

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032882.D
 Acq On : 16 Nov 2022 20:38
 Operator : JC/MD
 Sample : N5650-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:45:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92045	47.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.260%
35) Dibromofluoromethane	5.391	113	77920	48.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	8.647	98	279248	49.691	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.079	95	110752	50.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%

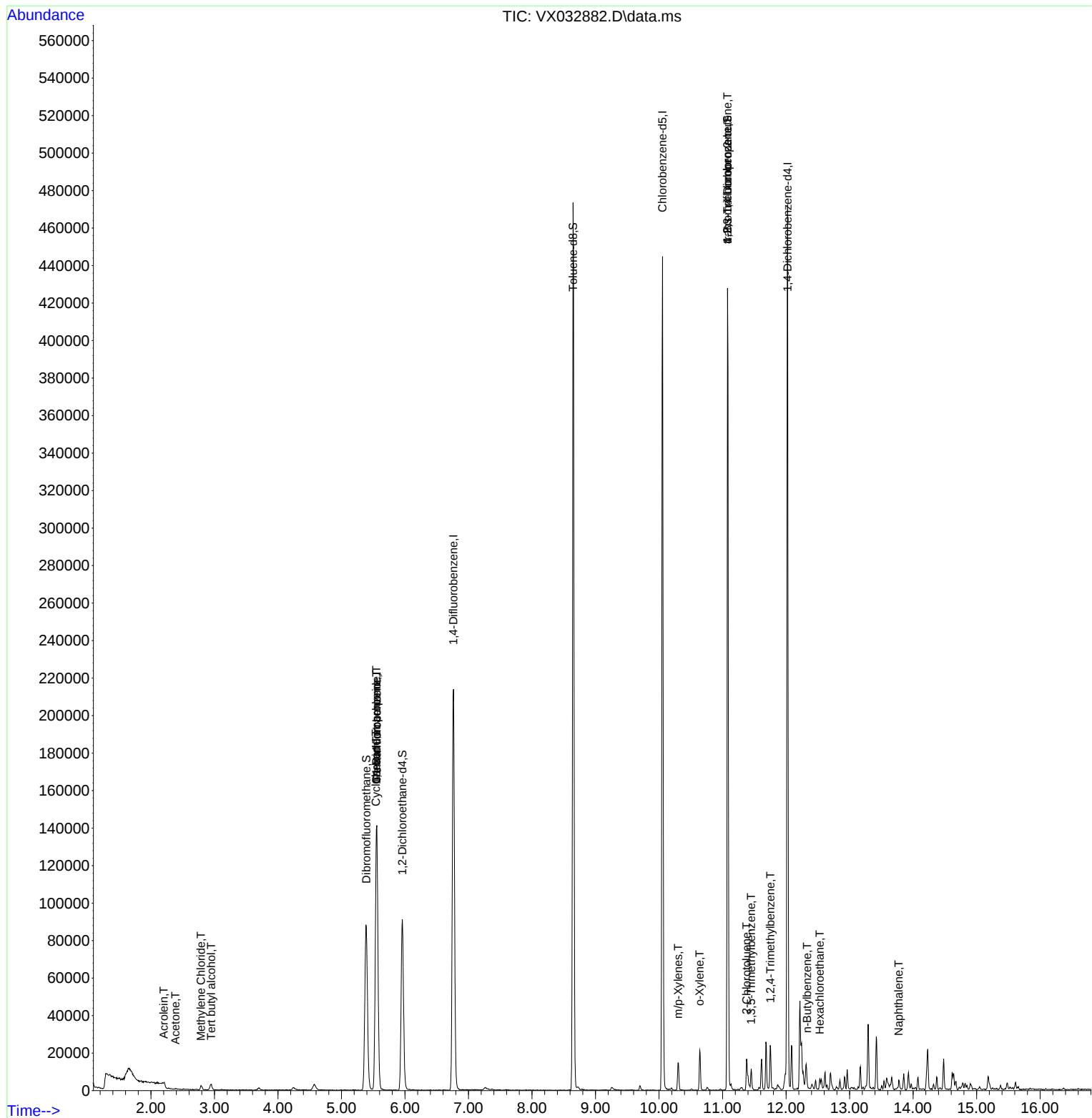
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.947	59	1870	6.649	ug/l #	76
13) Acrolein	2.203	56	349	1.243	ug/l #	1
16) Acetone	2.386	43	699	0.995	ug/l #	84
20) Methylene Chloride	2.788	84	1269	0.788	ug/l #	85
31) Cyclohexane	5.544	56	2813	1.201	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10061	4.470	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14026	5.619	ug/l #	16
68) m/p-Xylenes	10.299	106	3569	1.140	ug/l	93
69) o-Xylene	10.640	106	4494	1.476	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	57885	26.446	ug/l #	37
79) 2-Chlorotoluene	11.378	91	1560	0.290	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	4834	0.725	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	57885	84.152	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	10734	1.620	ug/l	96
89) n-Butylbenzene	12.329	91	1444	0.244	ug/l #	16
90) Hexachloroethane	12.530	117	239	0.215	ug/l #	12
95) Naphthalene	13.774	128	3380	0.438	ug/l	98

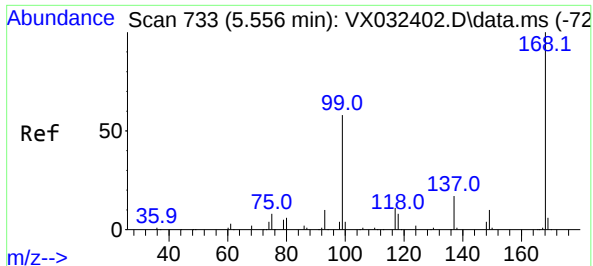
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

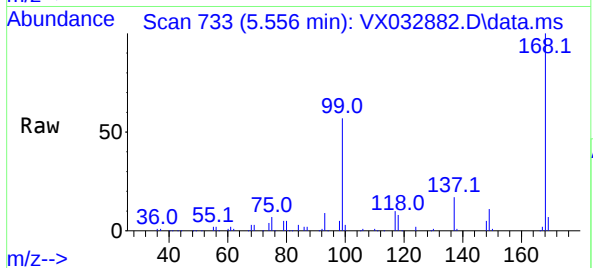
Quant Time: Nov 17 05:45:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



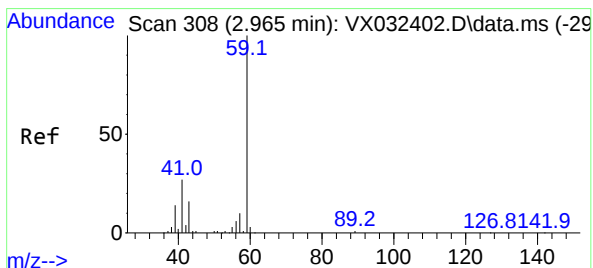
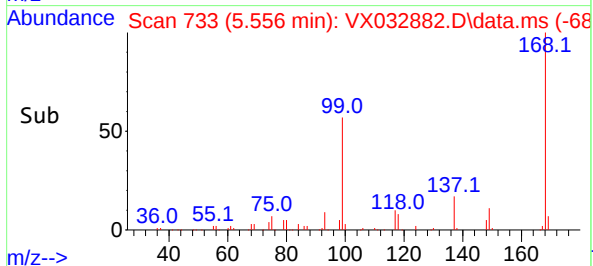
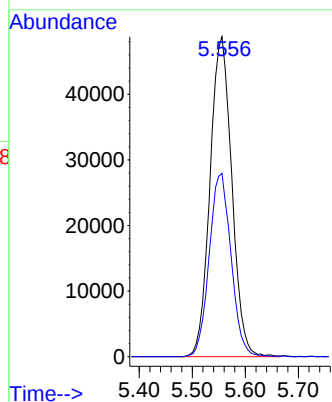


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :

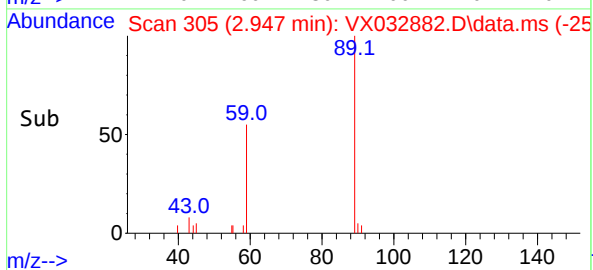
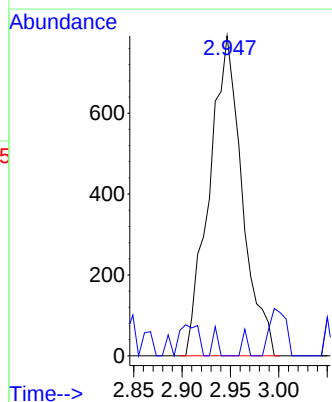
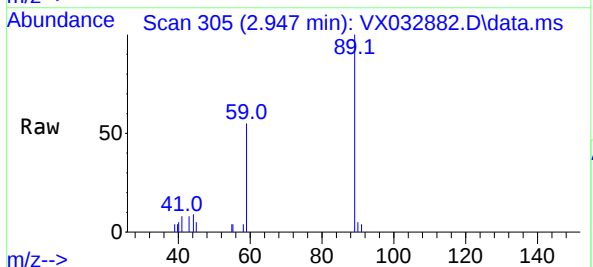


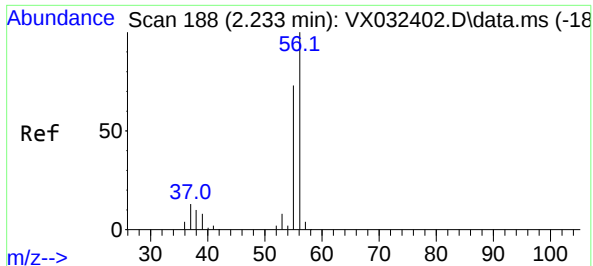
Tgt Ion:168 Resp: 139075
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.649 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Tgt Ion: 59 Resp: 1870
Ion Ratio Lower Upper
59 100
57 1.4 8.2 12.4#

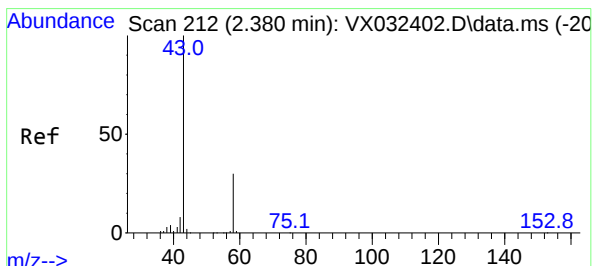
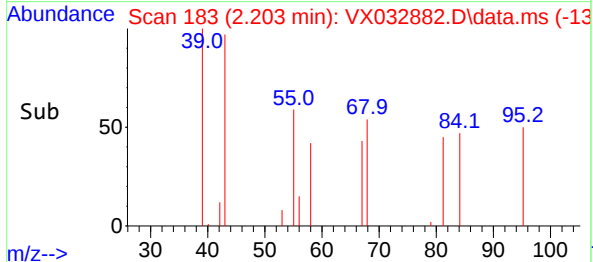
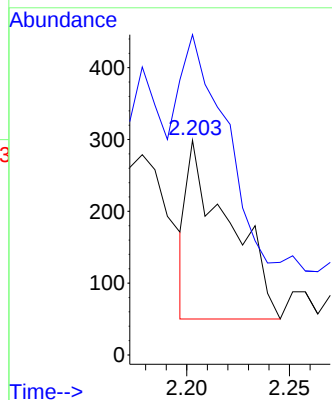
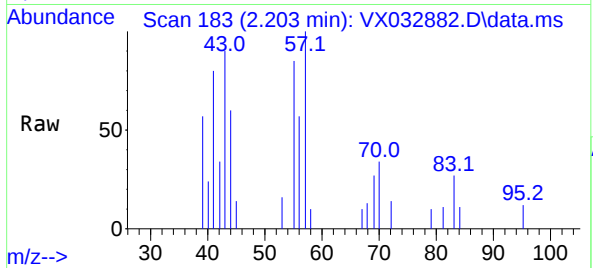




#13
Acrolein
Concen: 1.243 ug/l
RT: 2.203 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

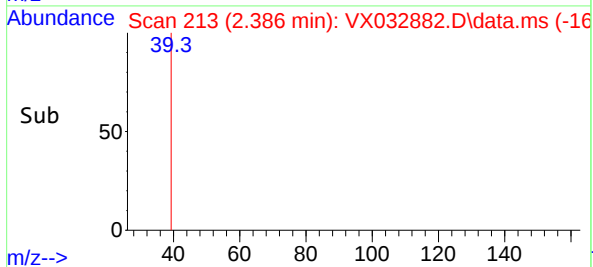
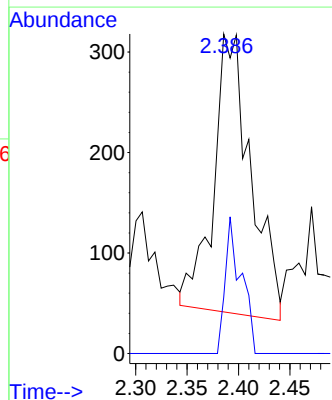
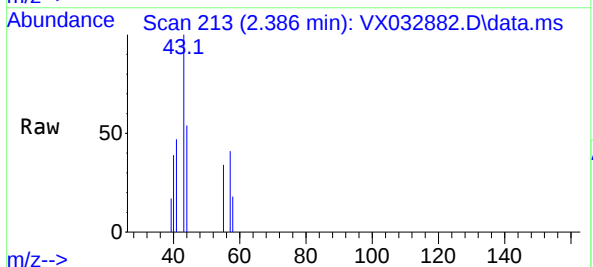
Instrument :
MSVOA_X
ClientSampleId :

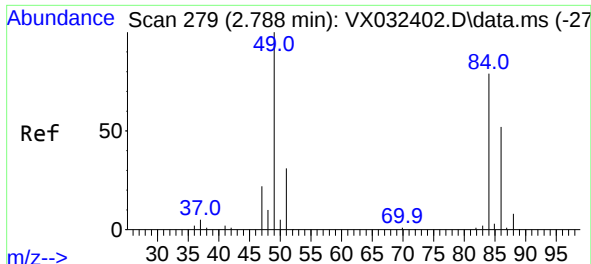
Tgt Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
55 154.4 56.9 85.3#



#16
Acetone
Concen: 0.995 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

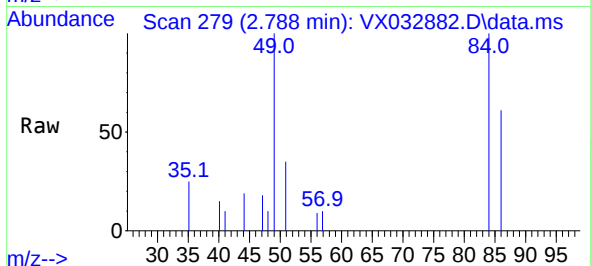
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 21.0 23.8 35.8#





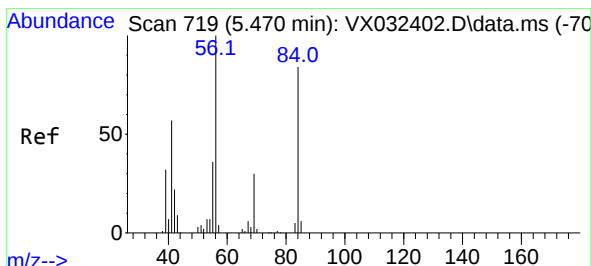
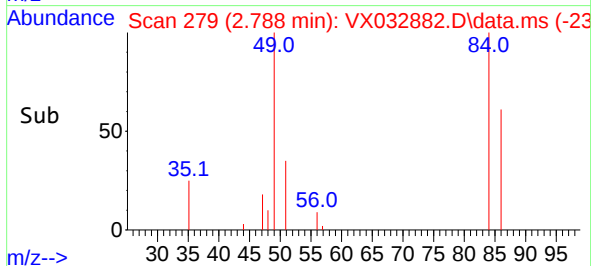
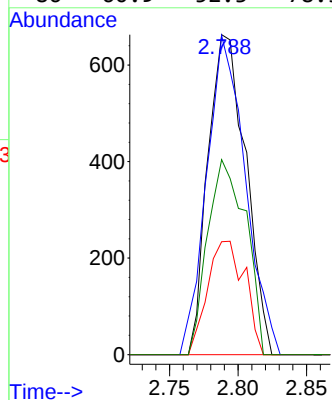
#20
Methylene Chloride
Concen: 0.788 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1269

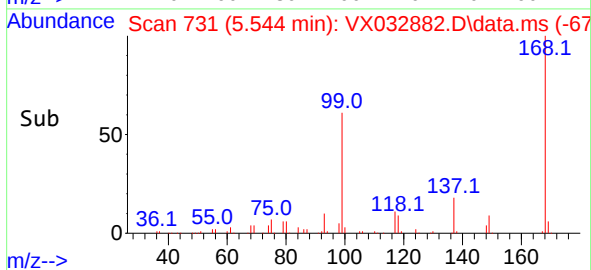
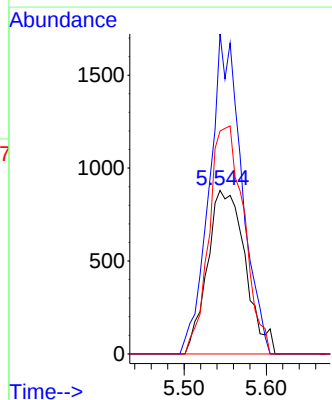
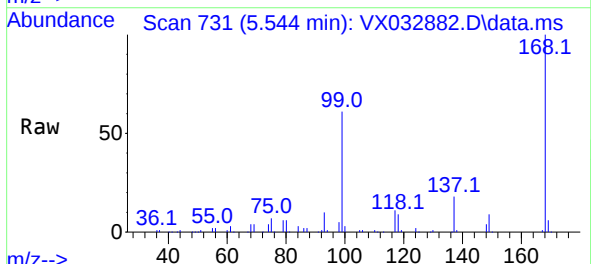
Ion	Ratio	Lower	Upper
84	100		
49	99.7	101.0	151.6#
51	35.3	31.1	46.7
86	60.9	52.3	78.5

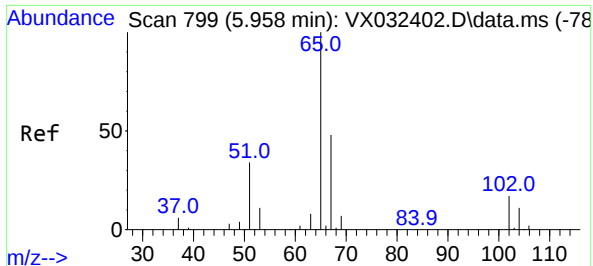


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Tgt Ion: 56 Resp: 2813

Ion	Ratio	Lower	Upper
56	100		
69	195.7	24.1	36.1#
84	136.3	66.9	100.3#

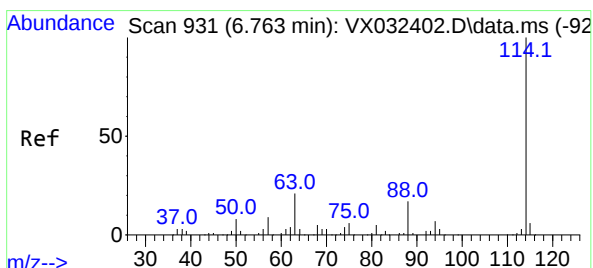
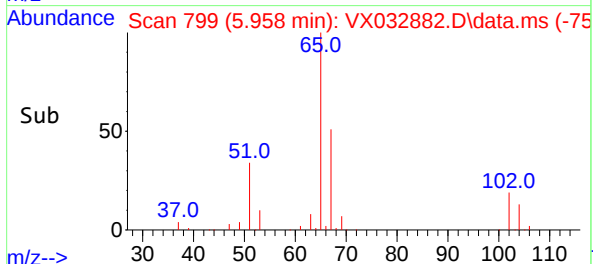
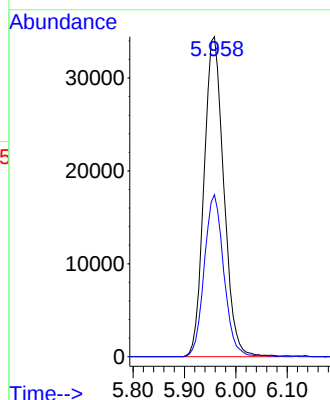
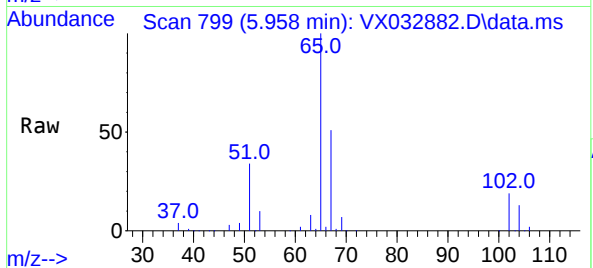




#33
1,2-Dichloroethane-d4
Concen: 47.632 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

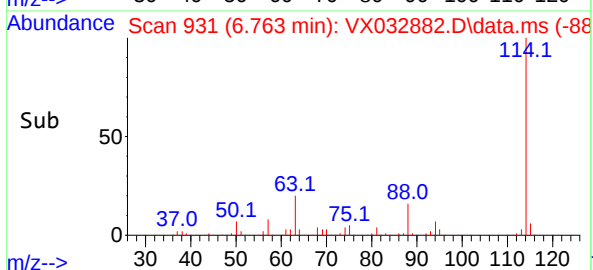
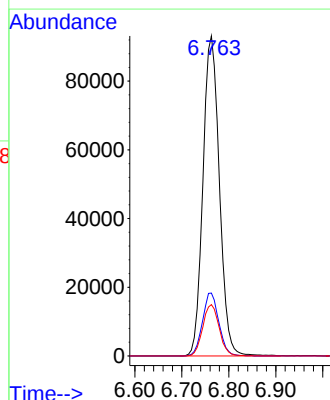
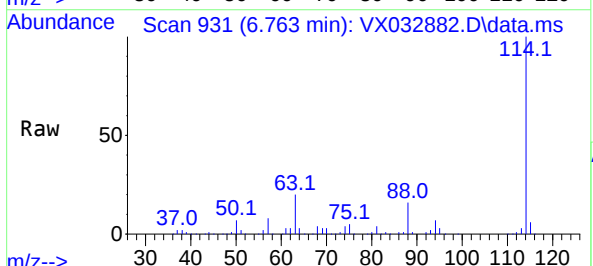
Instrument :
MSVOA_X
ClientSampleId :

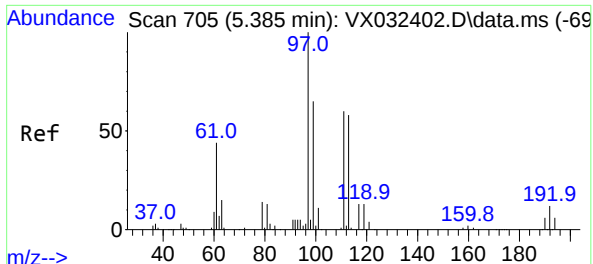
Tgt Ion: 65 Resp: 92045
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

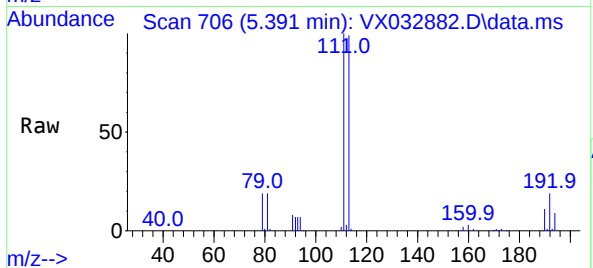
Tgt Ion: 114 Resp: 226571
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.0 0.0 33.4



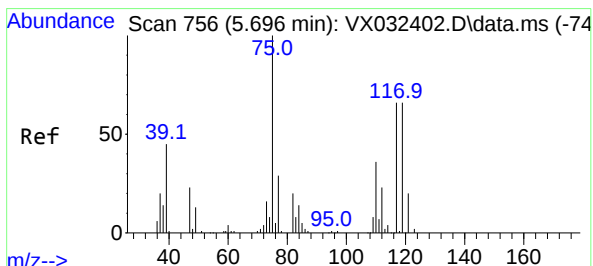
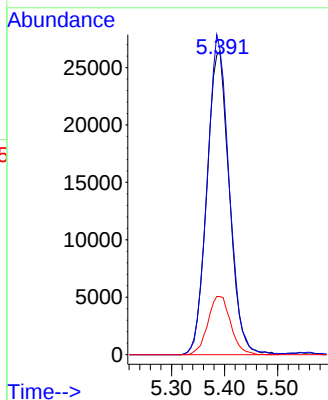
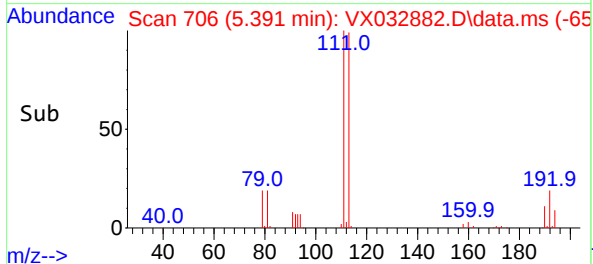


#35
Dibromofluoromethane
Concen: 48.213 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :

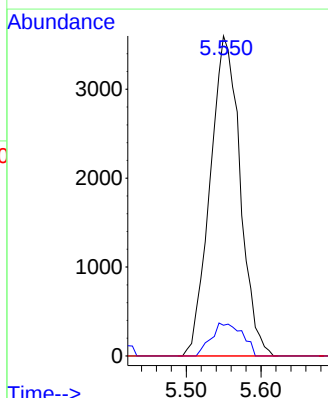
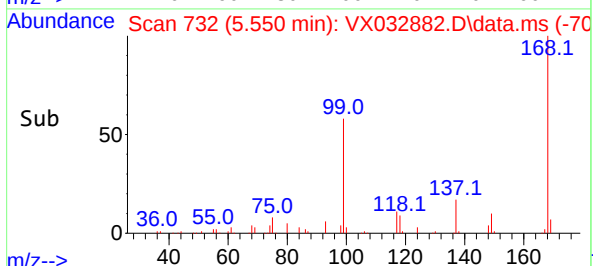
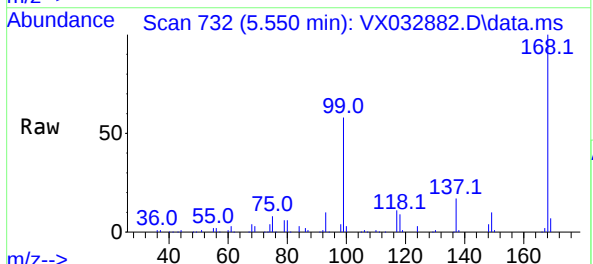


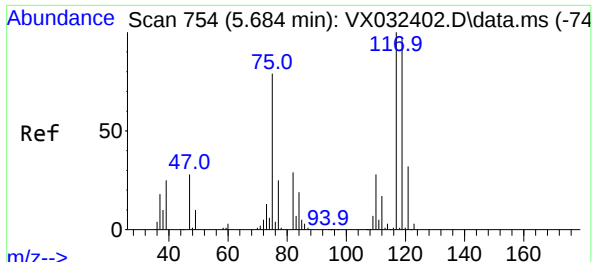
Tgt Ion:113 Resp: 77920
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.470 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

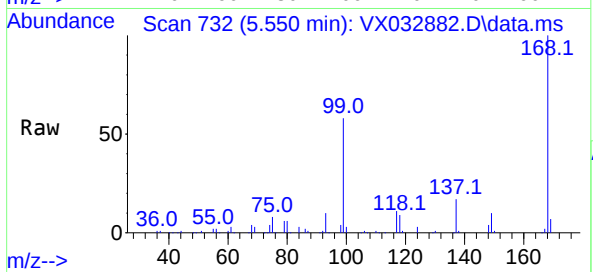
Tgt Ion: 75 Resp: 10061
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



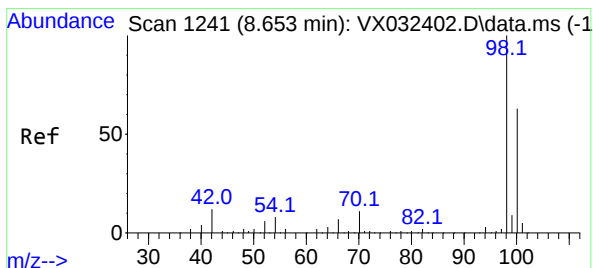
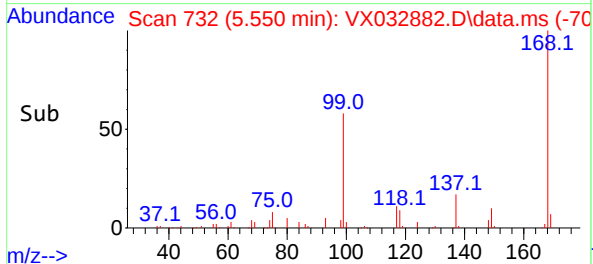
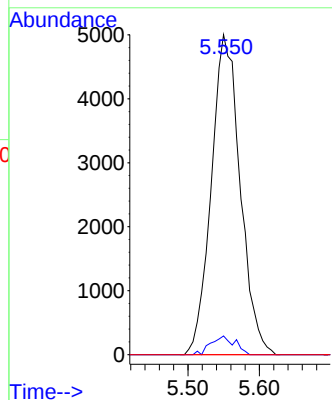


#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :

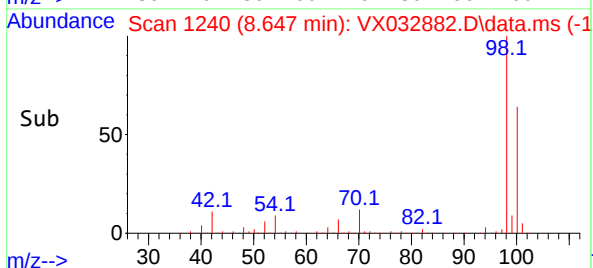
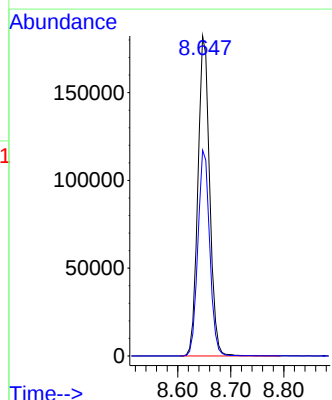
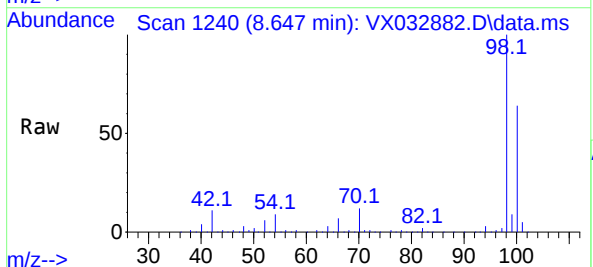


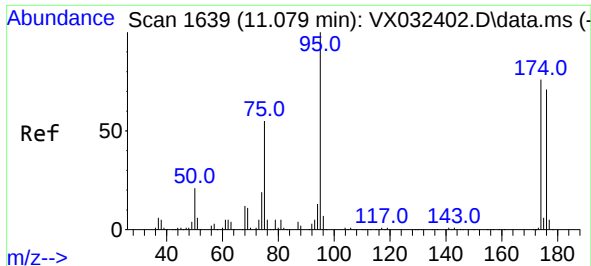
Tgt Ion:117 Resp: 14026
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Tgt Ion: 98 Resp: 279248
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

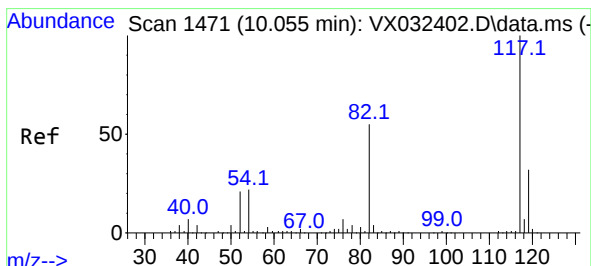
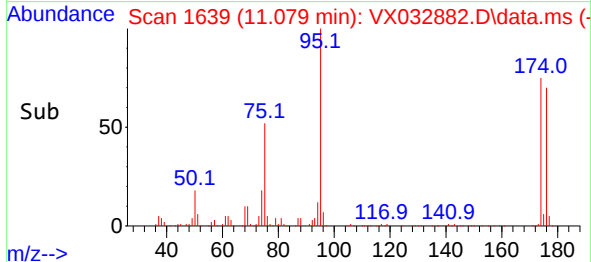
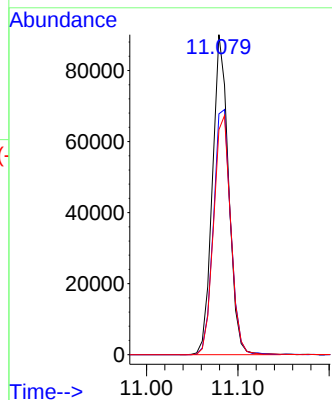
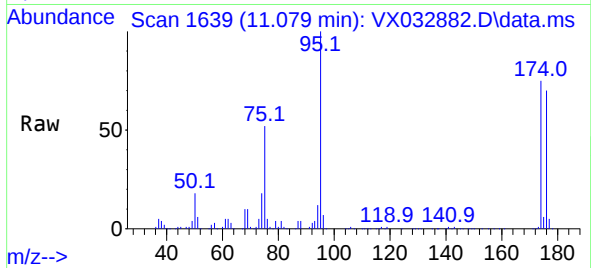




#62
4-Bromofluorobenzene
Concen: 50.452 ug/l
RT: 11.079 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

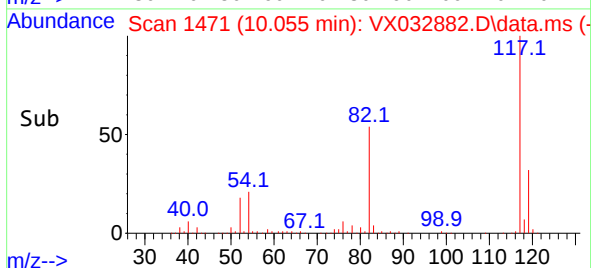
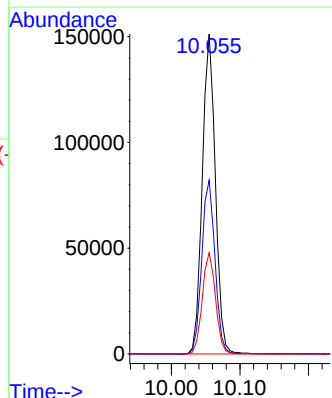
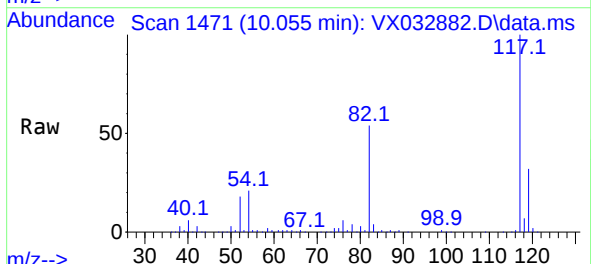
Instrument :
MSVOA_X
ClientSampleId :

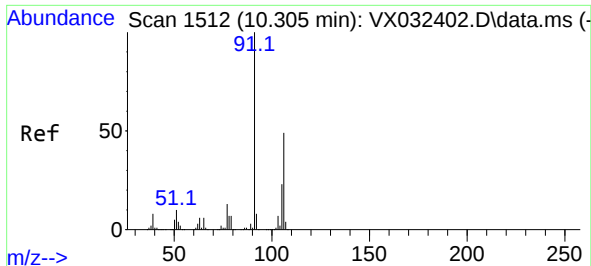
Tgt Ion: 95 Resp: 110752
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Tgt Ion: 117 Resp: 201300
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 31.6 25.7 38.5

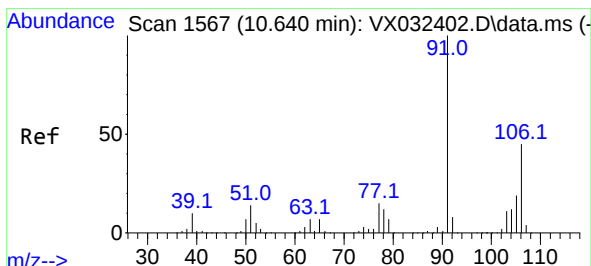
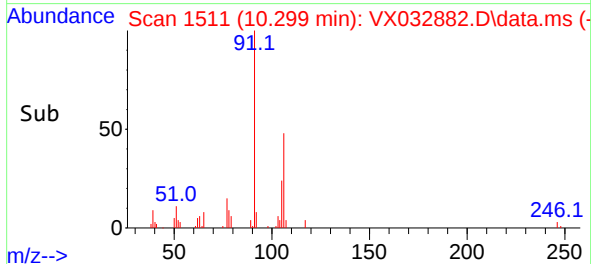
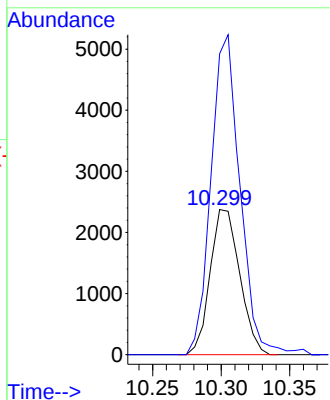
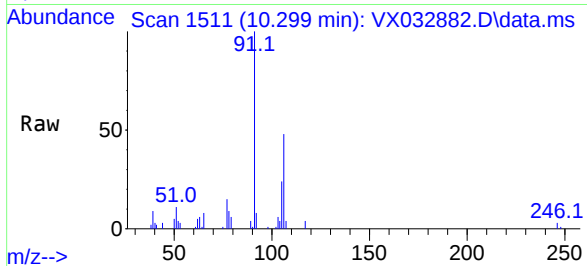




#68
m/p-Xylenes
Concen: 1.140 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

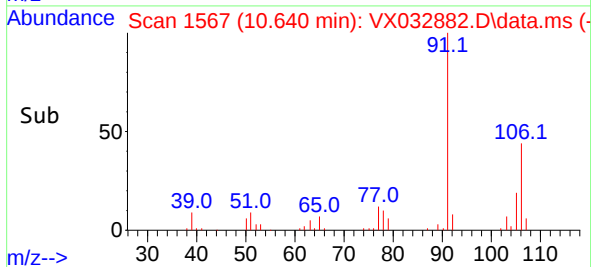
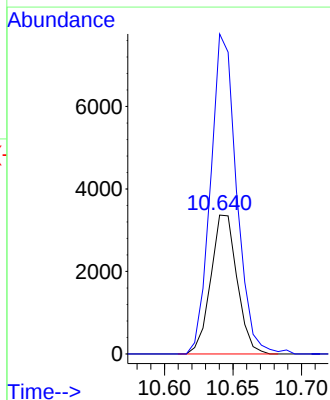
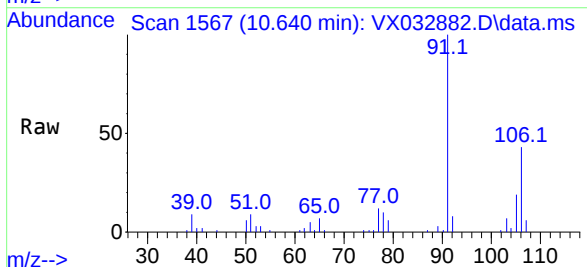
Instrument :
MSVOA_X
ClientSampleId :

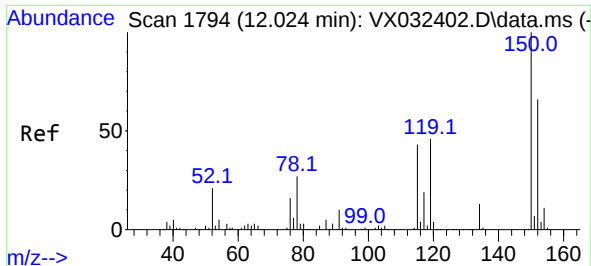
Tgt Ion:106 Resp: 3569
Ion Ratio Lower Upper
106 100
91 216.3 164.5 246.7



#69
o-Xylene
Concen: 1.476 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

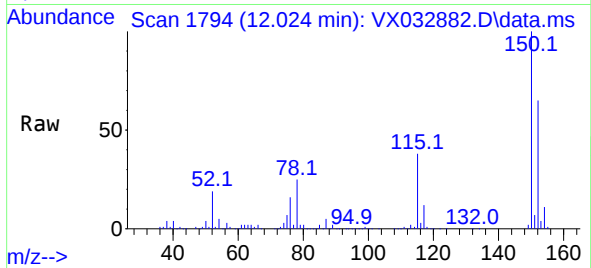
Tgt Ion:106 Resp: 4494
Ion Ratio Lower Upper
106 100
91 228.1 109.2 327.6



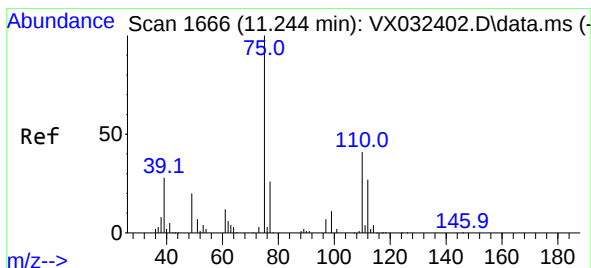
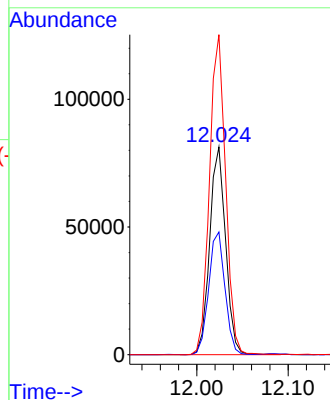
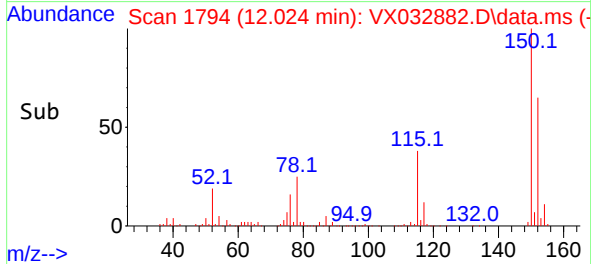


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032882.D
 Acq: 16 Nov 2022 20:38

Instrument :
 MSVOA_X
 ClientSampleId :

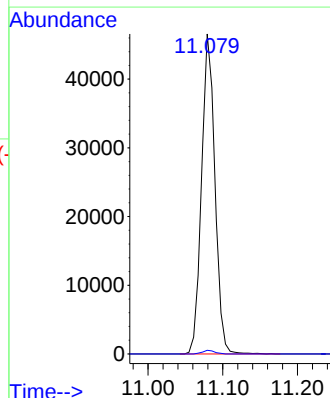
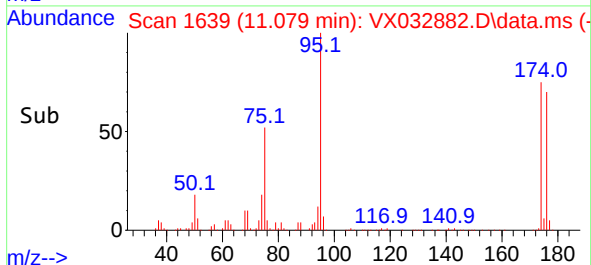
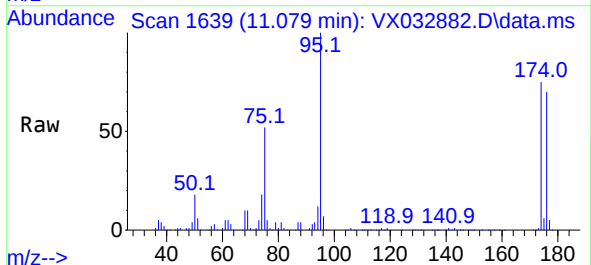


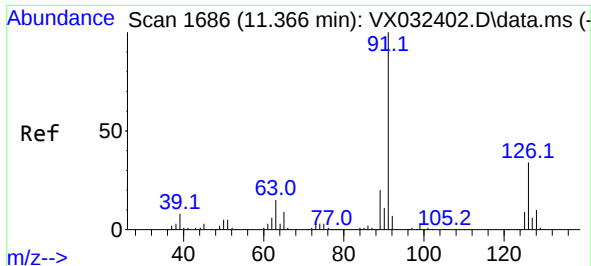
Tgt Ion:152 Resp: 98384
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.0 132.0
 150 156.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.446 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032882.D
 Acq: 16 Nov 2022 20:38

Tgt Ion: 75 Resp: 57885
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#79

2-Chlorotoluene

Concen: 0.290 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX032882.D

Acq: 16 Nov 2022 20:38

Instrument :

MSVOA_X

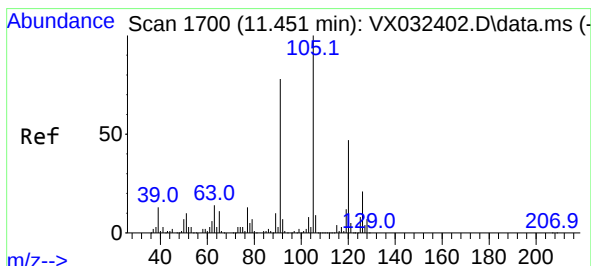
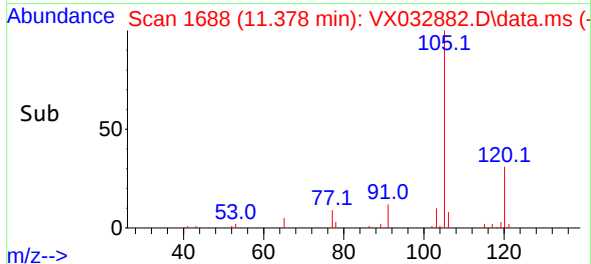
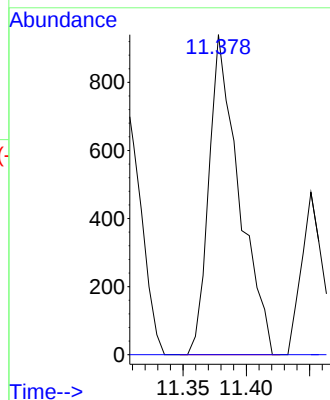
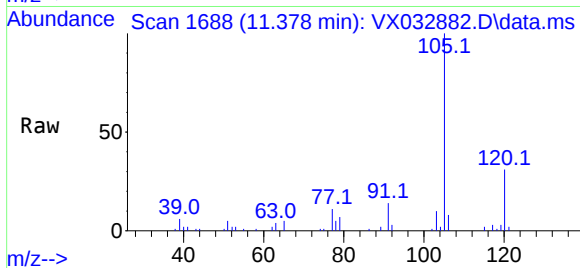
ClientSampleId :

Tgt Ion: 91 Resp: 1560

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#



#80

1,3,5-Trimethylbenzene

Concen: 0.725 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX032882.D

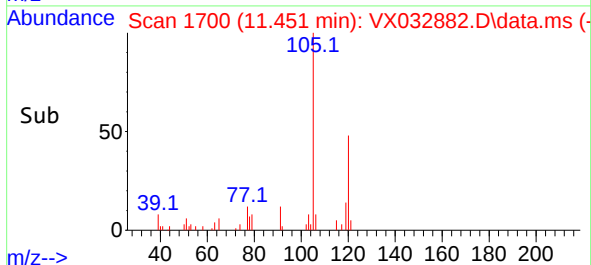
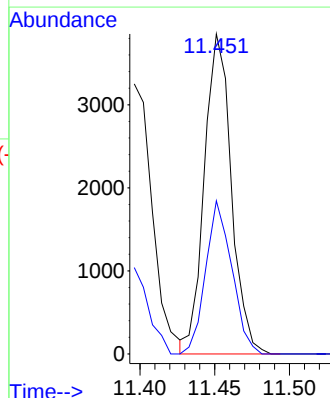
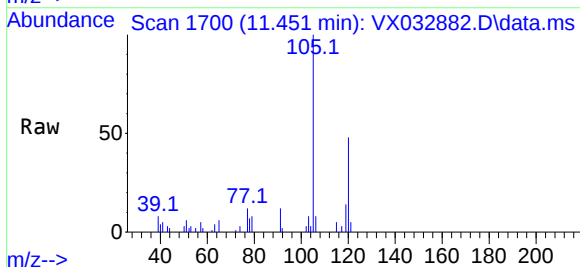
Acq: 16 Nov 2022 20:38

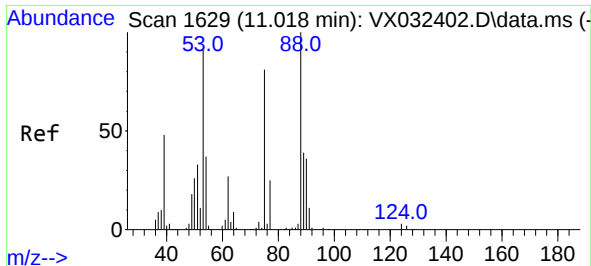
Tgt Ion: 105 Resp: 4834

Ion Ratio Lower Upper

105 100

120 46.4 23.6 71.0

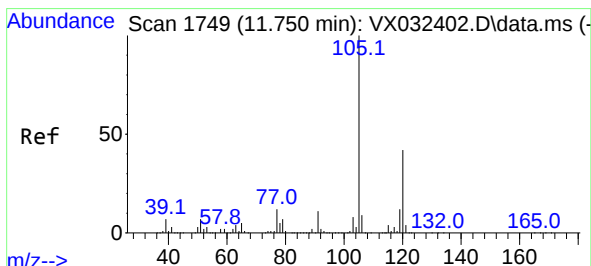
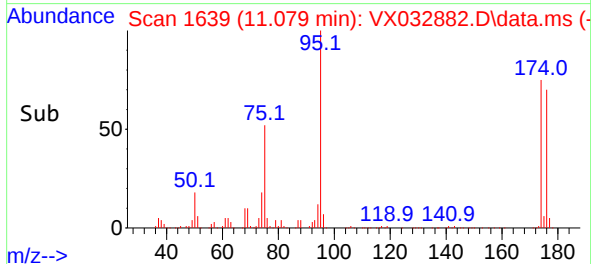
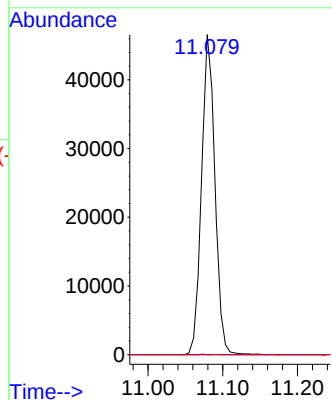
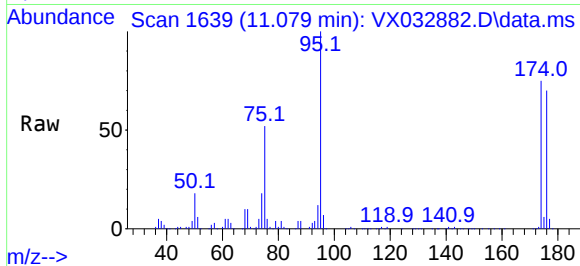




#81
trans-1,4-Dichloro-2-butene
Concen: 84.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

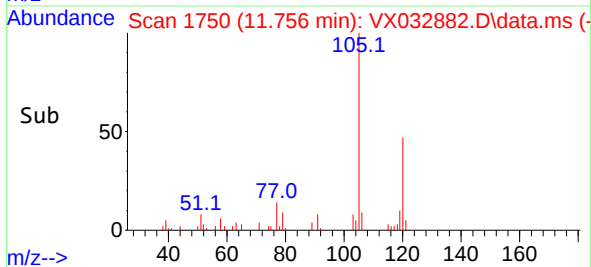
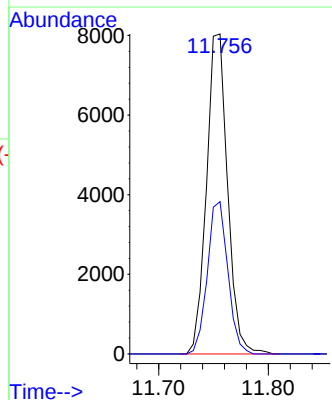
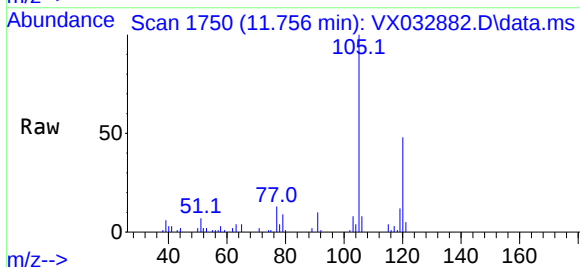
Instrument :
MSVOA_X
ClientSampleId :

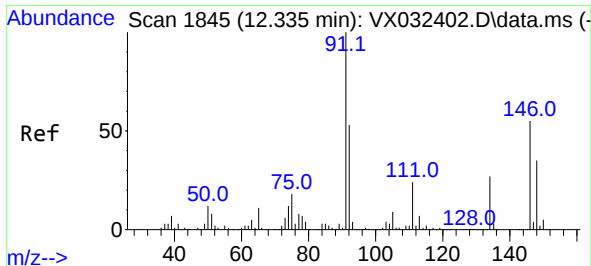
Tgt Ion: 75 Resp: 57885
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.620 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

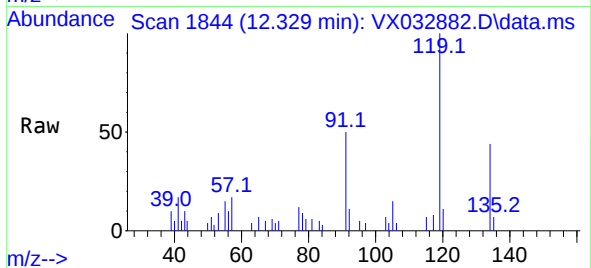
Tgt Ion: 105 Resp: 10734
Ion Ratio Lower Upper
105 100
120 46.3 21.9 65.5



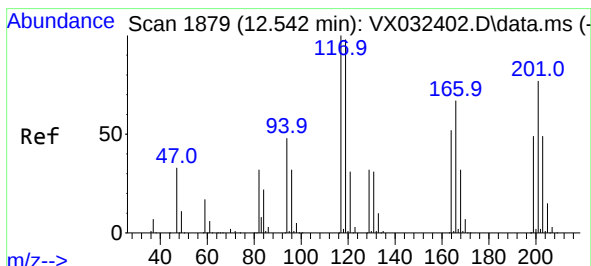
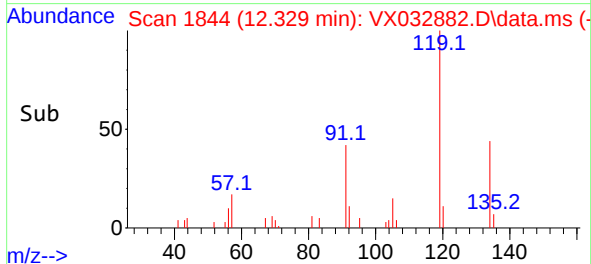
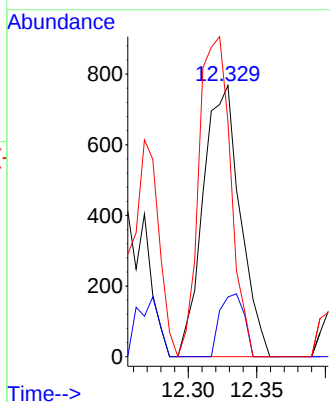


#89
n-Butylbenzene
Concen: 0.244 ug/l
RT: 12.329 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :

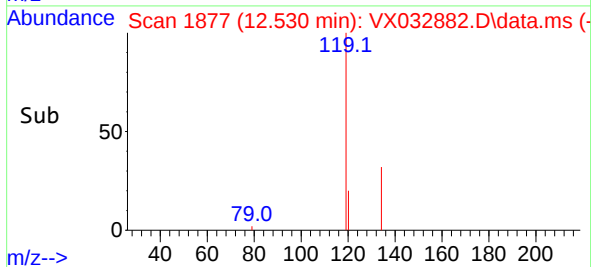
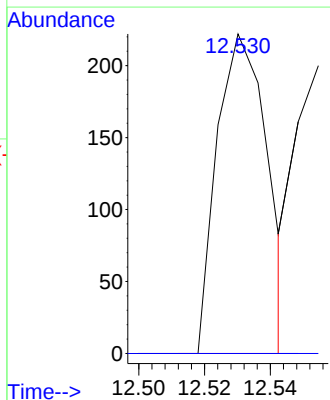
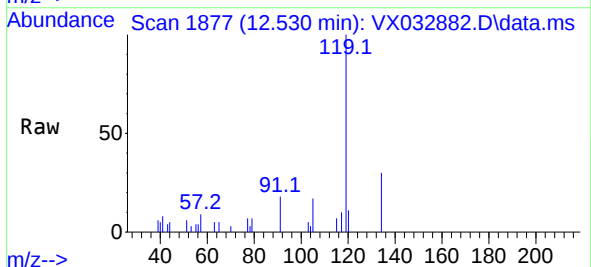


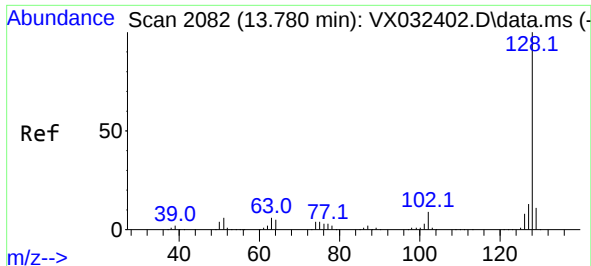
Tgt Ion: 91 Resp: 1444
Ion Ratio Lower Upper
91 100
92 15.1 26.2 78.6#
134 100.9 12.9 38.6#



#90
Hexachloroethane
Concen: 0.215 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

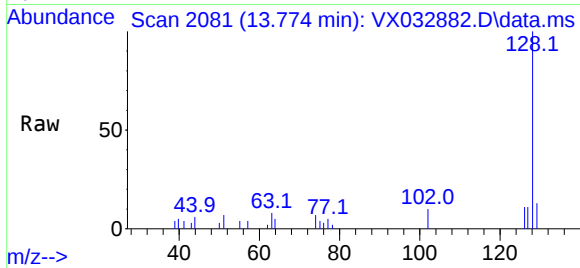
Tgt Ion: 117 Resp: 239
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#





#95
Naphthalene
Concen: 0.438 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX032882.D
Acq: 16 Nov 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	3380
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.7	8.9	13.3

