

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038885.D
 Acq On : 17 Nov 2023 17:02
 Operator : JC/MD
 Sample : 05404-29 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20231110

Quant Time: Nov 17 22:52:56 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)

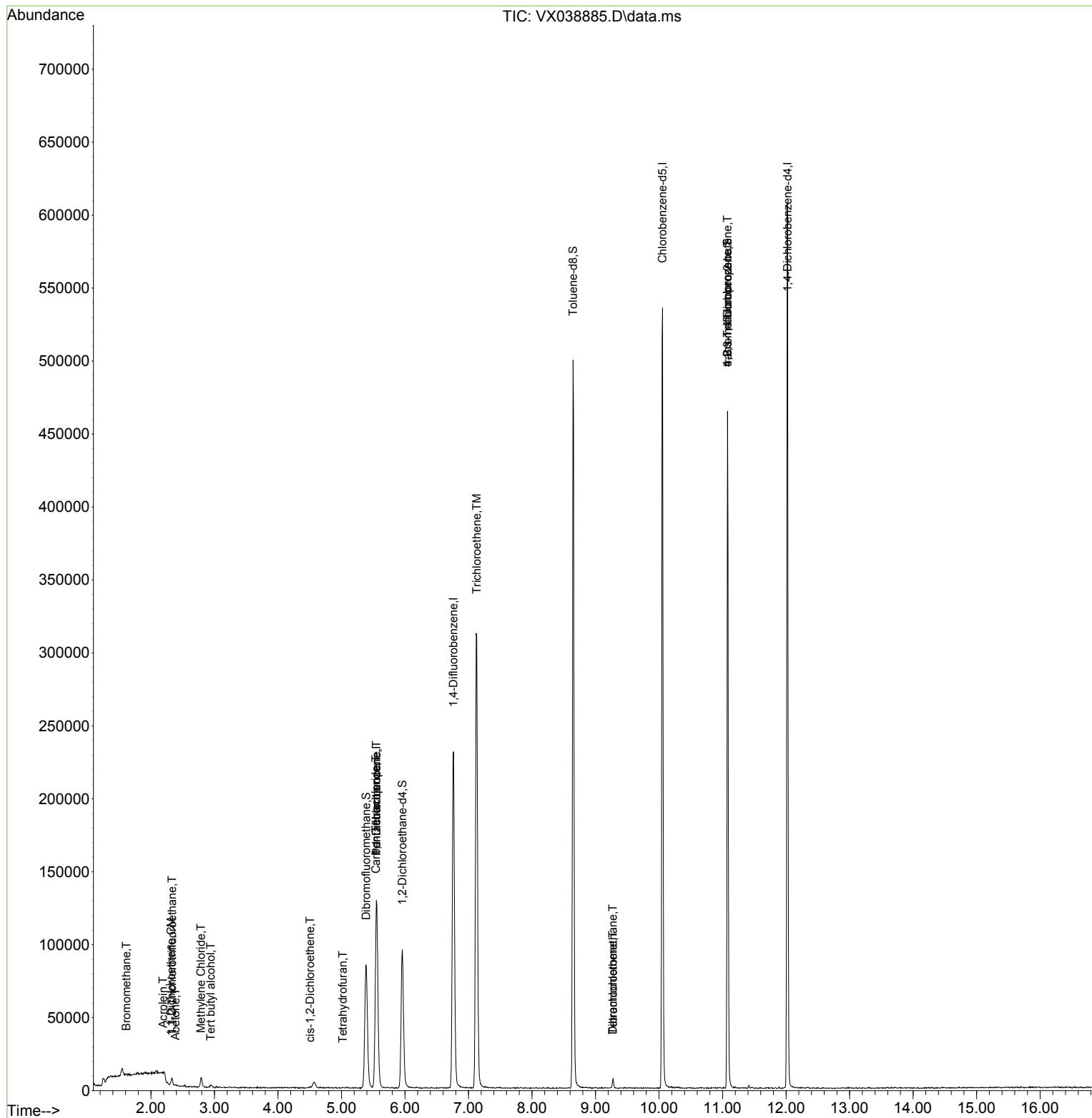
Internal Standards						
1) Pentafluorobenzene	5.550	168	115327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88383	47.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	75925	44.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.400%
50) Toluene-d8	8.647	98	301757	46.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.880%
62) 4-Bromofluorobenzene	11.079	95	127358	48.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	225	0.322	ug/l #	8
9) 1,1,2-Trichlorotrifluo...	2.331	101	1641	1.153	ug/l	95
11) Tert butyl alcohol	2.941	59	1038	2.008	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	535	0.372	ug/l #	81
13) Acrolein	2.191	56	394	1.441	ug/l #	1
16) Acetone	2.386	43	715	0.723	ug/l #	89
20) Methylene Chloride	2.788	84	3394	1.903	ug/l #	91
27) cis-1,2-Dichloroethene	4.507	96	578	0.313	ug/l #	43
29) Tetrahydrofuran	5.019	42	302	0.296	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	10709	4.399	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12730	5.658	ug/l #	15
44) Trichloroethene	7.129	130	118837	67.812	ug/l	100
60) Dibromochloromethane	9.275	129	1031	0.544	ug/l #	11
64) Tetrachloroethene	9.275	164	1028	0.685	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	65204	21.489	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65204	47.664	ug/l #	5

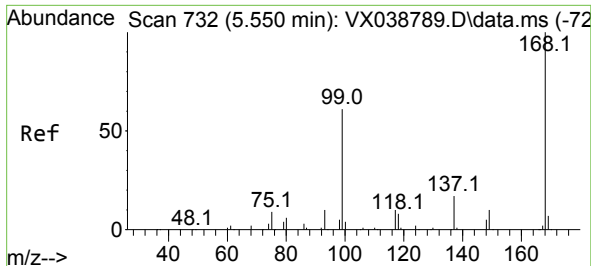
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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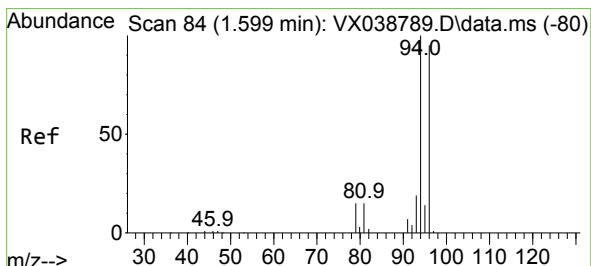
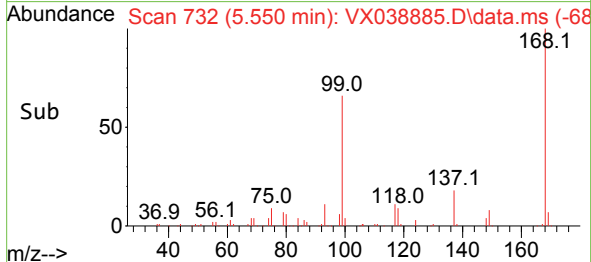
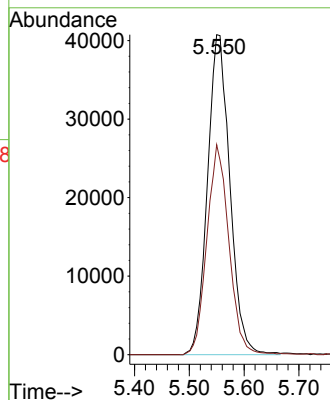
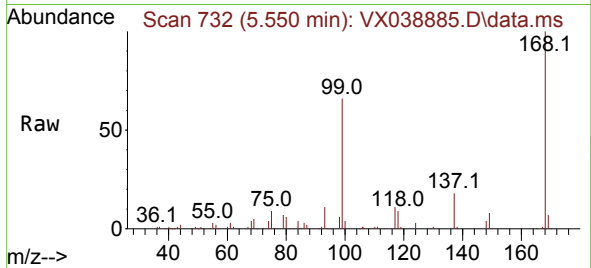




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

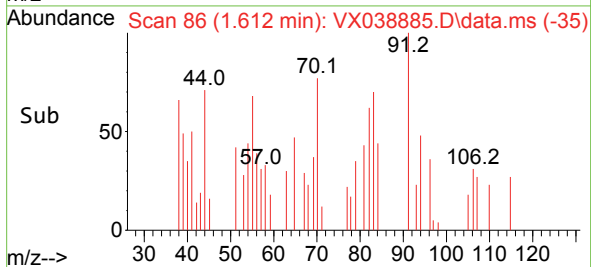
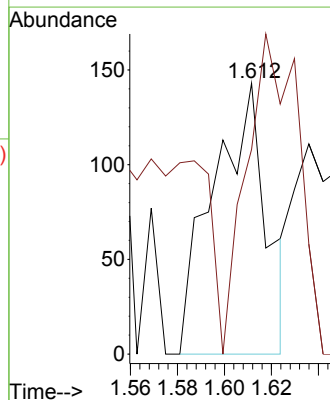
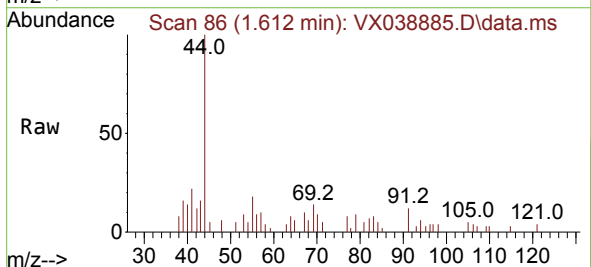
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

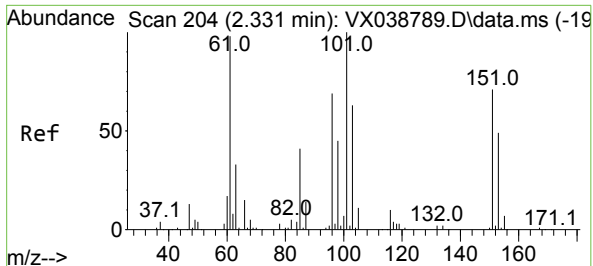
Tgt Ion:168 Resp: 115327
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#5
Bromomethane
Concen: 0.322 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 94 Resp: 225
Ion Ratio Lower Upper
94 100
96 4.9 74.6 111.8#

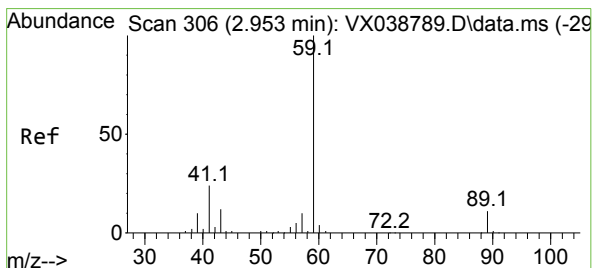
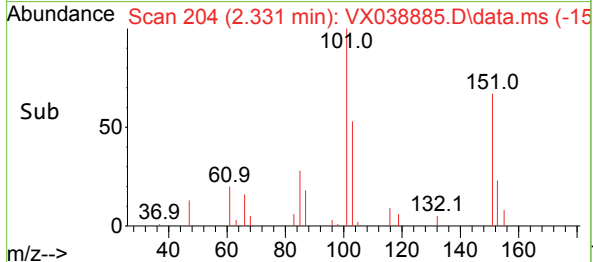
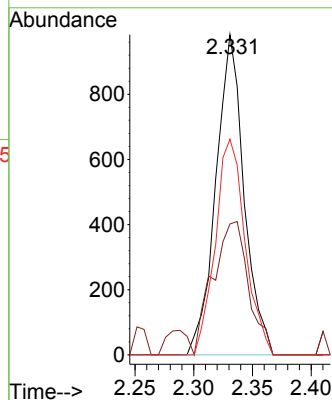
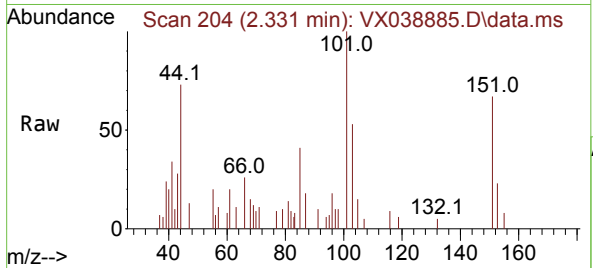




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.153 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

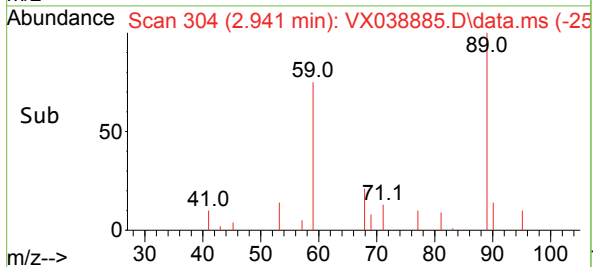
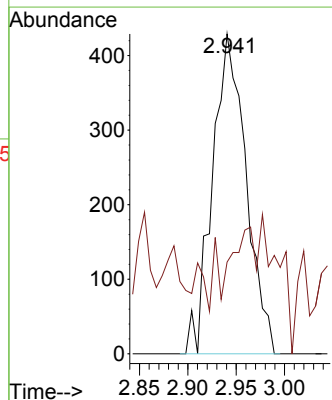
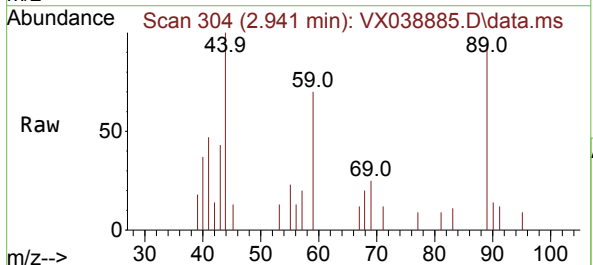
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

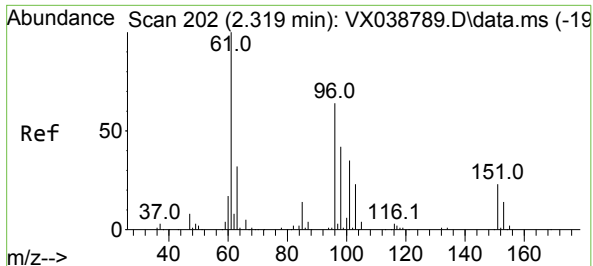
Tgt Ion:101 Resp: 1641
Ion Ratio Lower Upper
101 100
85 53.0 37.0 55.6
151 71.2 58.6 87.8



#11
Tert butyl alcohol
Concen: 2.008 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 59 Resp: 1038
Ion Ratio Lower Upper
59 100
57 4.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.372 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX038885.D

Acq: 17 Nov 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20231110

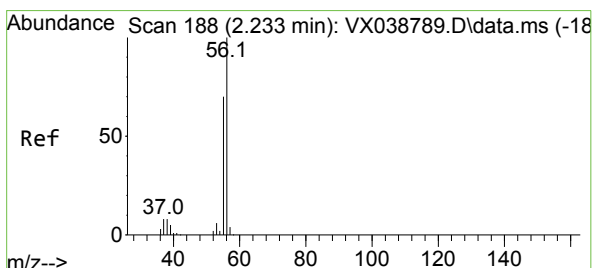
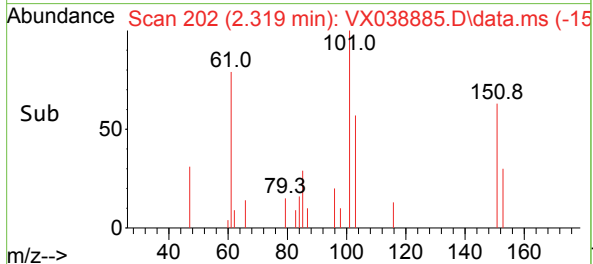
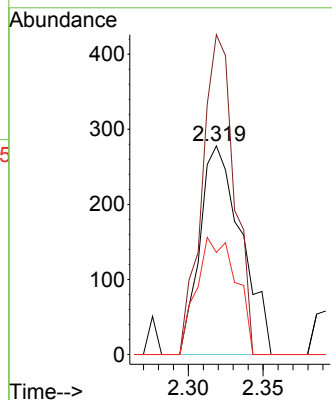
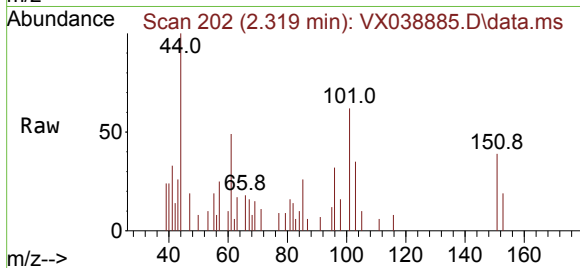
Tgt Ion: 96 Resp: 535

Ion Ratio Lower Upper

96 100

61 153.2 144.6 216.8

98 48.9 50.4 75.6#



#13

Acrolein

Concen: 1.441 ug/l

RT: 2.191 min Scan# 181

Delta R.T. -0.043 min

Lab File: VX038885.D

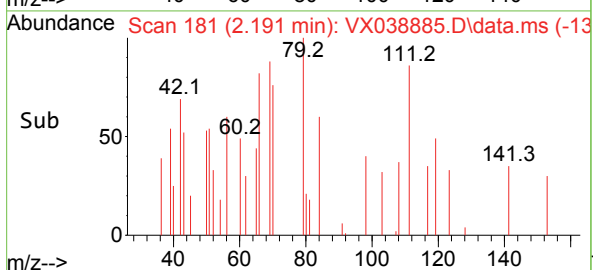
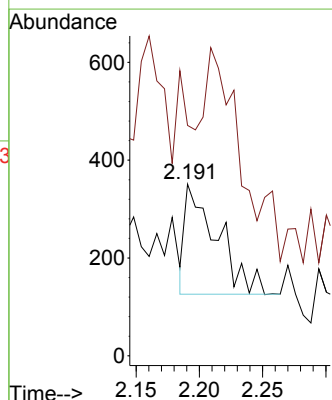
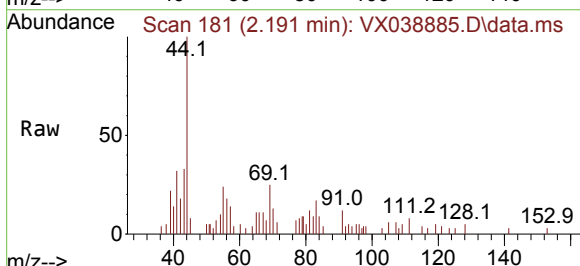
Acq: 17 Nov 2023 17:02

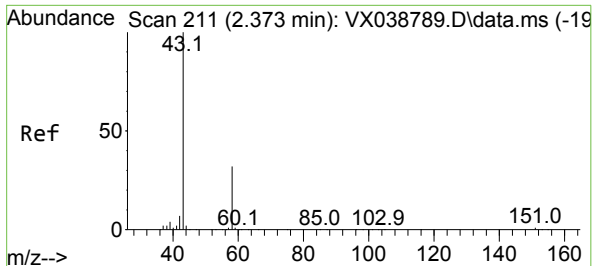
Tgt Ion: 56 Resp: 394

Ion Ratio Lower Upper

56 100

55 160.4 57.1 85.7#

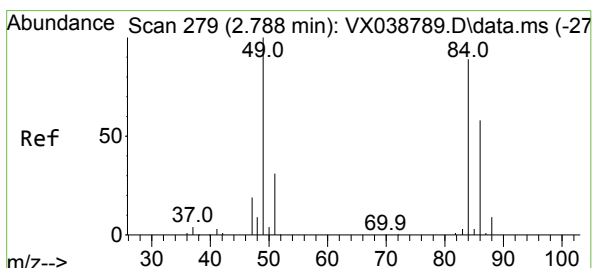
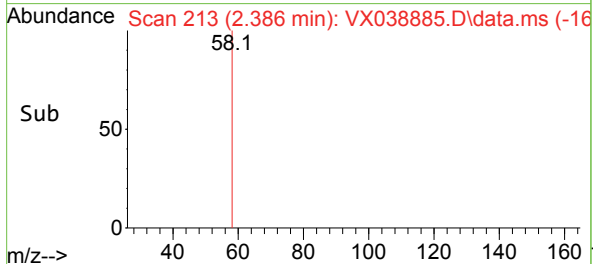
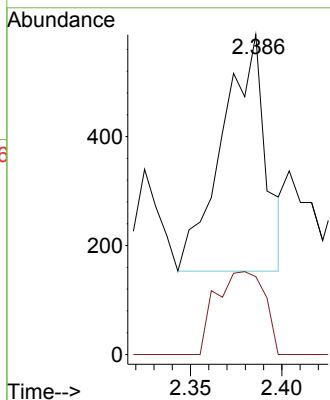
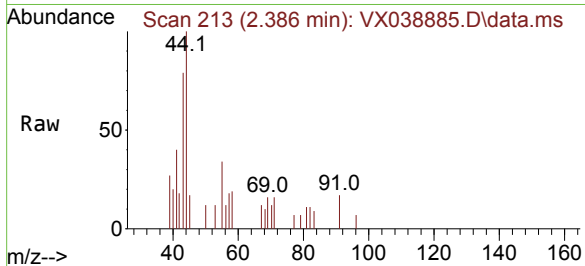




#16
Acetone
Concen: 0.723 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

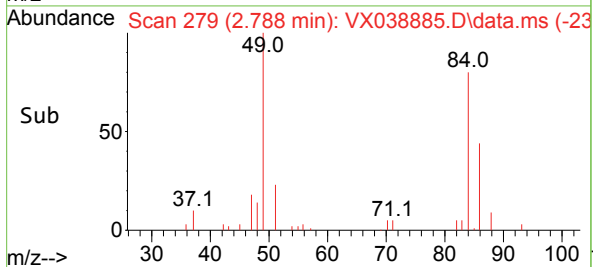
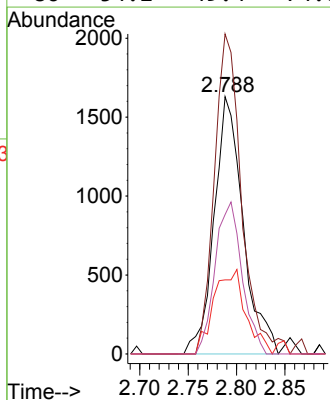
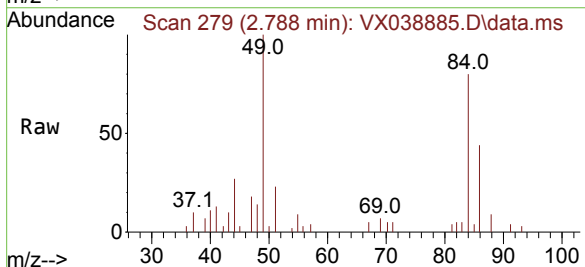
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

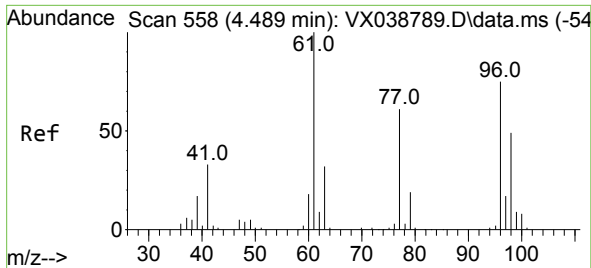
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#



#20
Methylene Chloride
Concen: 1.903 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 84 Resp: 3394
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 28.8 33.8 50.6#
86 54.2 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.313 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX038885.D

Acq: 17 Nov 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20231110

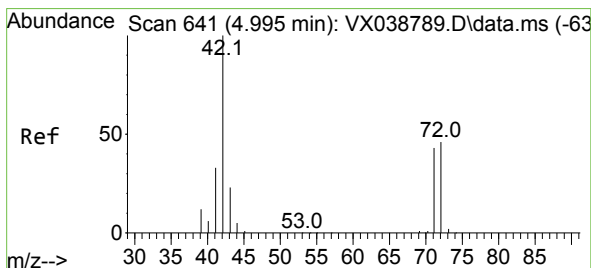
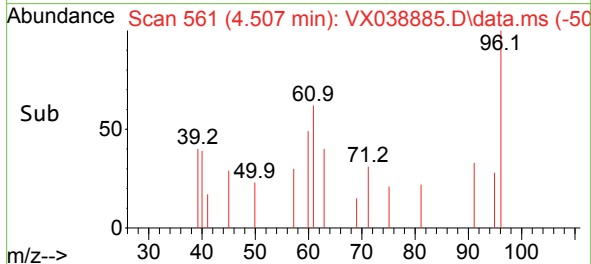
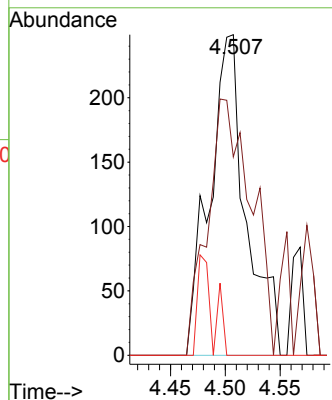
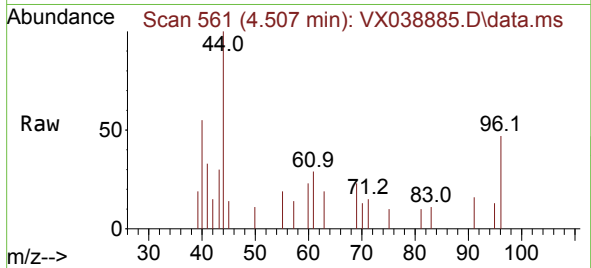
Tgt Ion: 96 Resp: 578

Ion Ratio Lower Upper

96 100

61 96.0 0.0 312.2

98 0.0 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.296 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.025 min

Lab File: VX038885.D

Acq: 17 Nov 2023 17:02

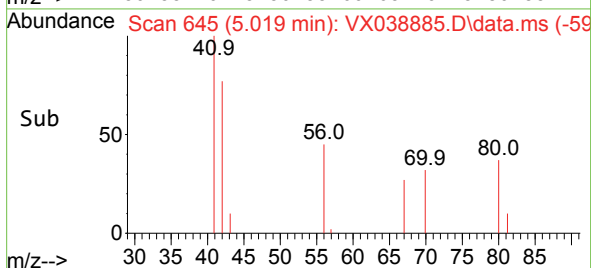
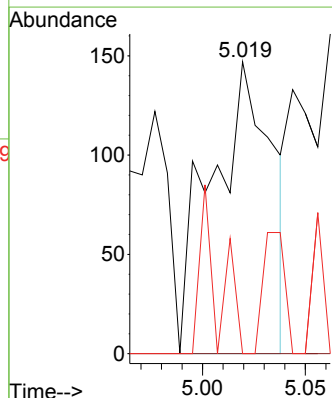
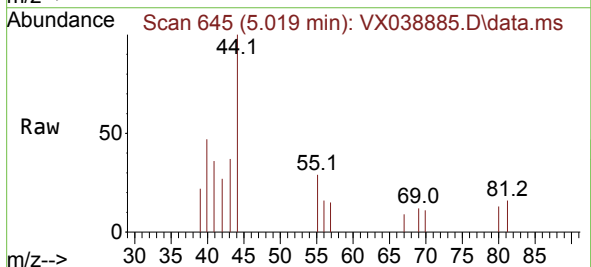
Tgt Ion: 42 Resp: 302

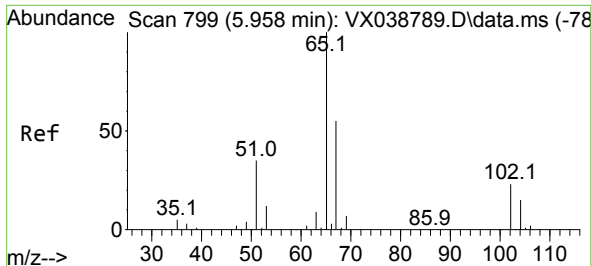
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 14.9 32.2 48.2#

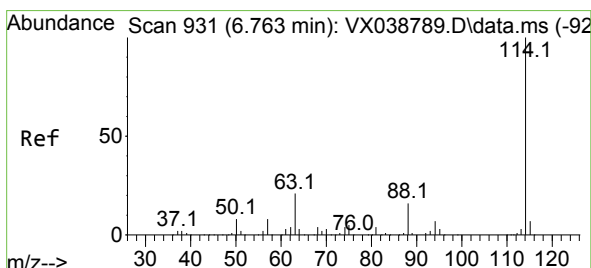
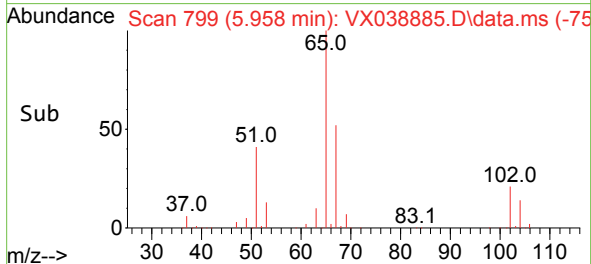
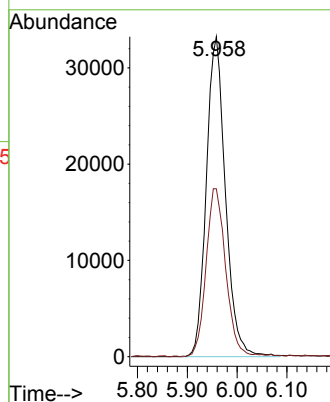
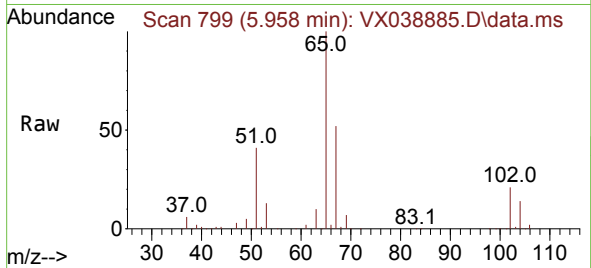




#33
 1,2-Dichloroethane-d4
 Concen: 47.561 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038885.D
 Acq: 17 Nov 2023 17:02

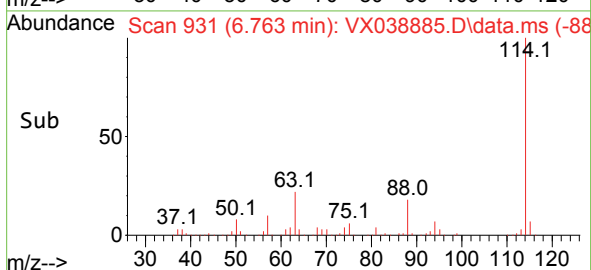
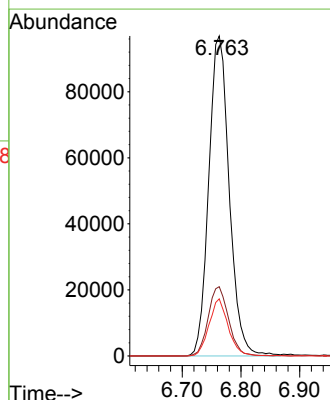
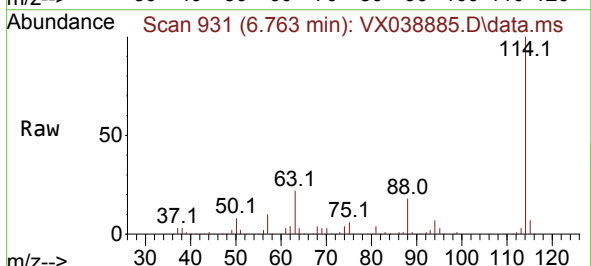
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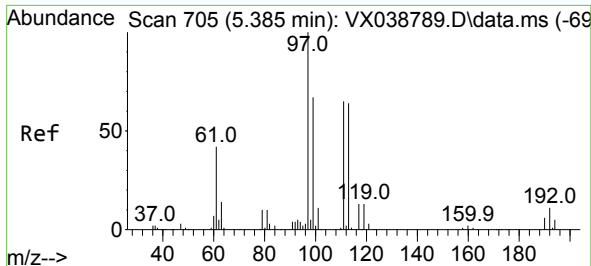
Tgt Ion: 65 Resp: 88383
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038885.D
 Acq: 17 Nov 2023 17:02

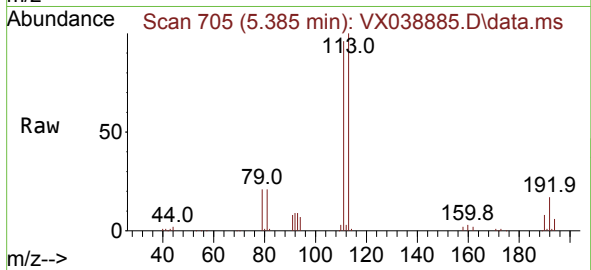
Tgt Ion: 114 Resp: 235162
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 17.8 0.0 36.6



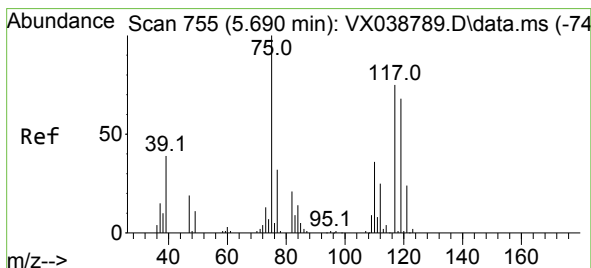
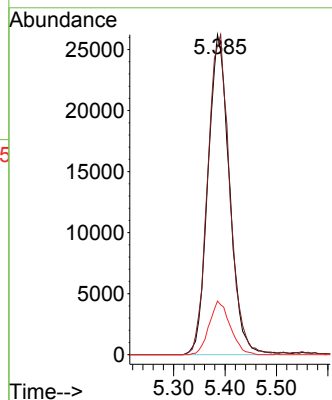
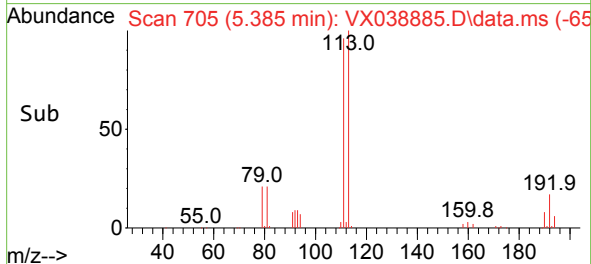


#35
Dibromofluoromethane
Concen: 44.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

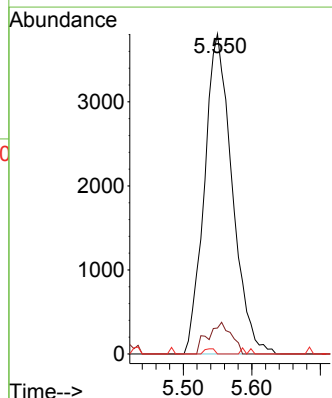
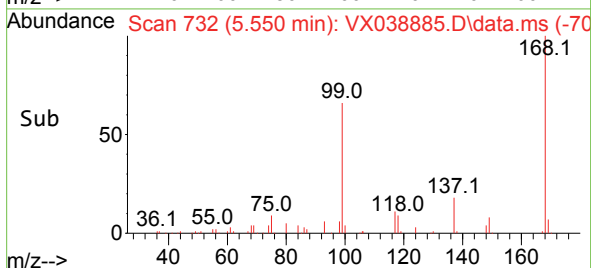
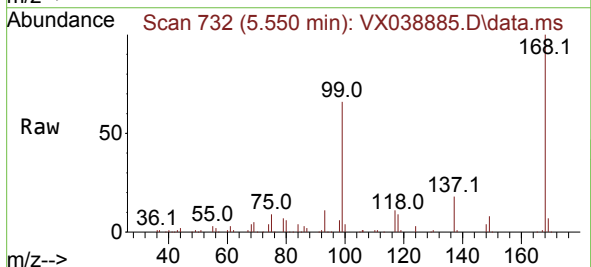


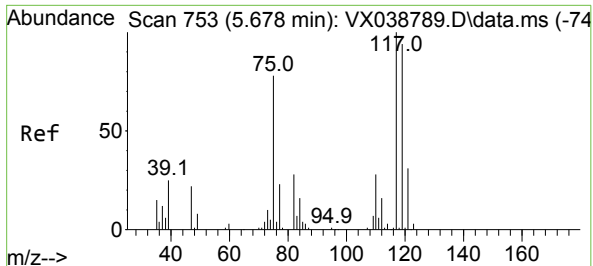
Tgt Ion:113 Resp: 75925
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

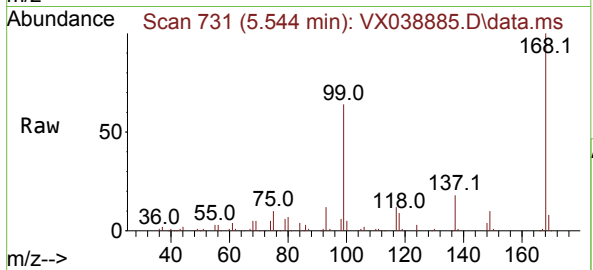
Tgt Ion: 75 Resp: 10709
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.6 24.7 37.1#



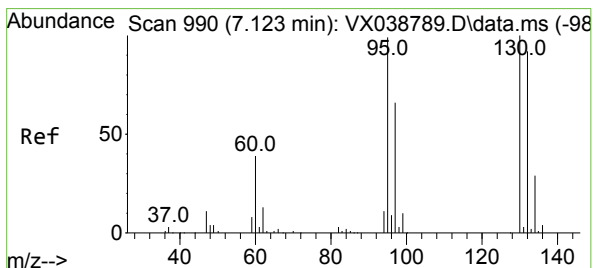
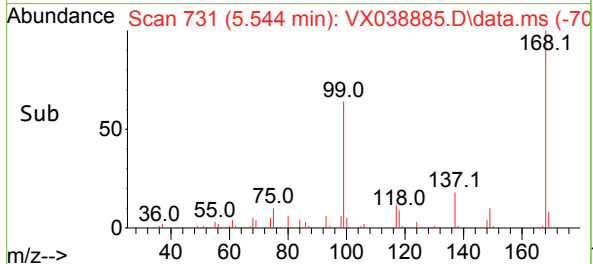
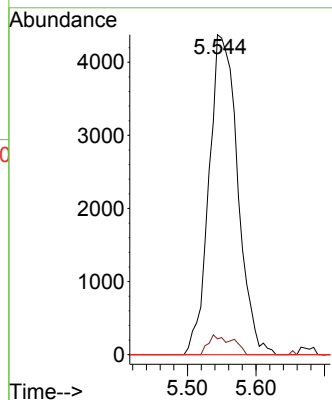


#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

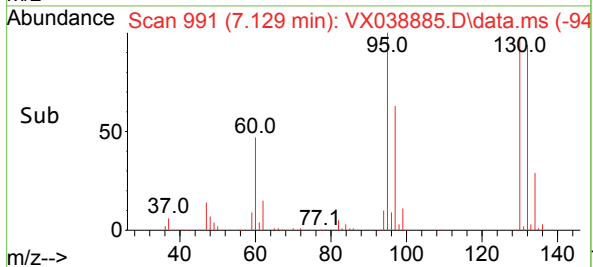
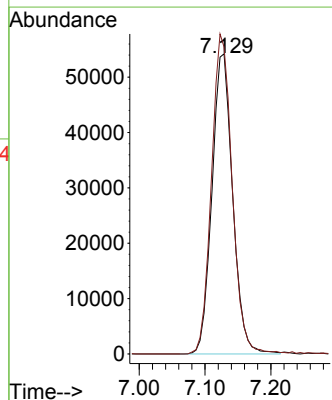
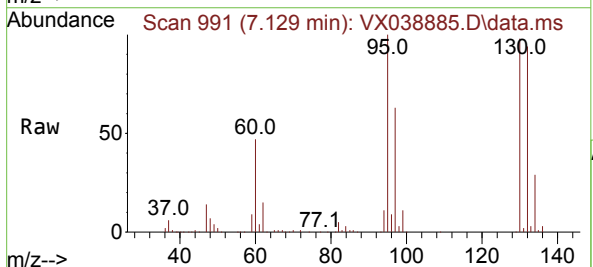


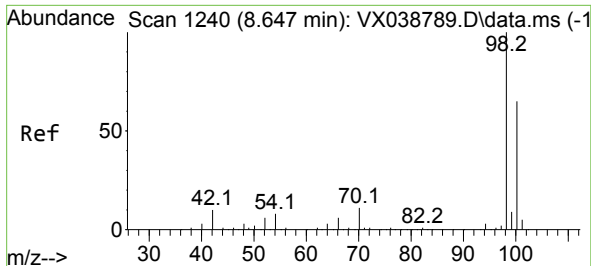
Tgt Ion:117 Resp: 12730
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 67.812 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion:130 Resp: 118837
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.4

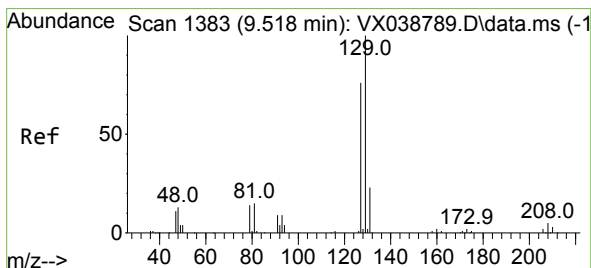
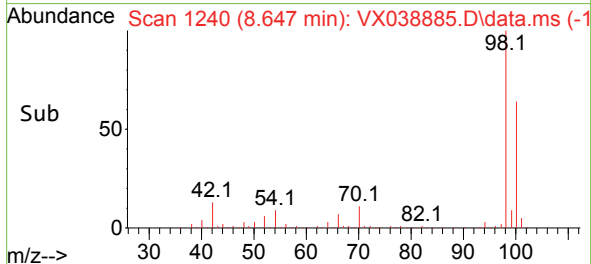
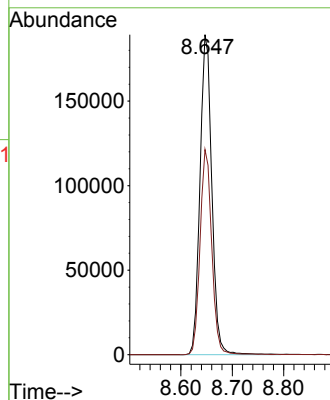
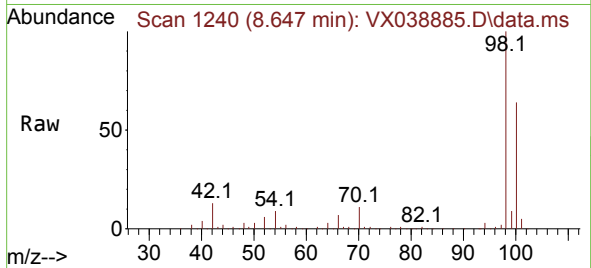




#50
Toluene-d8
Concen: 46.437 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

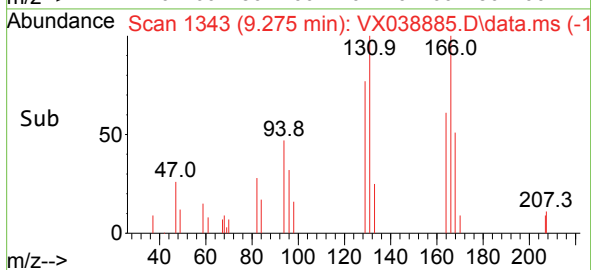
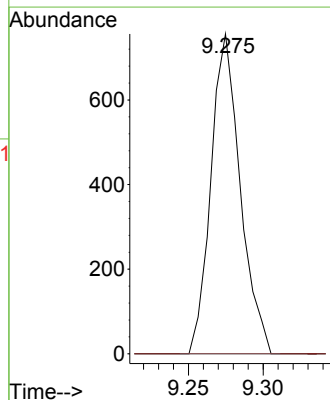
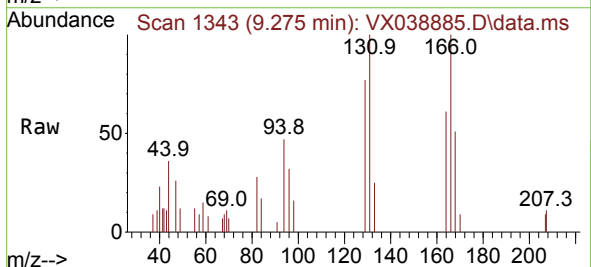
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

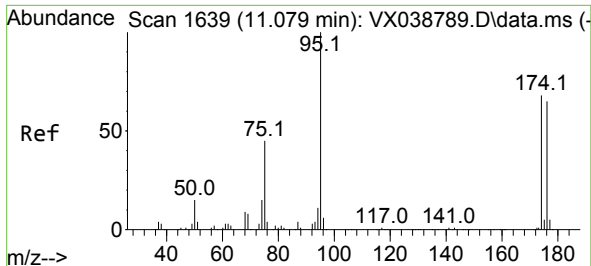
Tgt Ion: 98 Resp: 301757
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#60
Dibromochloromethane
Concen: 0.544 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion:129 Resp: 1031
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

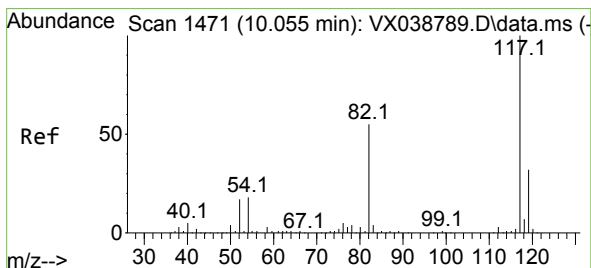
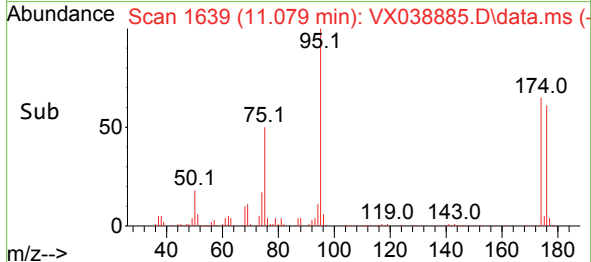
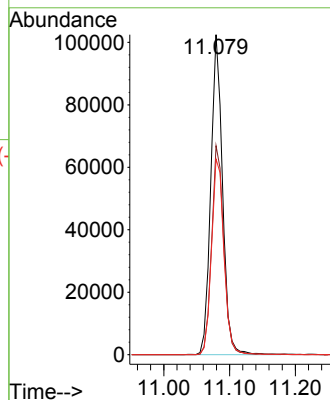
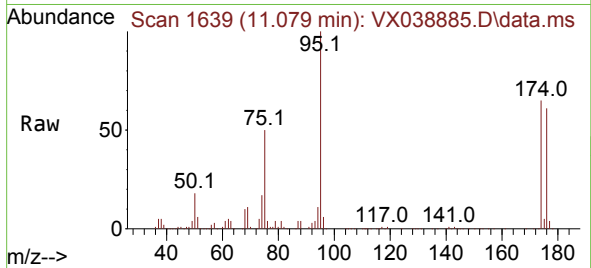




#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

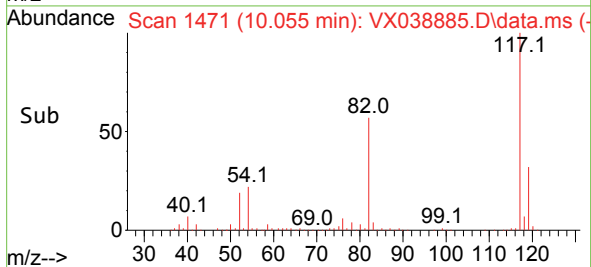
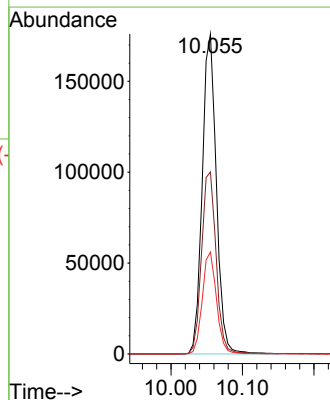
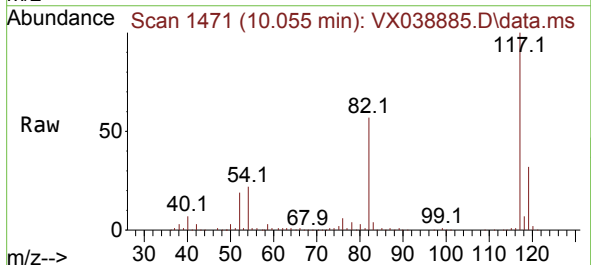
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

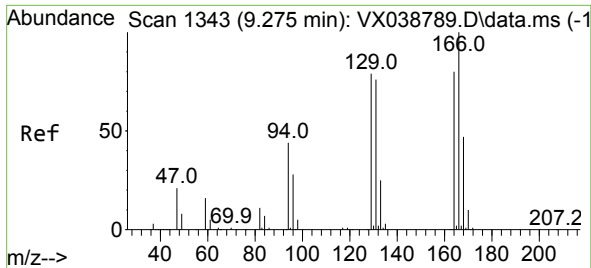
Tgt Ion: 95 Resp: 127358
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 64.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 117 Resp: 241343
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.9 25.5 38.3

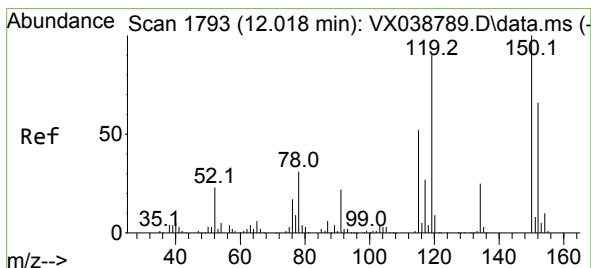
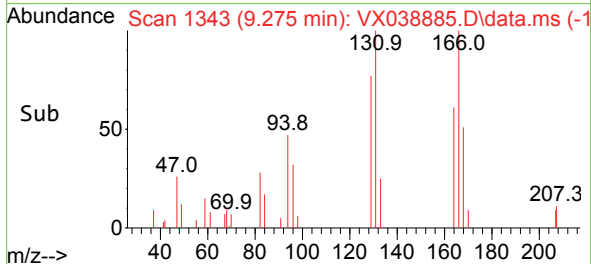
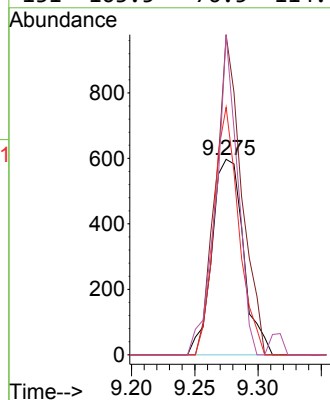
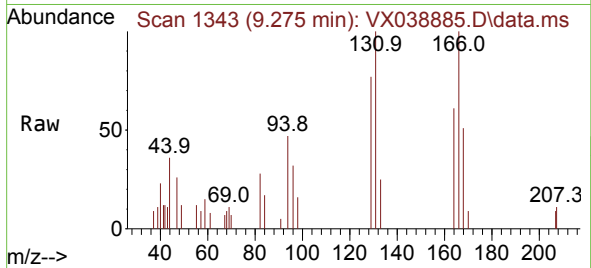




#64
Tetrachloroethene
Concen: 0.685 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

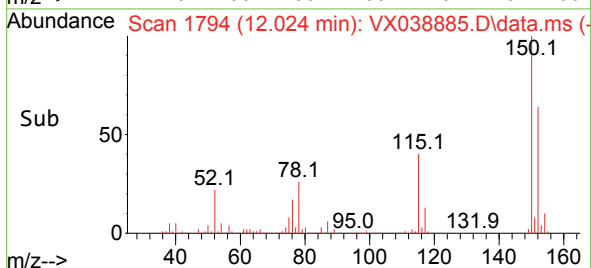
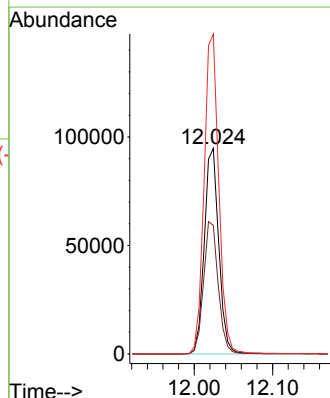
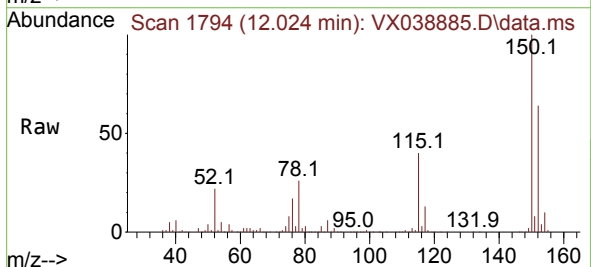
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

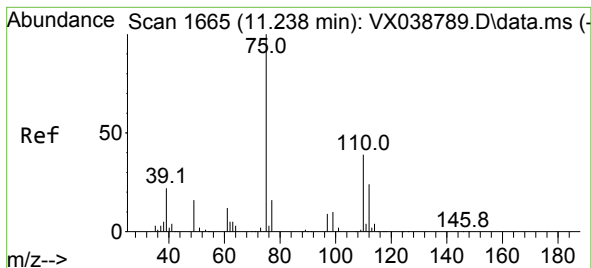
Tgt Ion:164 Resp: 1028
Ion Ratio Lower Upper
164 100
166 163.8 102.7 154.1#
129 126.6 80.4 120.6#
131 163.5 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion:152 Resp: 121618
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.489 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038885.D

Acq: 17 Nov 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

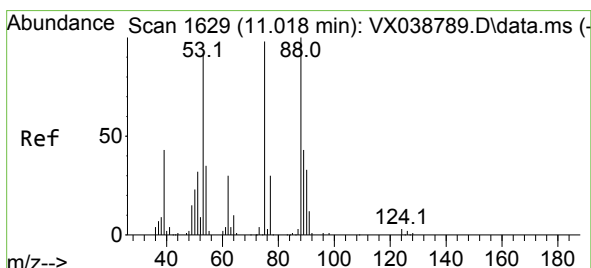
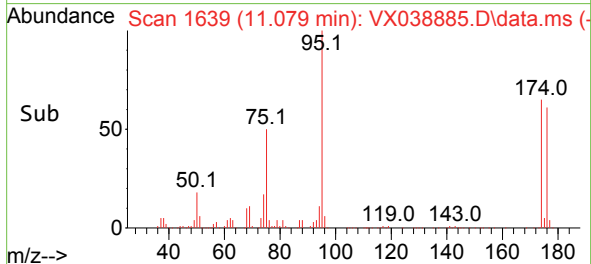
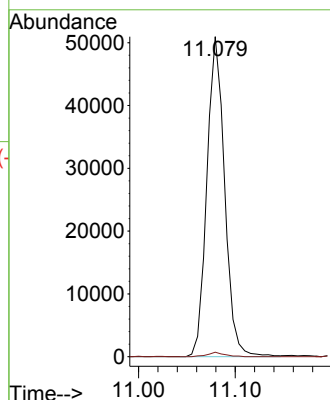
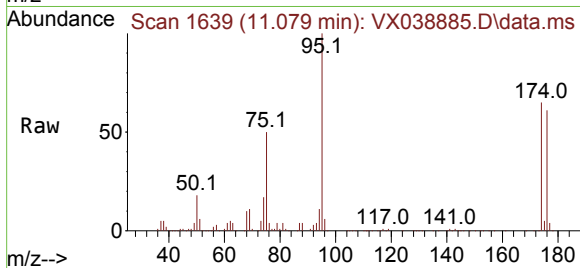
RE103D1-20231110

Tgt Ion: 75 Resp: 65204

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.664 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038885.D

Acq: 17 Nov 2023 17:02

Tgt Ion: 75 Resp: 65204

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#

