

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030132.D
 Acq On : 20 Jul 2022 14:32
 Operator : JC/MD
 Sample : VX0721WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

Quant Time: Jul 21 03:30:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

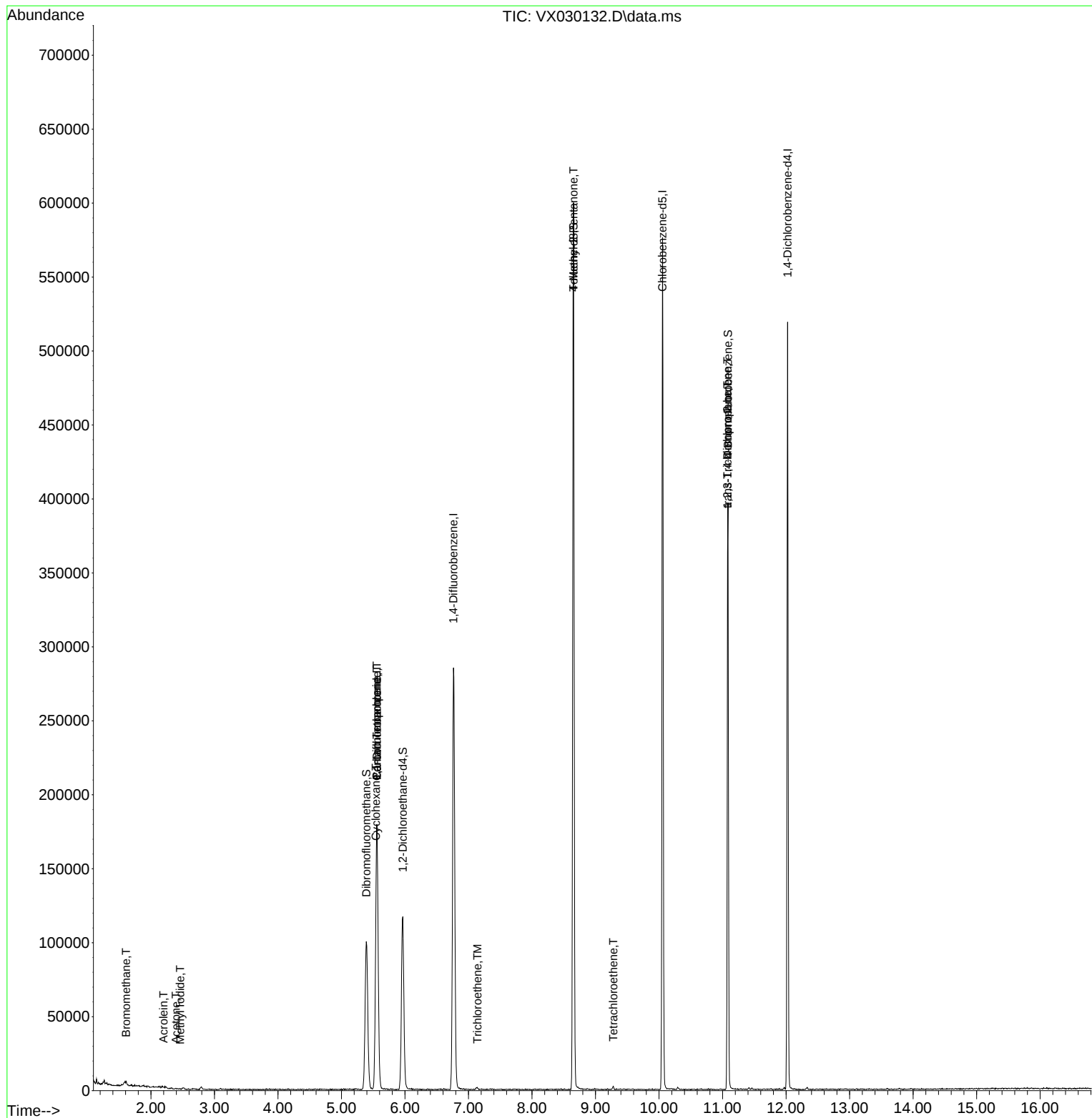
Internal Standards						
1) Pentafluorobenzene	5.556	168	166653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108713	53.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
35) Dibromofluoromethane	5.391	113	91409	47.659	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.320%	
50) Toluene-d8	8.653	98	347303	48.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	11.085	95	107642	43.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	157	Below Cal		82
5) Bromomethane	1.605	94	265	0.323	ug/l	86
10) Methyl Iodide	2.459	142	441	2.659	ug/l #	72
13) Acrolein	2.197	56	46	0.441	ug/l	85
16) Acetone	2.392	43	547	0.572	ug/l	95
17) Carbon Disulfide	2.508	76	1062	Below Cal	#	74
20) Methylene Chloride	2.794	84	586	Below Cal	#	84
31) Cyclohexane	5.544	56	3930	1.336	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	13300	5.369	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17656	7.642	ug/l #	17
44) Trichloroethene	7.141	130	695	0.305	ug/l	43
51) 4-Methyl-2-Pentanone	8.653	43	1644	0.519	ug/l #	1
64) Tetrachloroethene	9.281	164	454	0.223	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	53933	22.746	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53933	65.645	ug/l #	13

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

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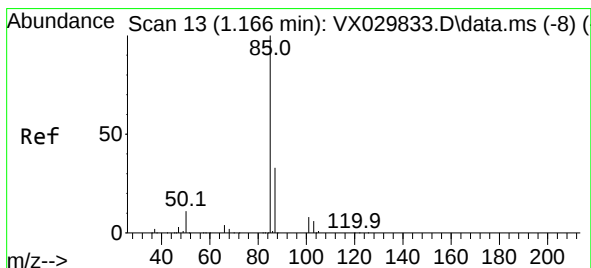
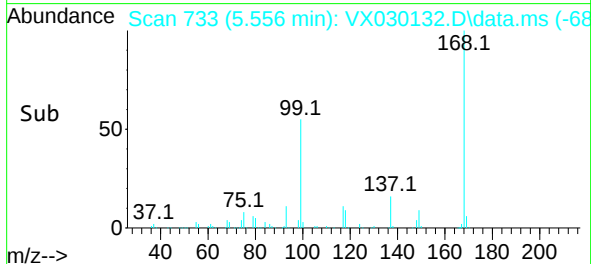
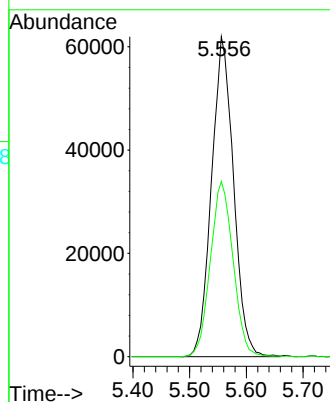
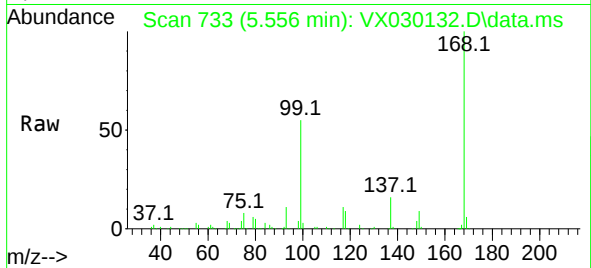




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

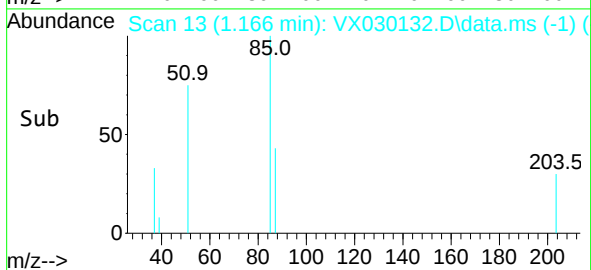
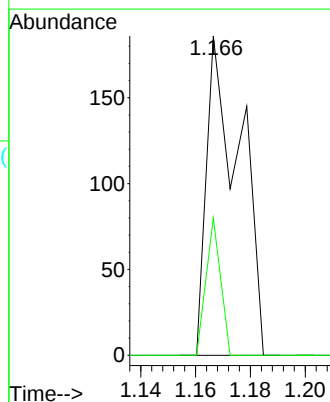
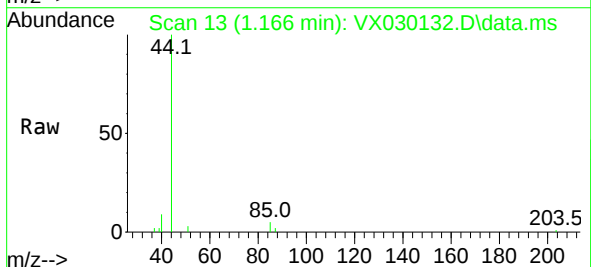
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

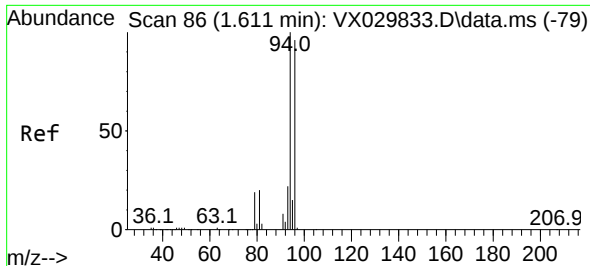
Tgt Ion:168 Resp: 166653
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 85 Resp: 157
Ion Ratio Lower Upper
85 100
87 43.0 16.5 49.5

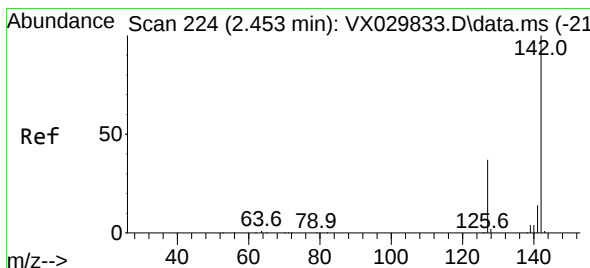
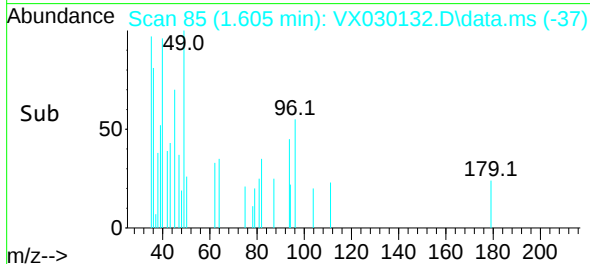
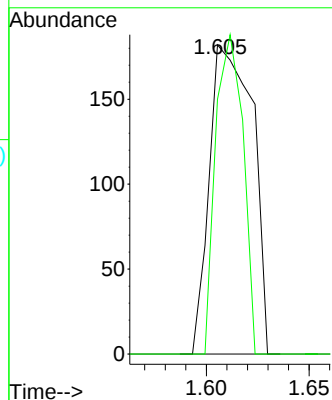
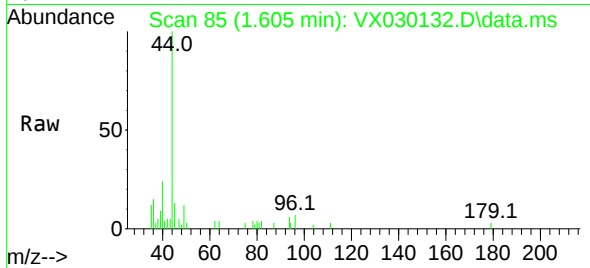




#5
Bromomethane
Concen: 0.323 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

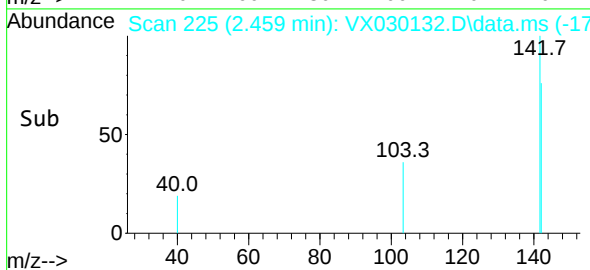
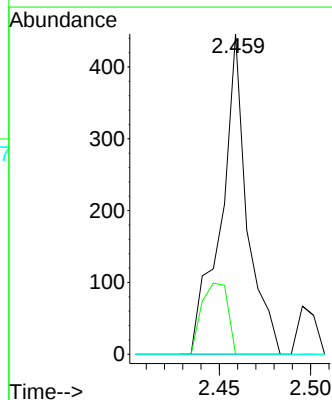
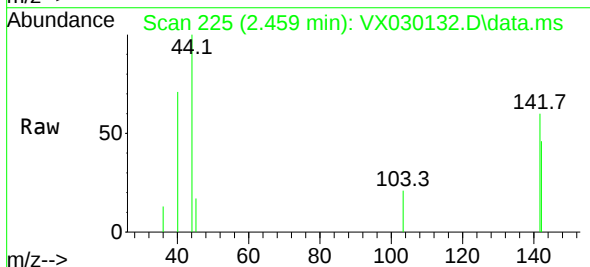
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

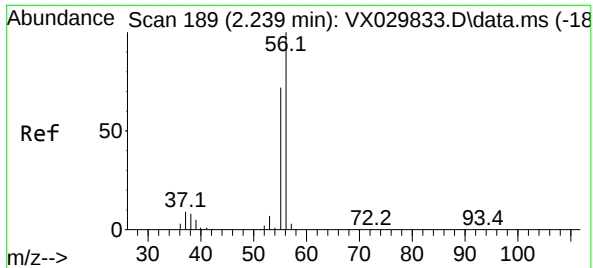
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 82.4 76.9 115.3



#10
Methyl Iodide
Concen: 2.659 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 142 Resp: 441
Ion Ratio Lower Upper
142 100
127 22.2 30.2 45.2#
141 0.0 11.3 16.9#

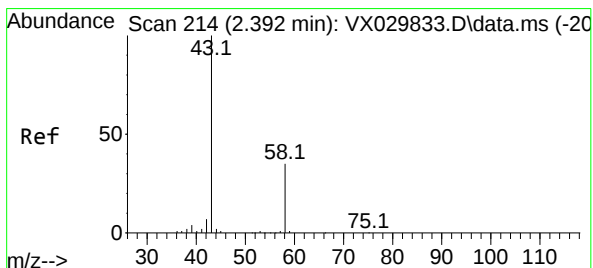
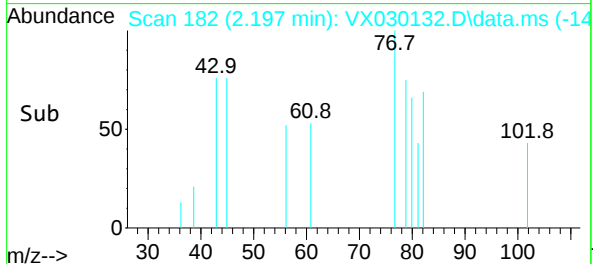
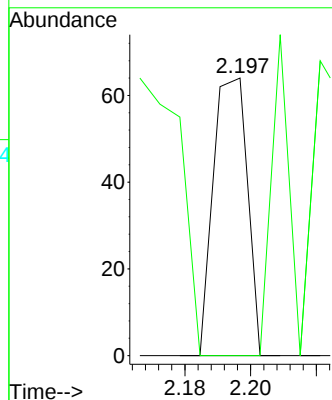
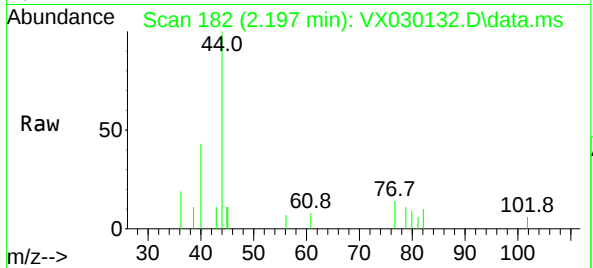




#13
Acrolein
Concen: 0.441 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.042 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

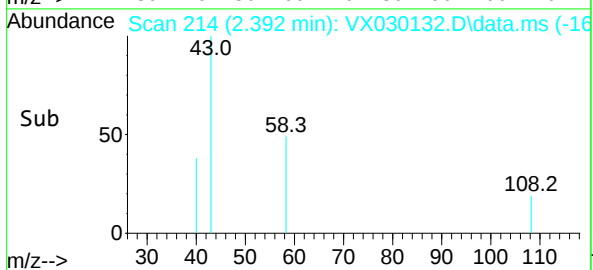
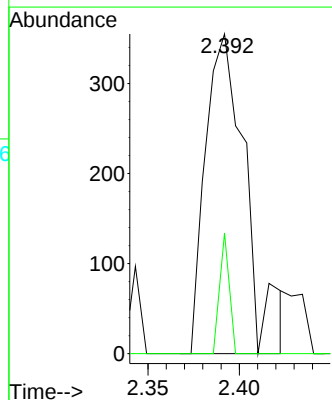
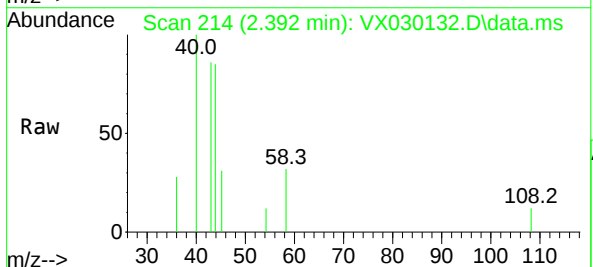
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

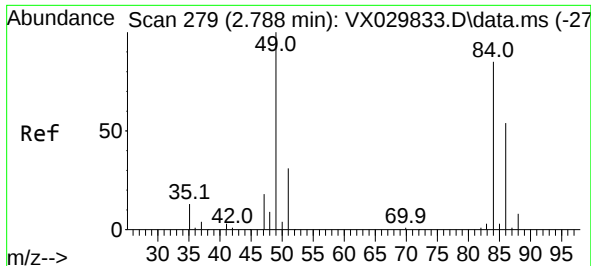
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 58.7 56.6 84.8



#16
Acetone
Concen: 0.572 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 37.7 27.7 41.5

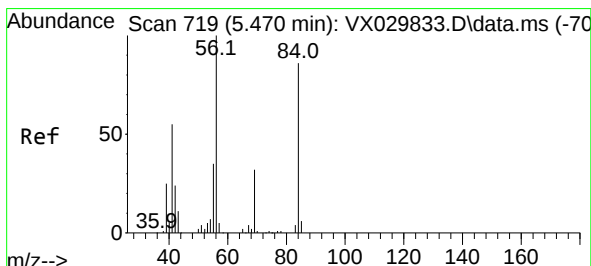
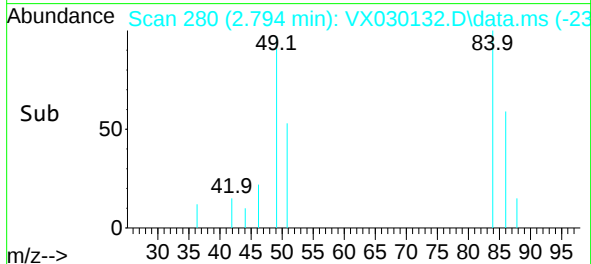
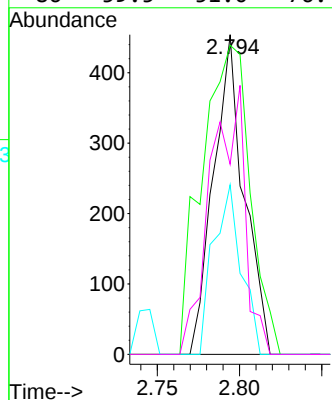
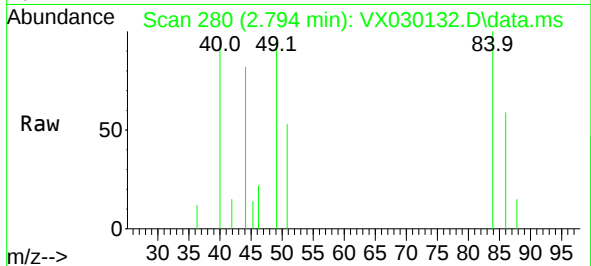




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

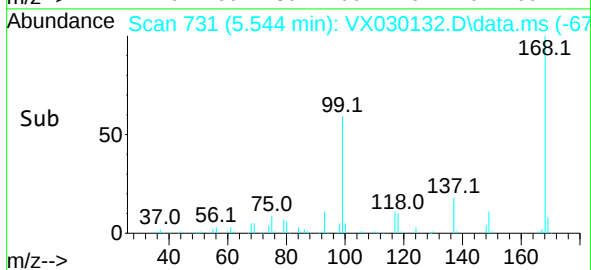
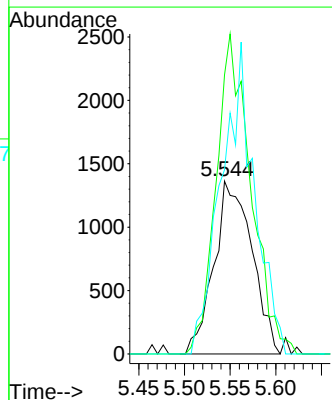
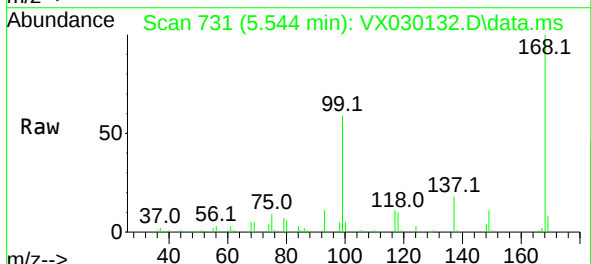
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

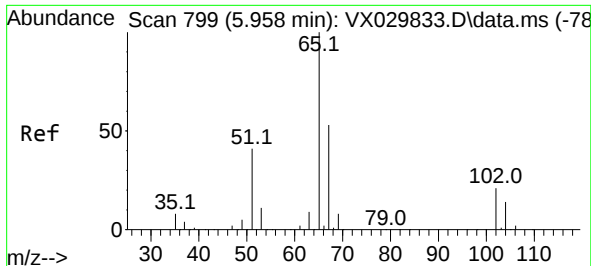
Tgt Ion: 84	Resp: 586
Ion Ratio	Lower Upper
84 100	
49 96.7	93.8 140.6
51 53.1	29.4 44.0#
86 59.5	51.0 76.4



#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 56	Resp: 3930		
Ion Ratio	Lower	Upper	
56	100		
69	161.5	25.4	38.0#
84	125.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.594 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030132.D

Acq: 20 Jul 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

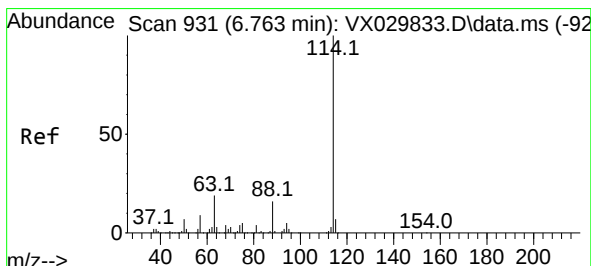
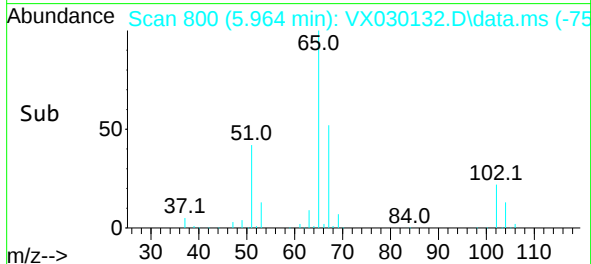
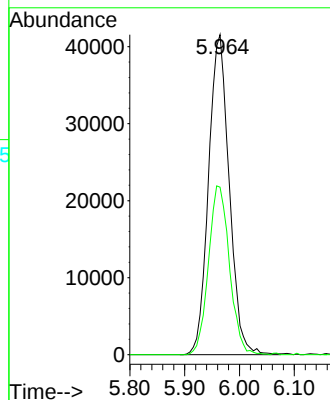
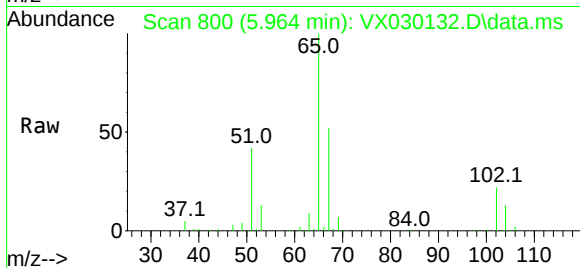
VX0721WBL01

Tgt Ion: 65 Resp: 108713

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX030132.D

Acq: 20 Jul 2022 14:32

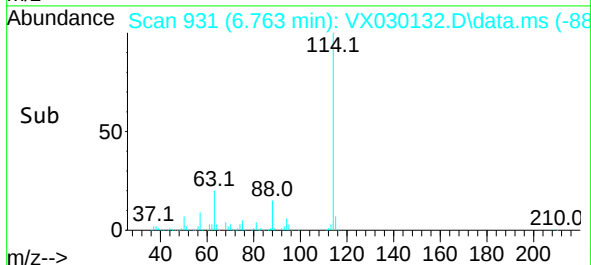
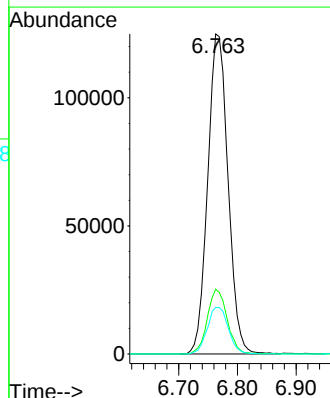
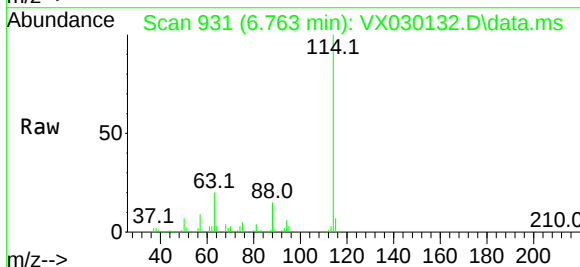
Tgt Ion: 114 Resp: 300229

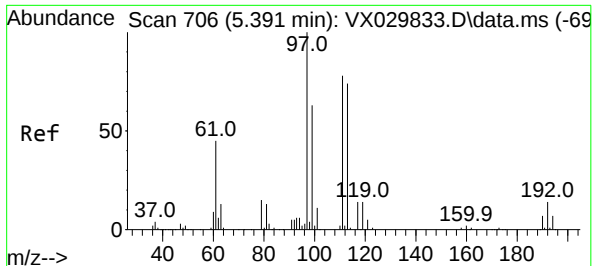
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.659 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030132.D

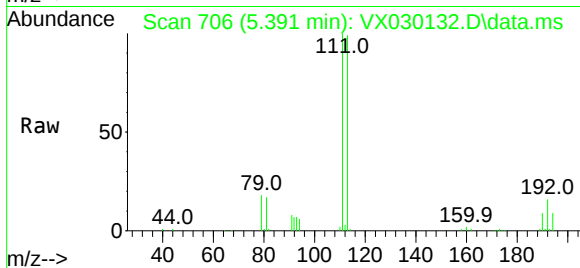
Acq: 20 Jul 2022 14:32

Instrument :

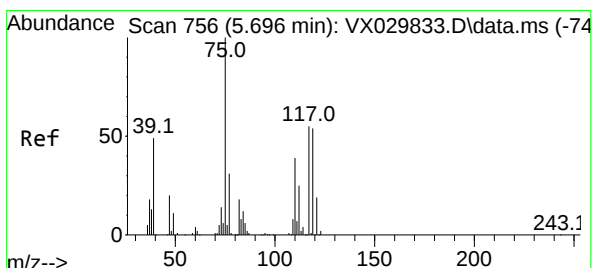
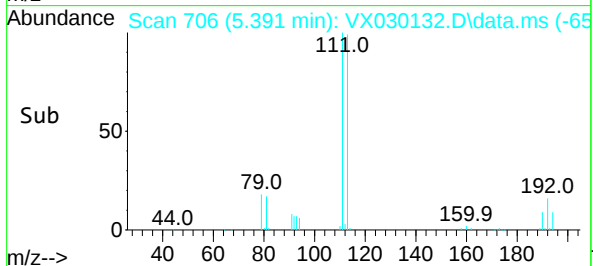
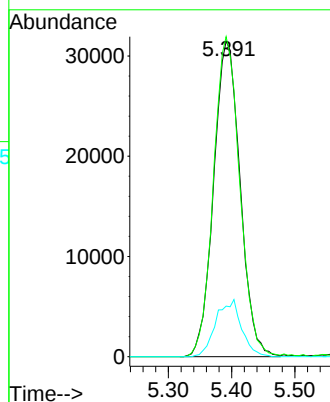
MSVOA_X

ClientSampleId :

VX0721WBL01



Tgt Ion:	113	Resp:	91409
Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.2	124.8
192	17.5	14.8	22.2



#36

1,1-Dichloropropene

Concen: 5.369 ug/l

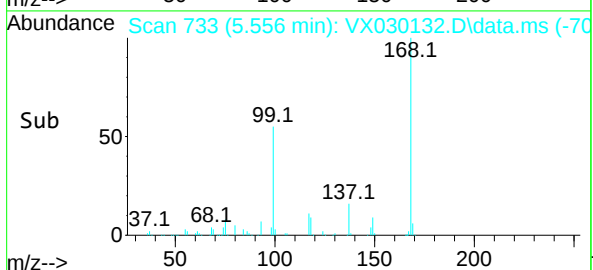
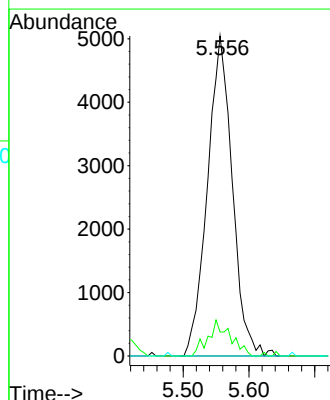
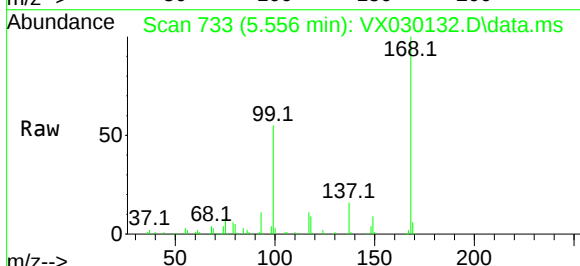
RT: 5.556 min Scan# 733

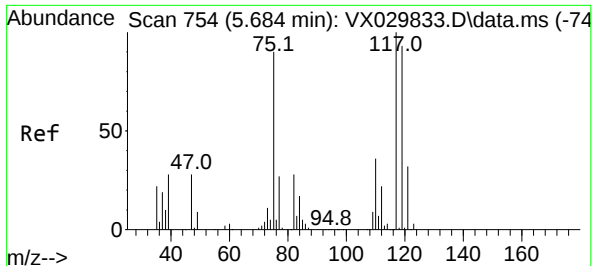
Delta R.T. -0.140 min

Lab File: VX030132.D

Acq: 20 Jul 2022 14:32

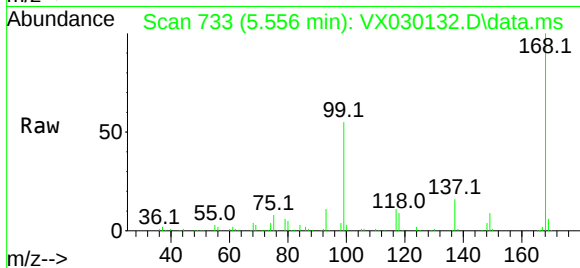
Tgt Ion:	75	Resp:	13300
Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.3	57.9#
77	0.0	24.4	36.6#



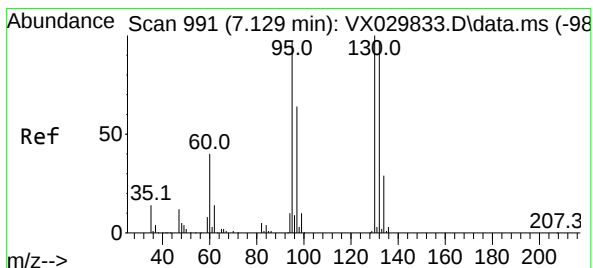
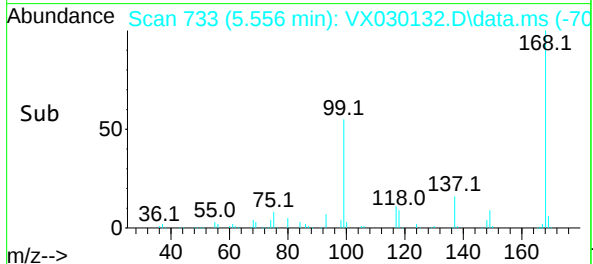
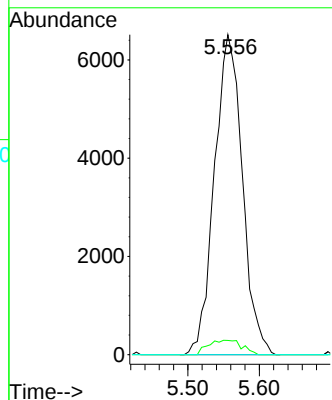


#38
Carbon Tetrachloride
Concen: 7.642 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

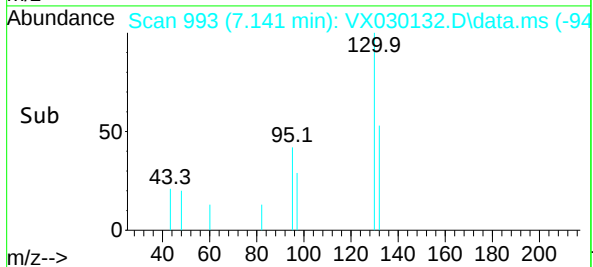
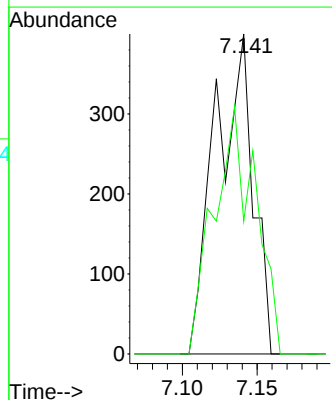
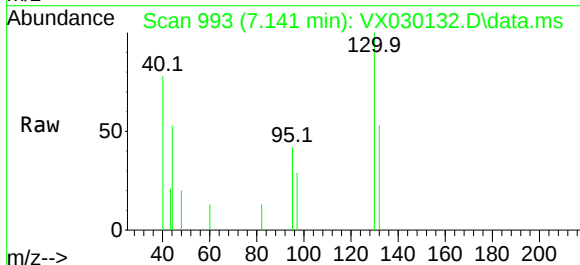


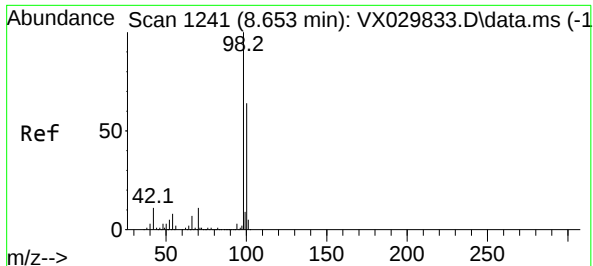
Tgt Ion:117 Resp: 17656
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.305 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion:130 Resp: 695
Ion Ratio Lower Upper
130 100
95 41.5 0.0 194.8

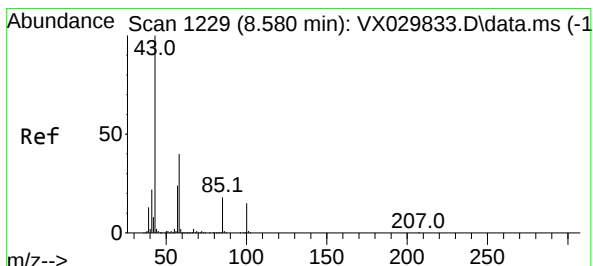
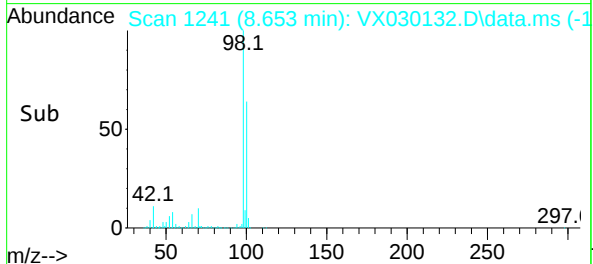
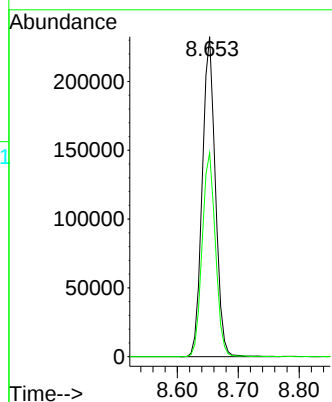
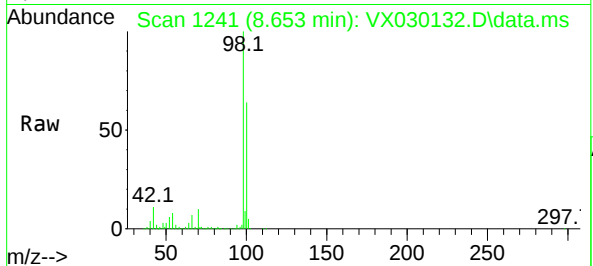




#50
Toluene-d8
Concen: 48.147 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

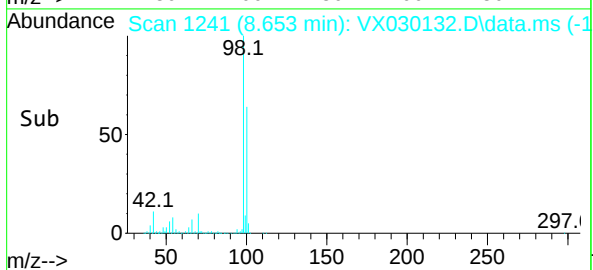
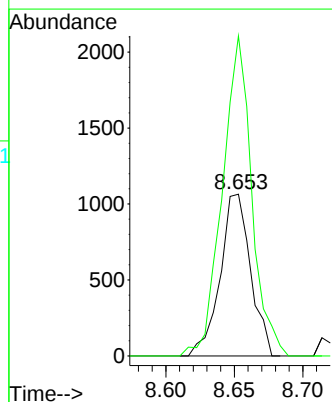
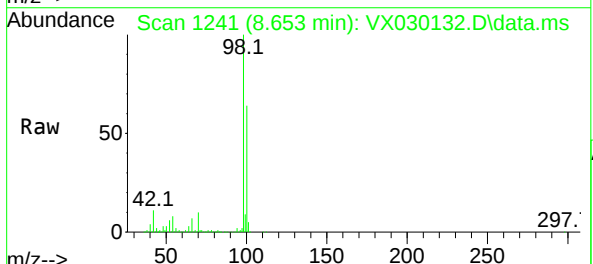
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

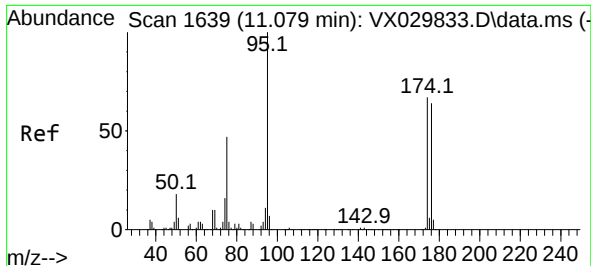
Tgt Ion: 98 Resp: 347303
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 191.0 31.4 47.2#

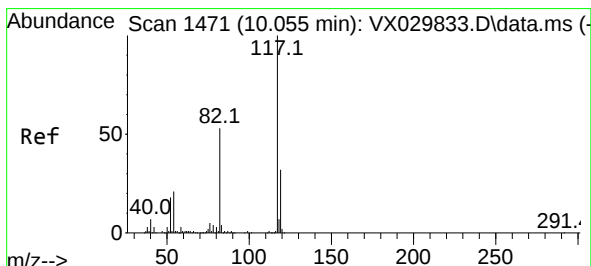
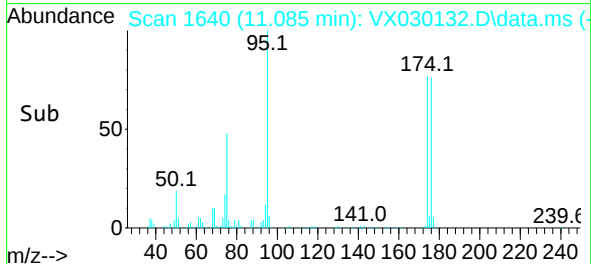
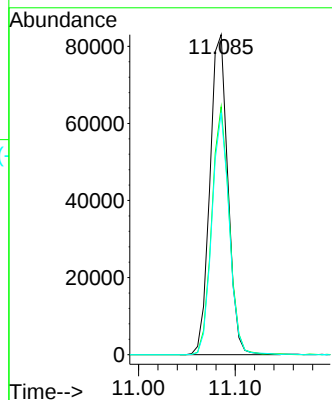
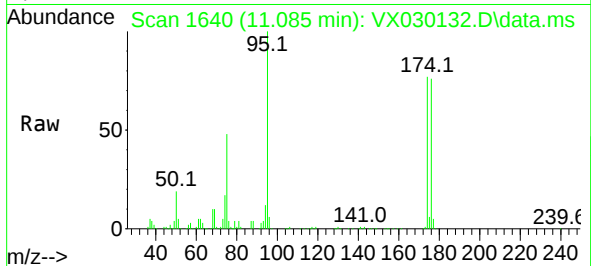




#62
4-Bromofluorobenzene
Concen: 43.001 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

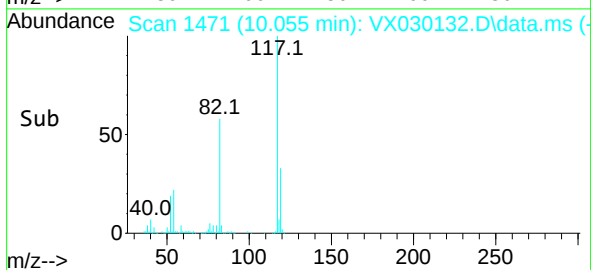
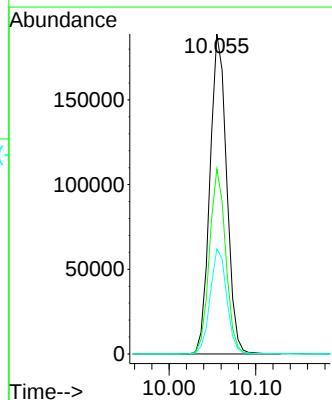
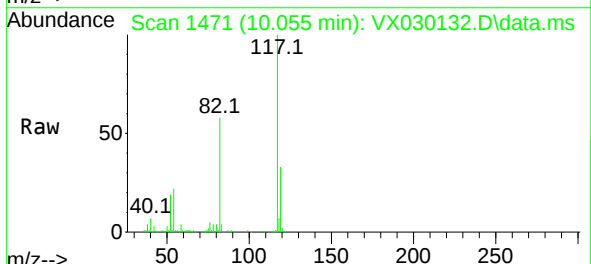
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

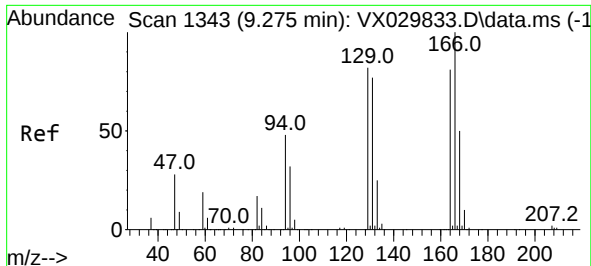
Tgt Ion: 95 Resp: 107642
Ion Ratio Lower Upper
95 100
174 75.3 0.0 149.0
176 72.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 117 Resp: 253165
Ion Ratio Lower Upper
117 100
82 57.9 42.7 64.1
119 32.9 25.4 38.2

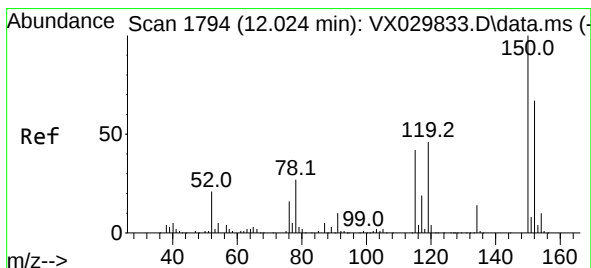
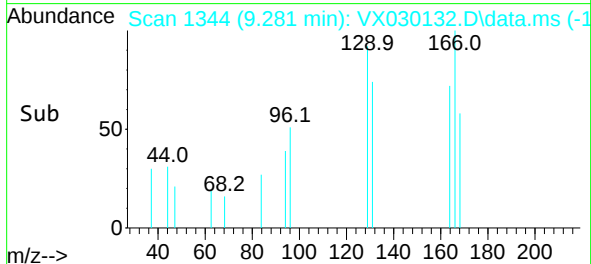
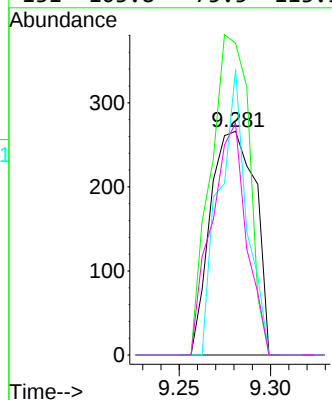
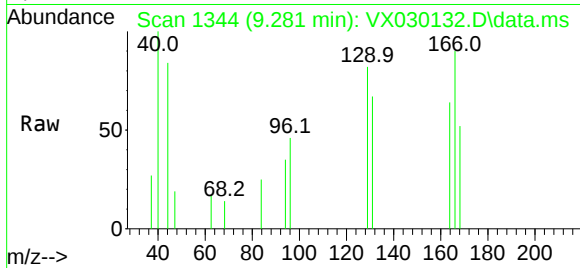




#64
Tetrachloroethene
Concen: 0.223 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

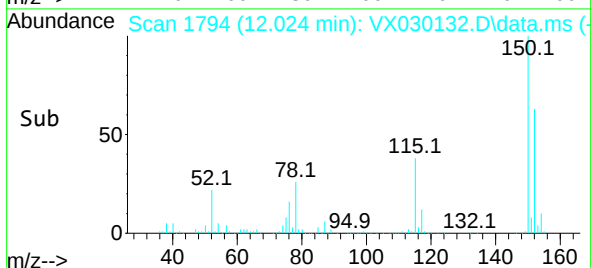
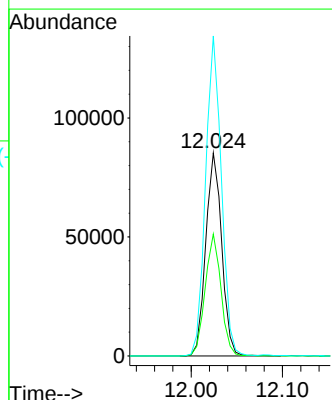
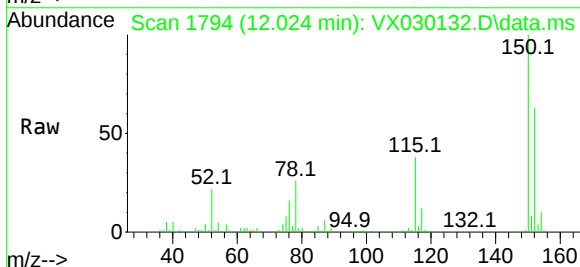
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

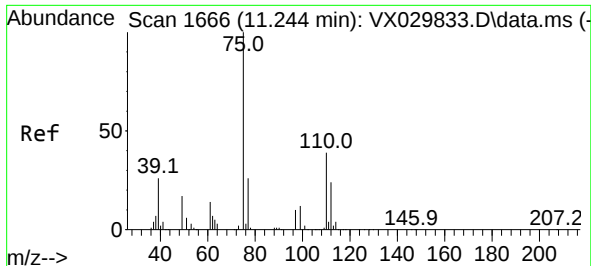
Tgt Ion:164	Resp:	454	
Ion	Ratio	Lower	Upper
164	100		
166	139.5	98.2	147.4
129	127.8	80.8	121.2#
131	103.8	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion:152	Resp:	103126	
Ion	Ratio	Lower	Upper
152	100		
115	59.7	40.5	121.5
150	156.1	0.0	347.0

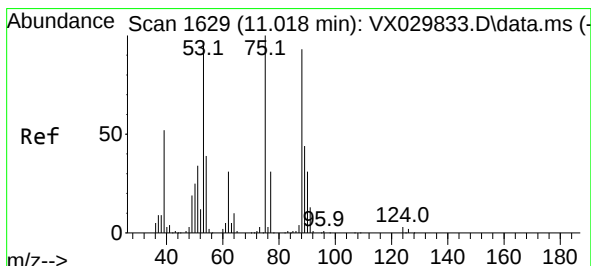
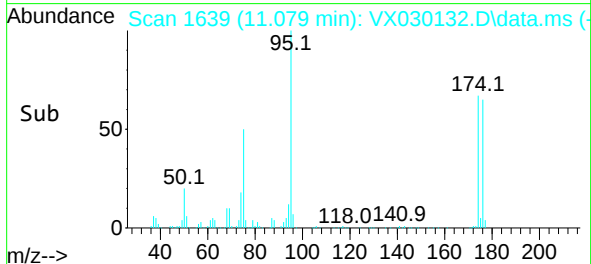
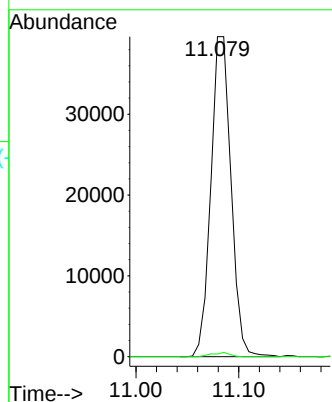
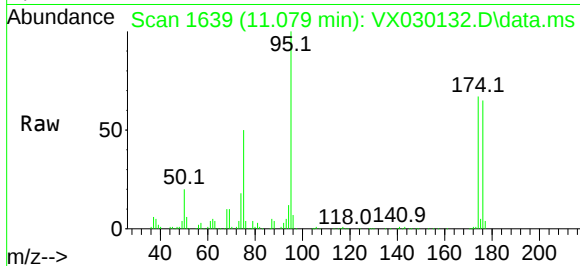




#76
1,2,3-Trichloropropane
Concen: 22.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

Tgt Ion: 75 Resp: 53933
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030132.D
Acq: 20 Jul 2022 14:32

Tgt Ion: 75 Resp: 53933
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

