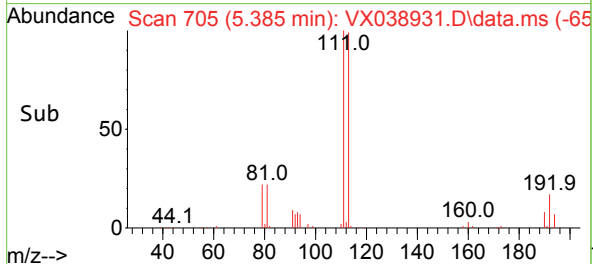


#35
Dibromofluoromethane
Concen: 45.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :

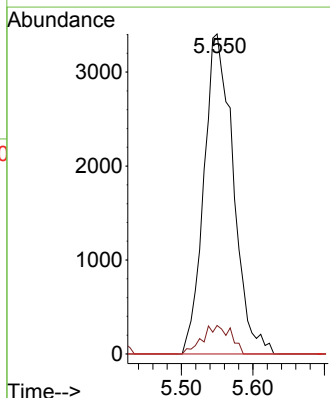
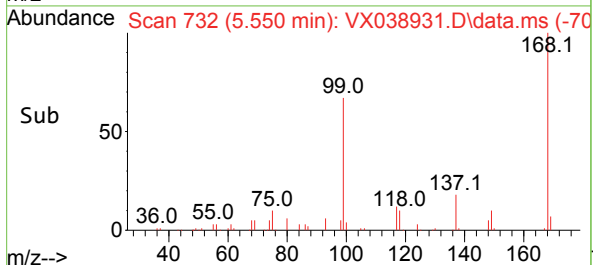
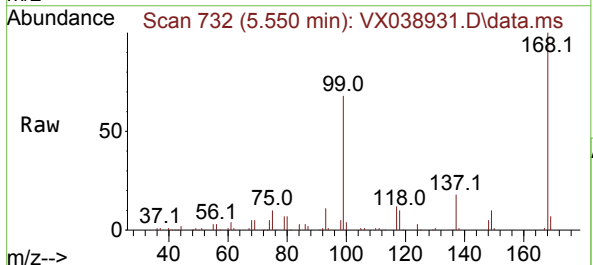


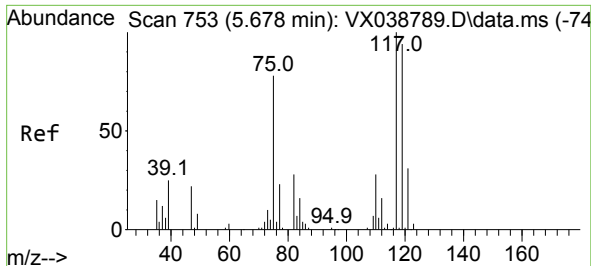
Tgt Ion:113 Resp: 68154
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

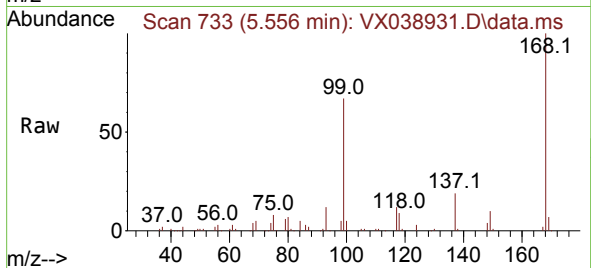
Tgt Ion: 75 Resp: 9705
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



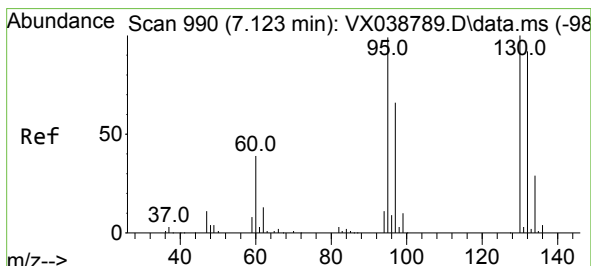
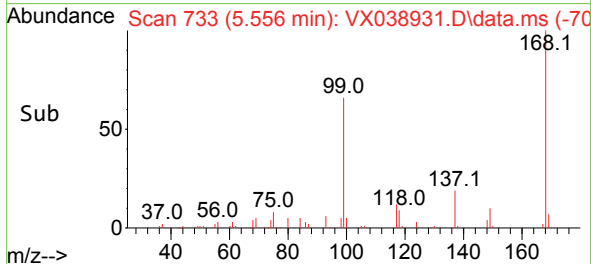
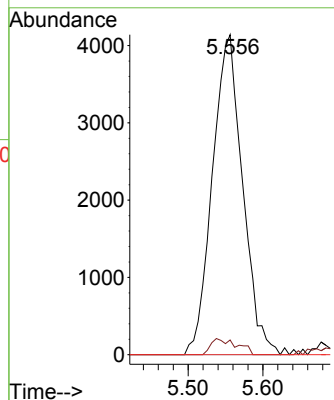


#38
Carbon Tetrachloride
Concen: 5.800 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :

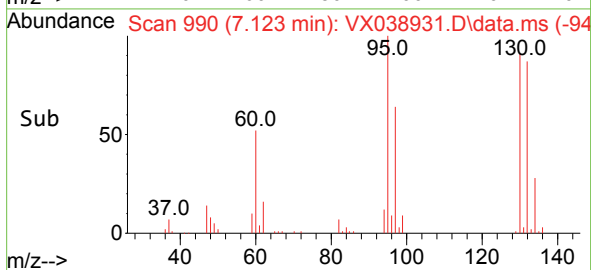
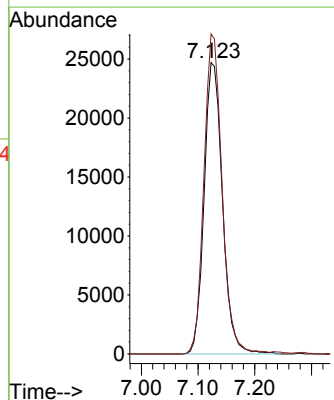
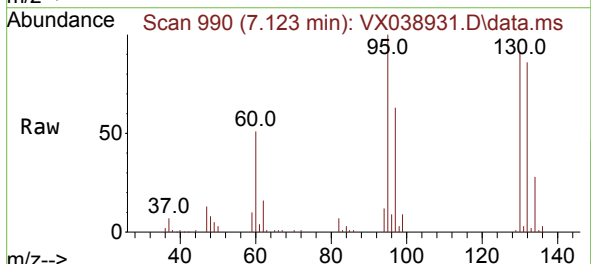


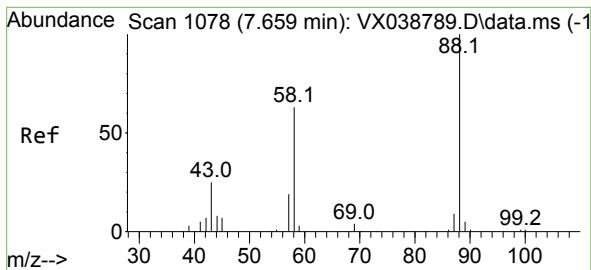
Tgt Ion:117 Resp: 11631
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 35.612 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Tgt Ion:130 Resp: 55629
Ion Ratio Lower Upper
130 100
95 109.8 0.0 204.4





#49

1,4-Dioxane

Concen: 19.266 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX038931.D

Acq: 18 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

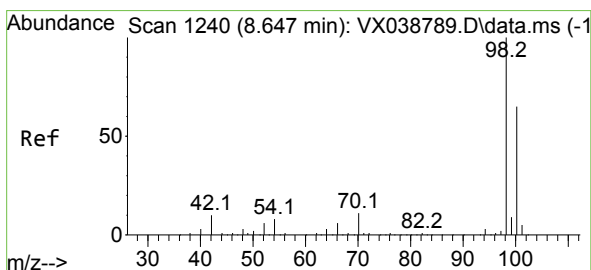
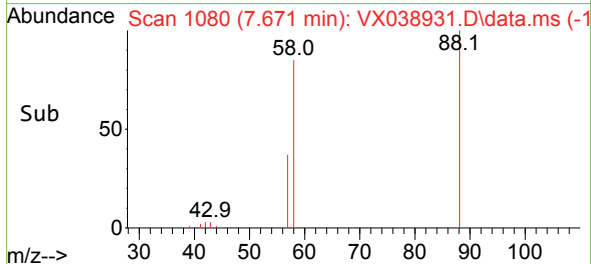
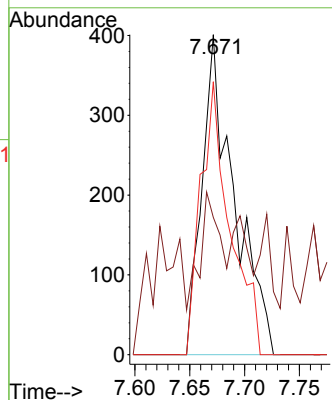
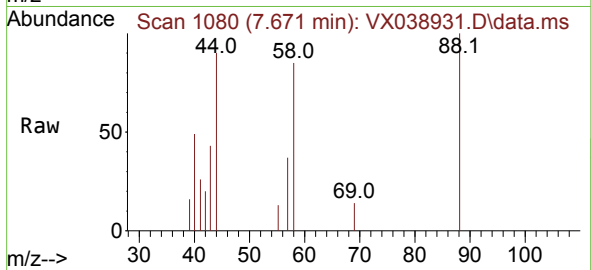
Tgt Ion: 88 Resp: 817

Ion Ratio Lower Upper

88 100

43 34.1 0.0 0.0#

58 77.6 60.1 90.1



#50

Toluene-d8

Concen: 45.397 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038931.D

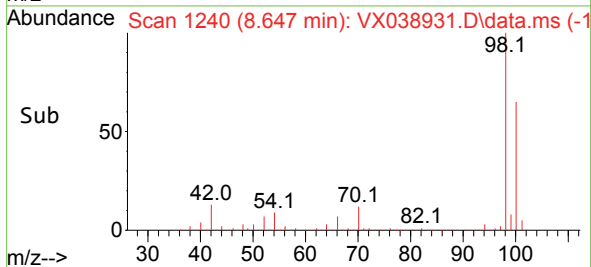
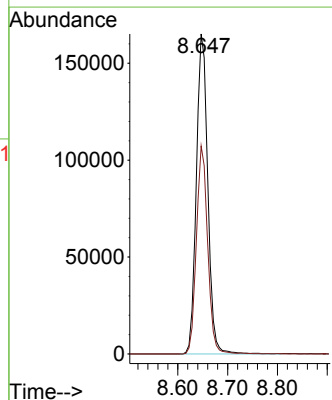
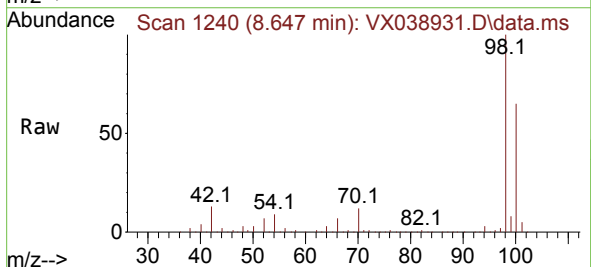
Acq: 18 Nov 2023 16:18

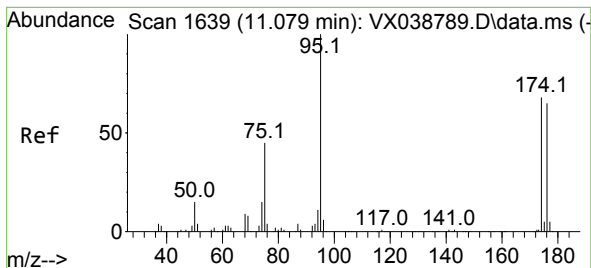
Tgt Ion: 98 Resp: 262955

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

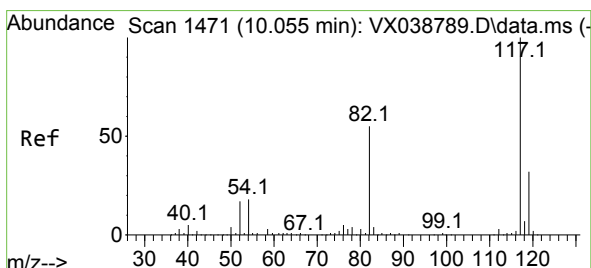
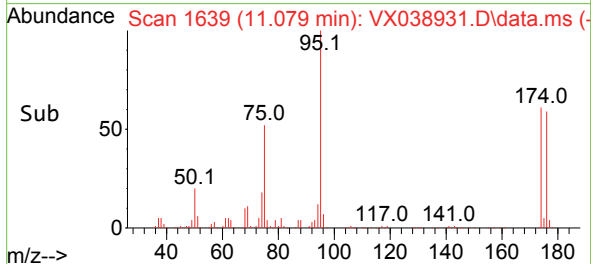
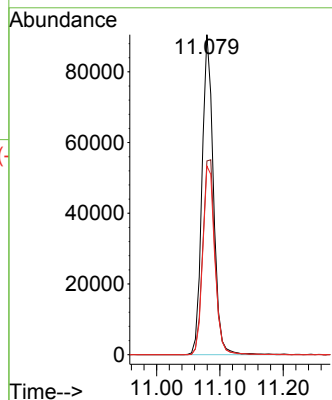
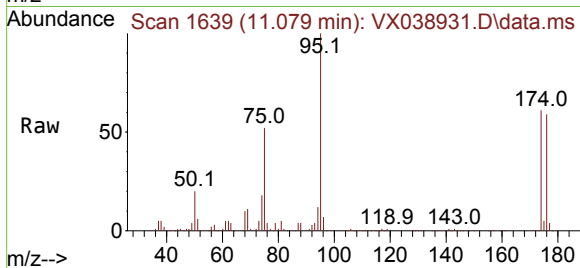




#62
4-Bromofluorobenzene
Concen: 49.037 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

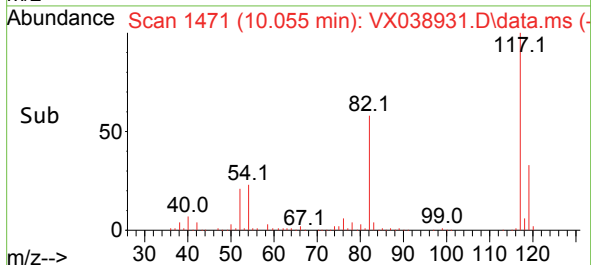
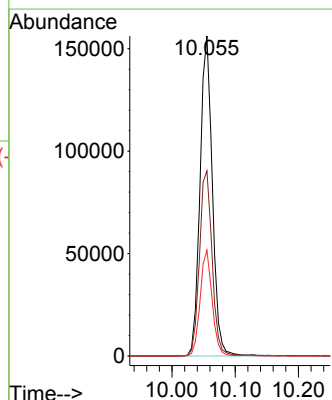
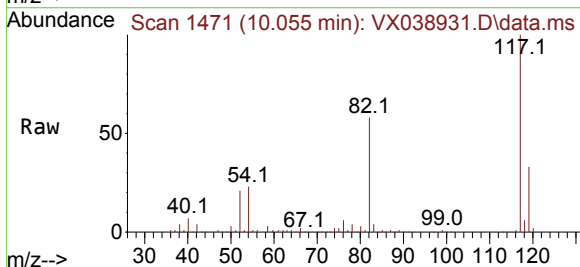
Instrument :
MSVOA_X
ClientSampleId :

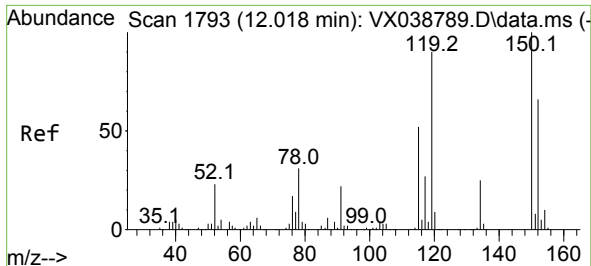
Tgt Ion: 95 Resp: 113703
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 62.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Tgt Ion: 117 Resp: 212315
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 33.0 25.5 38.3

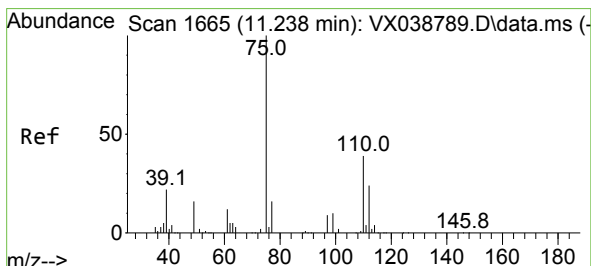
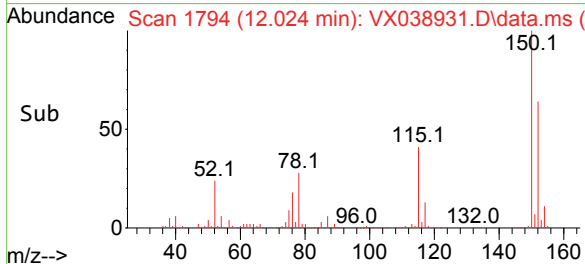
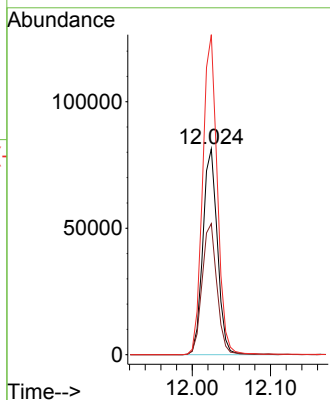
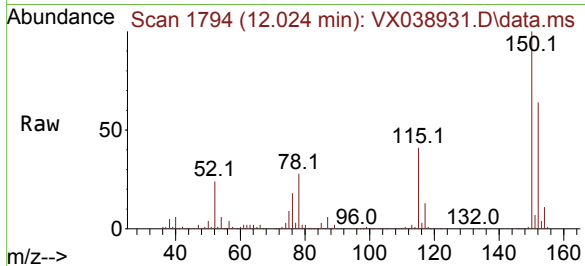




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

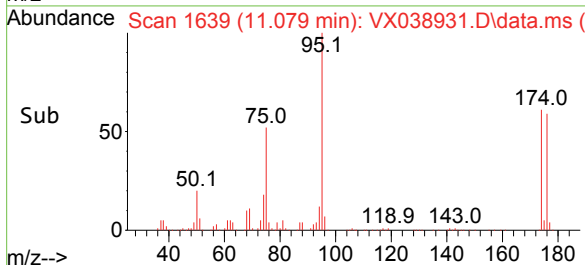
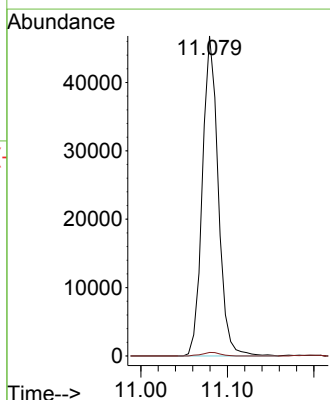
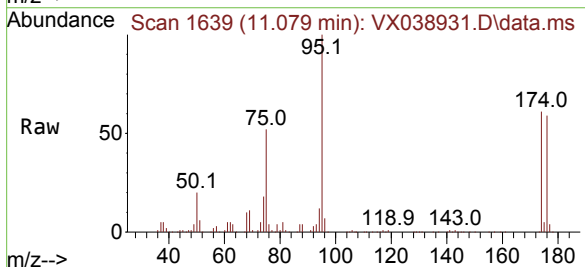
Instrument :
MSVOA_X
ClientSampleId :

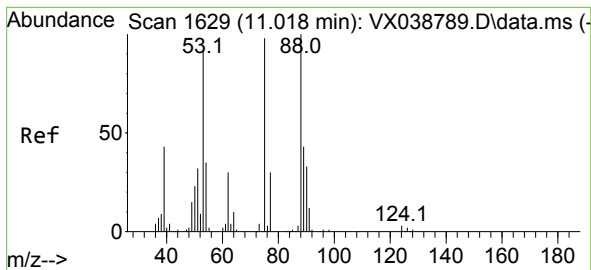
Tgt Ion:152 Resp: 104942
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038931.D
Acq: 18 Nov 2023 16:18

Tgt Ion: 75 Resp: 59496
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.403 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038931.D
 Acq: 18 Nov 2023 16:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 59496
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

