

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045365.D
 Acq On : 20 Mar 2025 16:46
 Operator : JC/MD
 Sample : Q1582-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250313

Quant Time: Mar 21 01:50:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

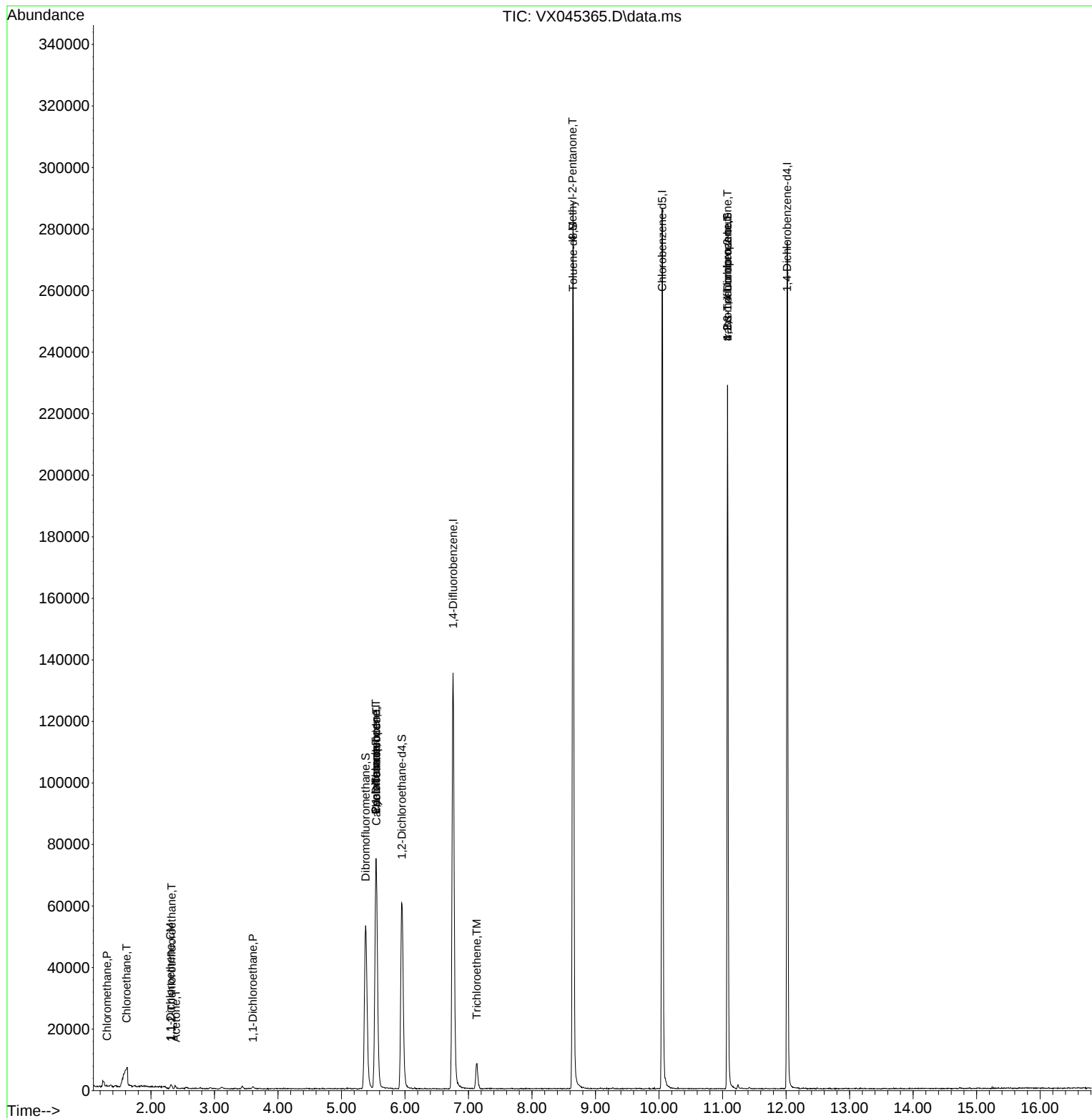
Internal Standards						
1) Pentafluorobenzene	5.544	168	66194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60912	57.851	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.700%	
35) Dibromofluoromethane	5.379	113	46162	52.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.100%	
50) Toluene-d8	8.647	98	164463	51.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	11.079	95	57646	54.105	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	369	0.362	ug/l #	54
6) Chloroethane	1.617	64	127	0.272	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.325	101	333	0.433	ug/l	92
12) 1,1-Dichloroethene	2.306	96	217	0.267	ug/l #	67
16) Acetone	2.392	43	761	1.558	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	1076	0.652	ug/l #	83
31) Cyclohexane	5.544	56	1816	1.268	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	6308	5.186	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7548	6.113	ug/l #	15
44) Trichloroethene	7.129	130	3312	3.672	ug/l	91
51) 4-Methyl-2-Pentanone	8.641	43	897	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32509	27.330	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32509	93.527	ug/l #	6

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

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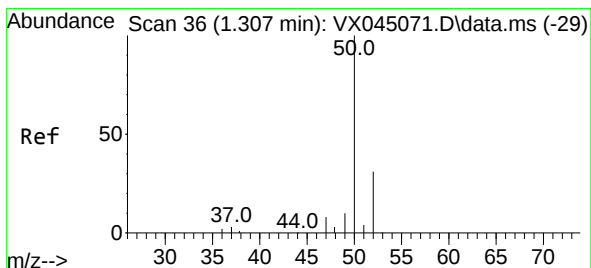
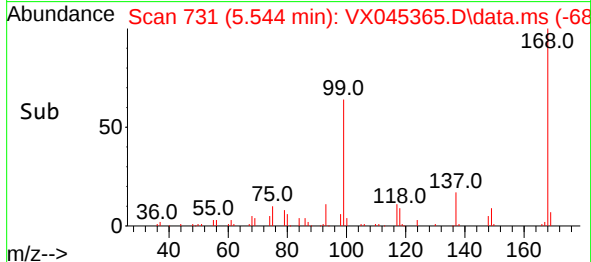
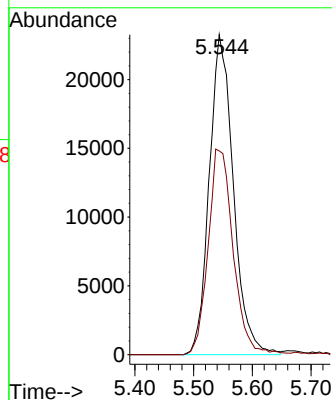
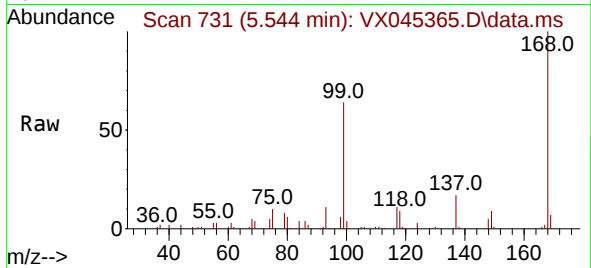




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

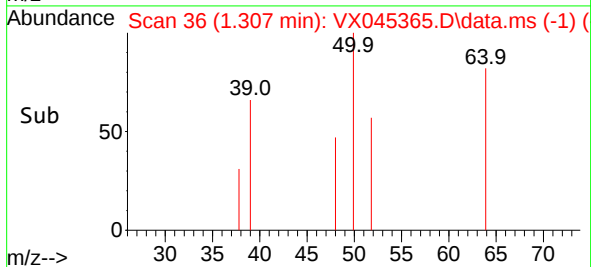
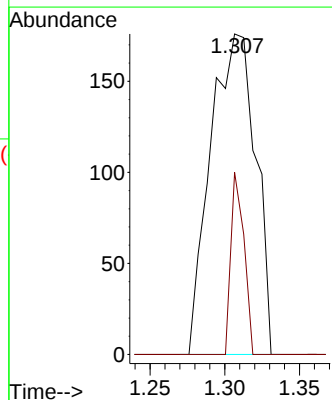
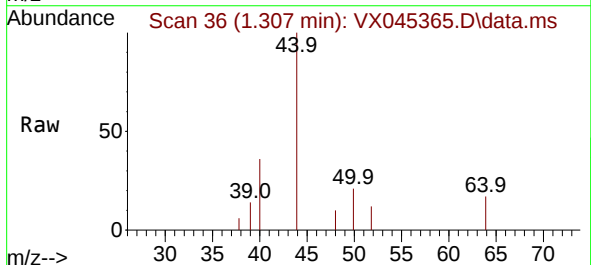
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

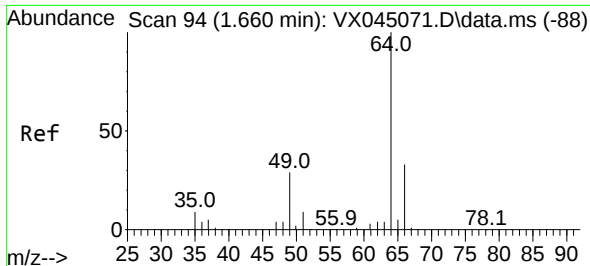
Tgt Ion:168 Resp: 66194
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Tgt Ion: 50 Resp: 369
Ion Ratio Lower Upper
50 100
52 56.8 25.0 37.4#

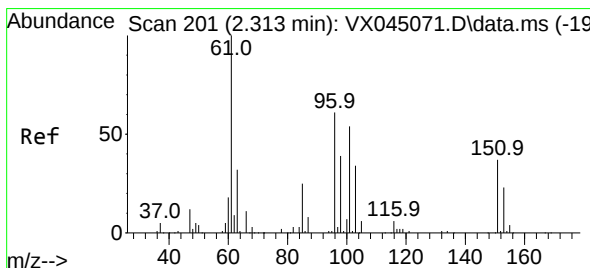
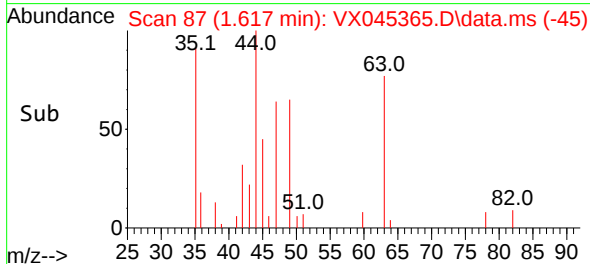
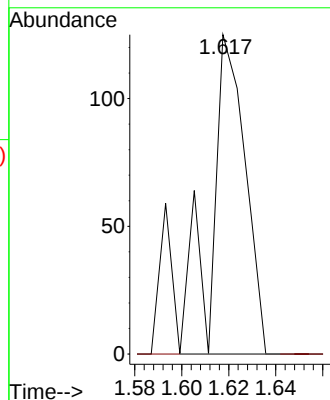
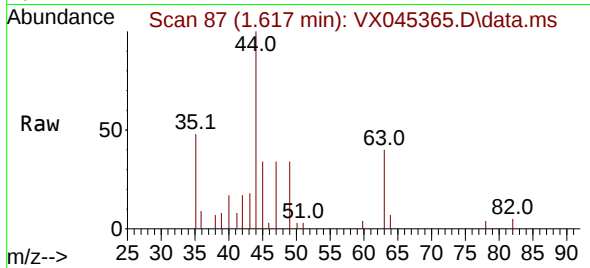




#6
Chloroethane
Concen: 0.272 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.043 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

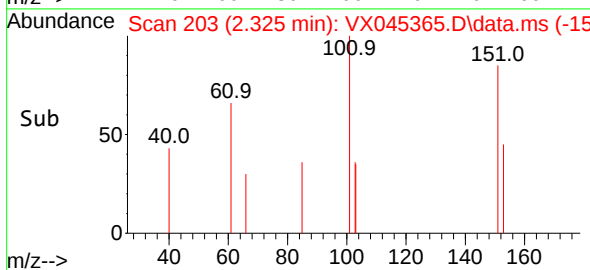
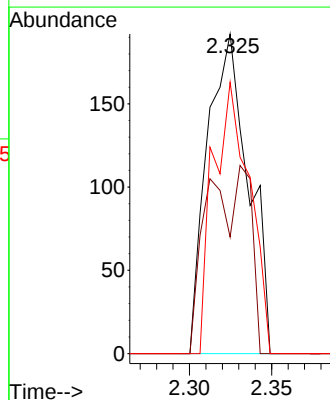
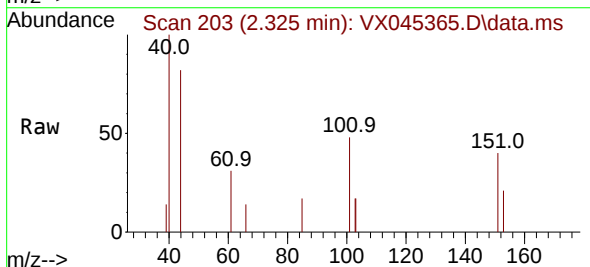
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

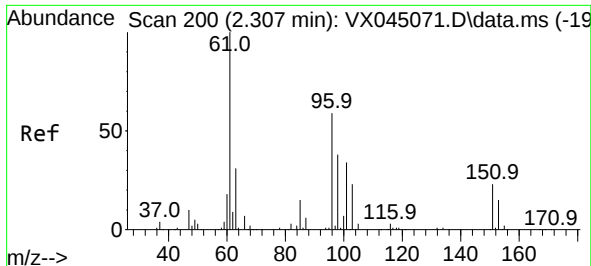
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.433 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Tgt Ion: 101 Resp: 333
Ion Ratio Lower Upper
101 100
85 37.8 36.2 54.4
151 75.1 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.267 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045365.D

Acq: 20 Mar 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

TT180D-20250313

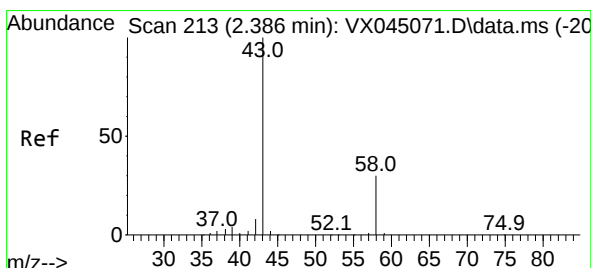
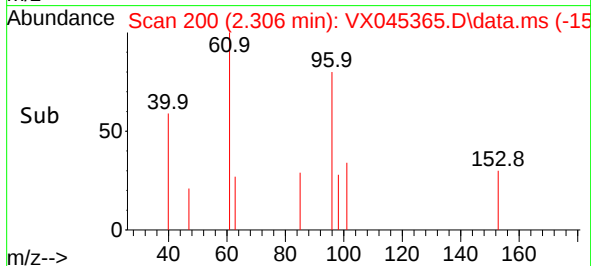
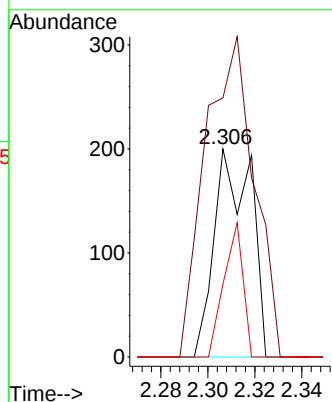
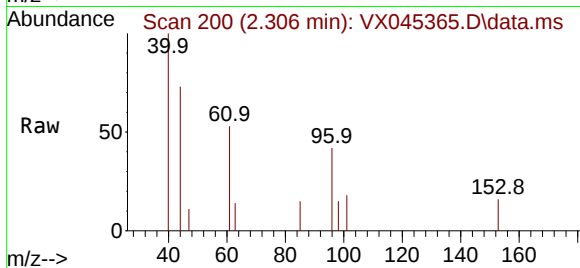
Tgt Ion: 96 Resp: 217

Ion Ratio Lower Upper

96 100

61 124.5 134.6 202.0#

98 35.0 51.0 76.6#



#16

Acetone

Concen: 1.558 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045365.D

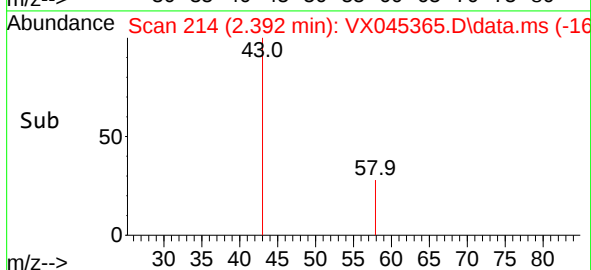
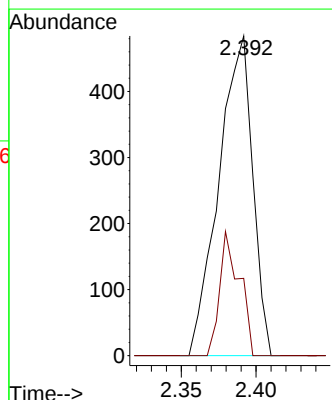
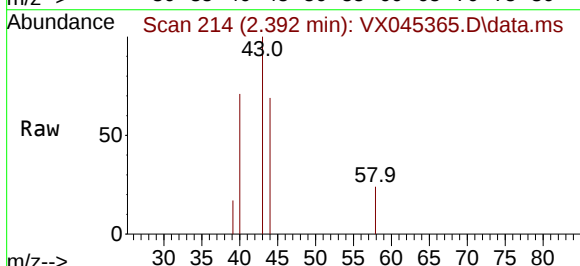
Acq: 20 Mar 2025 16:46

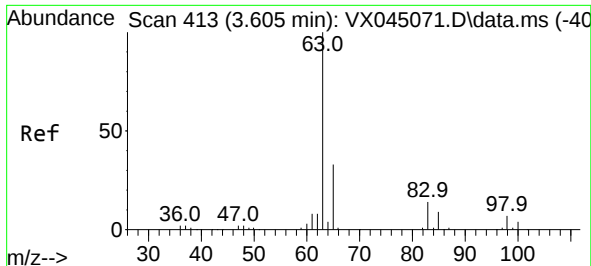
Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

58 24.2 24.2 36.4#

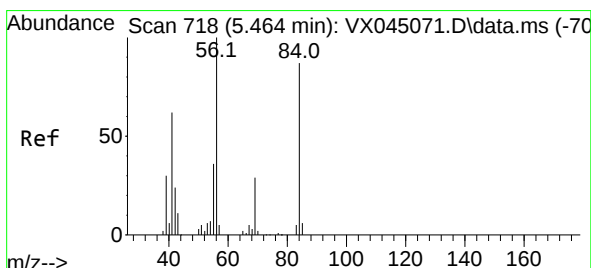
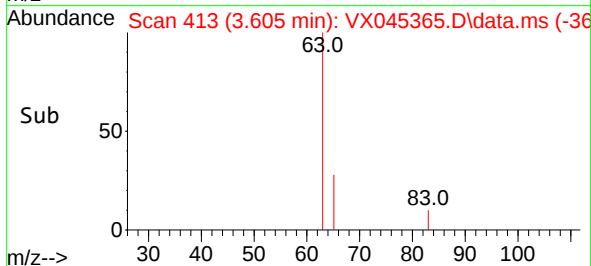
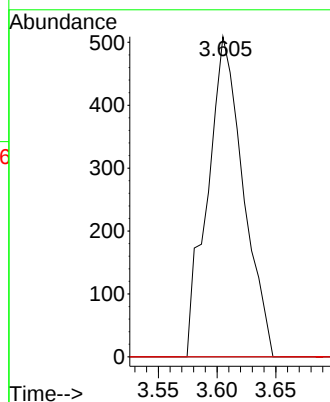
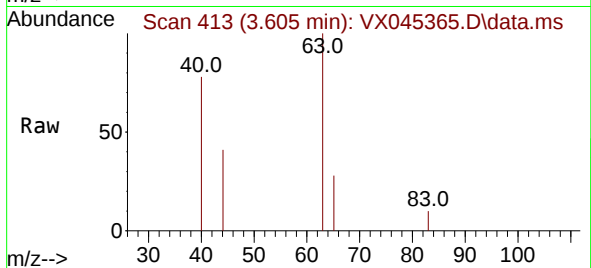




#24
1,1-Dichloroethane
Concen: 0.652 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

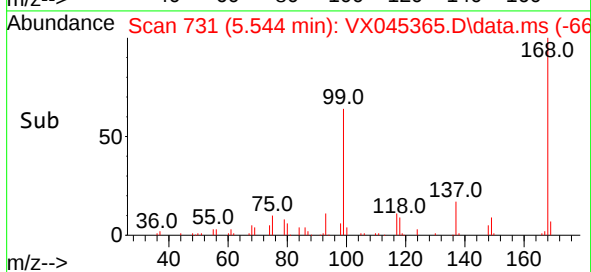
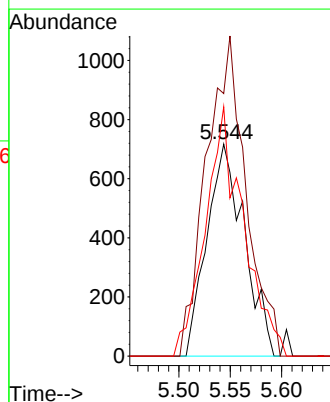
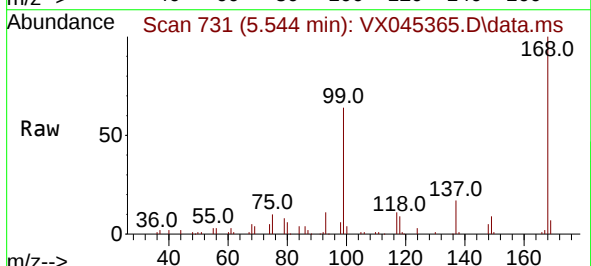
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

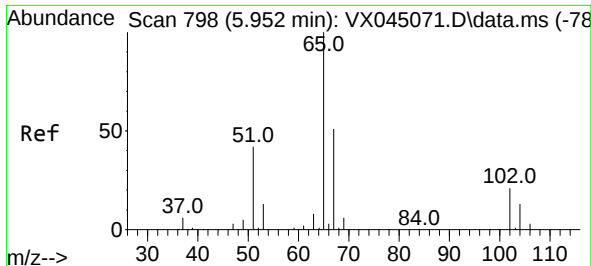
Tgt Ion: 63 Resp: 1076
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Tgt Ion: 56 Resp: 1816
Ion Ratio Lower Upper
56 100
69 123.8 23.4 35.2#
84 108.6 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 57.851 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045365.D

Acq: 20 Mar 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

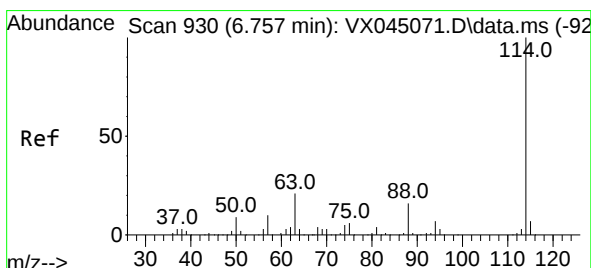
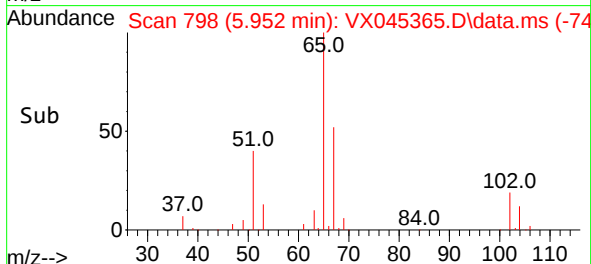
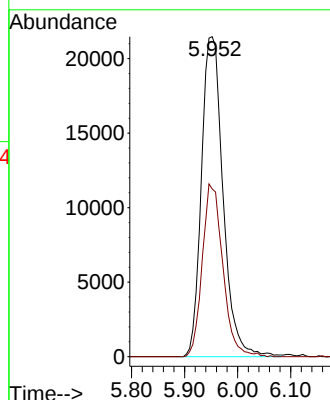
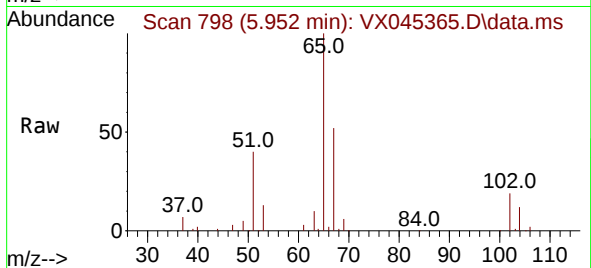
TT180D-20250313

Tgt Ion: 65 Resp: 60912

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045365.D

Acq: 20 Mar 2025 16:46

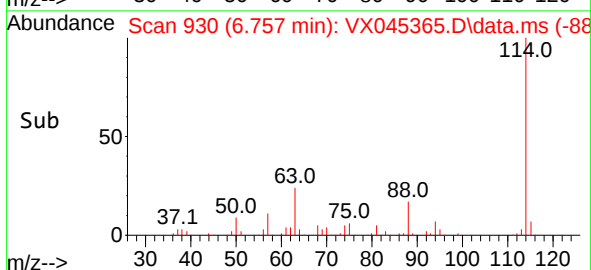
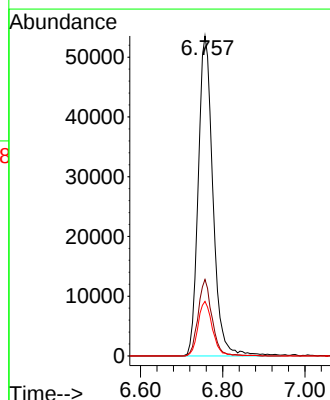
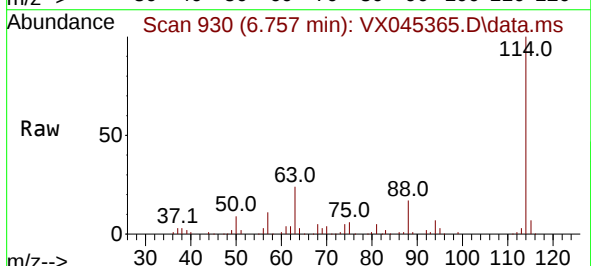
Tgt Ion: 114 Resp: 132635

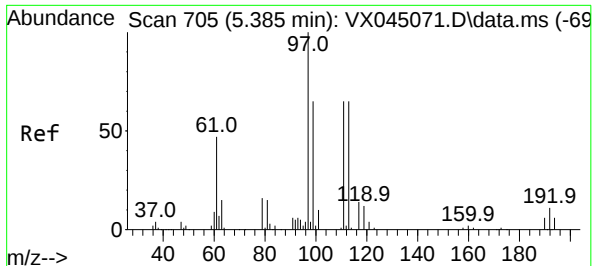
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.049 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045365.D

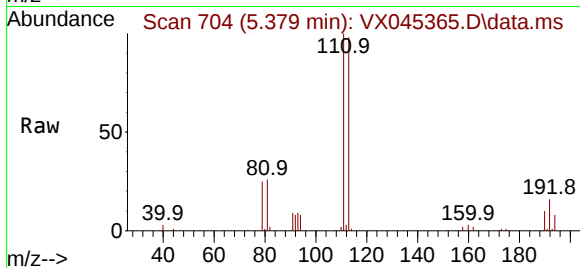
Acq: 20 Mar 2025 16:46

Instrument :

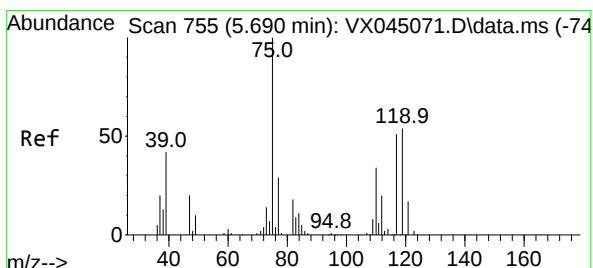
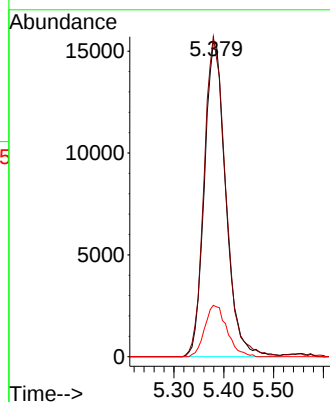
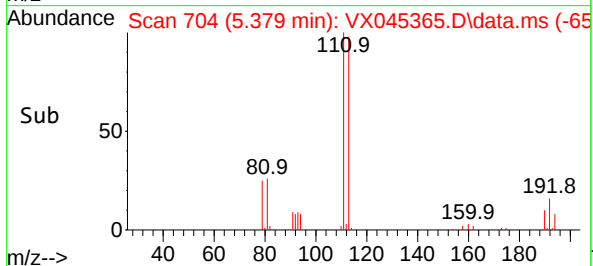
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	46162
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	16.9	14.3	21.5



#36

1,1-Dichloropropene

Concen: 5.186 ug/l

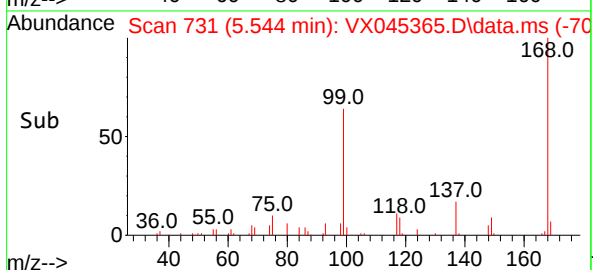
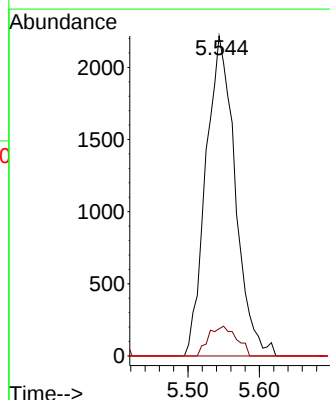
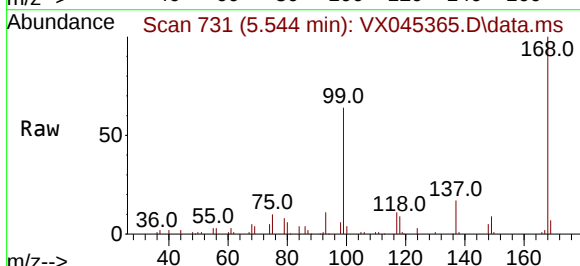
RT: 5.544 min Scan# 731

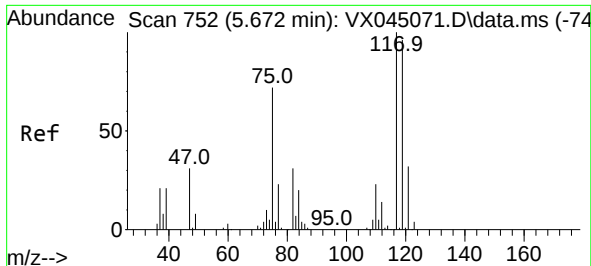
Delta R.T. -0.146 min

Lab File: VX045365.D

Acq: 20 Mar 2025 16:46

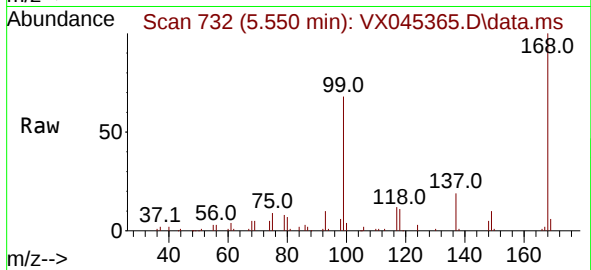
Tgt Ion:	75	Resp:	6308
Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.9	50.6#
77	0.0	24.5	36.7#



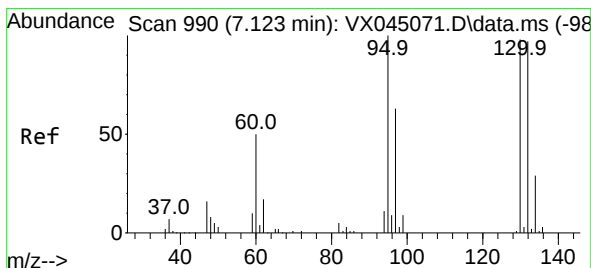
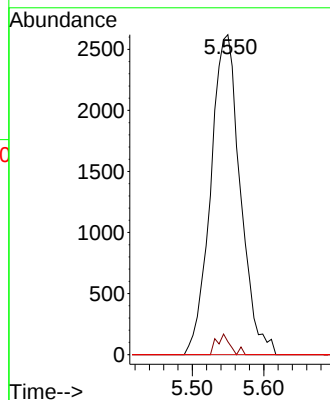
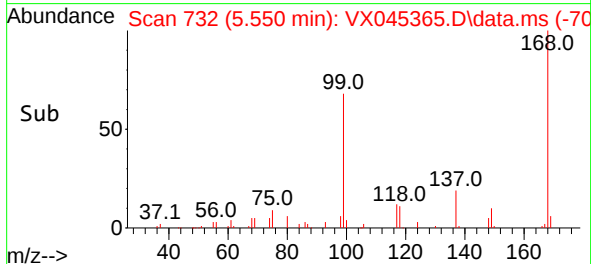


#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

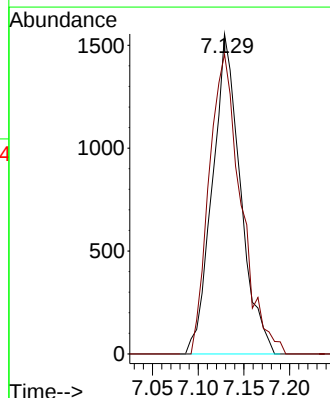
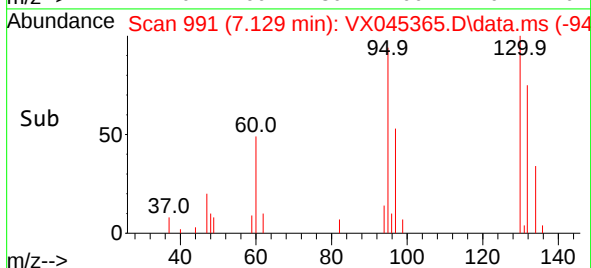
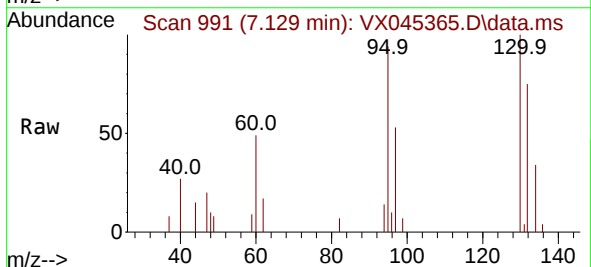


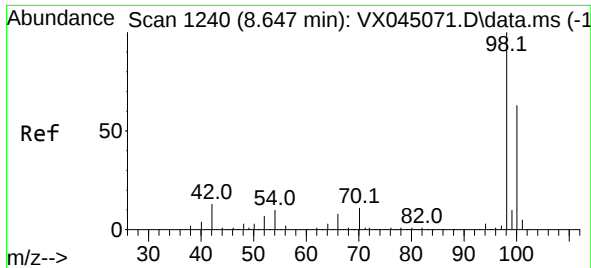
Tgt Ion:117 Resp: 7548
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 3.672 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Tgt Ion:130 Resp: 3312
Ion Ratio Lower Upper
130 100
95 93.7 0.0 205.0

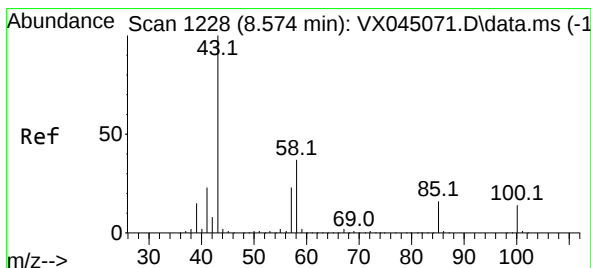
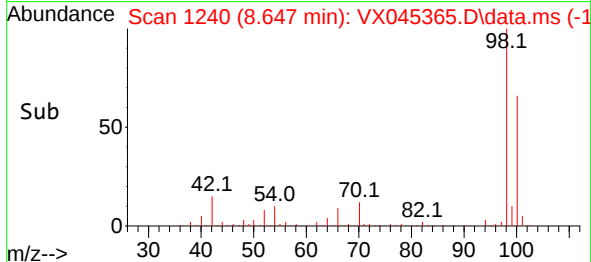
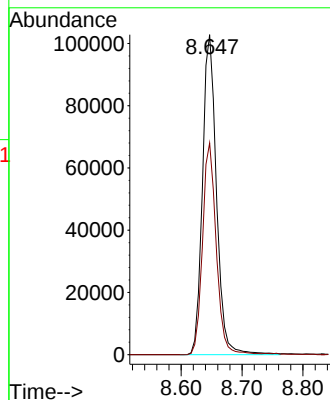
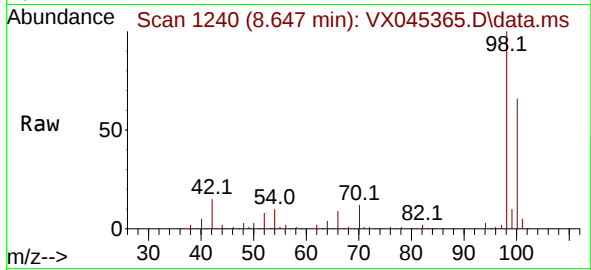




#50
Toluene-d8
Concen: 51.150 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

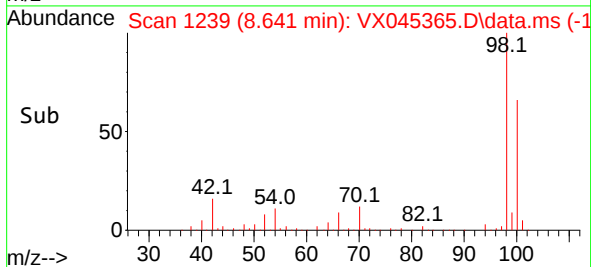
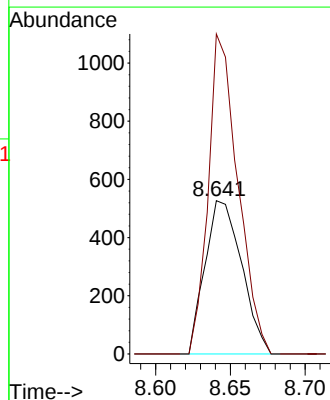
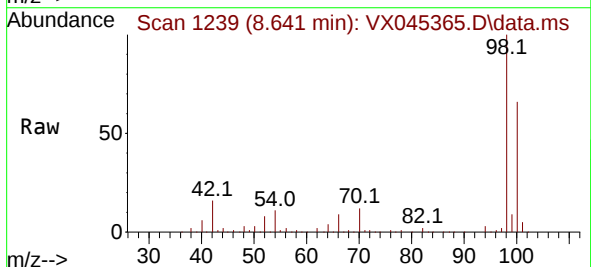
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

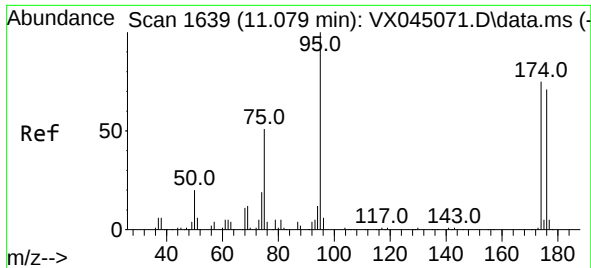
Tgt Ion: 98 Resp: 164463
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 169.5 29.2 43.8#

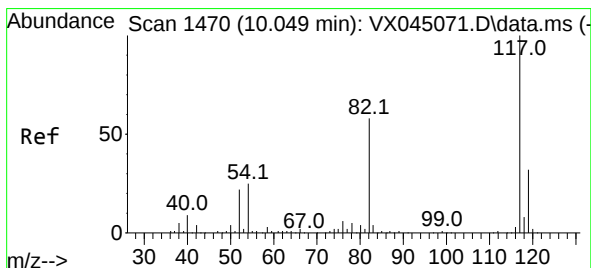
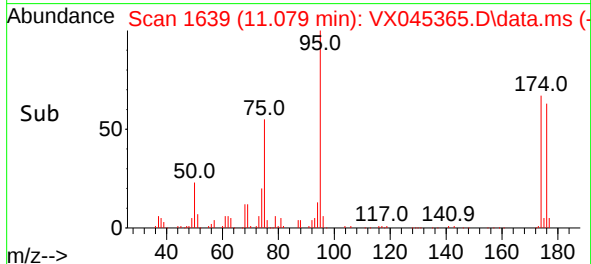
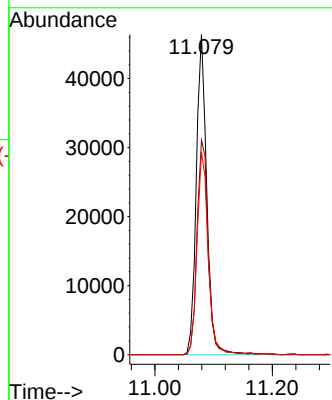
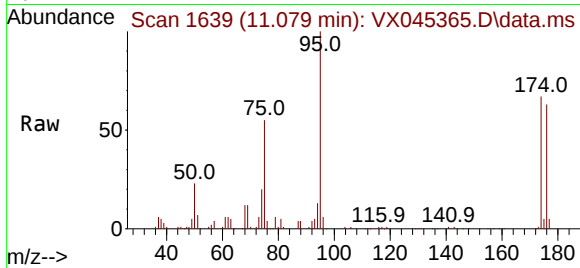




#62
4-Bromofluorobenzene
Concen: 54.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

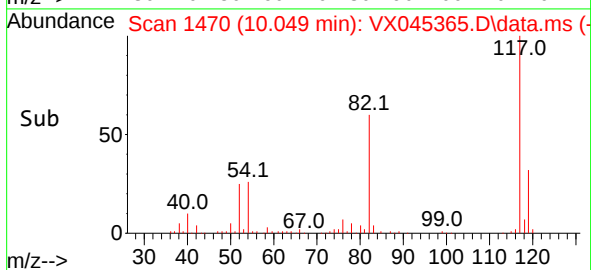
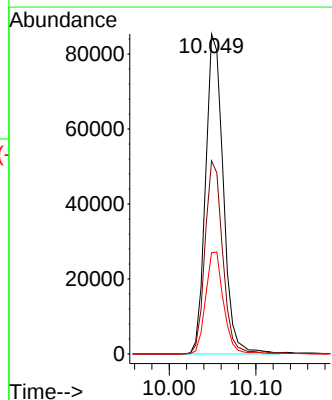
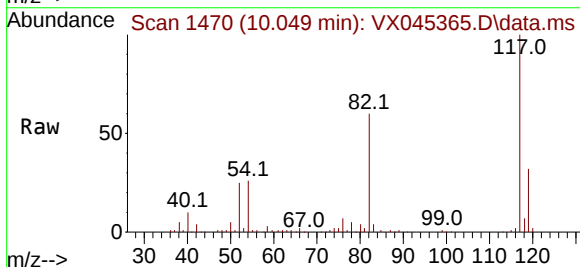
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313

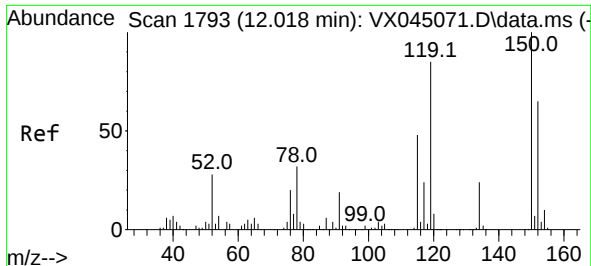
Tgt Ion: 95 Resp: 57646
Ion Ratio Lower Upper
95 100
174 71.5 0.0 148.2
176 67.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Tgt Ion: 117 Resp: 121314
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 31.6 25.7 38.5

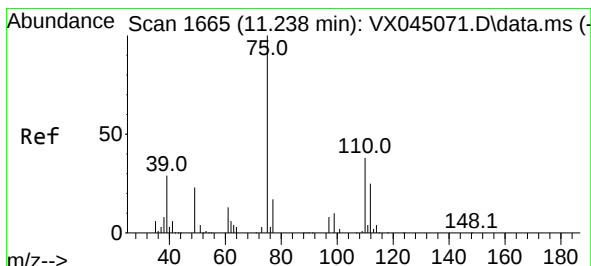
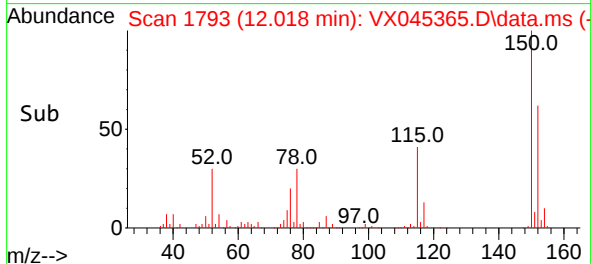
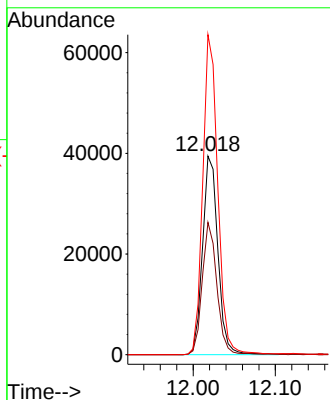
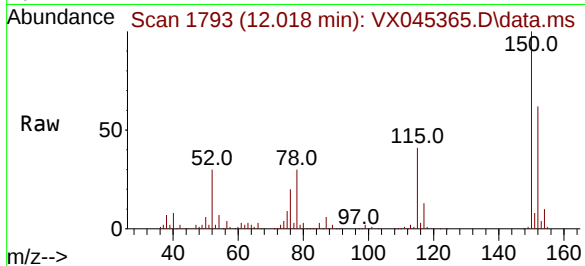




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045365.D
 Acq: 20 Mar 2025 16:46

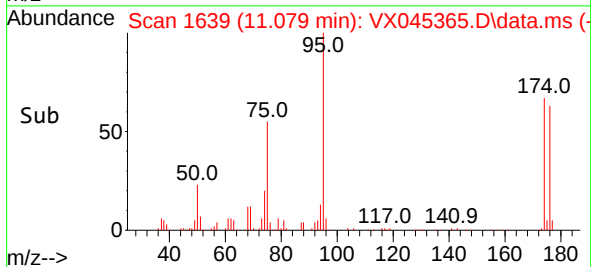
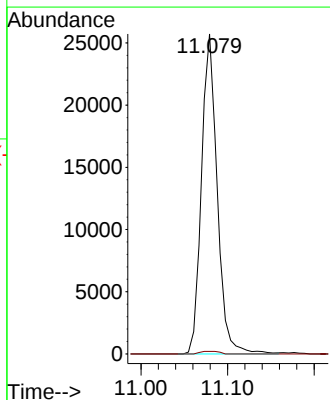
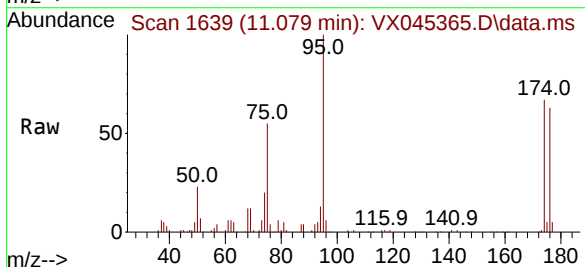
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250313

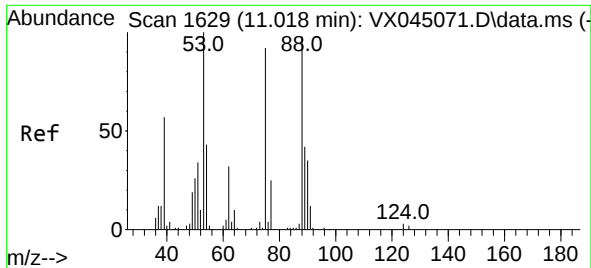
Tgt Ion:152 Resp: 51107
 Ion Ratio Lower Upper
 152 100
 115 64.0 44.2 132.6
 150 157.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.330 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045365.D
 Acq: 20 Mar 2025 16:46

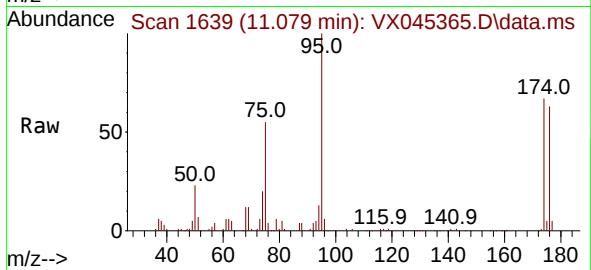
Tgt Ion: 75 Resp: 32509
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.527 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045365.D
Acq: 20 Mar 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250313



Tgt Ion: 75 Resp: 32509
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

