

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038875.D
 Acq On : 17 Nov 2023 13:10
 Operator : JC/MD
 Sample : 05403-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 22:49:28 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)

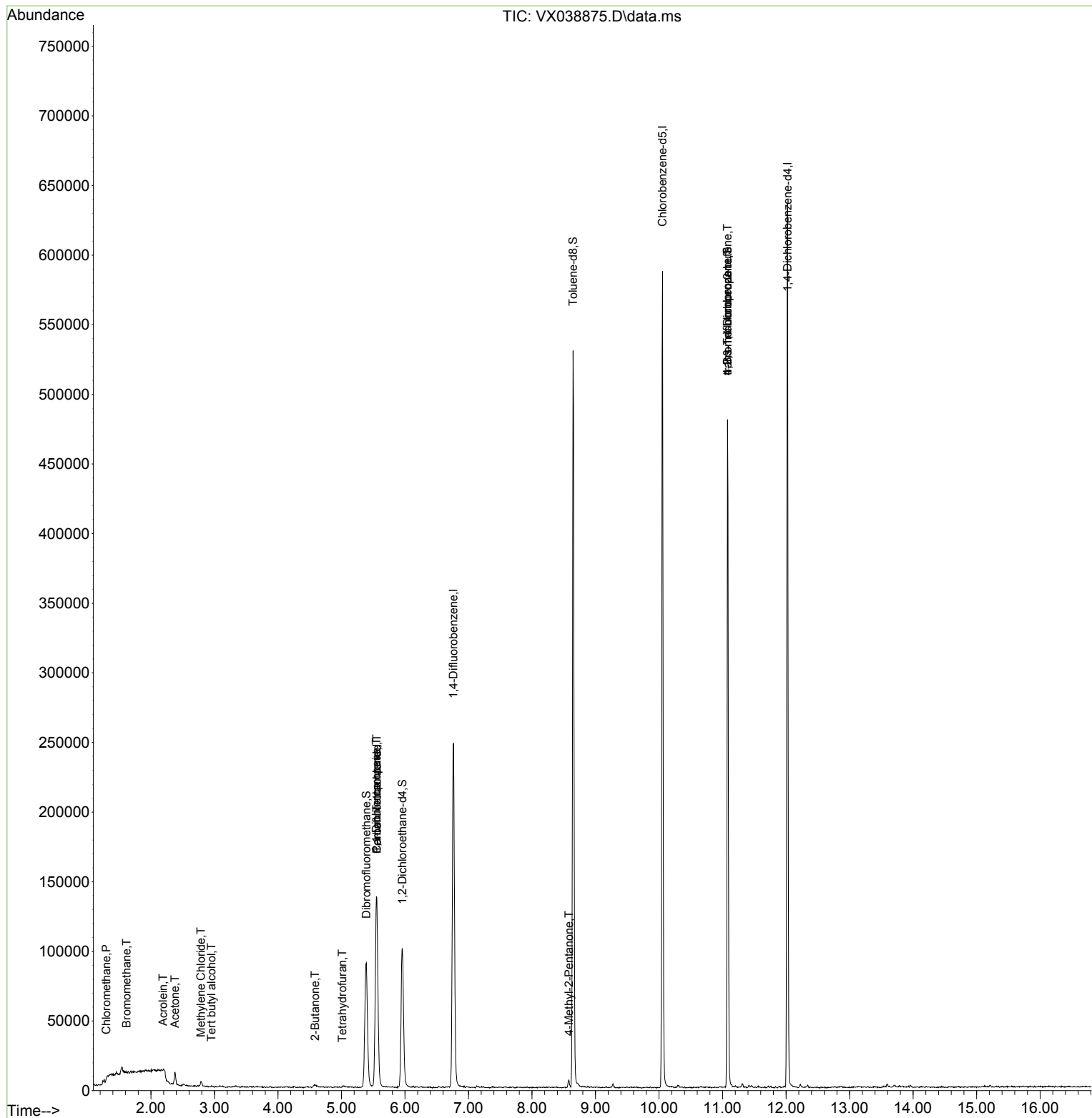
Internal Standards						
1) Pentafluorobenzene	5.556	168	126011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94458	46.520	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.040%		
35) Dibromofluoromethane	5.391	113	81347	44.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.680%		
50) Toluene-d8	8.647	98	319319	45.496	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.000%#		
62) 4-Bromofluorobenzene	11.079	95	135929	48.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	547	0.285	ug/l	95
5) Bromomethane	1.618	94	229	0.300	ug/l #	4
11) Tert butyl alcohol	2.953	59	304	0.538	ug/l #	1
13) Acrolein	2.191	56	221	0.740	ug/l #	14
16) Acetone	2.380	43	9711	8.984	ug/l	93
20) Methylene Chloride	2.788	84	1763	0.905	ug/l	85
25) 2-Butanone	4.587	43	2546	1.453	ug/l #	87
29) Tetrahydrofuran	5.013	42	764	0.686	ug/l #	77
36) 1,1-Dichloropropene	5.550	75	11307	4.301	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13690	5.634	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	3784	1.082	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	70143	21.684	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70143	48.098	ug/l #	5

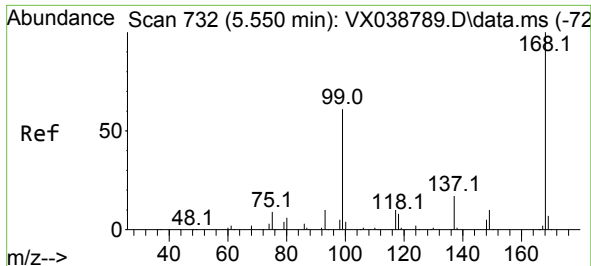
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
Data File : VX038875.D
Acq On : 17 Nov 2023 13:10
Operator : JC/MD
Sample : 05403-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 17 22:49:28 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: VX038875.D

Acq: 17 Nov 2023 13:10

Instrument :

MSVOA_X

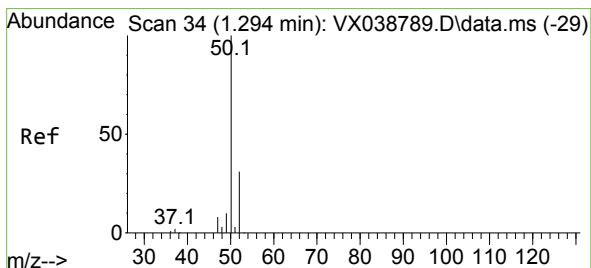
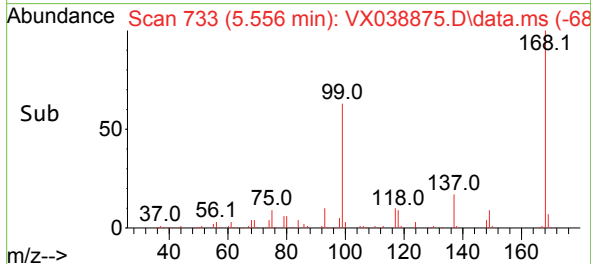
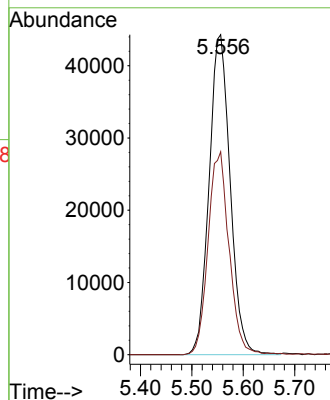
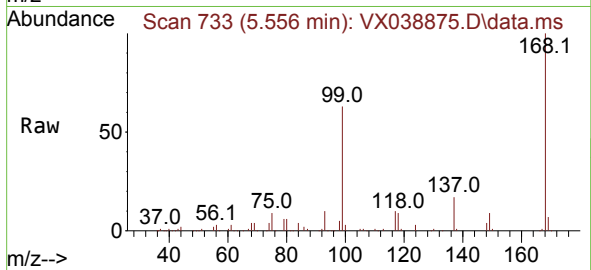
ClientSampleId :

Tgt Ion:168 Resp: 126011

Ion Ratio Lower Upper

168 100

99 63.4 56.6 85.0



#3

Chloromethane

Concen: 0.285 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX038875.D

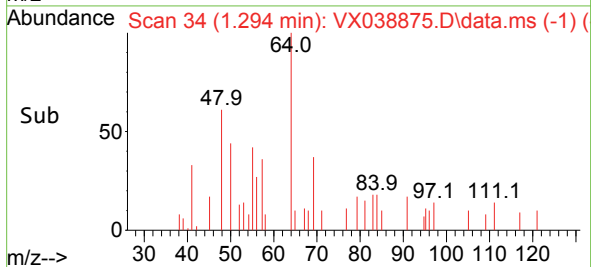
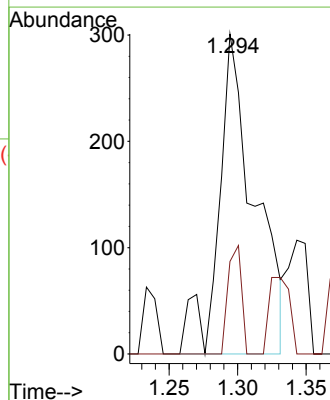
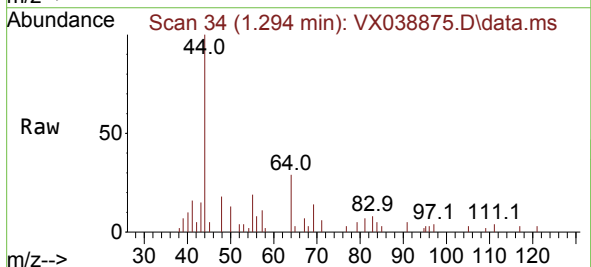
Acq: 17 Nov 2023 13:10

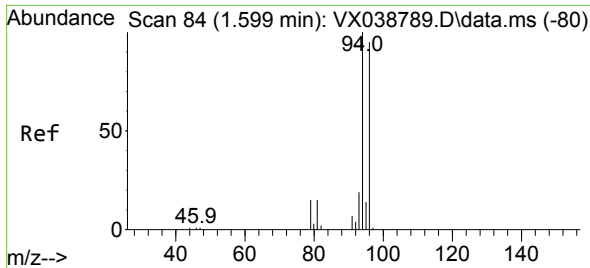
Tgt Ion: 50 Resp: 547

Ion Ratio Lower Upper

50 100

52 28.9 25.5 38.3

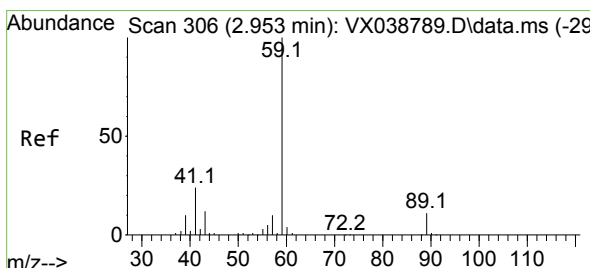
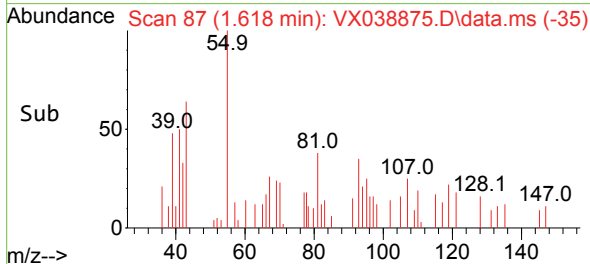
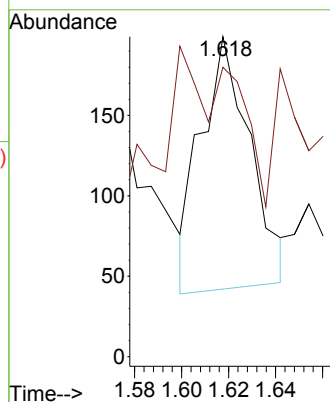
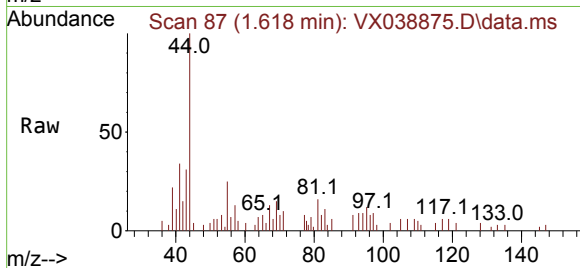




#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

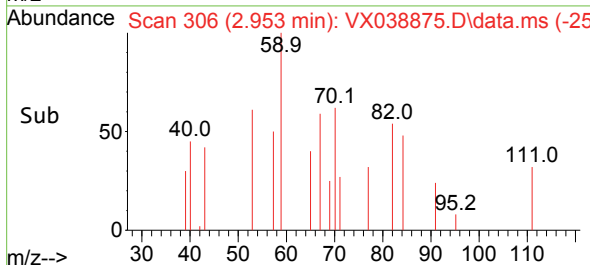
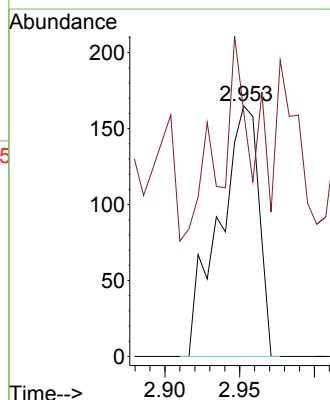
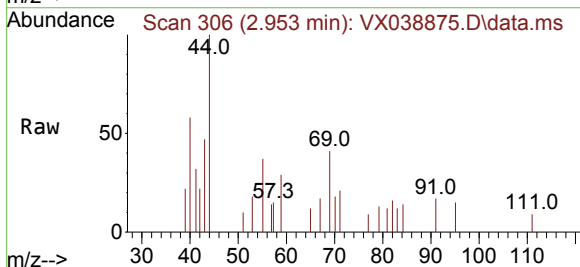
Instrument :
MSVOA_X
ClientSampleId :

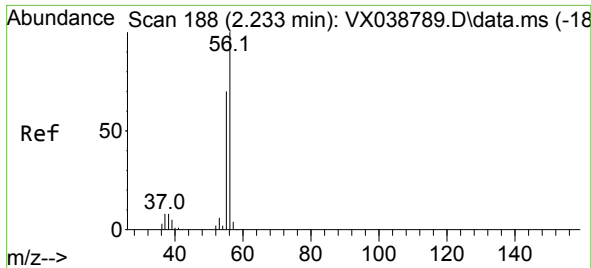
Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 0.8 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.538 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 48.7 6.0 9.0#

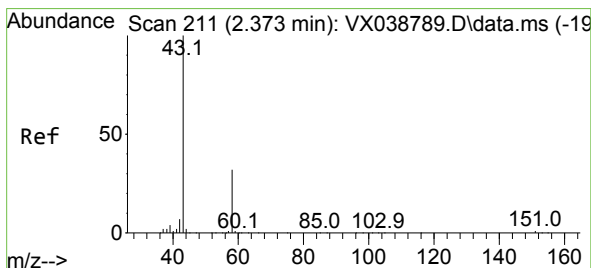
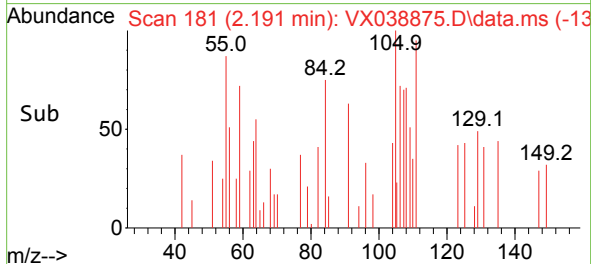
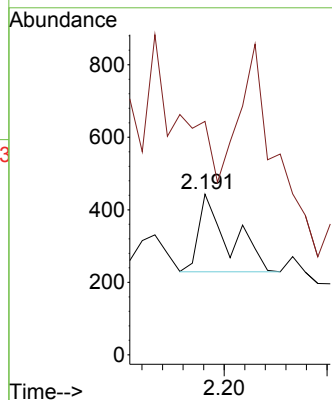
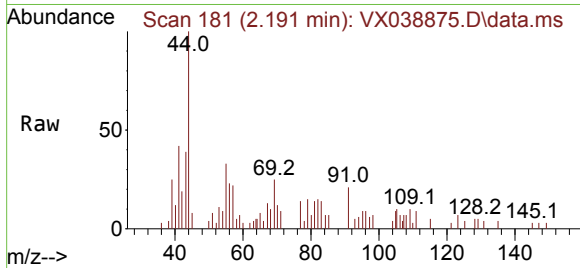




#13
Acrolein
Concen: 0.740 ug/l
RT: 2.191 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

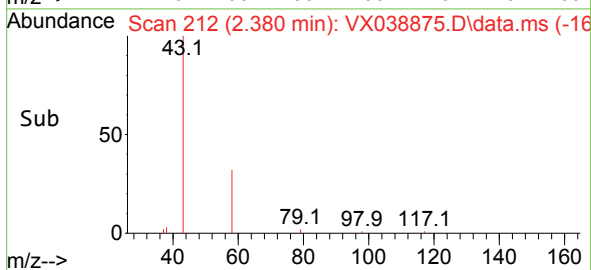
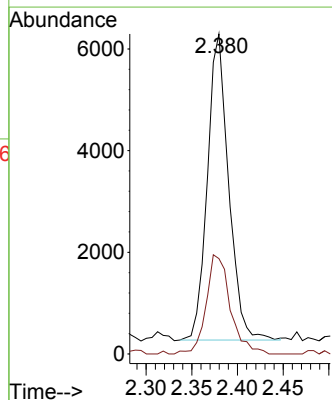
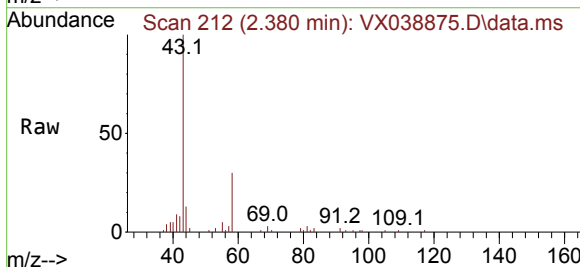
Instrument :
MSVOA_X
ClientSampleId :

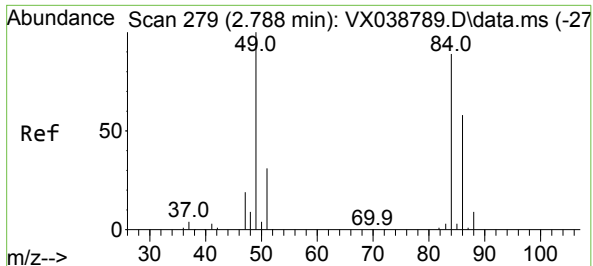
Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 8.984 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

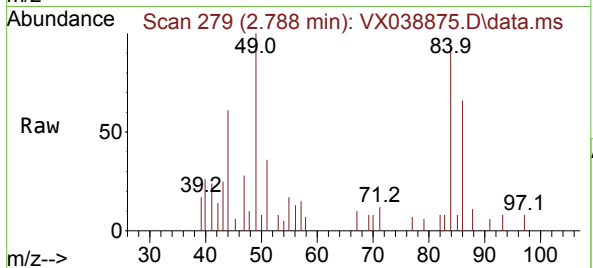
Tgt Ion: 43 Resp: 9711
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9



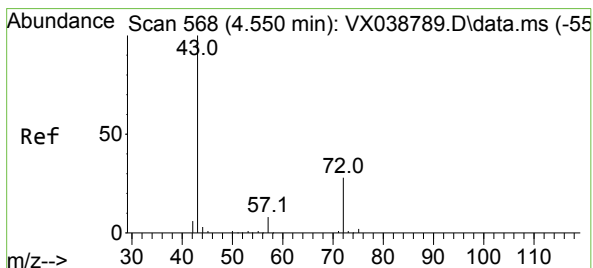
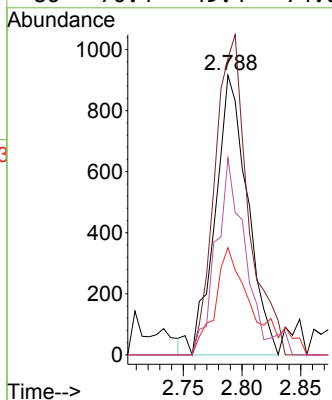


#20
Methylene Chloride
Concen: 0.905 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

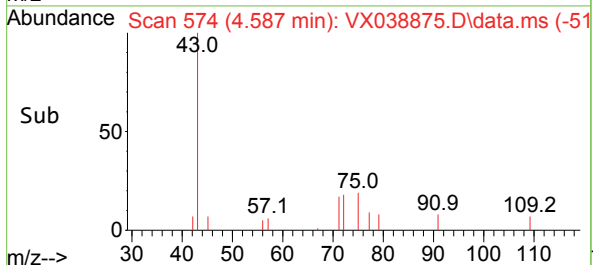
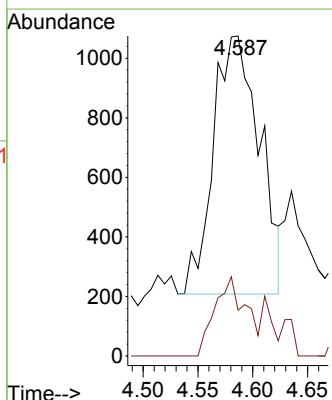
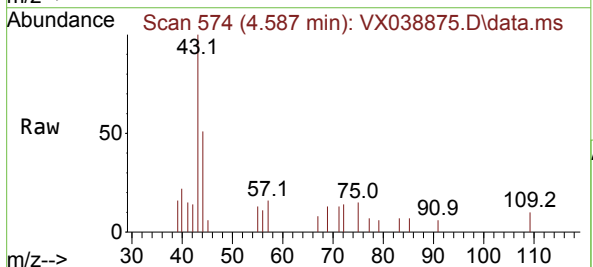


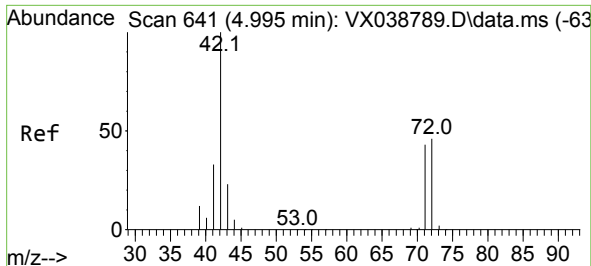
Tgt Ion: 84	Resp: 1763
Ion Ratio	Lower Upper
84 100	
49 106.0	103.6 155.4
51 38.3	33.8 50.6
86 70.4	49.4 74.0



#25
2-Butanone
Concen: 1.453 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.037 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

Tgt Ion: 43	Resp: 2546		
Ion Ratio	Lower	Upper	
43 100			
72 17.8	19.4	29.2#	





#29

Tetrahydrofuran

Concen: 0.686 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX038875.D

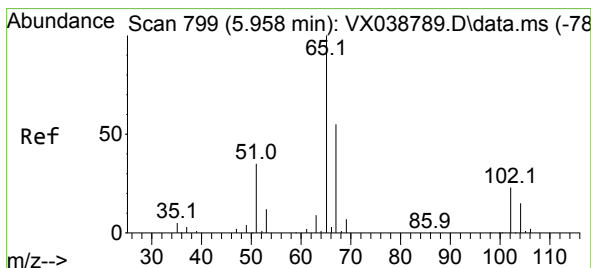
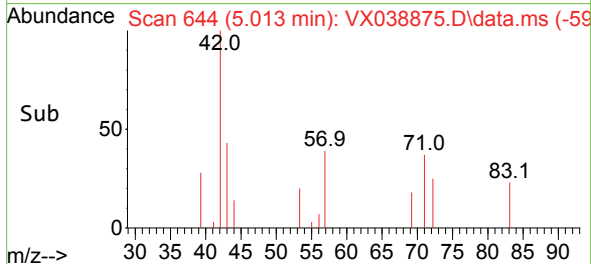
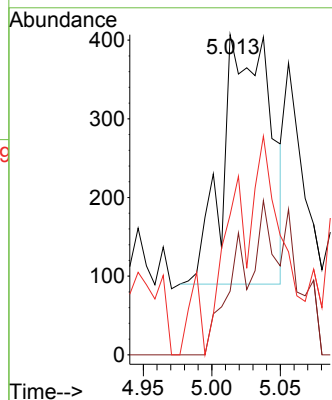
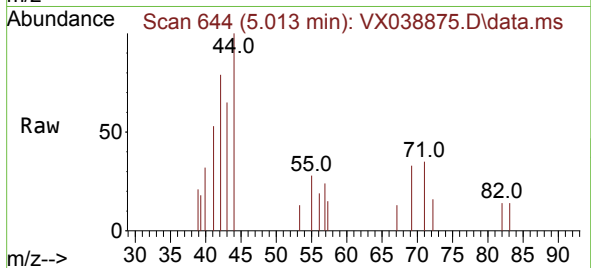
Acq: 17 Nov 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	764
Ion	Ratio	Lower	Upper
42	100		
72	20.7	34.2	51.4#
71	33.6	32.2	48.2



#33

1,2-Dichloroethane-d4

Concen: 46.520 ug/l

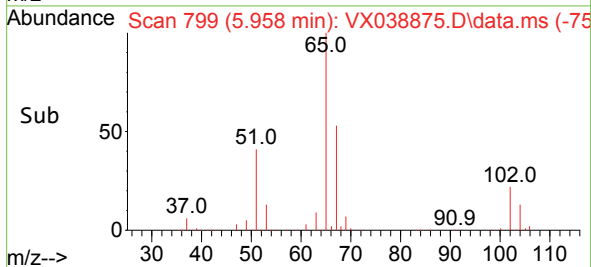
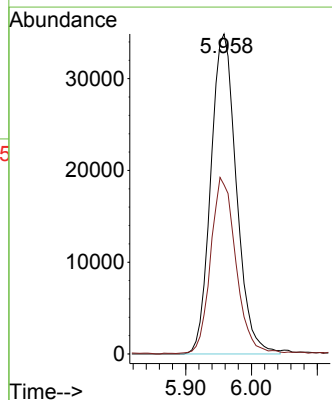
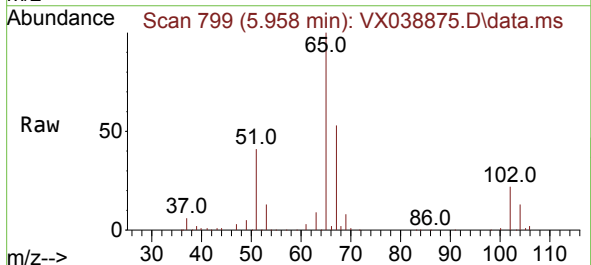
RT: 5.958 min Scan# 799

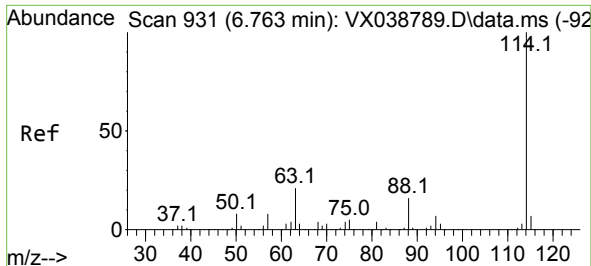
Delta R.T. 0.000 min

Lab File: VX038875.D

Acq: 17 Nov 2023 13:10

Tgt Ion:	65	Resp:	94458
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	100.2

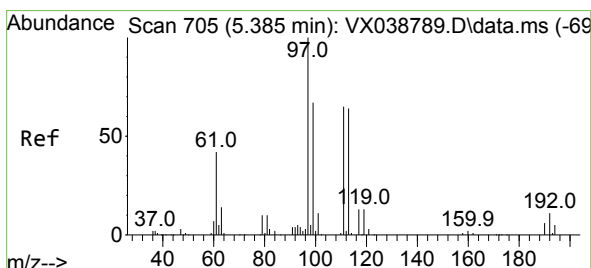
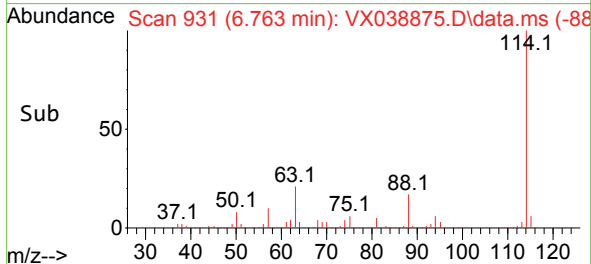
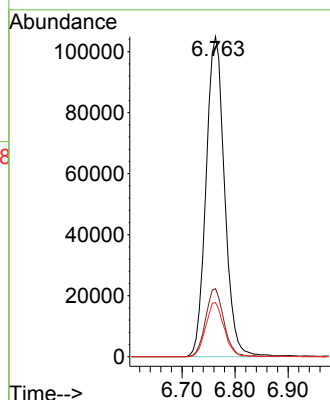
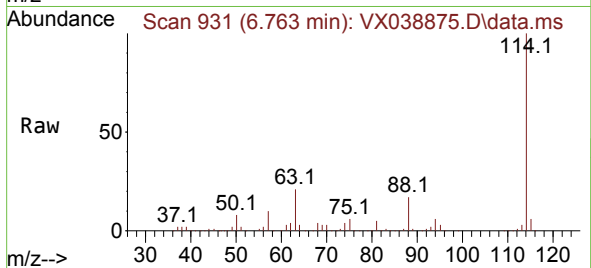




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

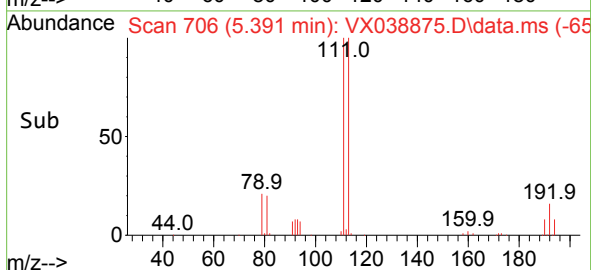
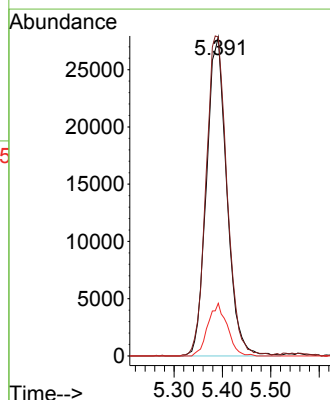
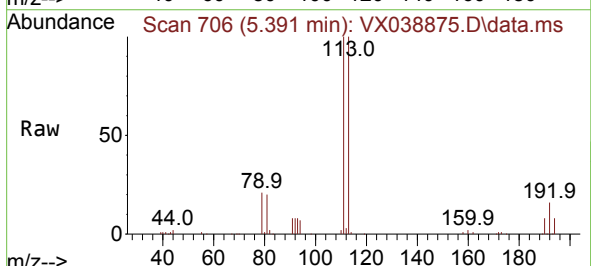
Instrument :
MSVOA_X
ClientSampleId :

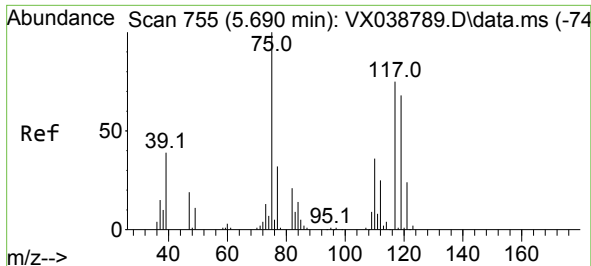
Tgt Ion:114 Resp: 254000
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.344 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

Tgt Ion:113 Resp: 81347
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 15.7 13.3 19.9

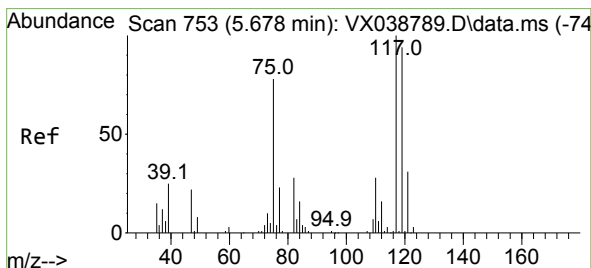
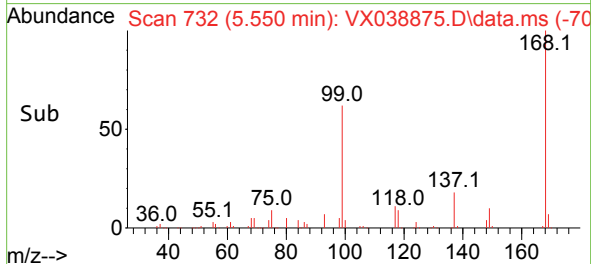
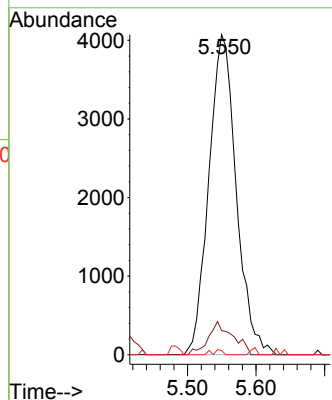
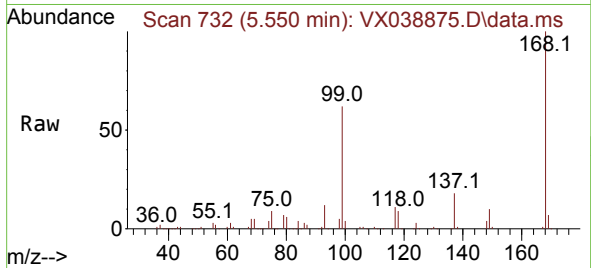




#36
1,1-Dichloropropene
Concen: 4.301 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

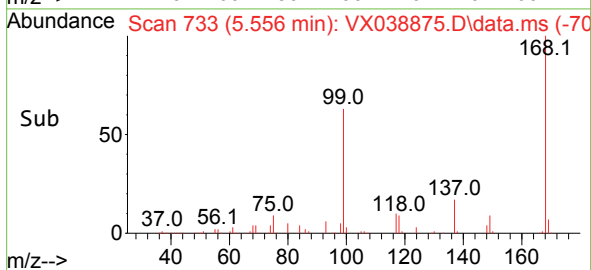
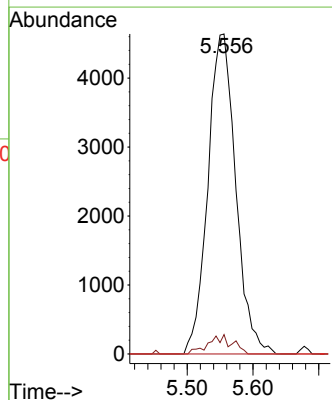
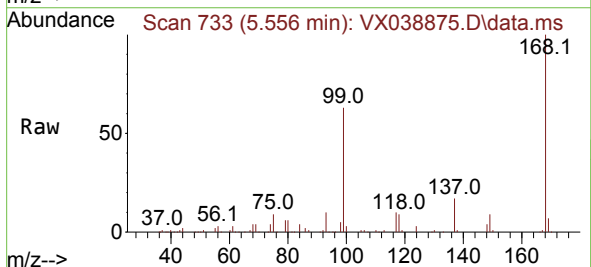
Instrument :
MSVOA_X
ClientSampleId :

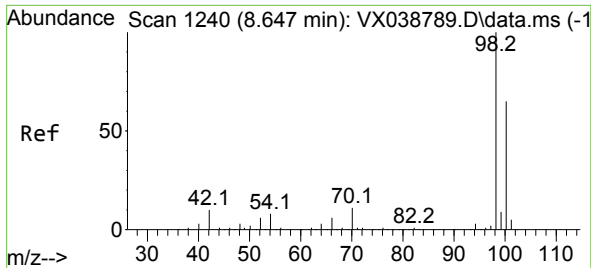
Tgt Ion: 75 Resp: 11307
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.6 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.634 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

Tgt Ion: 117 Resp: 13690
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#

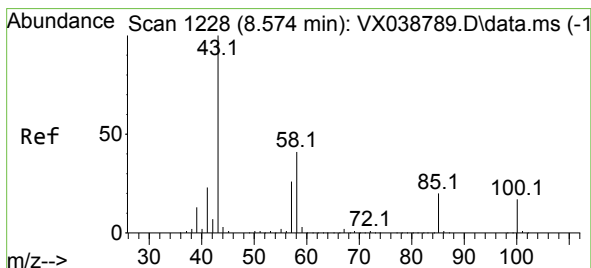
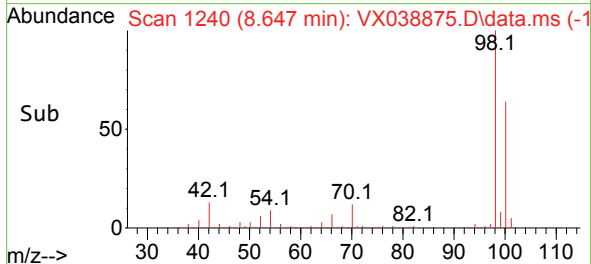
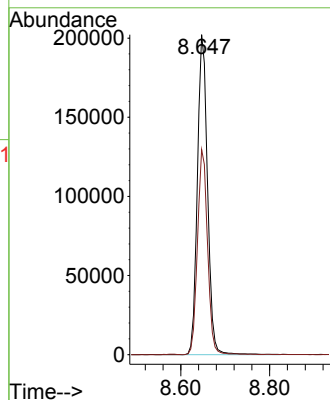
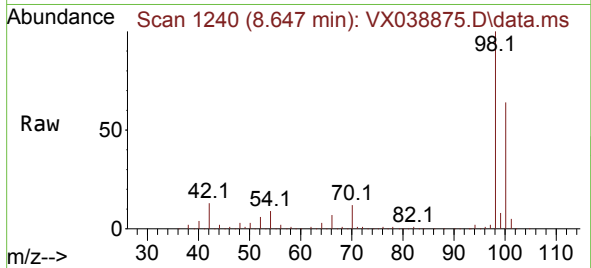




#50
Toluene-d8
Concen: 45.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

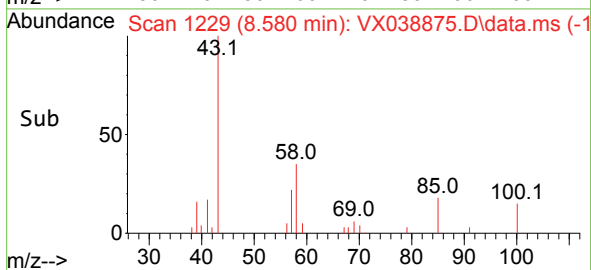
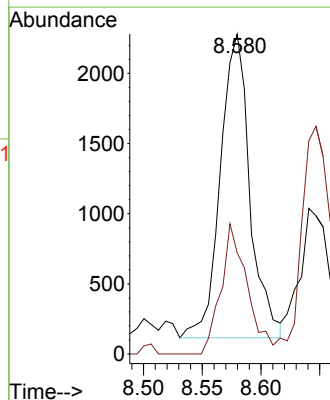
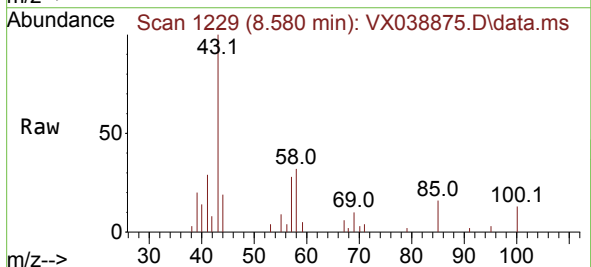
Instrument :
MSVOA_X
ClientSampleId :

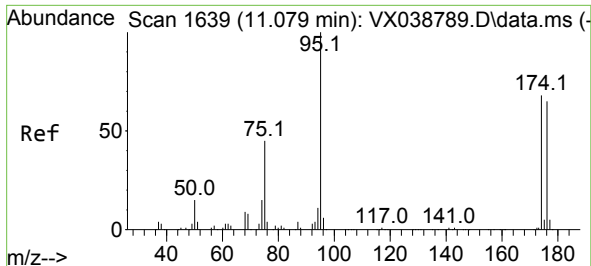
Tgt Ion: 98 Resp: 319319
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.082 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

Tgt Ion: 43 Resp: 3784
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

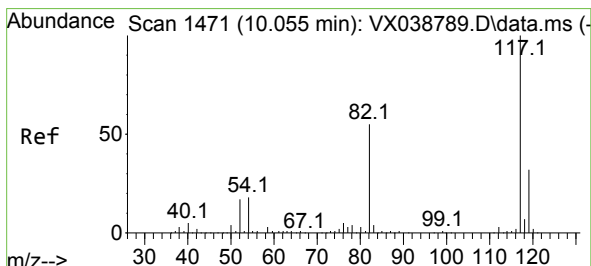
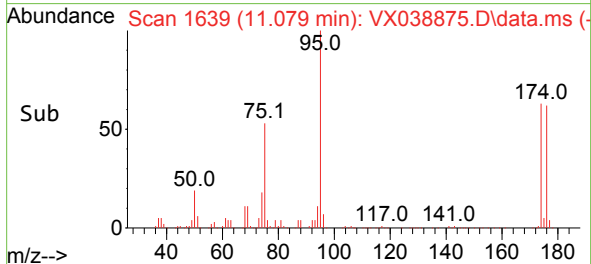
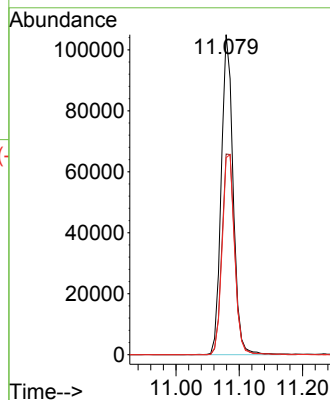
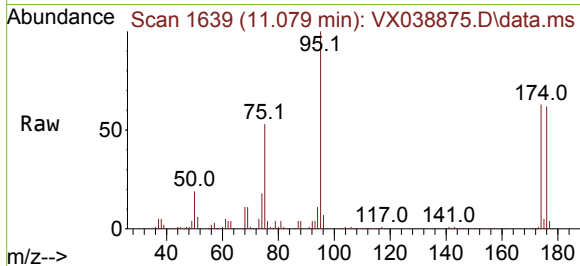




#62
4-Bromofluorobenzene
Concen: 48.380 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

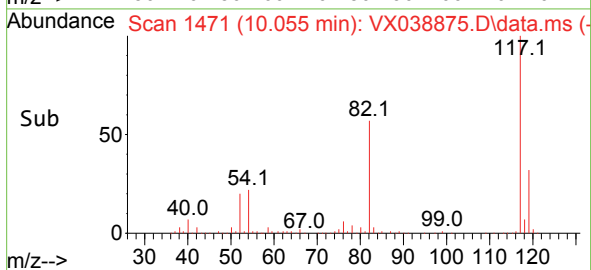
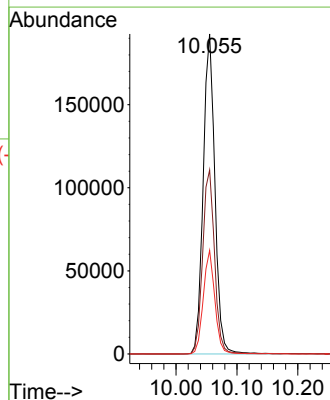
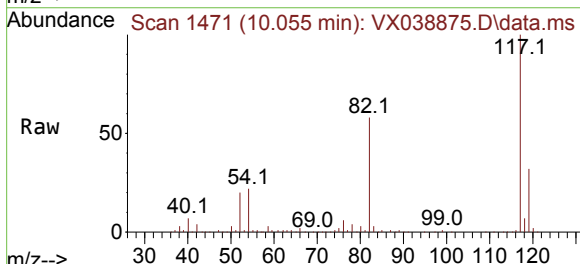
Instrument :
MSVOA_X
ClientSampleId :

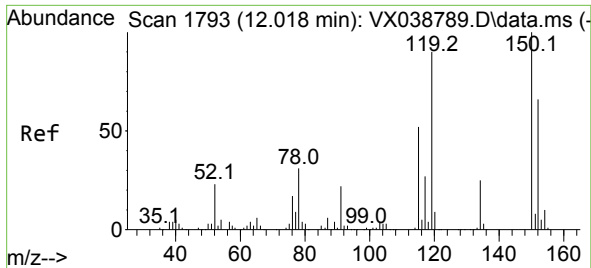
Tgt Ion: 95 Resp: 135929
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 65.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038875.D
Acq: 17 Nov 2023 13:10

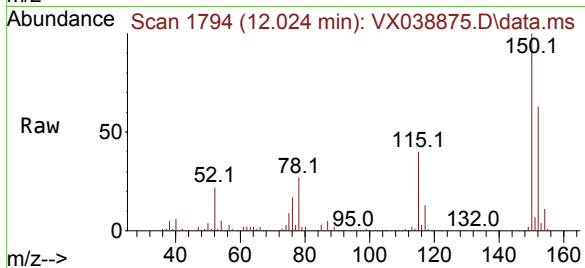
Tgt Ion: 117 Resp: 257095
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.3 25.5 38.3



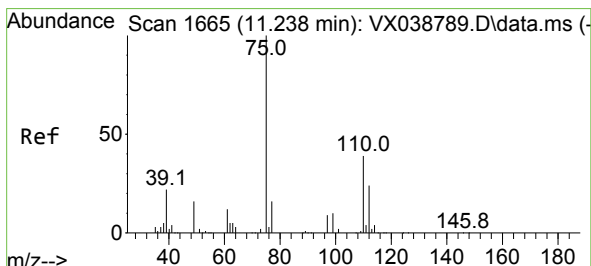
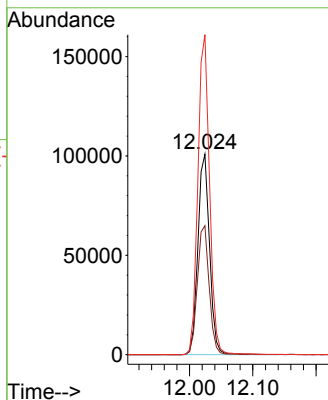
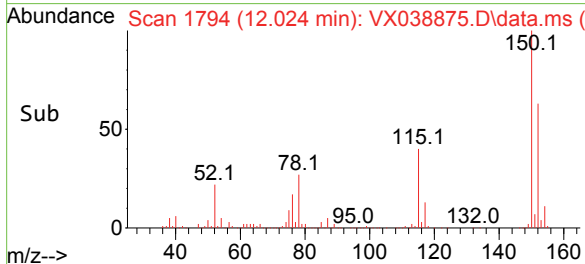


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038875.D
 Acq: 17 Nov 2023 13:10

Instrument :
 MSVOA_X
 ClientSampleId :

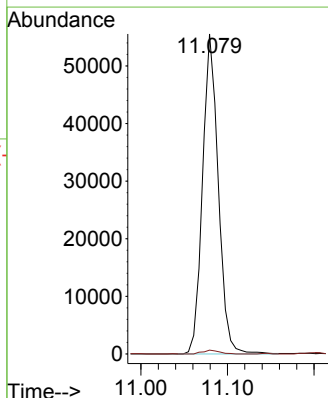
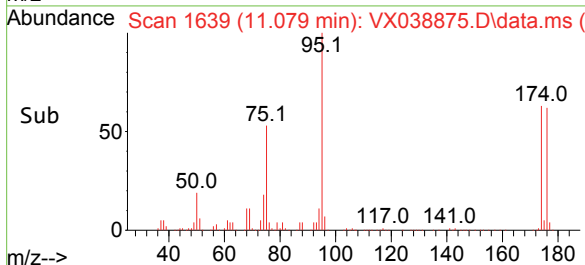
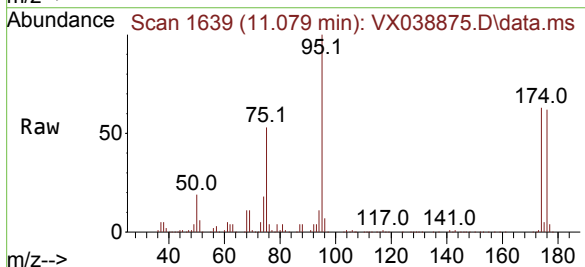


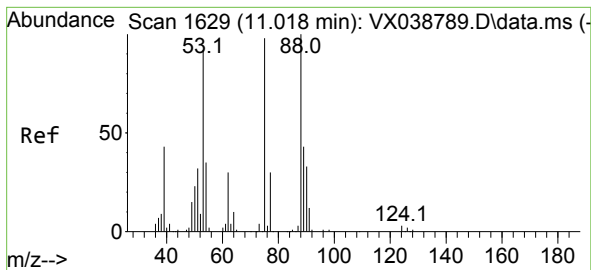
Tgt Ion:152 Resp: 129649
 Ion Ratio Lower Upper
 152 100
 115 65.4 43.3 129.9
 150 159.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.684 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038875.D
 Acq: 17 Nov 2023 13:10

Tgt Ion: 75 Resp: 70143
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.098 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038875.D
 Acq: 17 Nov 2023 13:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 70143
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

