

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044188.D
 Acq On : 09 Dec 2024 15:17
 Operator : JC/MD
 Sample : P5164-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:43:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

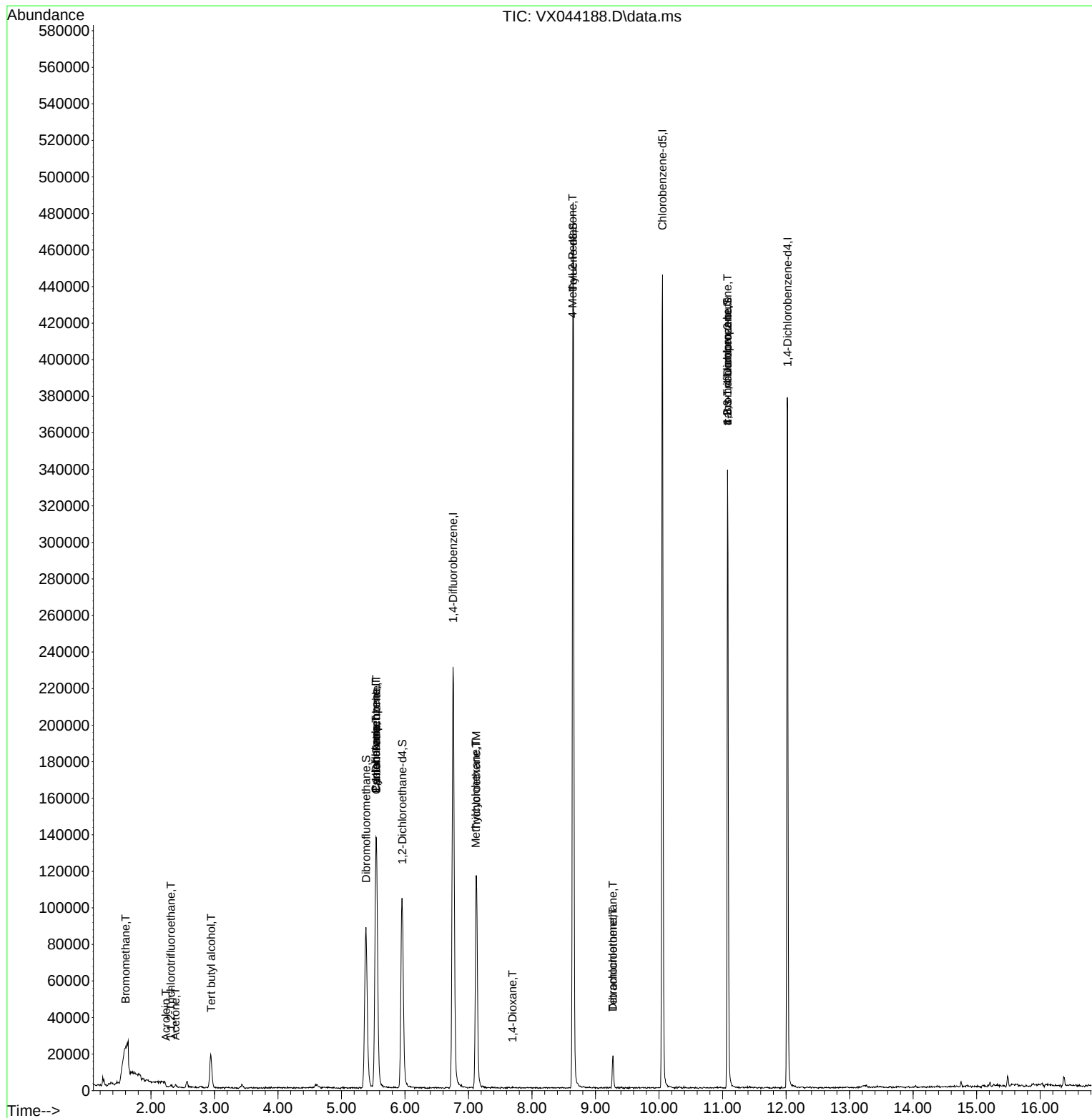
Internal Standards						
1) Pentafluorobenzene	5.543	168	120459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104646	50.650	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.300%
35) Dibromofluoromethane	5.385	113	75400	46.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.646	98	275938	49.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	88621	46.739	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	681	0.648	ug/l #	5
9) 1,1,2-Trichlorotrifluo...	2.312	101	478	0.328	ug/l #	76
11) Tert butyl alcohol	2.946	59	10160	30.637	ug/l #	77
13) Acrolein	2.233	56	99	0.283	ug/l #	13
16) Acetone	2.385	43	1505	1.586	ug/l	99
31) Cyclohexane	5.543	56	3631	1.577	ug/l #	40
36) 1,1-Dichloropropene	5.543	75	12284	6.099	ug/l #	51
38) Carbon Tetrachloride	5.549	117	14435	6.379	ug/l #	17
39) Methylcyclohexane	7.116	83	625	0.239	ug/l #	1
44) Trichloroethene	7.122	130	43452	24.467	ug/l	99
49) 1,4-Dioxane	7.689	88	128	3.764	ug/l #	64
51) 4-Methyl-2-Pentanone	8.640	43	1440	0.593	ug/l #	1
60) Dibromochloromethane	9.274	129	2923	1.880	ug/l #	11
64) Tetrachloroethene	9.274	164	2879	2.264	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	51499	31.470	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51499	85.874	ug/l #	6

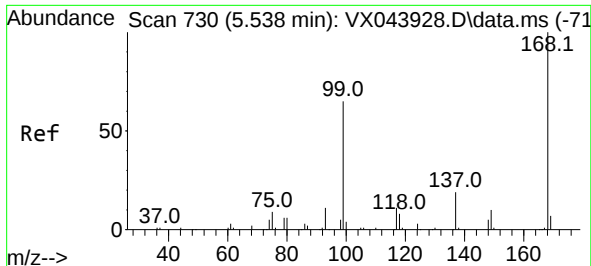
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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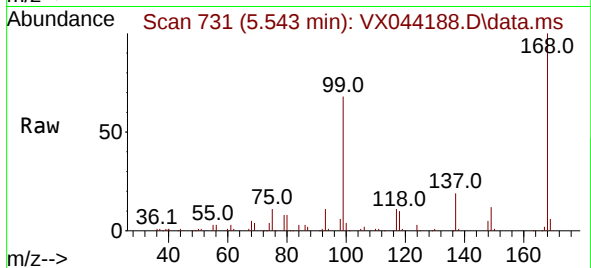
Quant Time: Dec 10 01:43:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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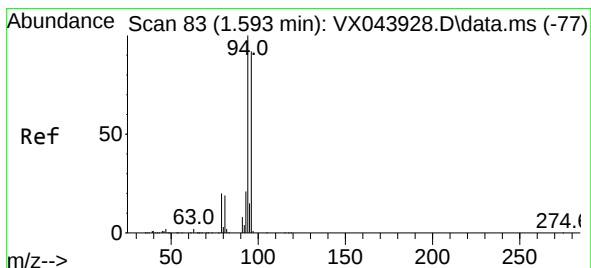
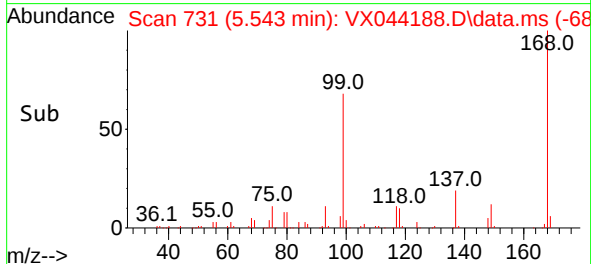
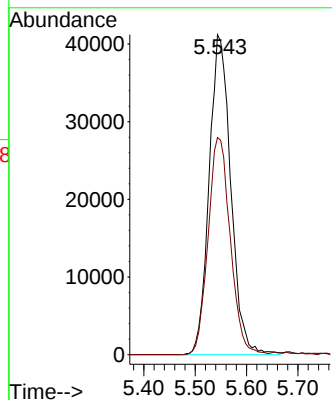


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :

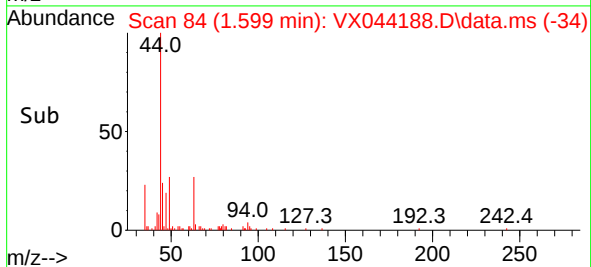
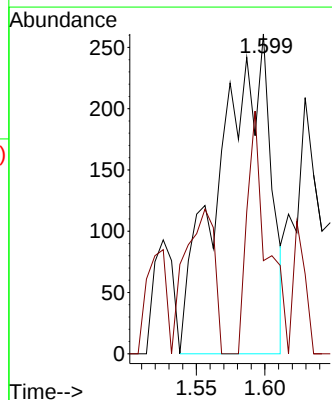
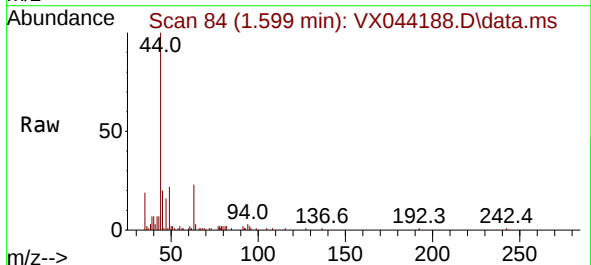


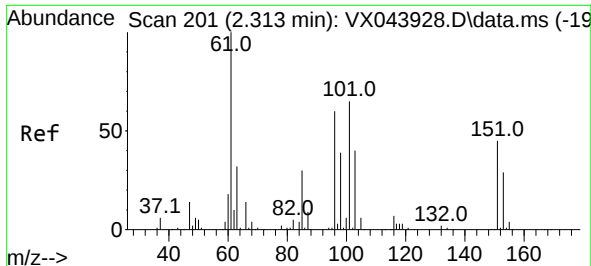
Tgt Ion:168 Resp: 120459
Ion Ratio Lower Upper
168 100
99 67.9 51.8 77.8



#5
Bromomethane
Concen: 0.648 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Tgt Ion: 94 Resp: 681
Ion Ratio Lower Upper
94 100
96 1.5 73.9 110.9

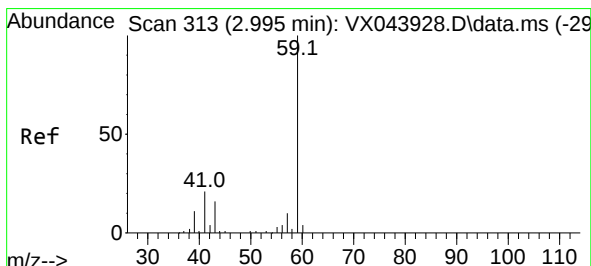
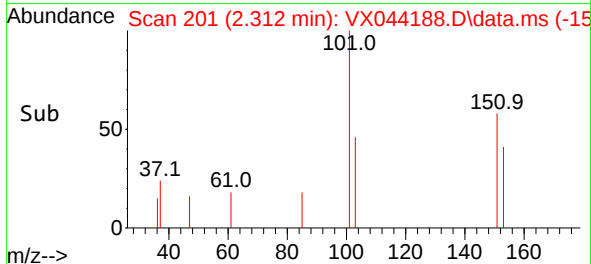
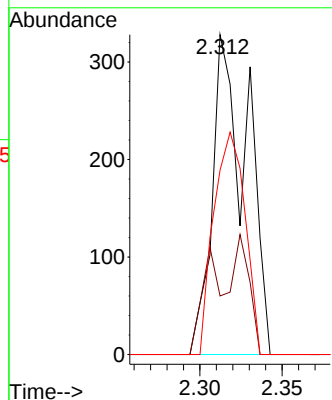
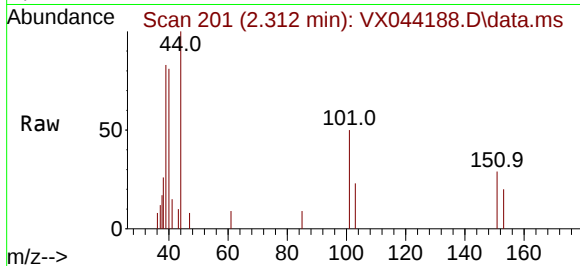




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.328 ug/l
RT: 2.312 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

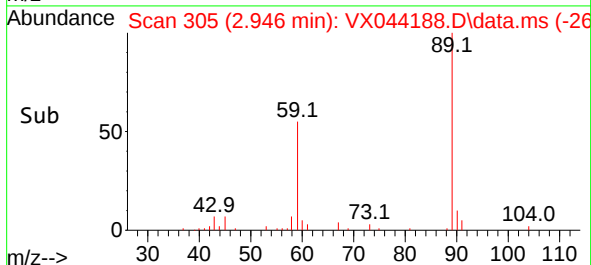
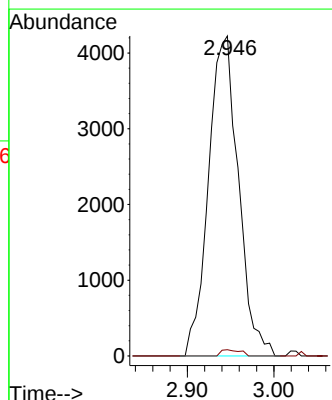
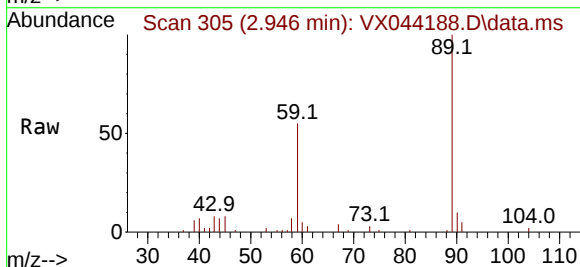
Instrument :
MSVOA_X
ClientSampleId :

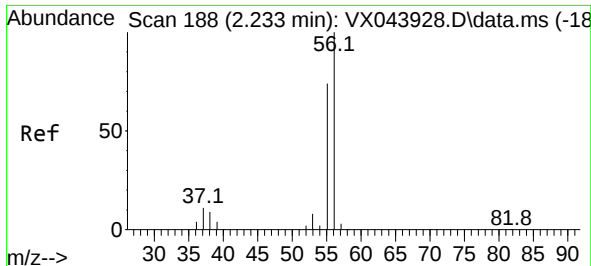
Tgt Ion:101 Resp: 478
Ion Ratio Lower Upper
101 100
85 17.2 37.9 56.9#
151 63.2 57.5 86.3



#11
Tert butyl alcohol
Concen: 30.637 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Tgt Ion: 59 Resp: 10160
Ion Ratio Lower Upper
59 100
57 1.3 7.9 11.9#

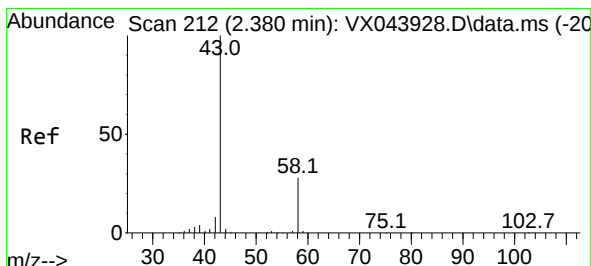
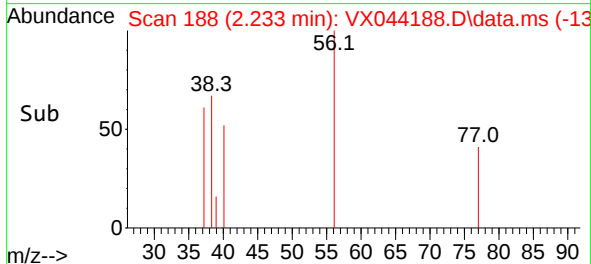
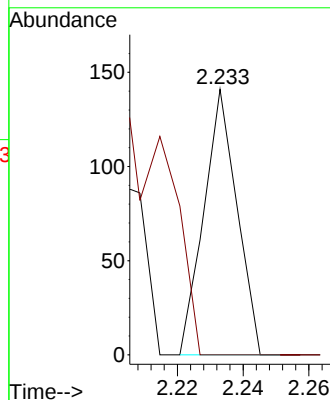
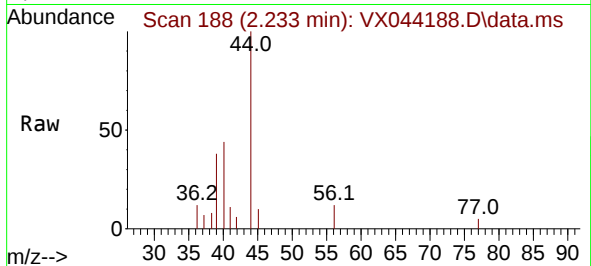




#13
Acrolein
Concen: 0.283 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

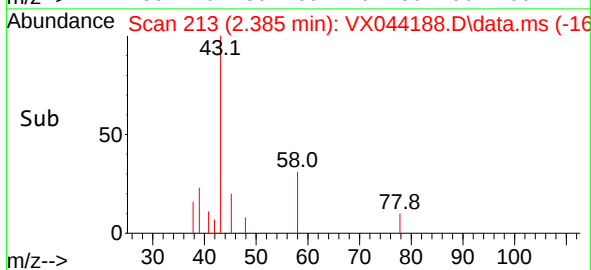
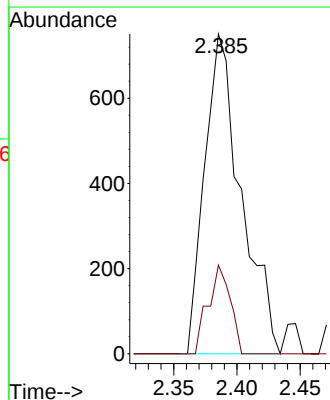
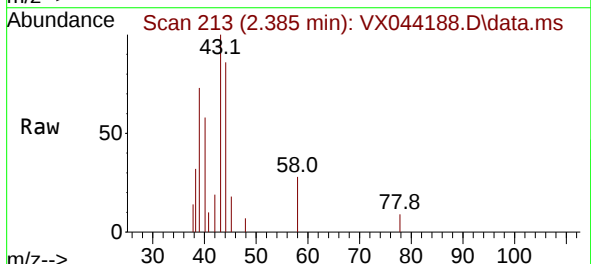
Instrument :
MSVOA_X
ClientSampleId :

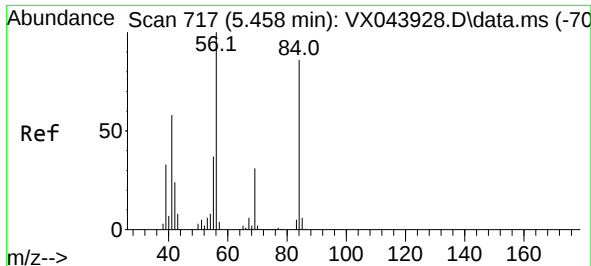
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#16
Acetone
Concen: 1.586 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

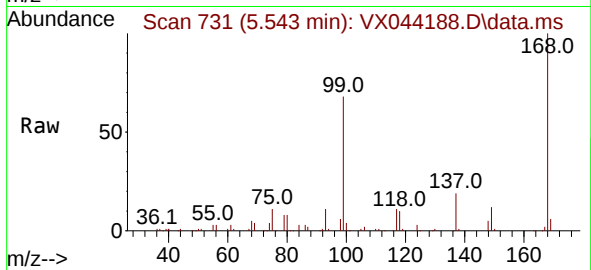
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1



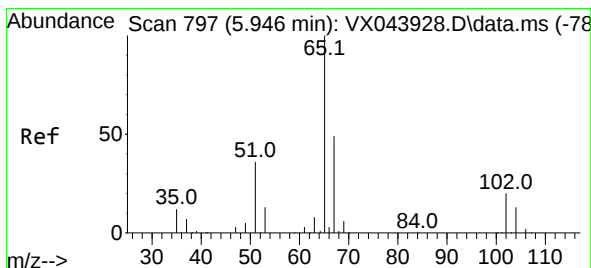
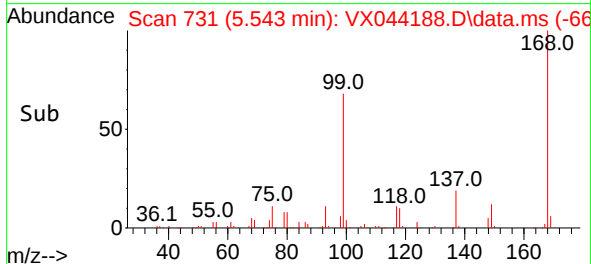
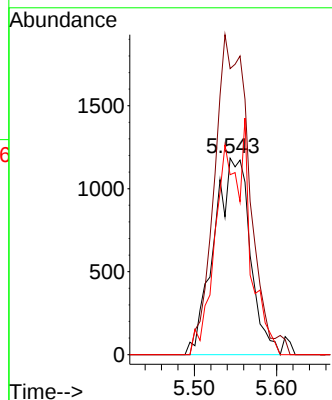


#31
Cyclohexane
Concen: 1.577 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :

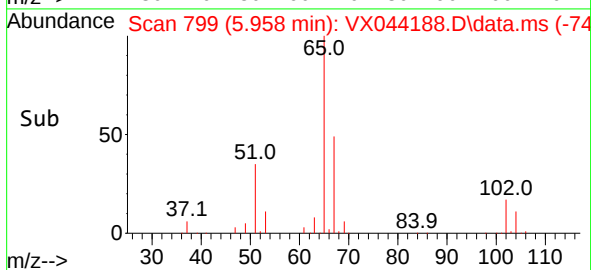
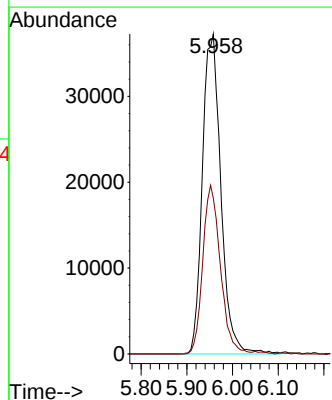
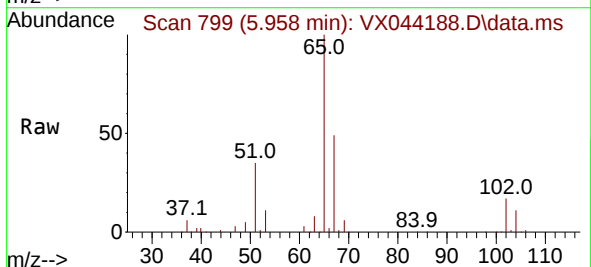


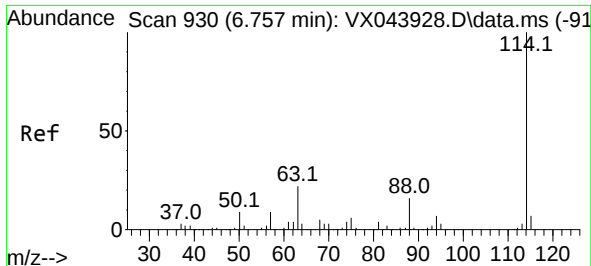
Tgt Ion: 56 Resp: 3631
Ion Ratio Lower Upper
56 100
69 145.6 24.7 37.1#
84 91.6 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 50.650 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

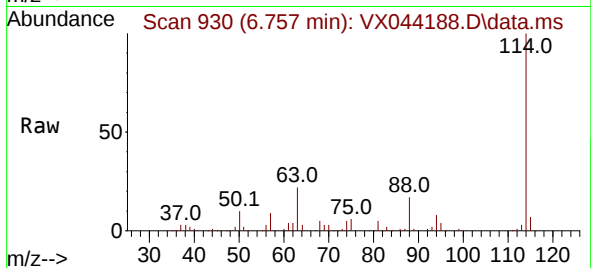
Tgt Ion: 65 Resp: 104646
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8



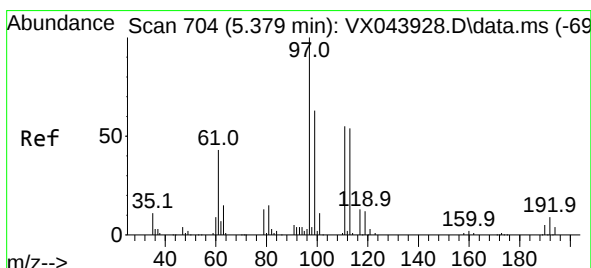
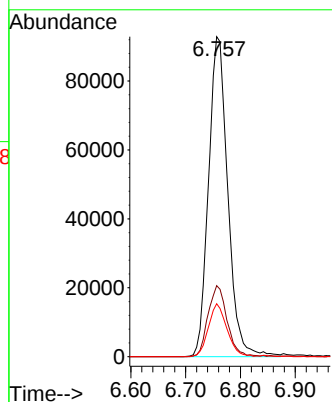
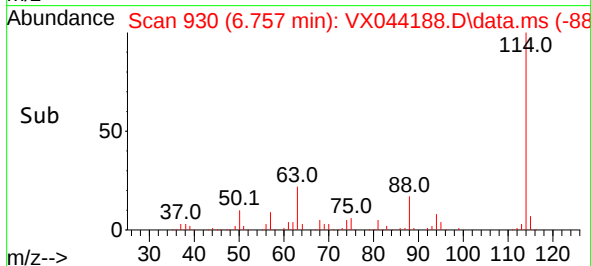


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

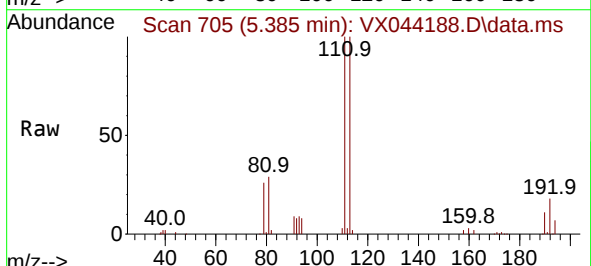
Instrument :
MSVOA_X
ClientSampleId :



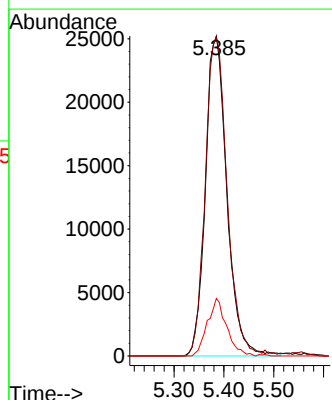
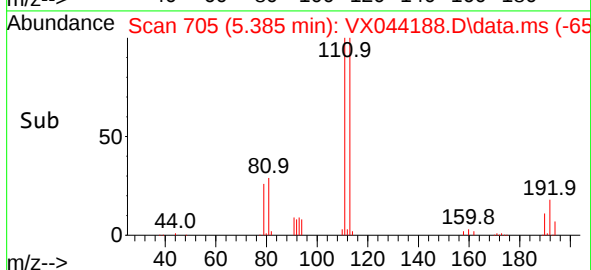
Tgt Ion:114 Resp: 226191
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.5 0.0 32.4

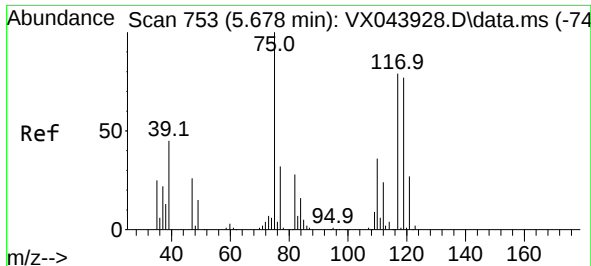


#35
Dibromofluoromethane
Concen: 46.651 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17



Tgt Ion:113 Resp: 75400
Ion Ratio Lower Upper
113 100
111 101.1 81.0 121.4
192 16.1 13.0 19.6





#36

1,1-Dichloropropene

Concen: 6.099 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.135 min

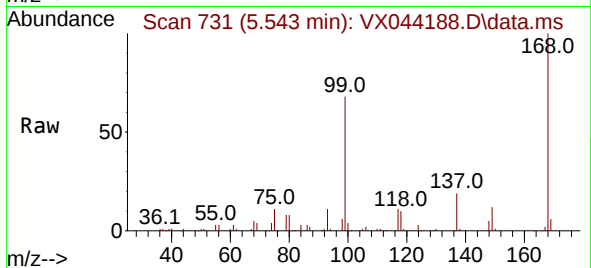
Lab File: VX044188.D

Acq: 09 Dec 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :



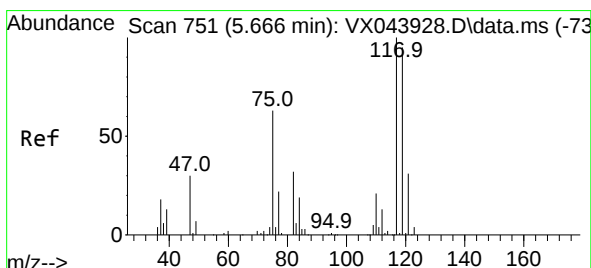
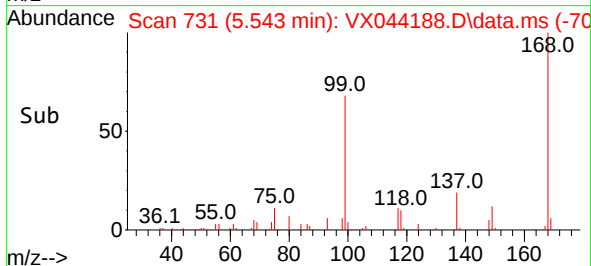
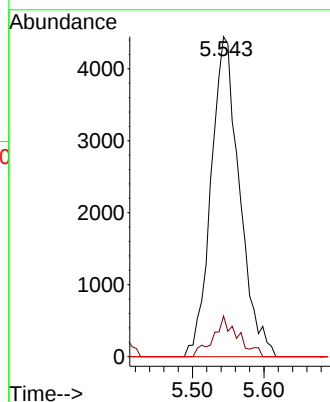
Tgt Ion: 75 Resp: 12284

Ion Ratio Lower Upper

75 100

110 10.9 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.379 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.116 min

Lab File: VX044188.D

Acq: 09 Dec 2024 15:17

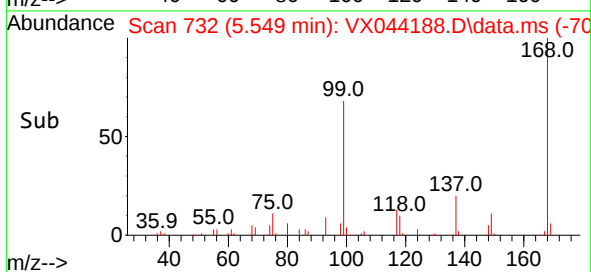
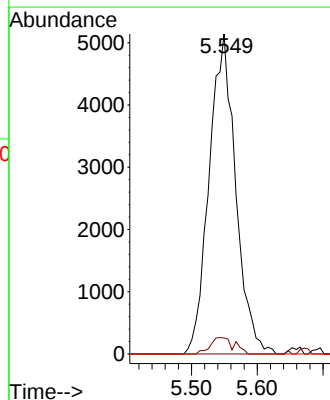
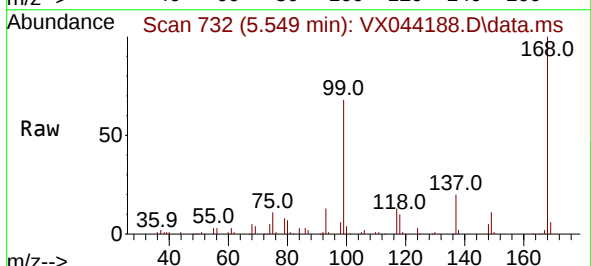
Tgt Ion: 117 Resp: 14435

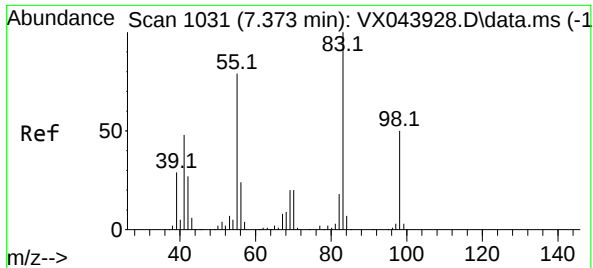
Ion Ratio Lower Upper

117 100

119 5.0 75.2 112.8#

121 0.0 24.5 36.7#

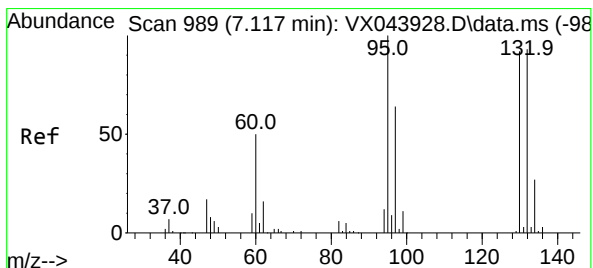
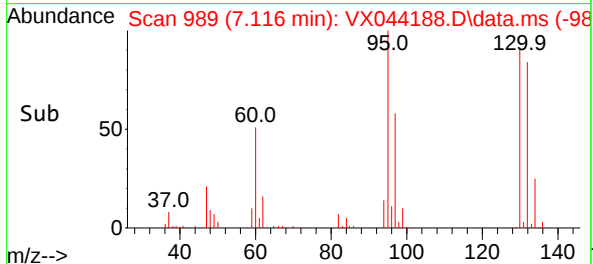
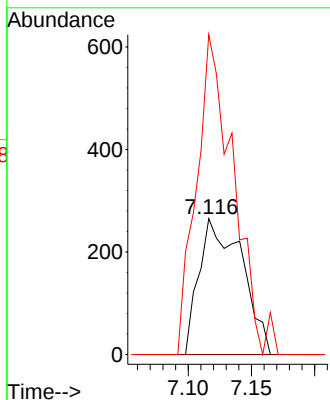
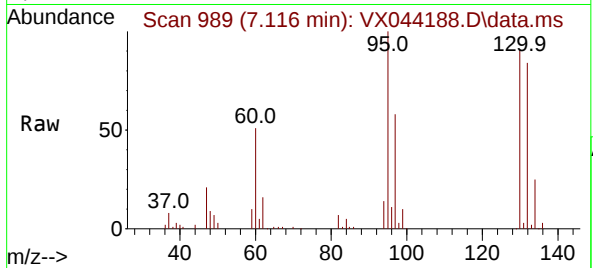




#39
Methylcyclohexane
Concen: 0.239 ug/l
RT: 7.116 min Scan# 91
Delta R.T. -0.257 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

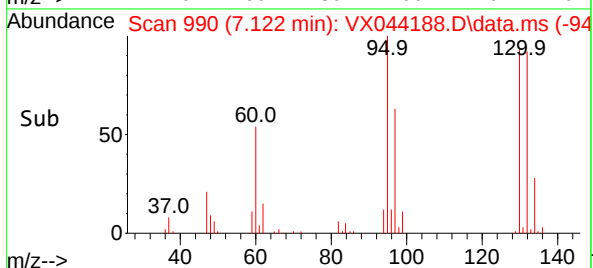
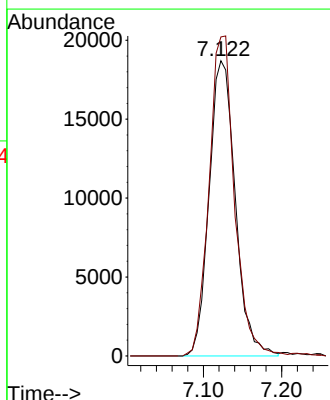
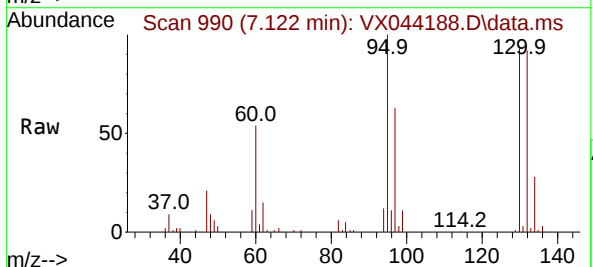
Instrument :
MSVOA_X
ClientSampleId :

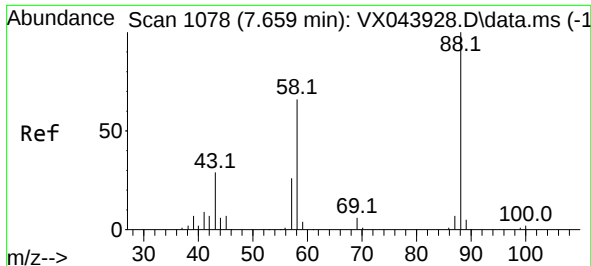
Tgt Ion: 83 Resp: 625
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 235.5 40.0 60.0#



#44
Trichloroethene
Concen: 24.467 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Tgt Ion:130 Resp: 43452
Ion Ratio Lower Upper
130 100
95 108.1 0.0 217.8





#49

1,4-Dioxane

Concen: 3.764 ug/l

RT: 7.689 min Scan# 1078

Delta R.T. 0.030 min

Lab File: VX044188.D

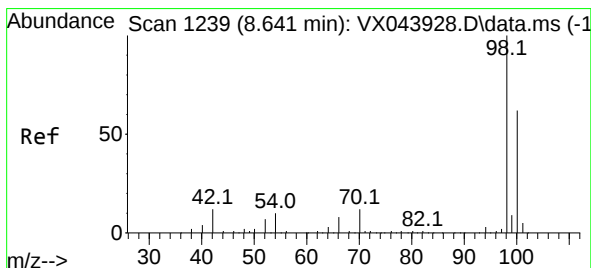
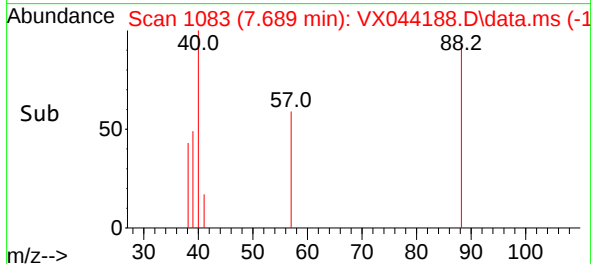
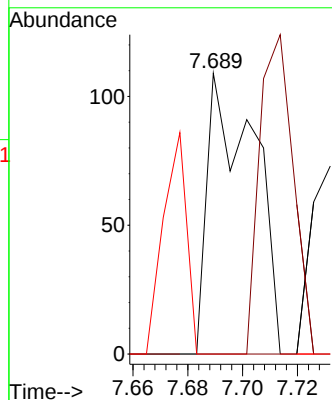
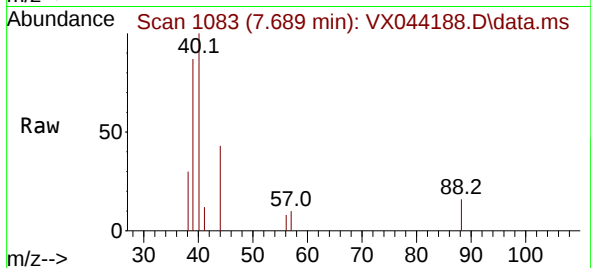
Acq: 09 Dec 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp:	128
Ion	Ratio	Lower Upper
88	100	
43	0.0	26.8 40.2#
58	39.8	45.4 68.2#



#50

Toluene-d8

Concen: 49.528 ug/l

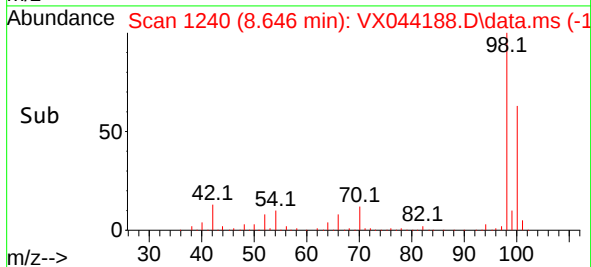
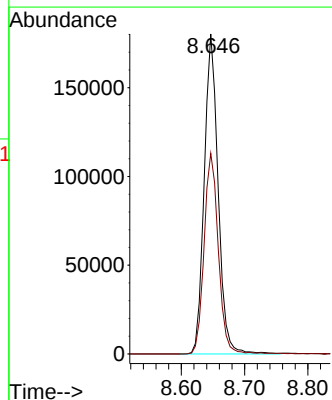
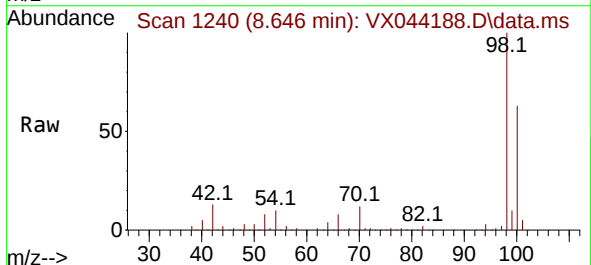
RT: 8.646 min Scan# 1240

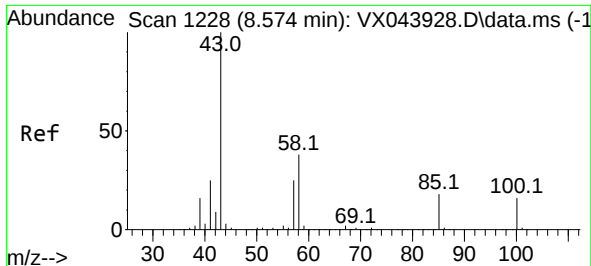
Delta R.T. 0.006 min

Lab File: VX044188.D

Acq: 09 Dec 2024 15:17

Tgt Ion: 98	Resp:	275938
Ion	Ratio	Lower Upper
98	100	
100	64.5	52.6 79.0

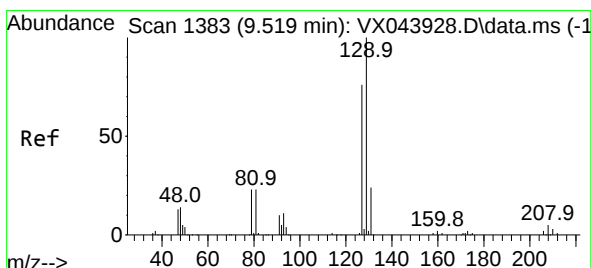
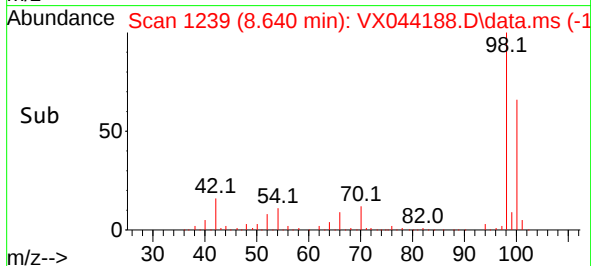
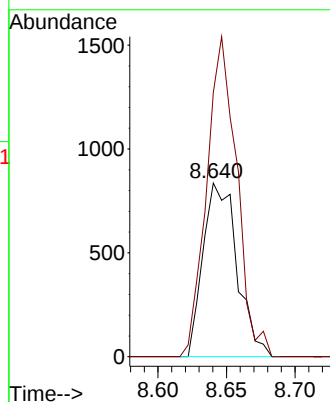
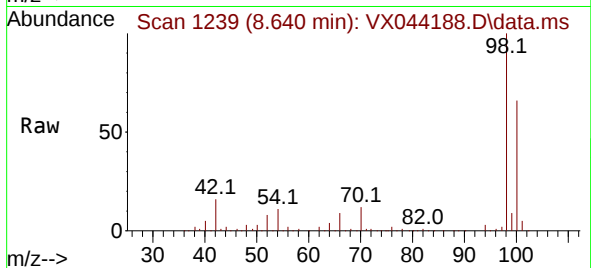




#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

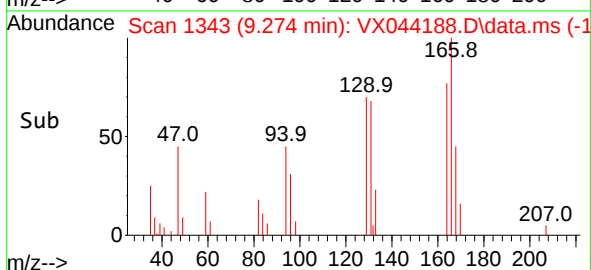
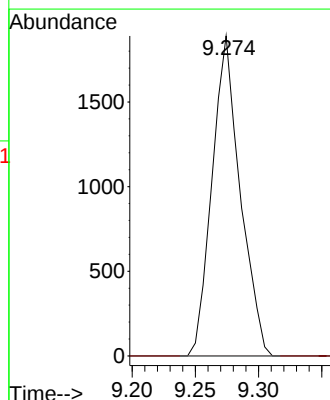
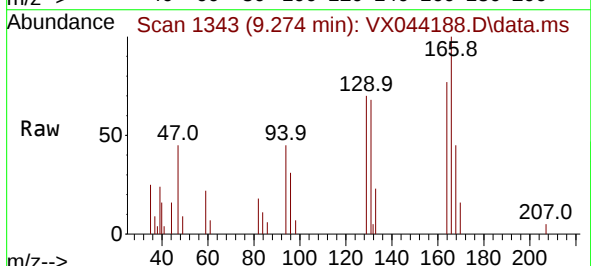
Instrument :
MSVOA_X
ClientSampleId :

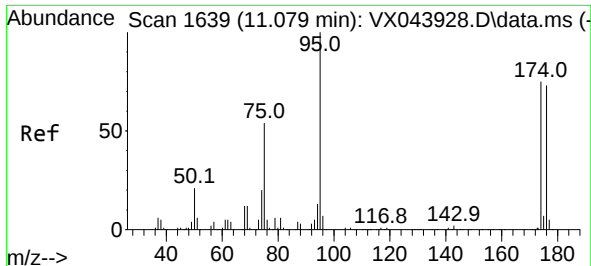
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 163.5 30.0 45.0#



#60
Dibromochloromethane
Concen: 1.880 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Tgt Ion: 129 Resp: 2923
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#

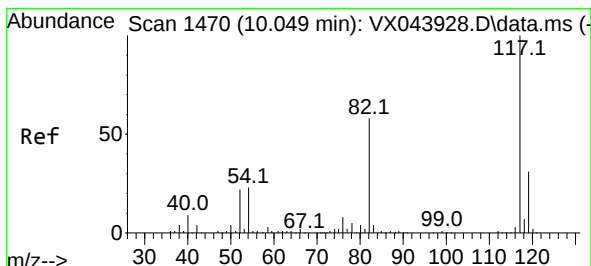
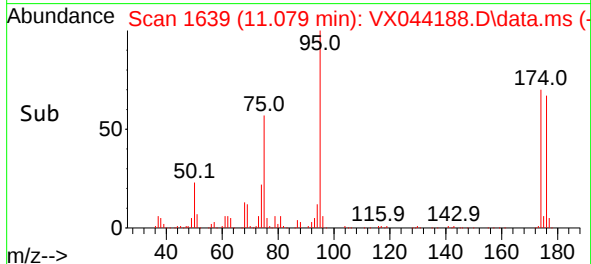
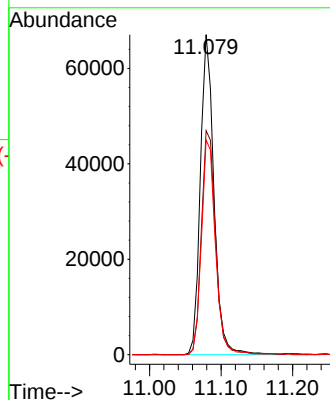
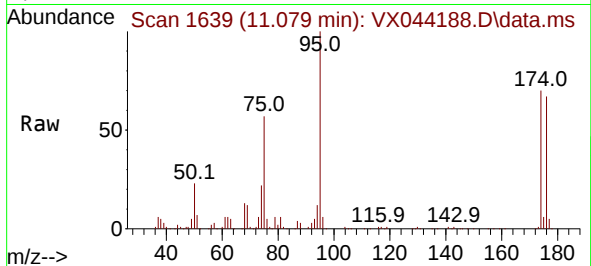




#62
4-Bromofluorobenzene
Concen: 46.739 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

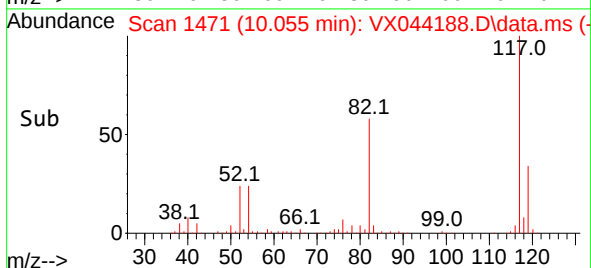
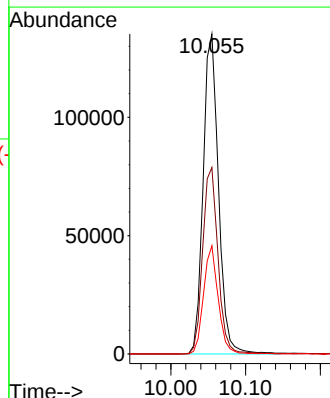
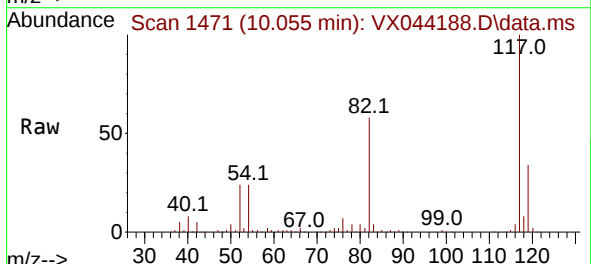
Instrument :
MSVOA_X
ClientSampleId :

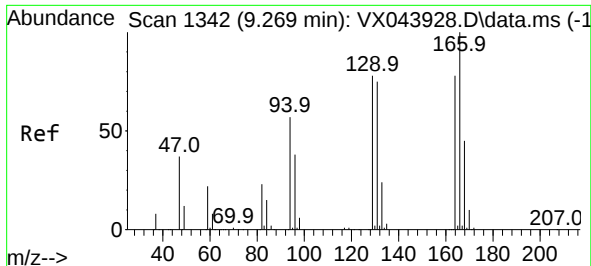
Tgt Ion: 95 Resp: 88621
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.4
176 69.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

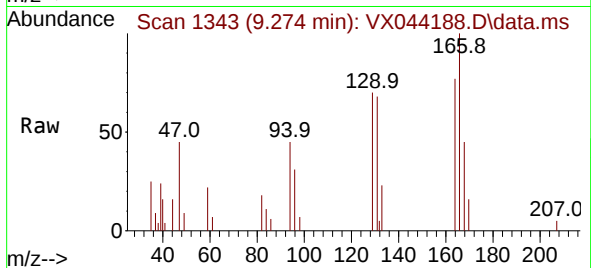
Tgt Ion: 117 Resp: 192858
Ion Ratio Lower Upper
117 100
82 58.3 46.4 69.6
119 33.8 24.6 37.0



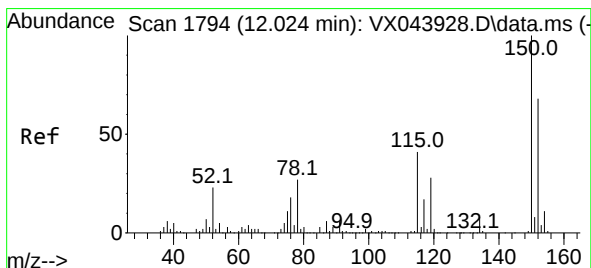
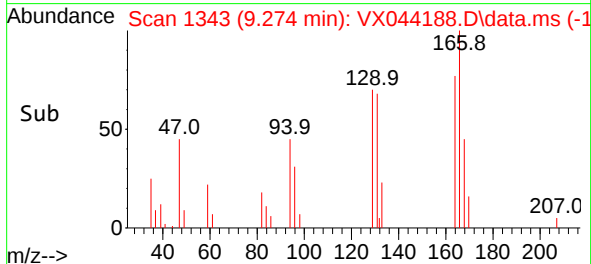
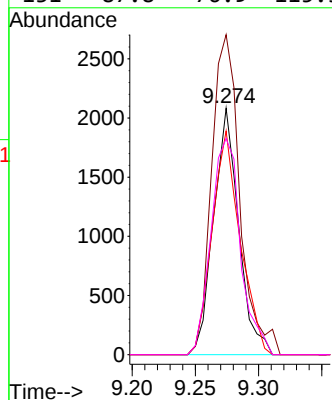


#64
Tetrachloroethene
Concen: 2.264 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :

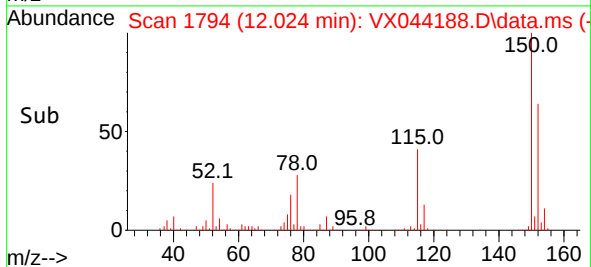
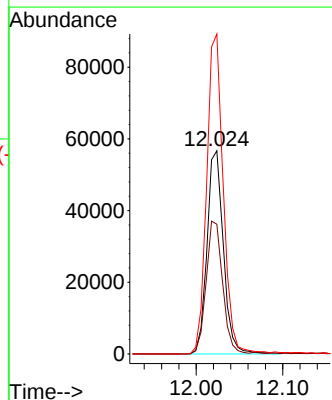
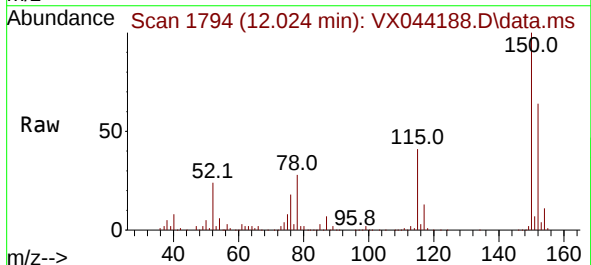


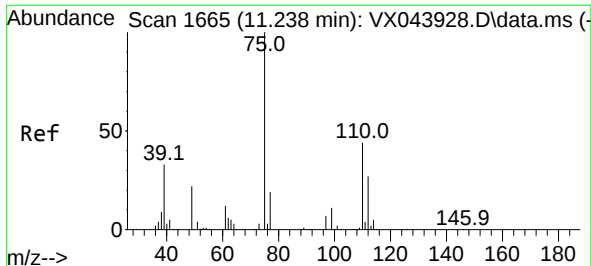
Tgt Ion:164 Resp: 2879
Ion Ratio Lower Upper
164 100
166 129.9 102.1 153.1
129 90.8 79.6 119.4
131 87.8 76.9 115.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Tgt Ion:152 Resp: 74622
Ion Ratio Lower Upper
152 100
115 66.2 45.4 136.2
150 160.7 0.0 353.0

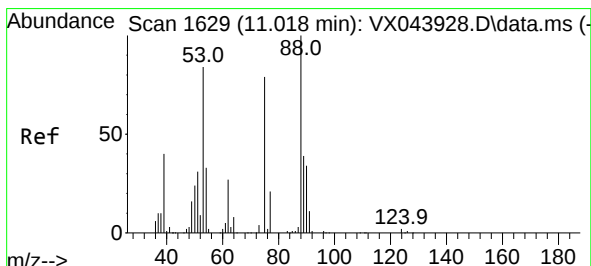
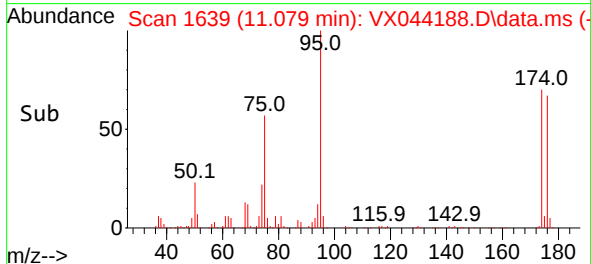
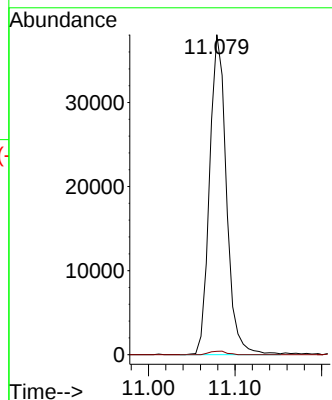
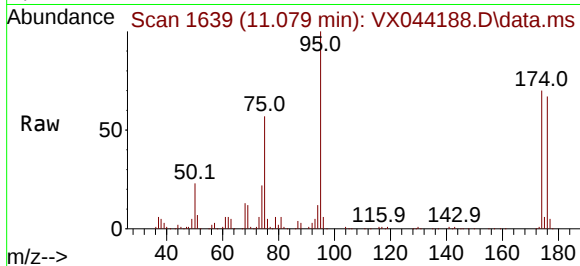




#76
1,2,3-Trichloropropane
Concen: 31.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51499
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.060 min
Lab File: VX044188.D
Acq: 09 Dec 2024 15:17

Tgt Ion: 75 Resp: 51499
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

