

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043282.D
 Acq On : 04 Oct 2024 12:32
 Operator : JC/MD
 Sample : P4263-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20240930

Quant Time: Oct 04 23:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

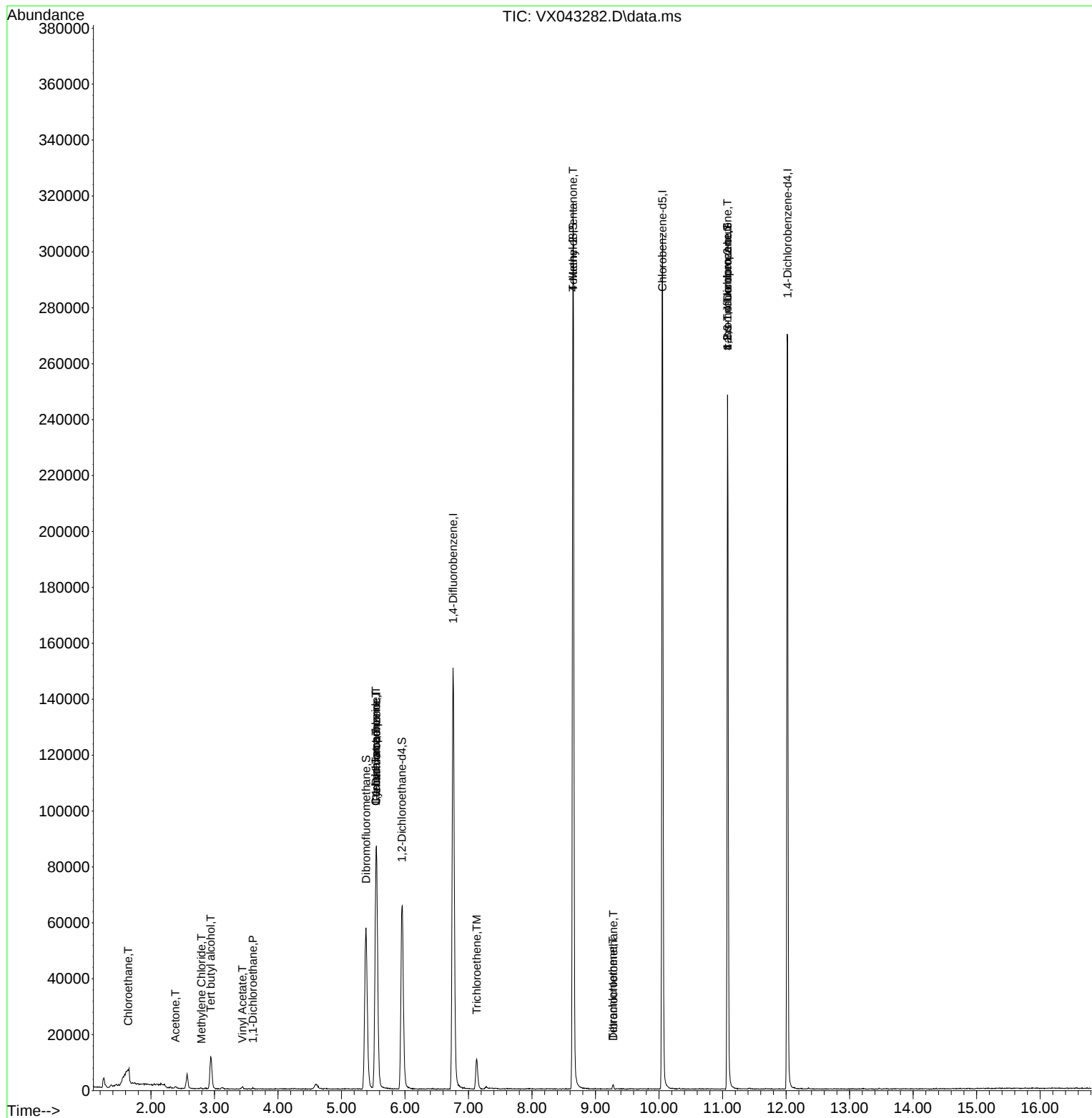
Internal Standards						
1) Pentafluorobenzene	5.550	168	79847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69428	53.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	5.385	113	50563	47.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.540%	
50) Toluene-d8	8.647	98	186881	50.944	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.079	95	66228	49.695	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.380%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.642	64	83	0.233	ug/l #	42
11) Tert butyl alcohol	2.941	59	6938	27.959	ug/l #	73
16) Acetone	2.386	43	992	1.822	ug/l #	83
20) Methylene Chloride	2.794	84	211	0.210	ug/l #	30
23) Vinyl Acetate	3.440	43	128	6.378	ug/l #	71
24) 1,1-Dichloroethane	3.605	63	493	0.289	ug/l #	81
31) Cyclohexane	5.544	56	2056	1.461	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	6772	5.064	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8791	5.553	ug/l #	16
44) Trichloroethene	7.129	130	4490	4.175	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	878	0.545	ug/l #	1
60) Dibromochloromethane	9.281	129	276	0.236	ug/l #	11
64) Tetrachloroethene	9.275	164	251	0.266	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	36670	29.342	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36670	76.045	ug/l #	8

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

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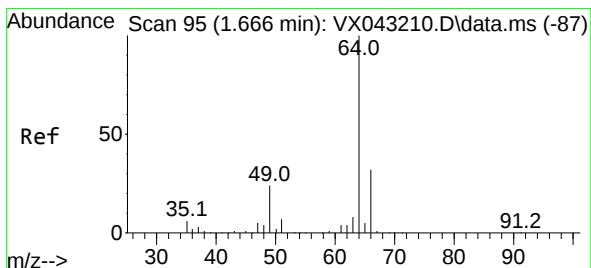
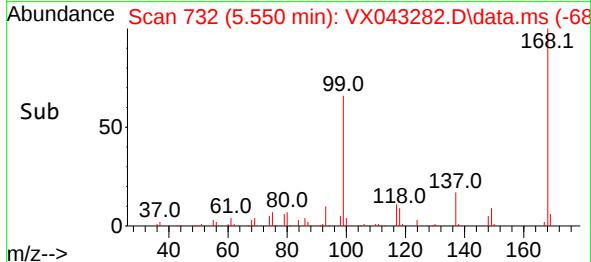
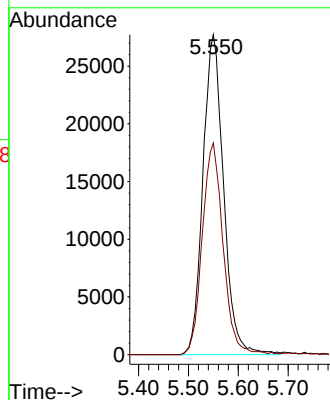
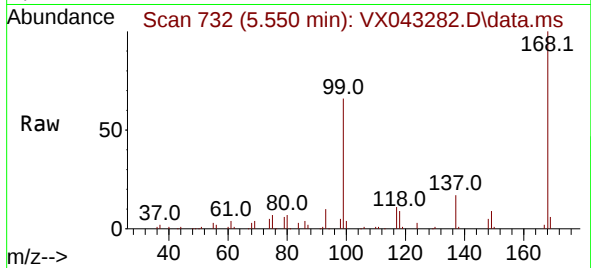




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

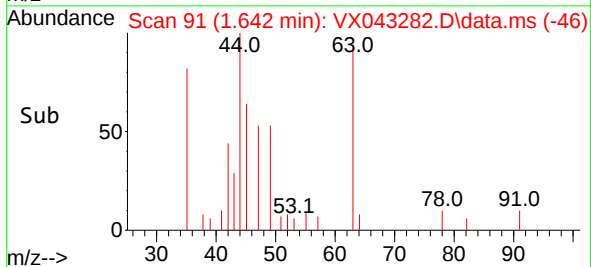
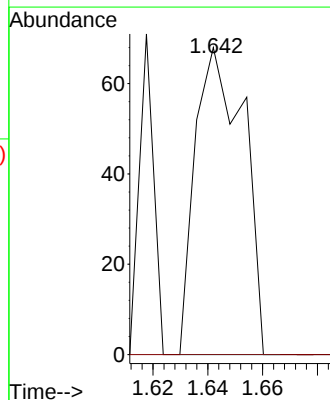
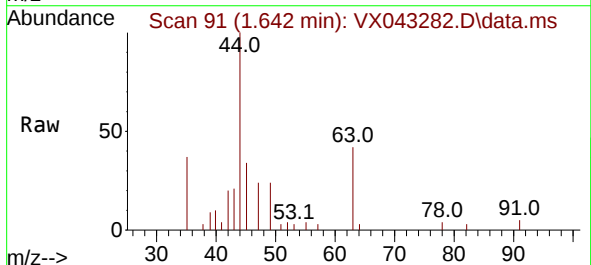
Instrument : MSVOA_X
ClientSampleId : TT188S1-20240930

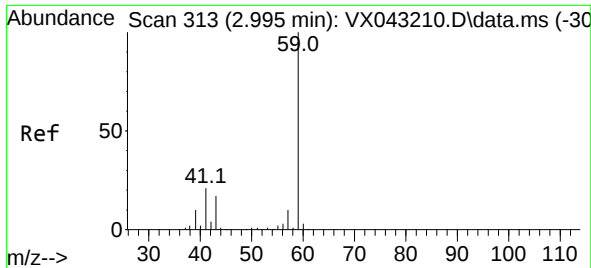
Tgt Ion:168 Resp: 79847
Ion Ratio Lower Upper
168 100
99 66.2 49.7 74.5



#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

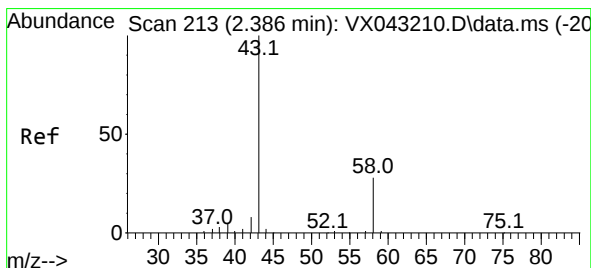
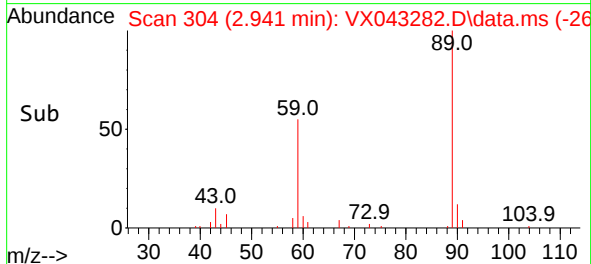
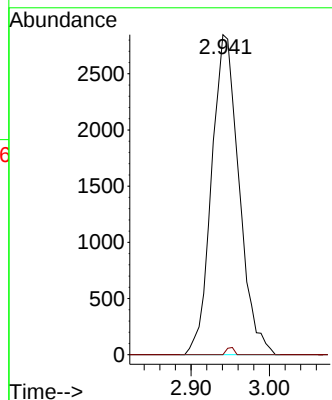
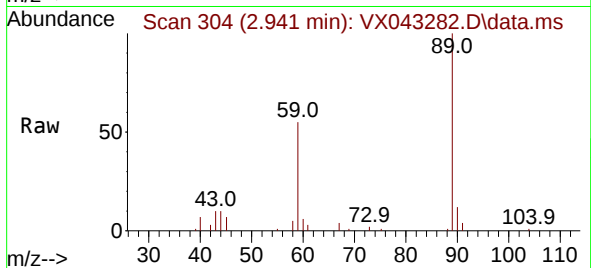




#11
Tert butyl alcohol
Concen: 27.959 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

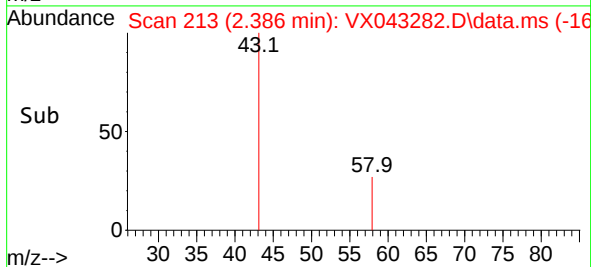
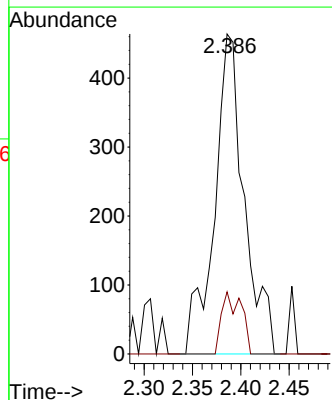
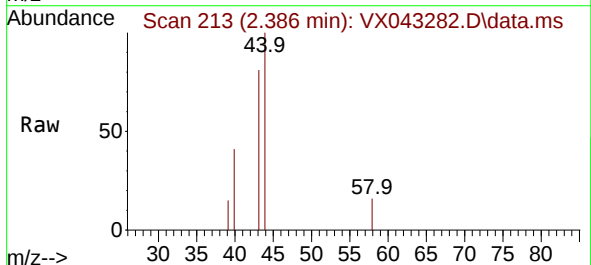
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

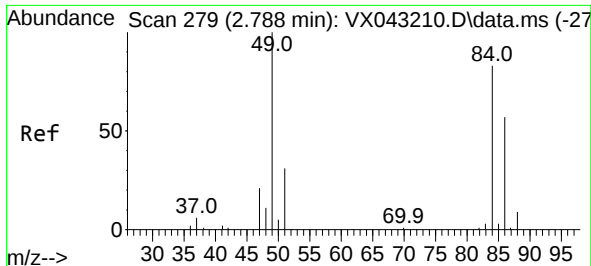
Tgt Ion: 59 Resp: 6938
Ion Ratio Lower Upper
59 100
57 0.6 8.6 13.0#



#16
Acetone
Concen: 1.822 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 19.4 22.6 33.8#

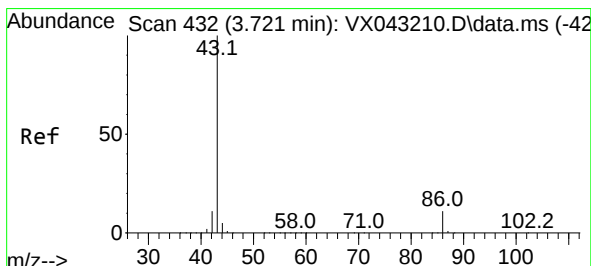
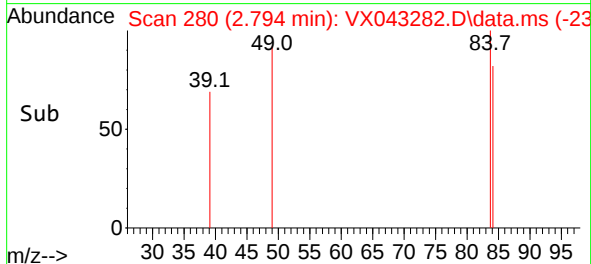
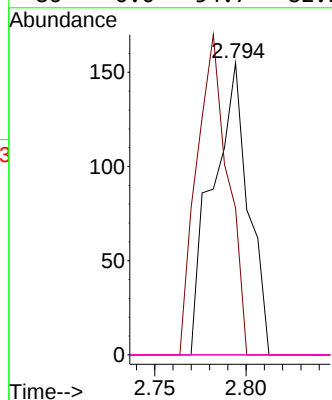
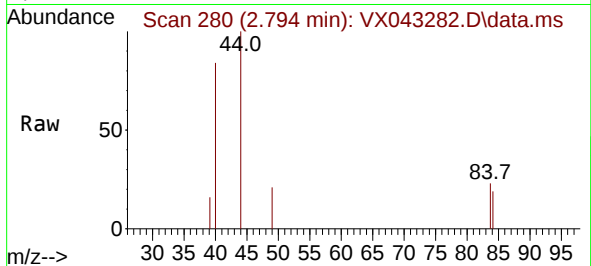




#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.794 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

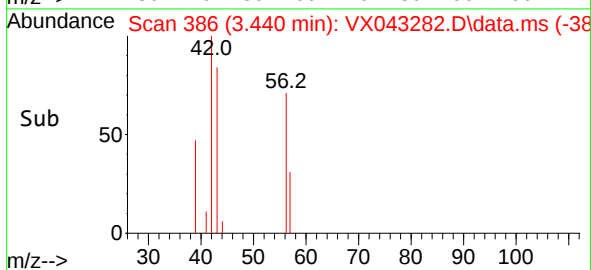
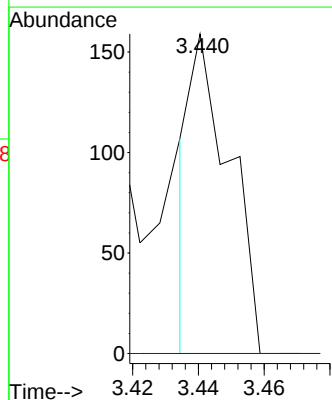
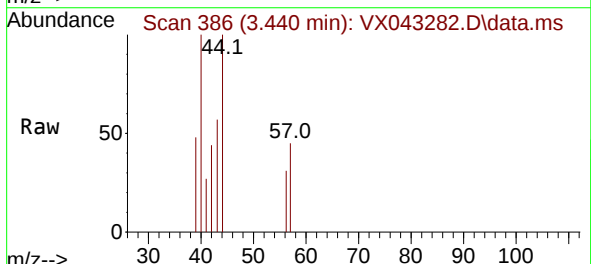
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

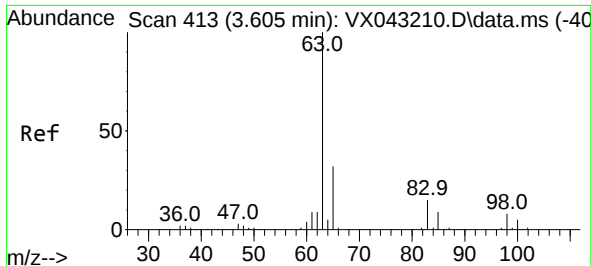
Tgt Ion: 84	Resp: 211
Ion Ratio	Lower Upper
84 100	
49 50.3	96.7 145.1#
51 0.0	30.4 45.6#
86 0.0	54.7 82.1#



#23
Vinyl Acetate
Concen: 6.378 ug/l
RT: 3.440 min Scan# 386
Delta R.T. -0.281 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion: 43	Resp:	128	
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

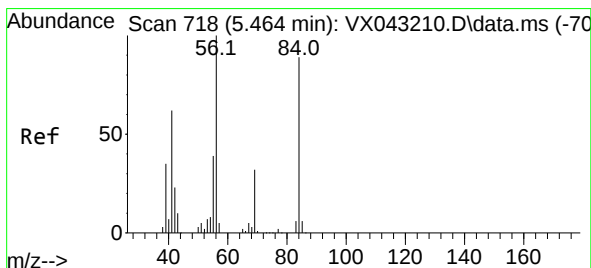
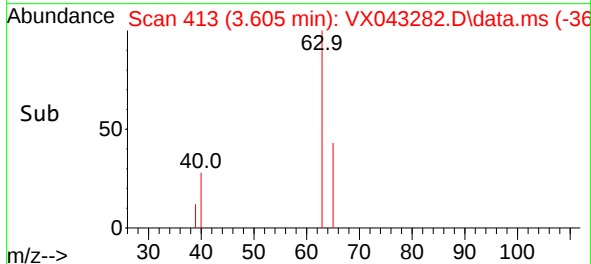
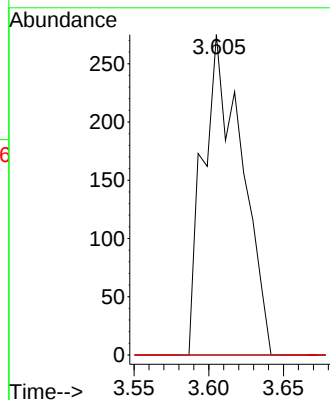
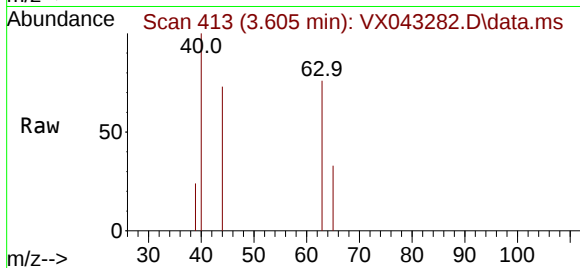




#24
1,1-Dichloroethane
Concen: 0.289 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

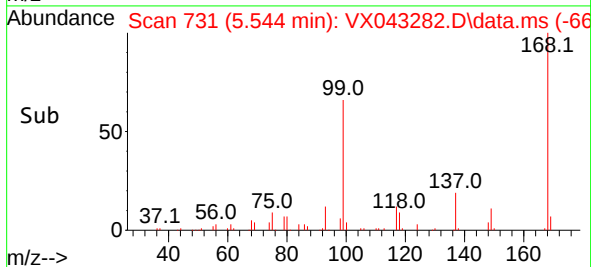
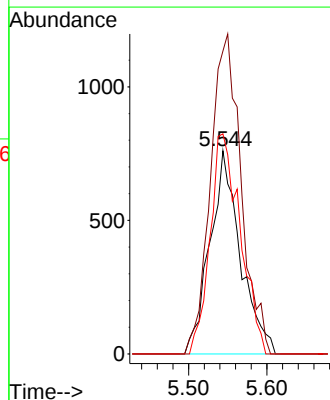
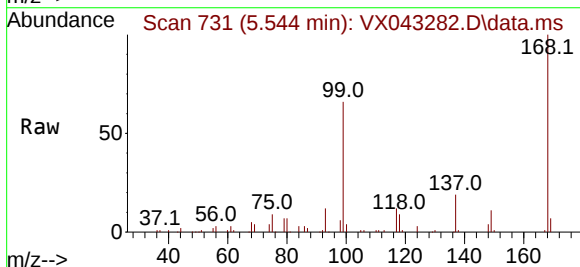
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

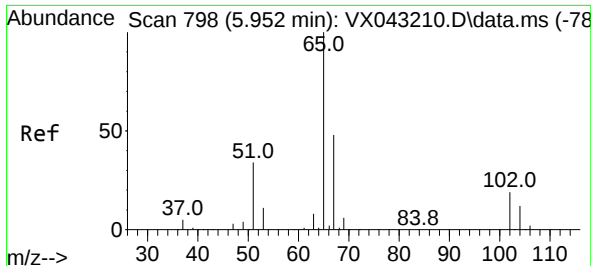
Tgt Ion: 63 Resp: 493
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.4#



#31
Cyclohexane
Concen: 1.461 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 149.0 25.8 38.6#
84 108.3 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 53.241 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043282.D

Acq: 04 Oct 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

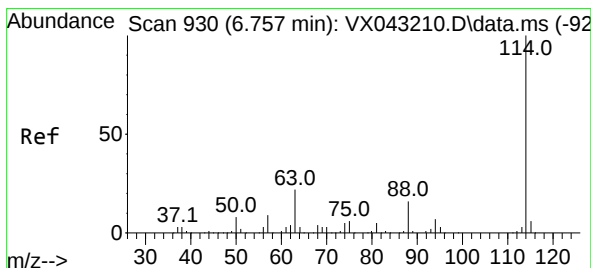
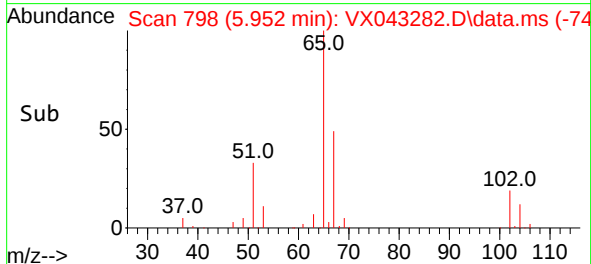
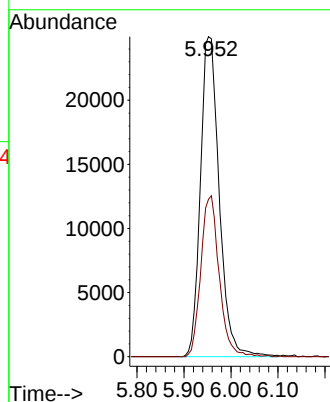
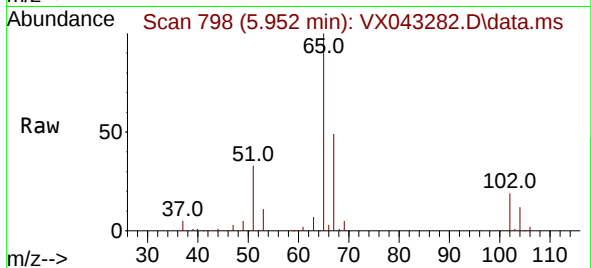
TT188S1-20240930

Tgt Ion: 65 Resp: 69428

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043282.D

Acq: 04 Oct 2024 12:32

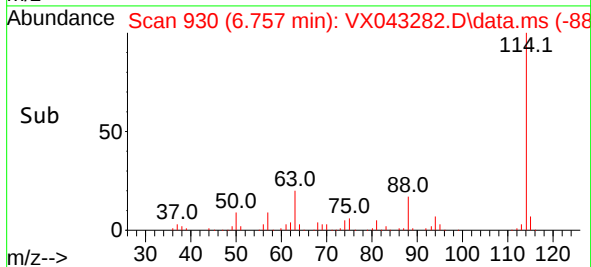
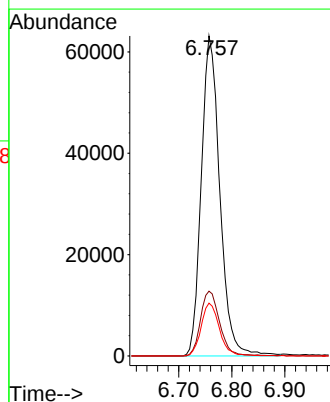
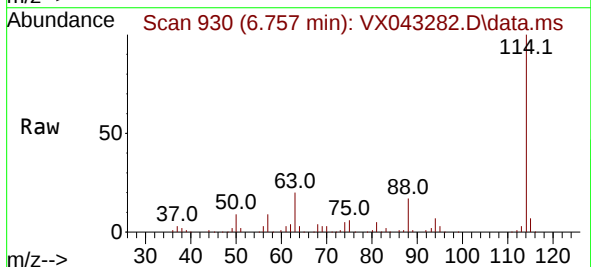
Tgt Ion: 114 Resp: 153493

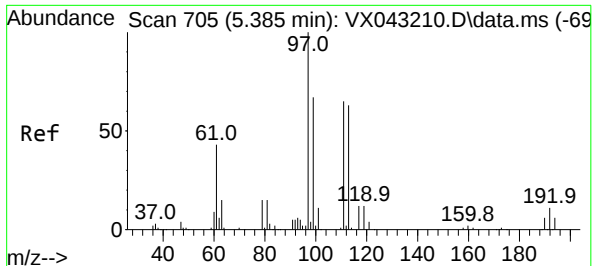
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.0

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.766 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043282.D

Acq: 04 Oct 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20240930

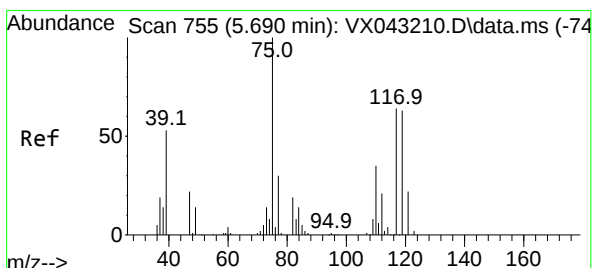
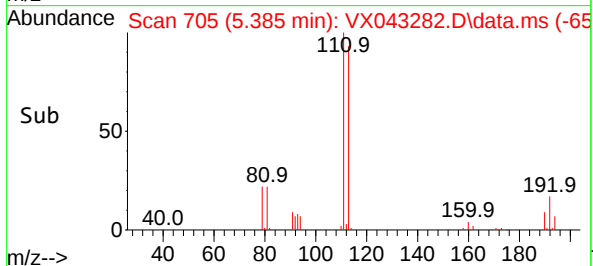
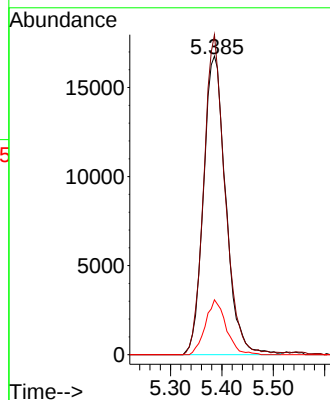
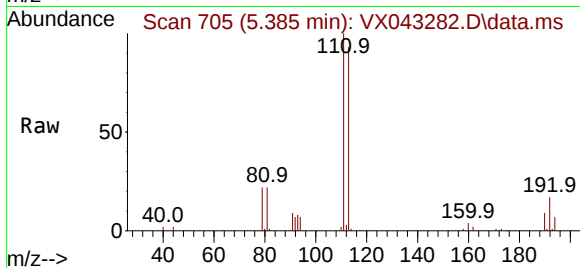
Tgt Ion:113 Resp: 50563

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

192 17.0 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043282.D

Acq: 04 Oct 2024 12:32

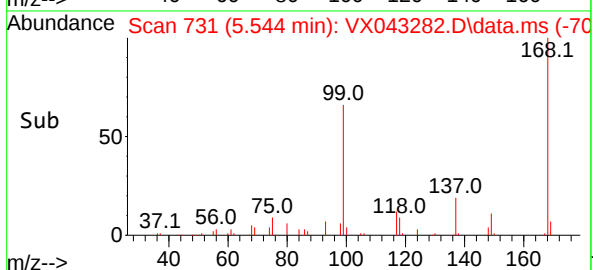
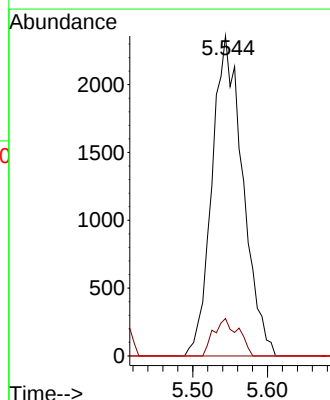
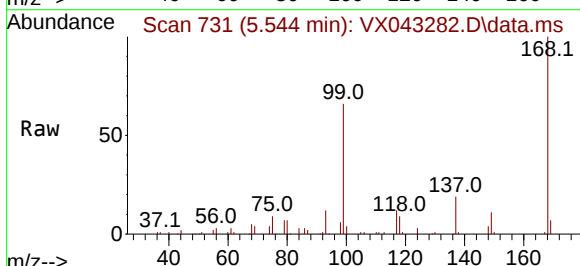
Tgt Ion: 75 Resp: 6772

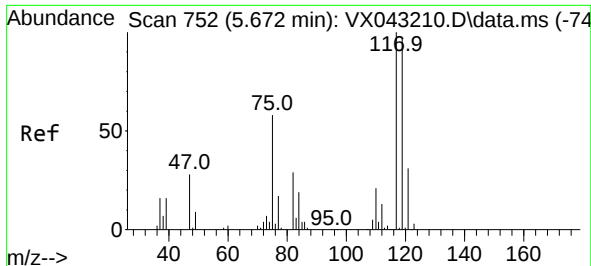
Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.3#

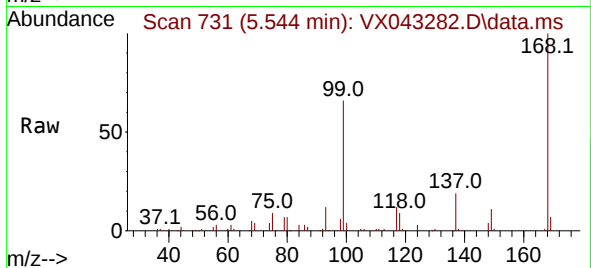
77 0.0 24.9 37.3#



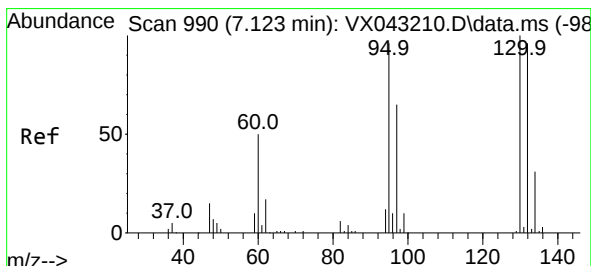
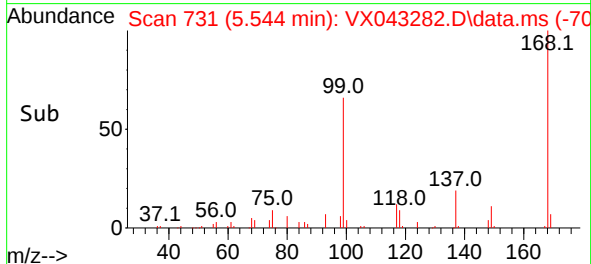
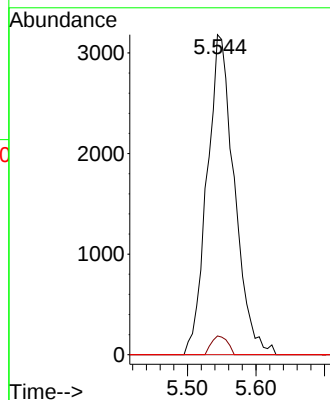


#38
Carbon Tetrachloride
Concen: 5.553 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

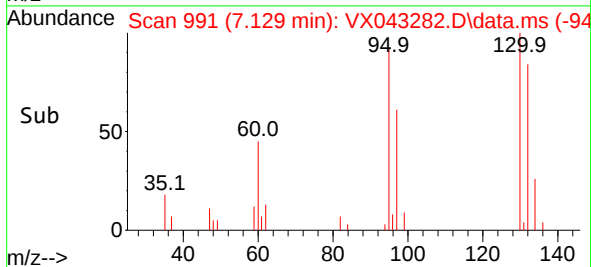
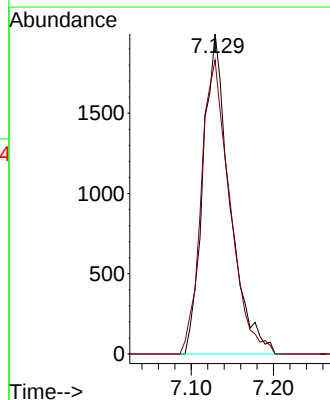
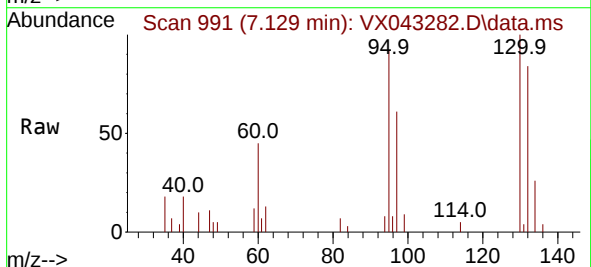


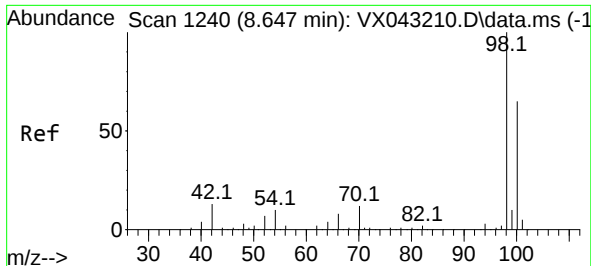
Tgt Ion:117 Resp: 8791
Ion Ratio Lower Upper
117 100
119 5.8 77.7 116.5#
121 0.0 24.3 36.5#



#44
Trichloroethene
Concen: 4.175 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion:130 Resp: 4490
Ion Ratio Lower Upper
130 100
95 91.9 0.0 192.2

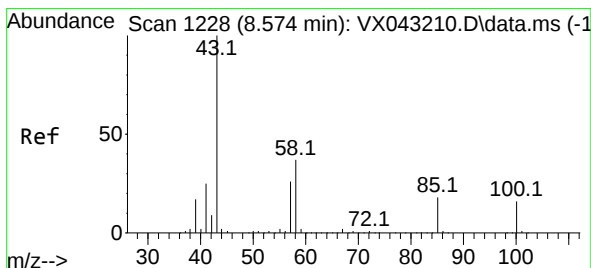
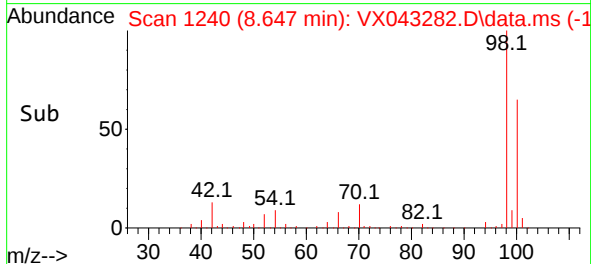
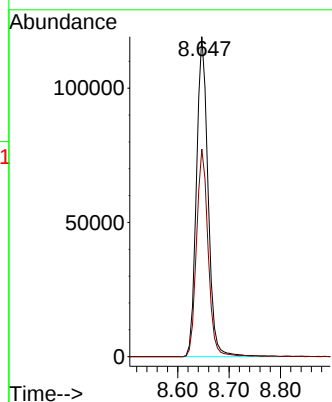
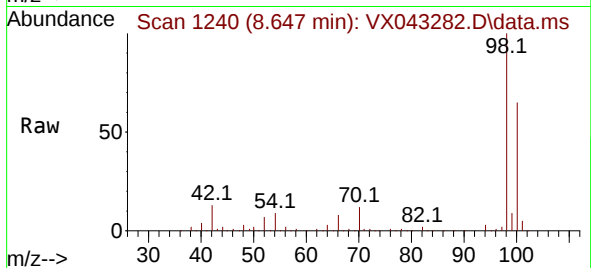




#50
Toluene-d8
Concen: 50.944 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

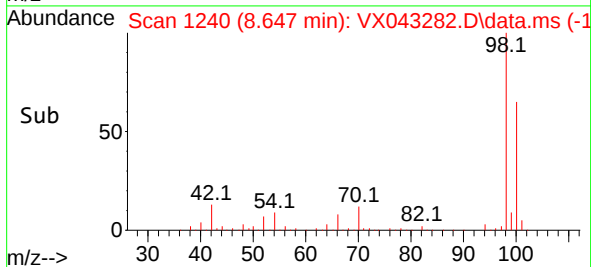
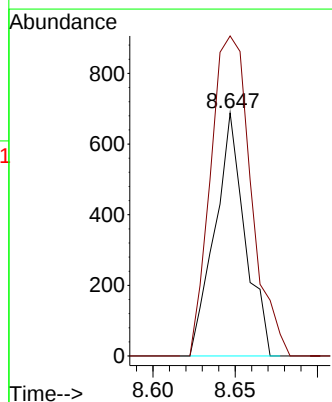
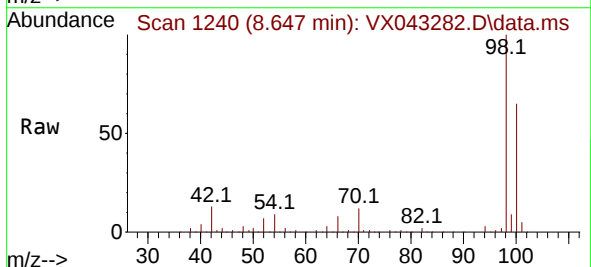
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

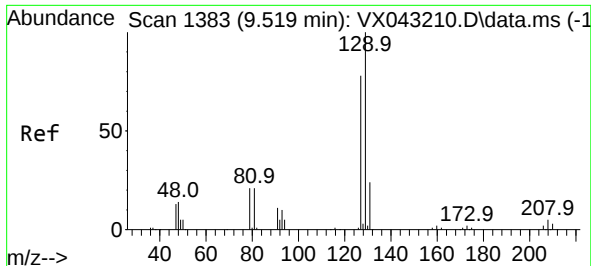
Tgt Ion: 98 Resp: 186881
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 177.0 30.0 45.0#

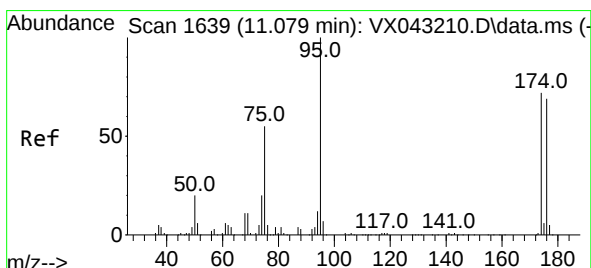
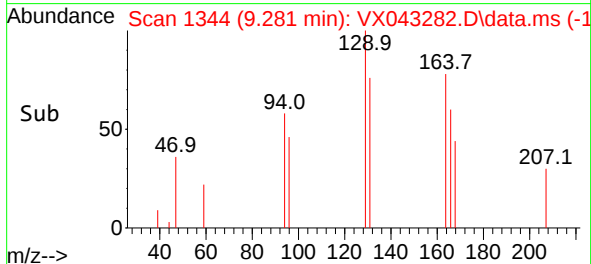
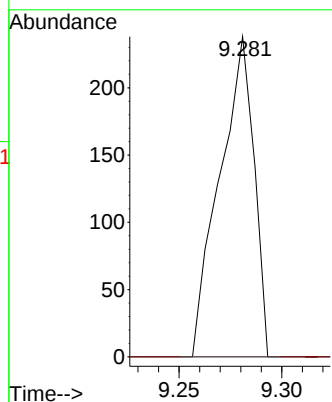
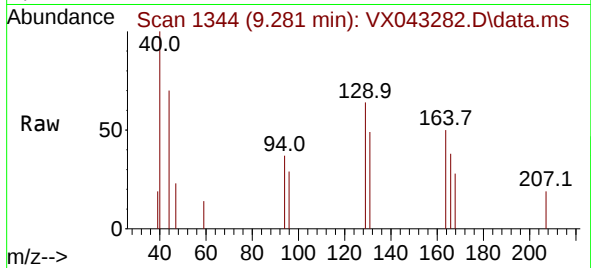




#60
Dibromochloromethane
Concen: 0.236 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

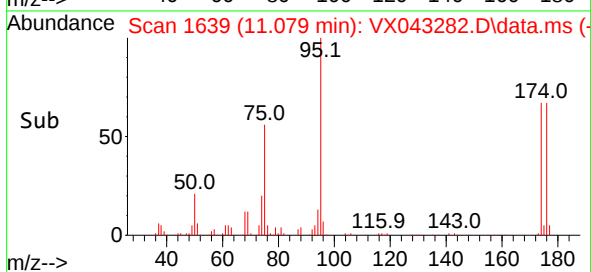
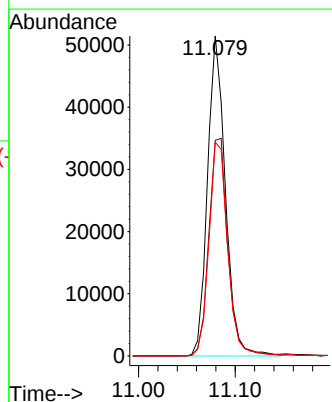
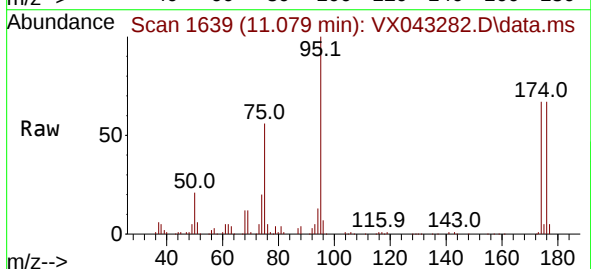
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

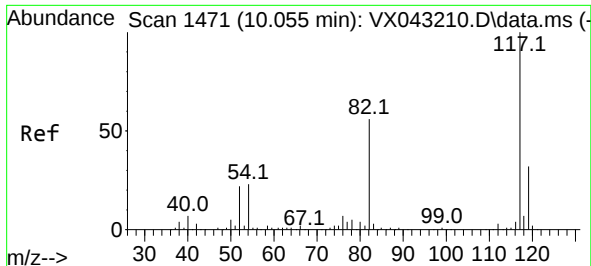
Tgt Ion:129 Resp: 276
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 49.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion: 95 Resp: 66228
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 69.7 0.0 143.0

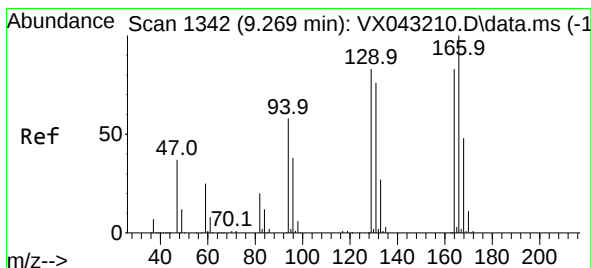
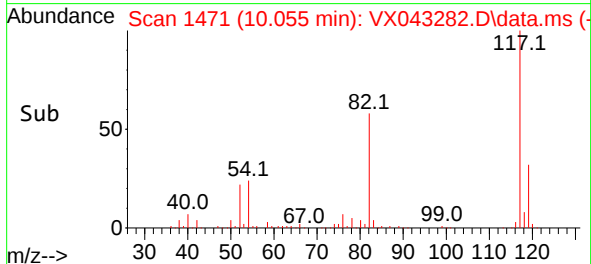
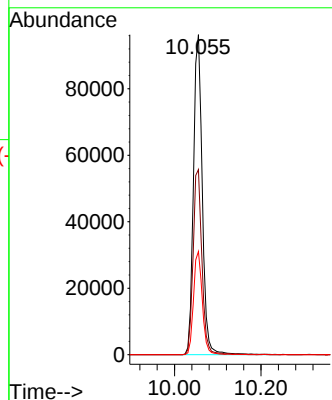
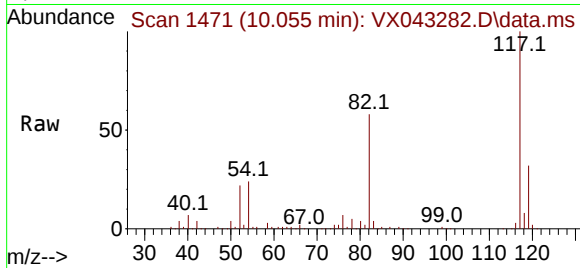




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

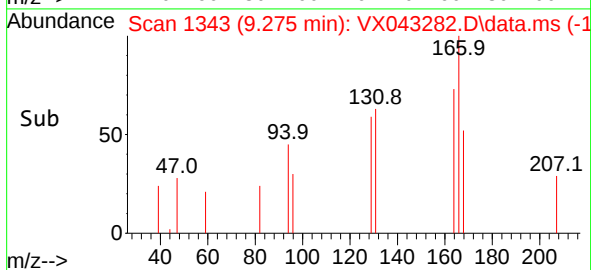
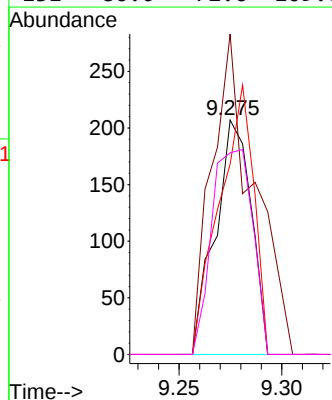
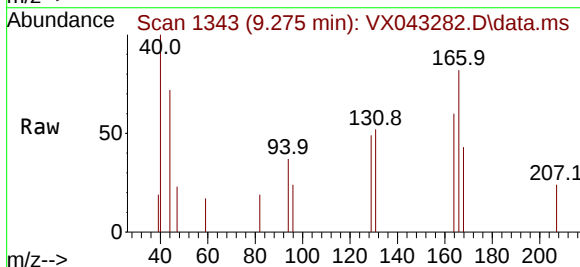
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930

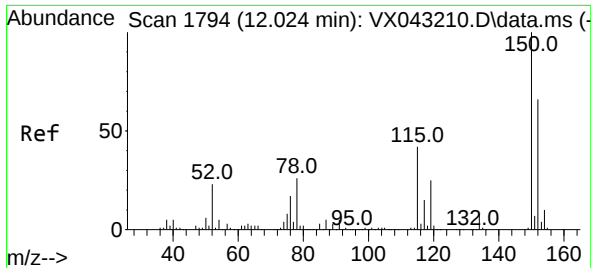
Tgt Ion:117 Resp: 136165
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.6
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 0.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Tgt Ion:164 Resp: 251
Ion Ratio Lower Upper
164 100
166 136.7 96.0 144.0
129 81.2 79.4 119.0
131 86.0 72.6 109.0

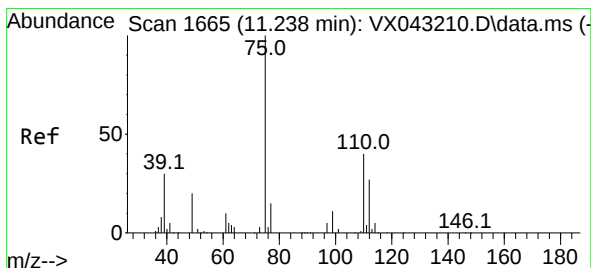
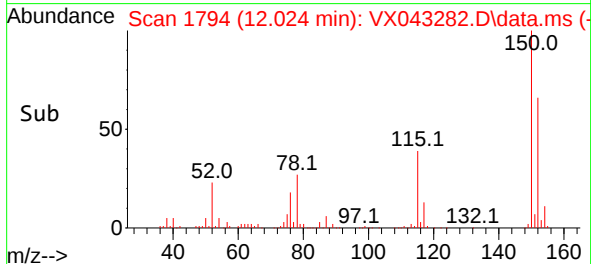
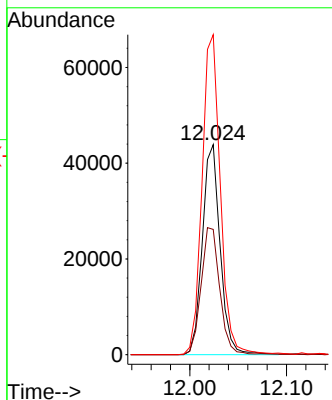
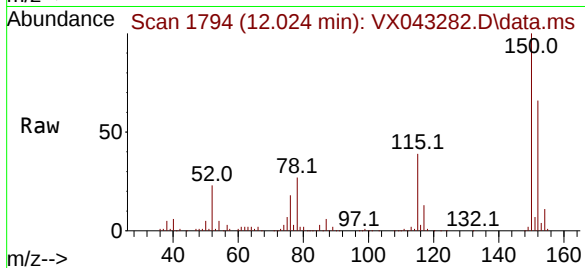




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043282.D
 Acq: 04 Oct 2024 12:32

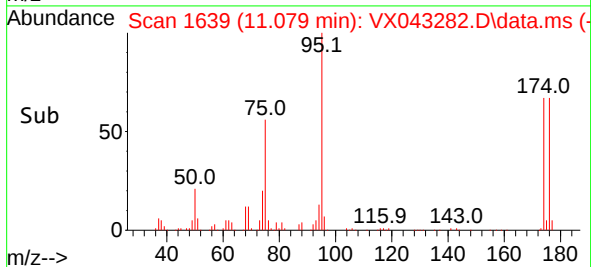
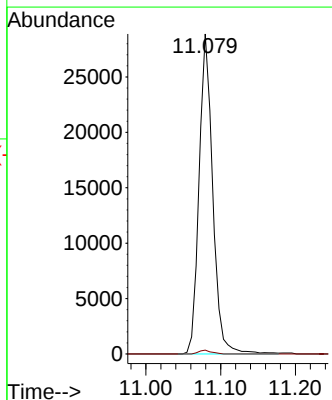
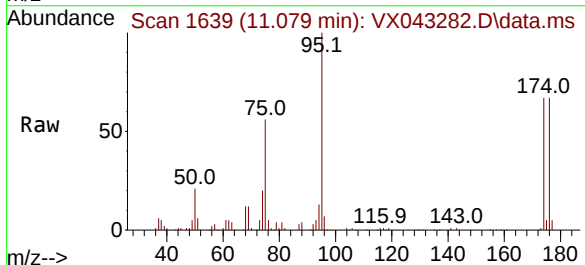
Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20240930

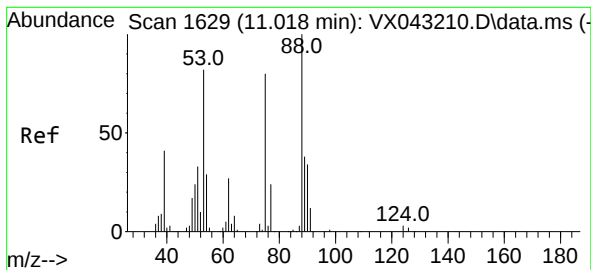
Tgt Ion:152 Resp: 56342
 Ion Ratio Lower Upper
 152 100
 115 63.7 44.1 132.3
 150 156.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 29.342 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043282.D
 Acq: 04 Oct 2024 12:32

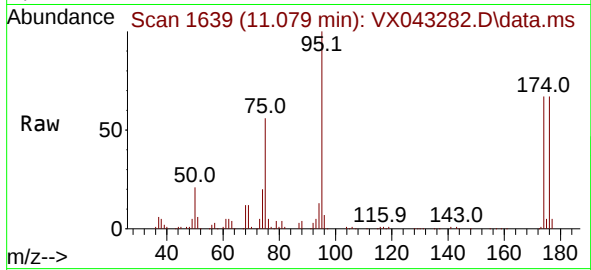
Tgt Ion: 75 Resp: 36670
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.045 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043282.D
Acq: 04 Oct 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20240930



Tgt Ion: 75 Resp: 36670
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

