

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044547.D
 Acq On : 30 Dec 2024 16:32
 Operator : JC/MD
 Sample : P5376-05 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-07-20241218

Quant Time: Dec 31 00:32:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

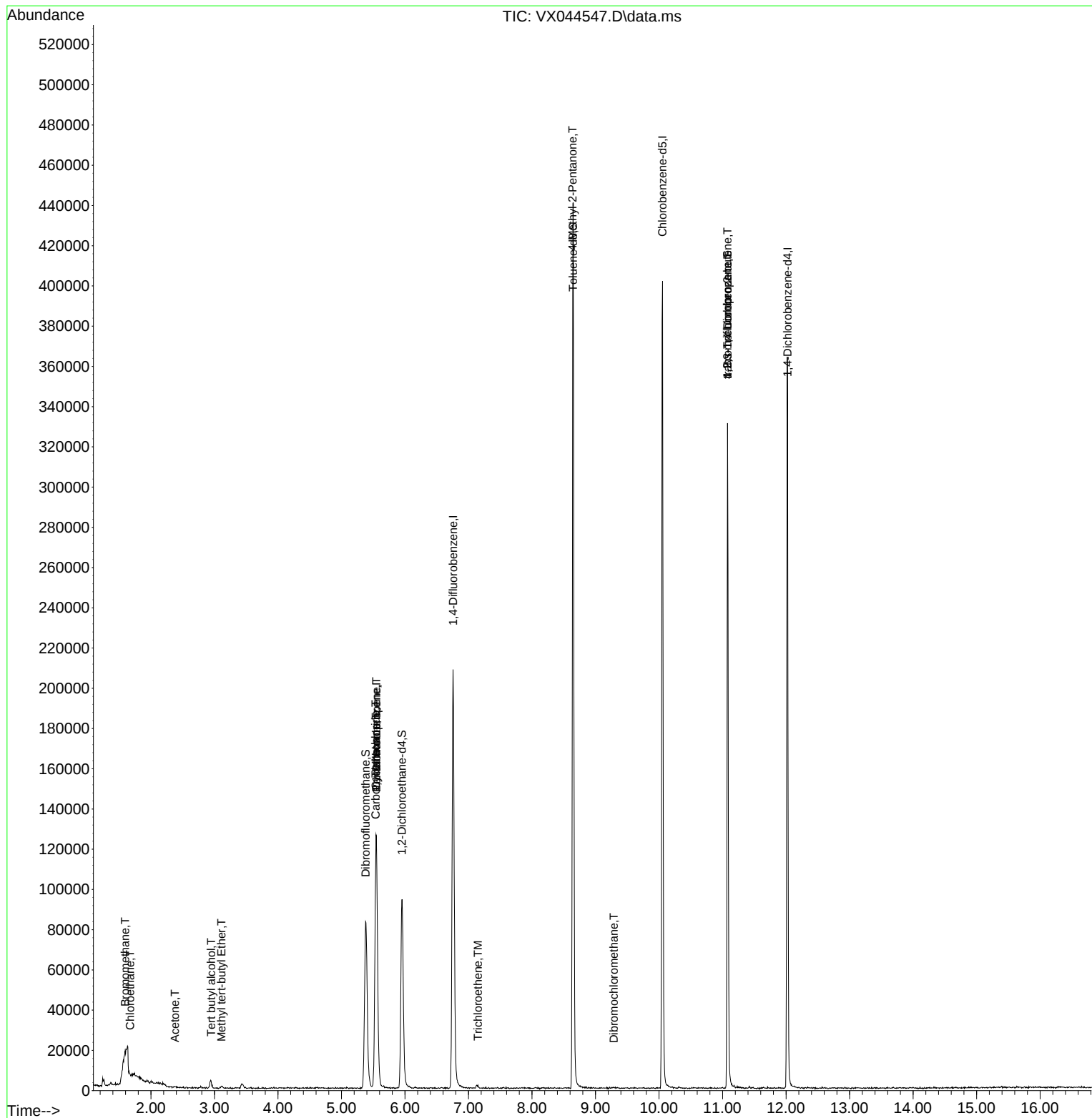
Internal Standards						
1) Pentafluorobenzene	5.550	168	120346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91910	43.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.120%
35) Dibromofluoromethane	5.379	113	72544	49.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.080%
50) Toluene-d8	8.647	98	261182	52.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.720%
62) 4-Bromofluorobenzene	11.079	95	83314	48.259	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	284	0.216	ug/l	93
6) Chloroethane	1.672	64	303	0.262	ug/l #	41
11) Tert butyl alcohol	2.946	59	2103	7.072	ug/l #	71
16) Acetone	2.380	43	533	0.620	ug/l #	48
19) Methyl tert-butyl Ether	3.111	73	1129	0.214	ug/l #	87
31) Cyclohexane	5.544	56	2694	1.183	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	10131	5.352	ug/l #	51
38) Carbon Tetrachloride	5.537	117	12164	5.968	ug/l #	18
44) Trichloroethene	7.147	130	654	0.456	ug/l	95
51) 4-Methyl-2-Pentanone	8.641	43	1225	0.521	ug/l #	1
60) Dibromochloromethane	9.287	129	43	1.260	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	43902	26.061	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	43902	71.923	ug/l #	4

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
Data File : VX044547.D
Acq On : 30 Dec 2024 16:32
Operator : JC/MD
Sample : P5376-05 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

Quant Time: Dec 31 00:32:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

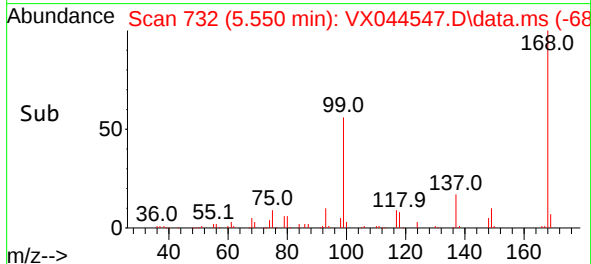
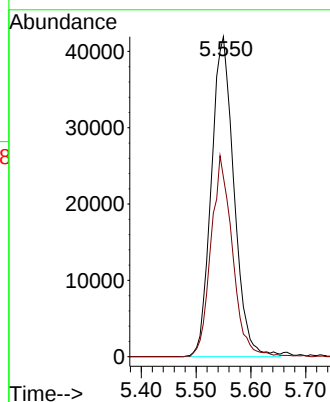
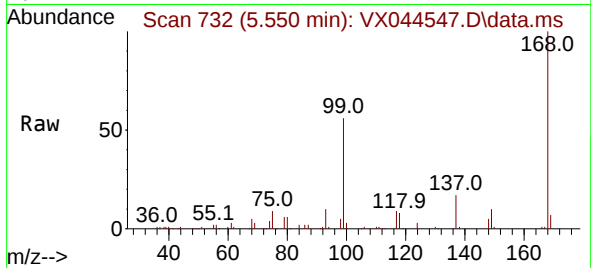




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

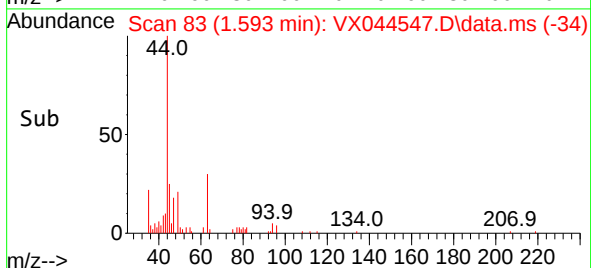
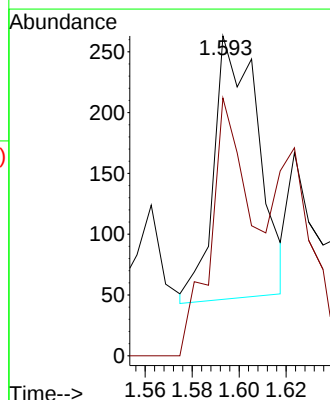
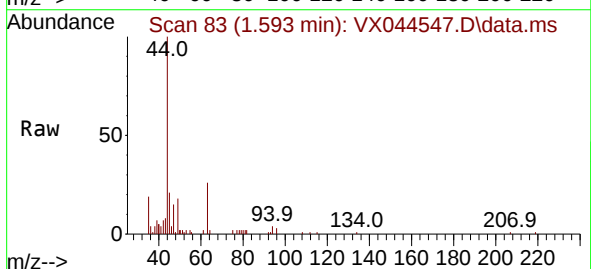
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

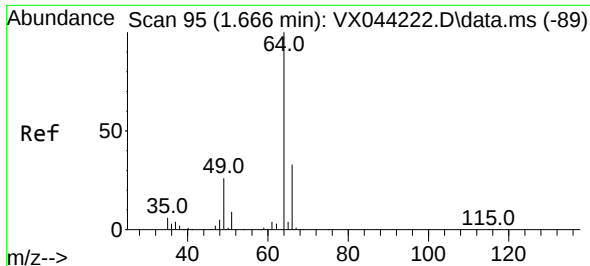
Tgt Ion:168 Resp: 120346
Ion Ratio Lower Upper
168 100
99 56.1 53.4 80.0



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 100.0 74.9 112.3

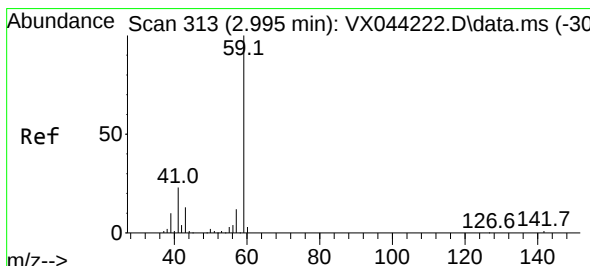
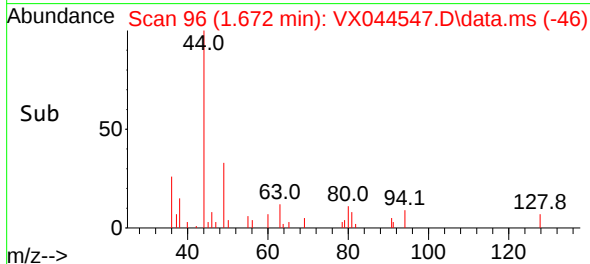
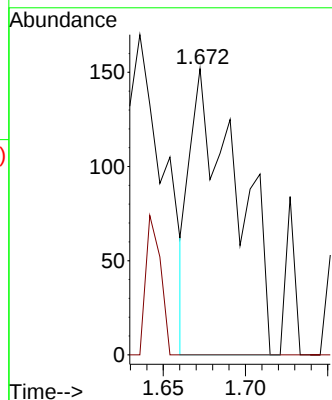
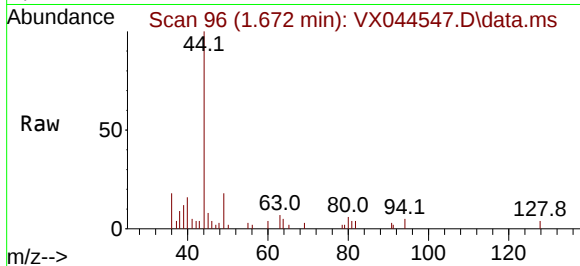




#6
Chloroethane
Concen: 0.262 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

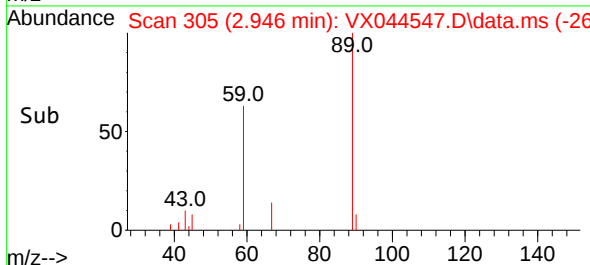
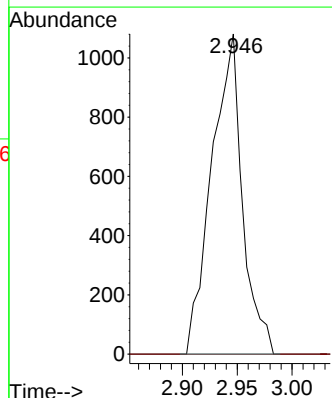
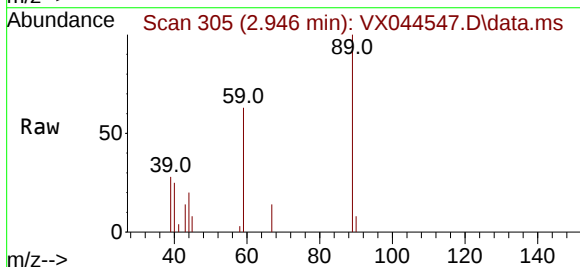
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

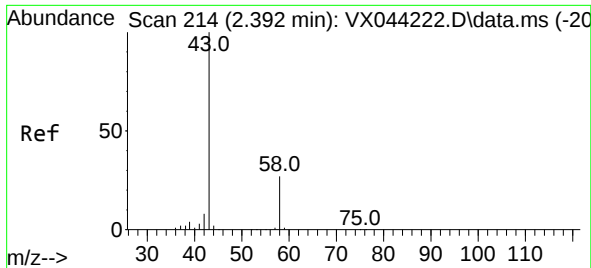
Tgt Ion: 64 Resp: 303
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 7.072 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 59 Resp: 2103
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#16

Acetone

Concen: 0.620 ug/l

RT: 2.380 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX044547.D

Acq: 30 Dec 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

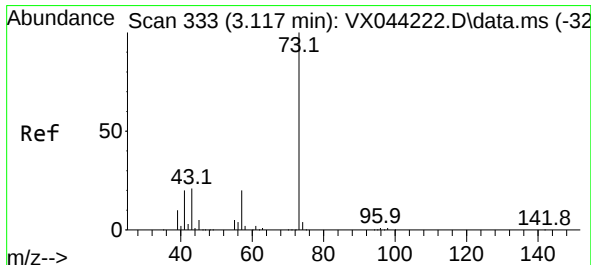
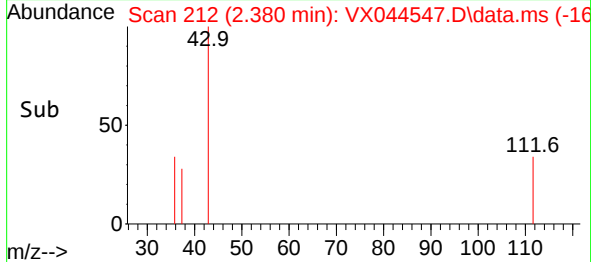
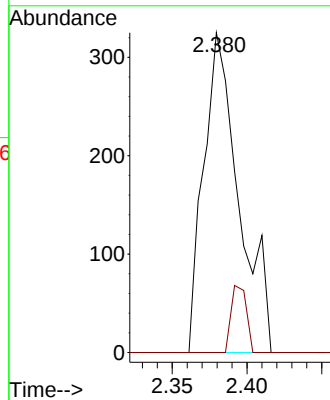
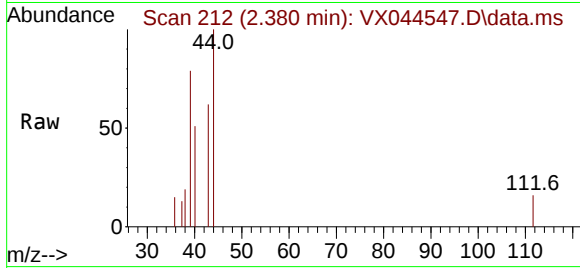
DUP-07-20241218

Tgt Ion: 43 Resp: 533

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



#19

Methyl tert-butyl Ether

Concen: 0.214 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX044547.D

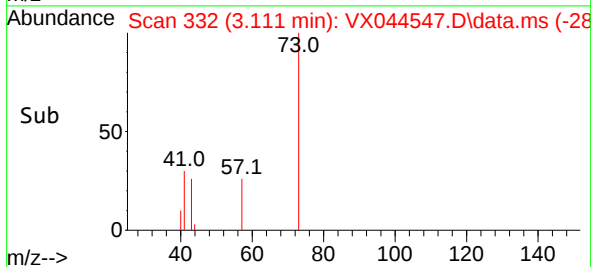
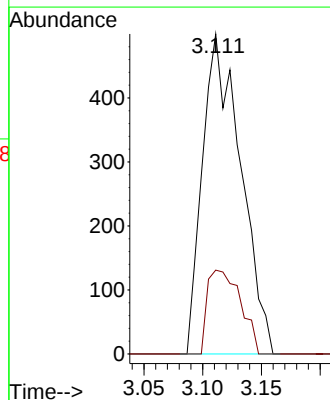
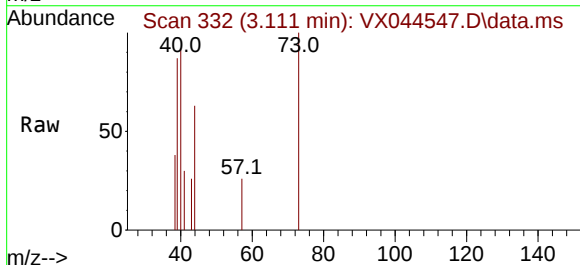
Acq: 30 Dec 2024 16:32

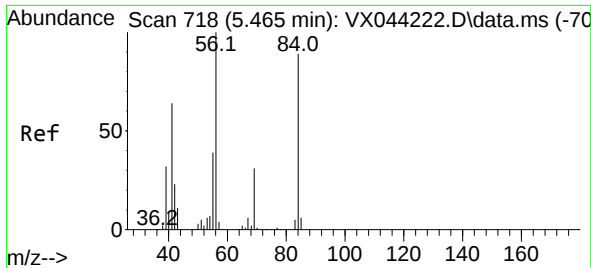
Tgt Ion: 73 Resp: 1129

Ion Ratio Lower Upper

73 100

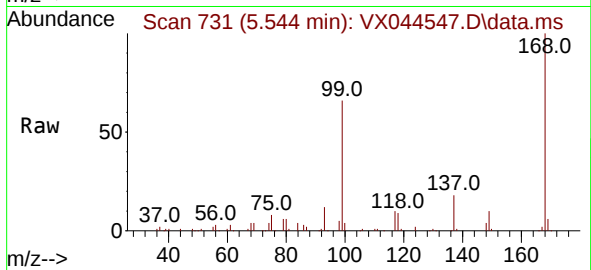
57 26.2 16.2 24.4#



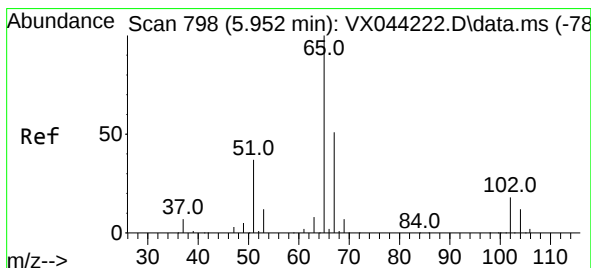
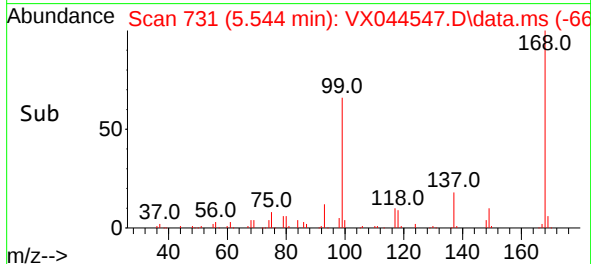
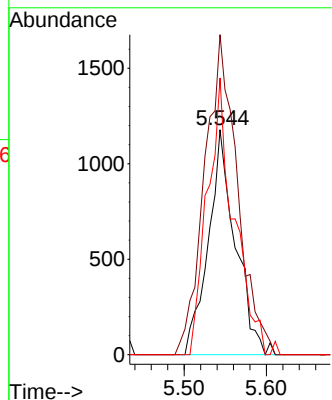


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

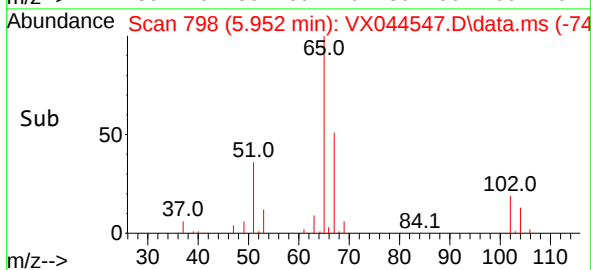
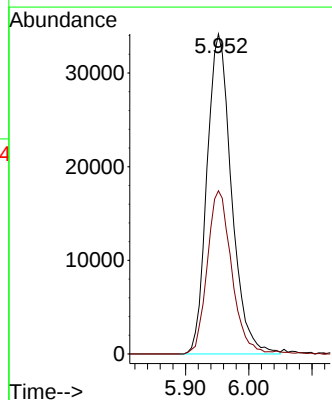
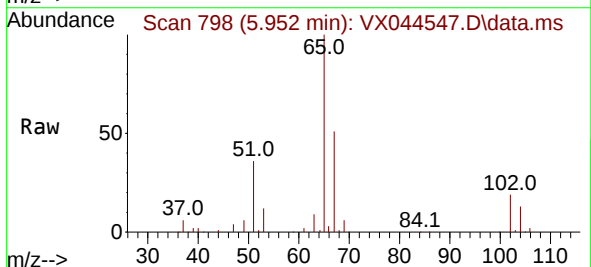


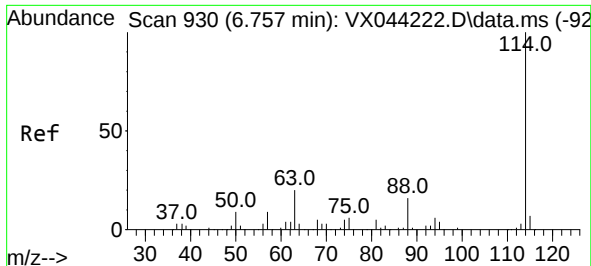
Tgt Ion: 56 Resp: 2694
Ion Ratio Lower Upper
56 100
69 142.3 24.7 37.1#
84 123.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.558 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 65 Resp: 91910
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

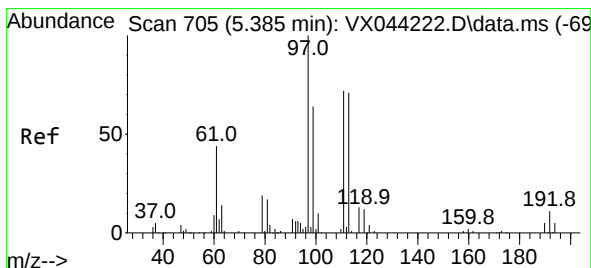
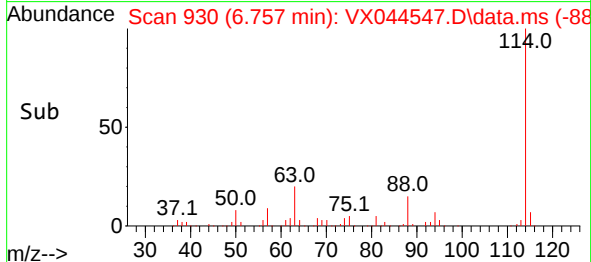
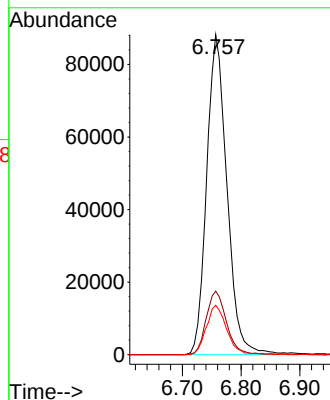
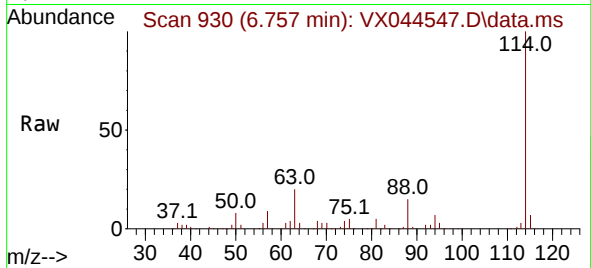




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

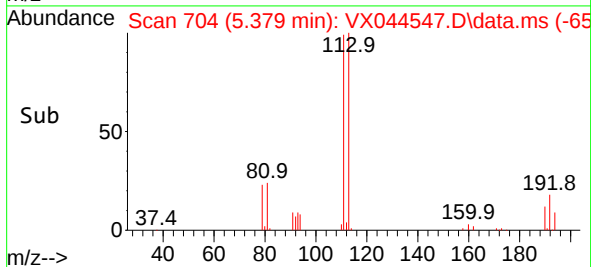
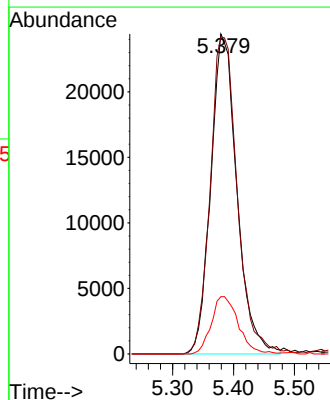
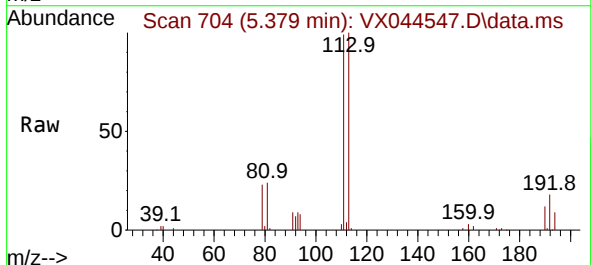
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

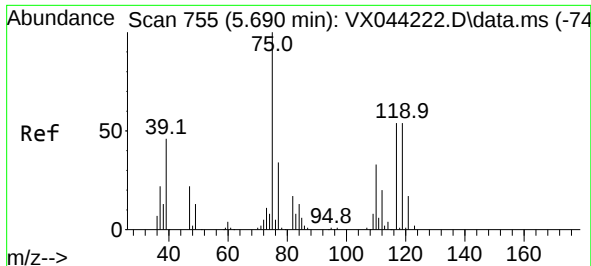
Tgt Ion:114 Resp: 211448
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.536 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion:113 Resp: 72544
Ion Ratio Lower Upper
113 100
111 102.6 80.4 120.6
192 18.5 13.3 19.9

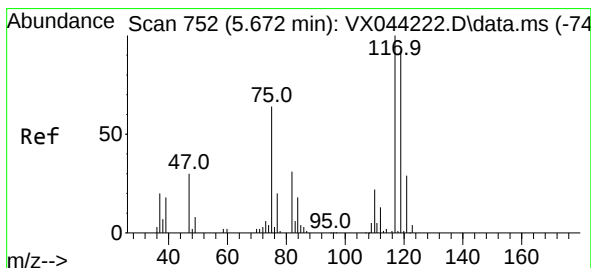
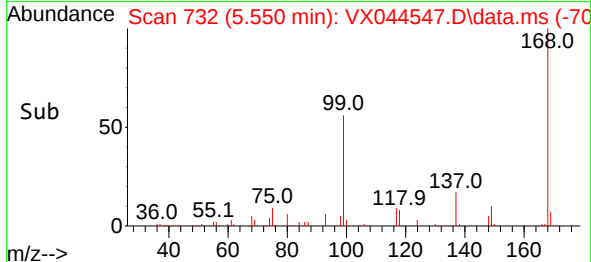
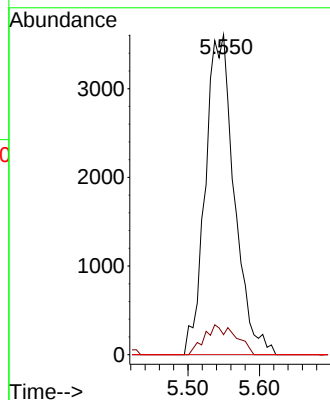
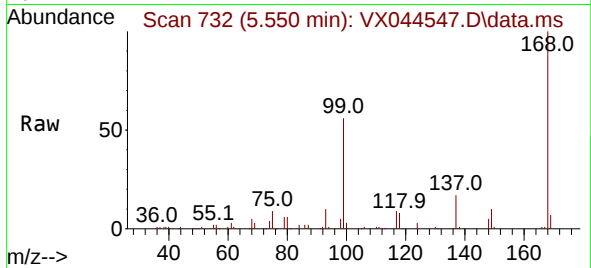




#36
1,1-Dichloropropene
Concen: 5.352 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

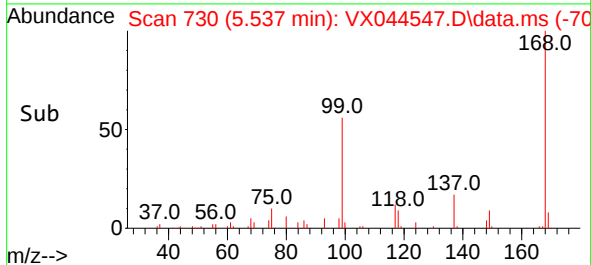
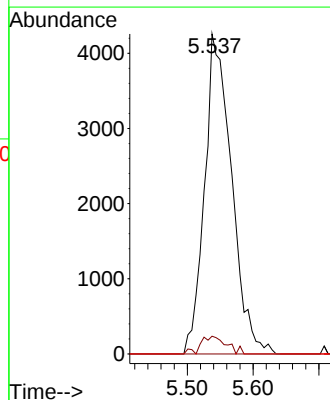
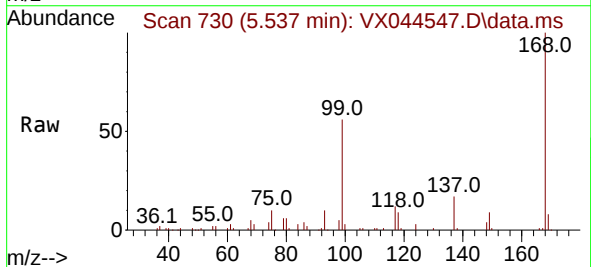
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

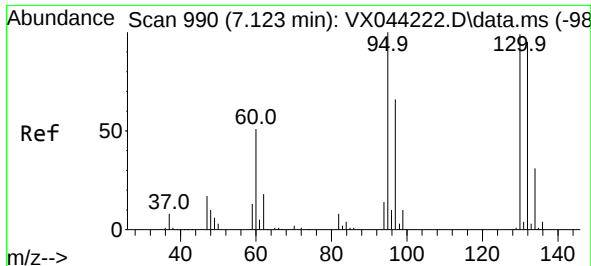
Tgt Ion: 75 Resp: 10131
Ion Ratio Lower Upper
75 100
110 10.1 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 117 Resp: 12164
Ion Ratio Lower Upper
117 100
119 5.5 74.2 111.4#
121 0.0 23.0 34.6#

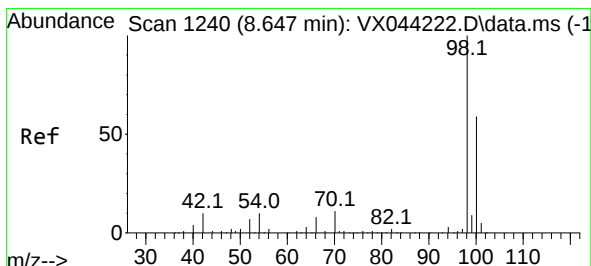
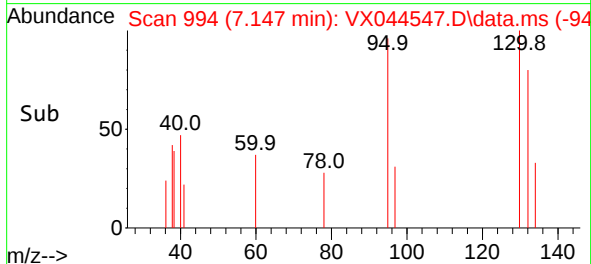
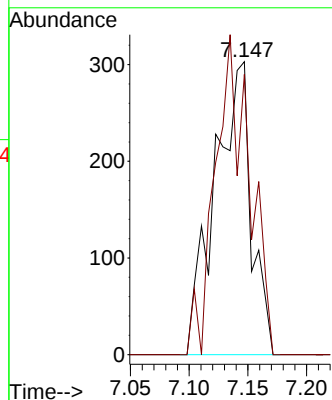
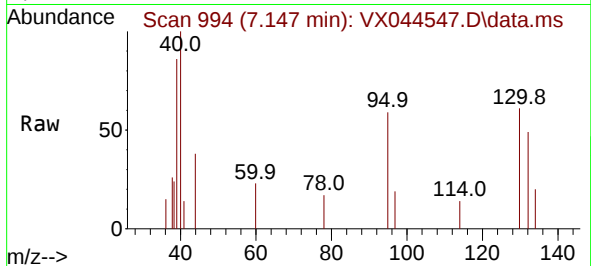




#44
Trichloroethene
Concen: 0.456 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

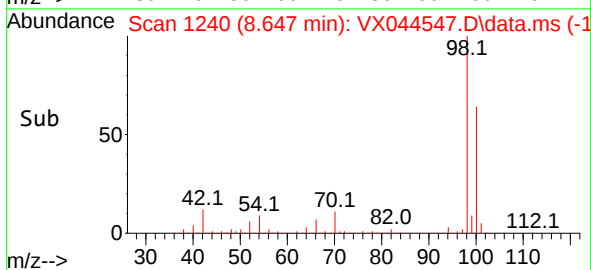
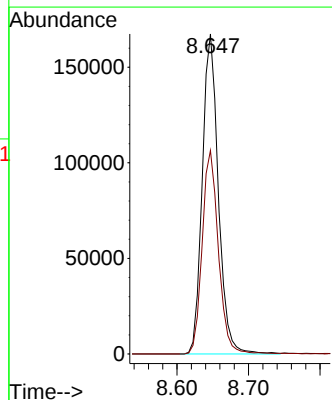
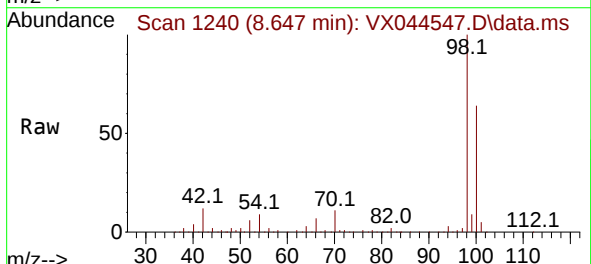
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

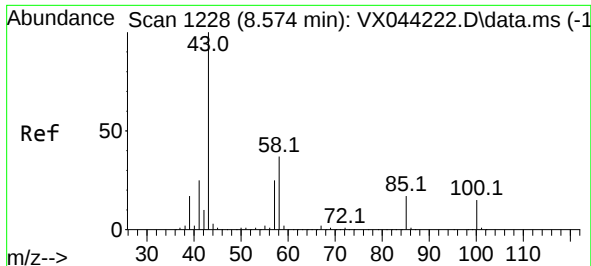
Tgt Ion:130 Resp: 654
Ion Ratio Lower Upper
130 100
95 95.7 0.0 201.4



#50
Toluene-d8
Concen: 52.863 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 98 Resp: 261182
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

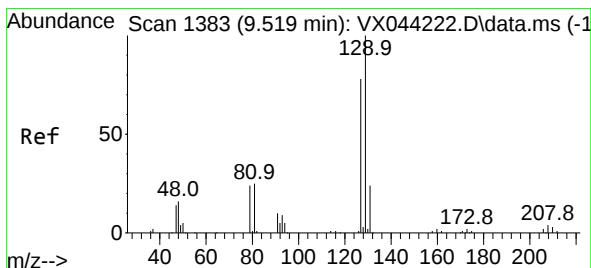
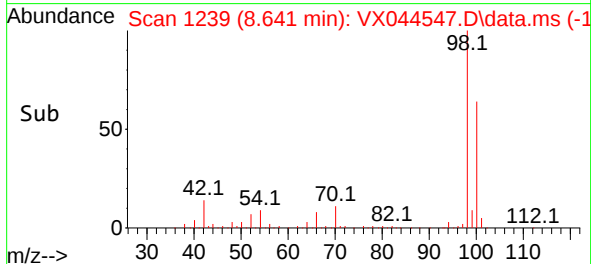
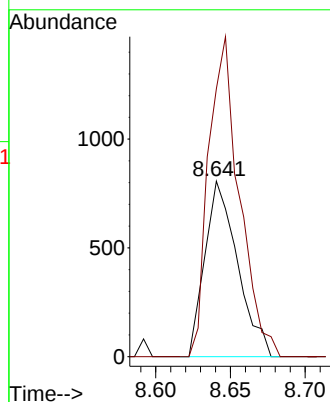
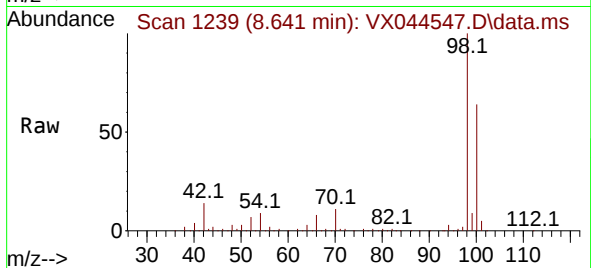




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

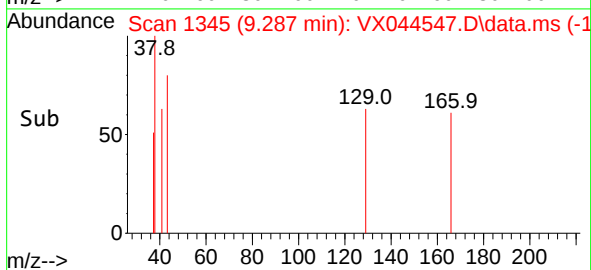
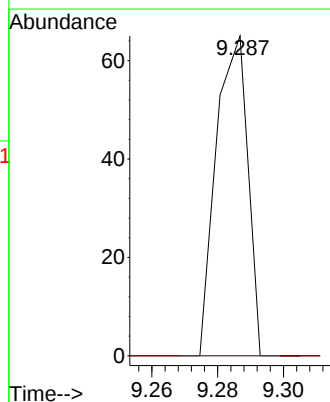
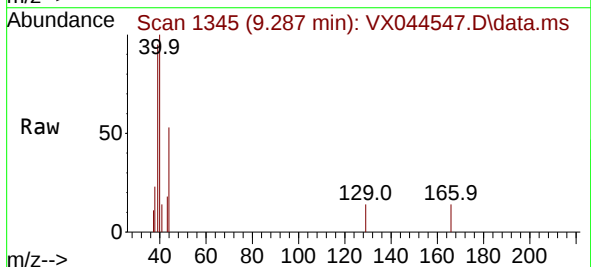
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

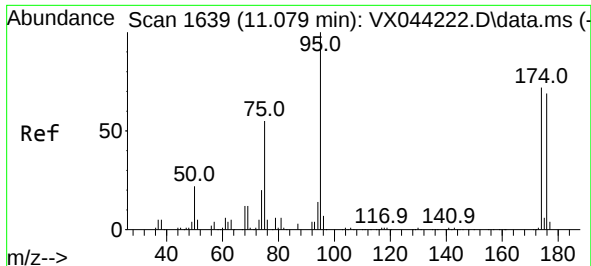
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 171.8 29.4 44.0#



#60
Dibromochloromethane
Concen: 1.260 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.232 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 129 Resp: 43
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

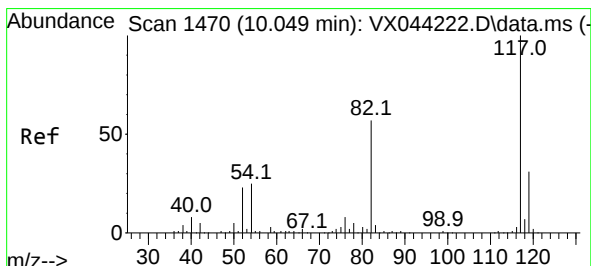
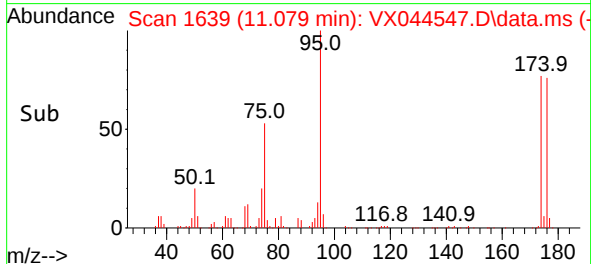
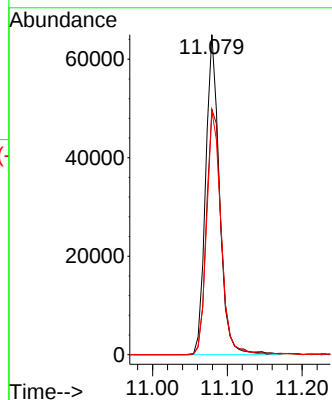
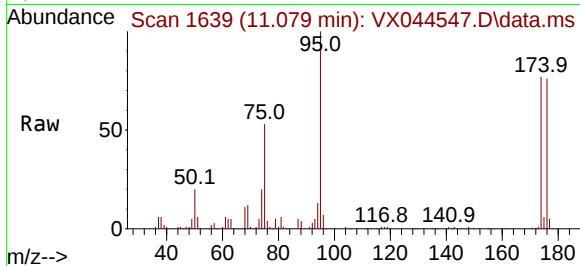




#62
4-Bromofluorobenzene
Concen: 48.259 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

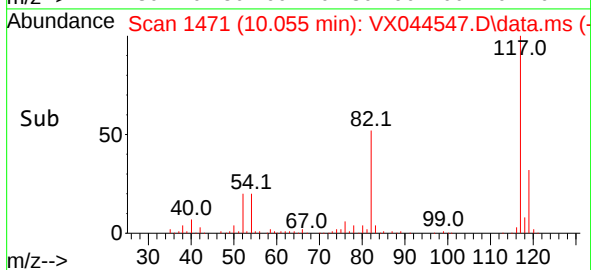
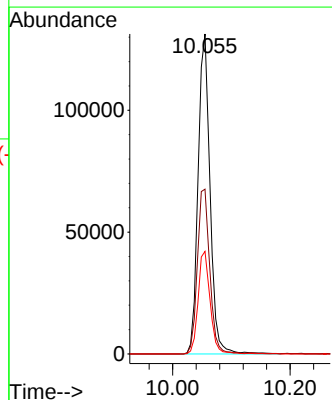
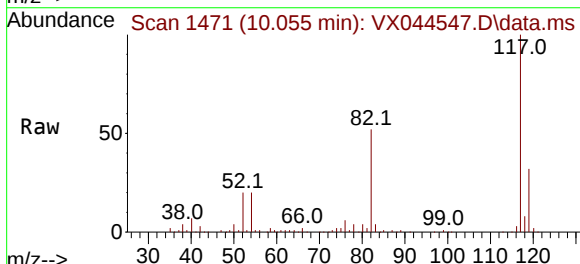
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

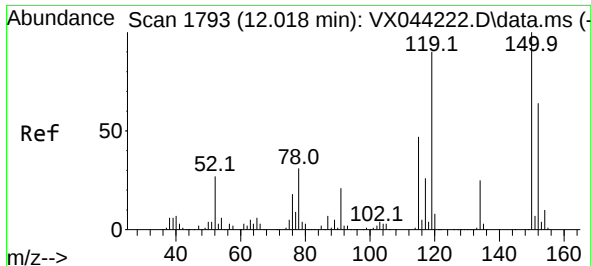
Tgt Ion: 95 Resp: 83314
Ion Ratio Lower Upper
95 100
174 82.0 0.0 145.8
176 79.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

Tgt Ion: 117 Resp: 185282
Ion Ratio Lower Upper
117 100
82 51.5 45.8 68.8
119 32.1 25.0 37.4

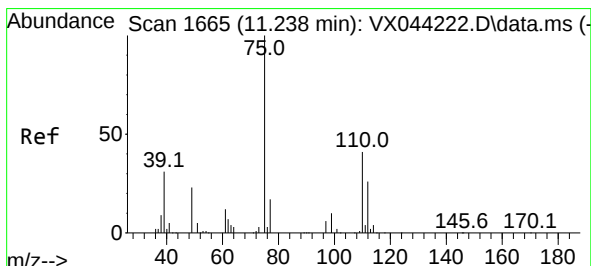
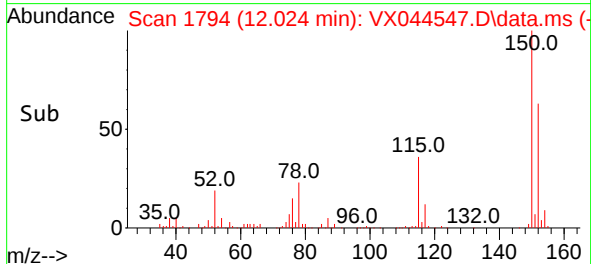
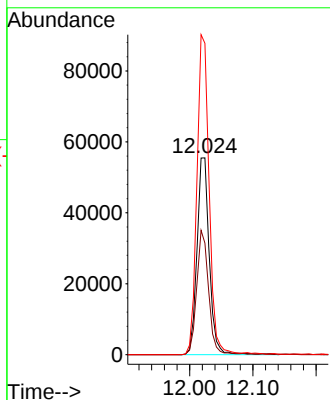
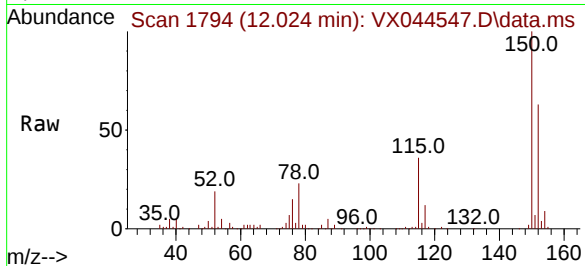




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

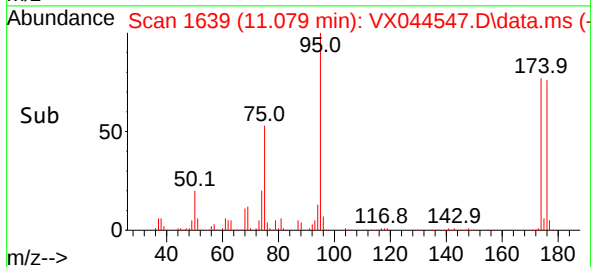
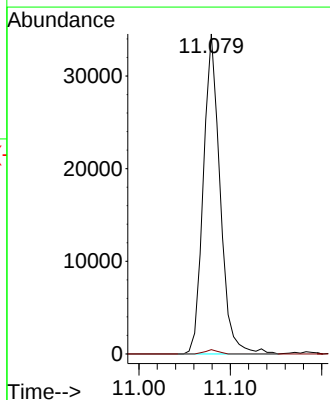
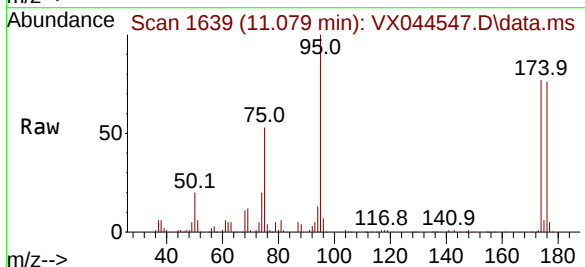
Instrument :
MSVOA_X
ClientSampleId :
DUP-07-20241218

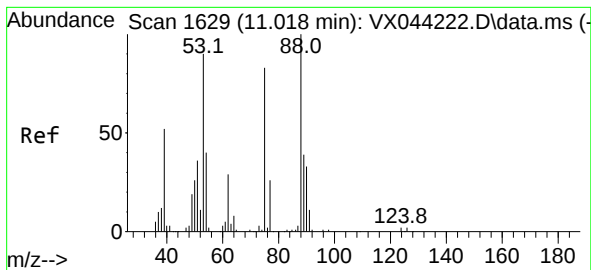
Tgt Ion:152 Resp: 75450
Ion Ratio Lower Upper
152 100
115 60.9 44.5 133.3
150 160.1 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 26.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044547.D
Acq: 30 Dec 2024 16:32

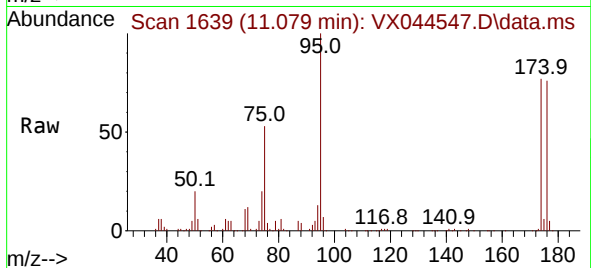
Tgt Ion: 75 Resp: 43902
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.923 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044547.D
 Acq: 30 Dec 2024 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-07-20241218



Tgt Ion: 75 Resp: 43902
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.1 37.3 55.9#

