

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044321.D
 Acq On : 16 Dec 2024 14:11
 Operator : JC/MD
 Sample : P5261-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-02-20241210

Quant Time: Dec 17 00:50:03 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)

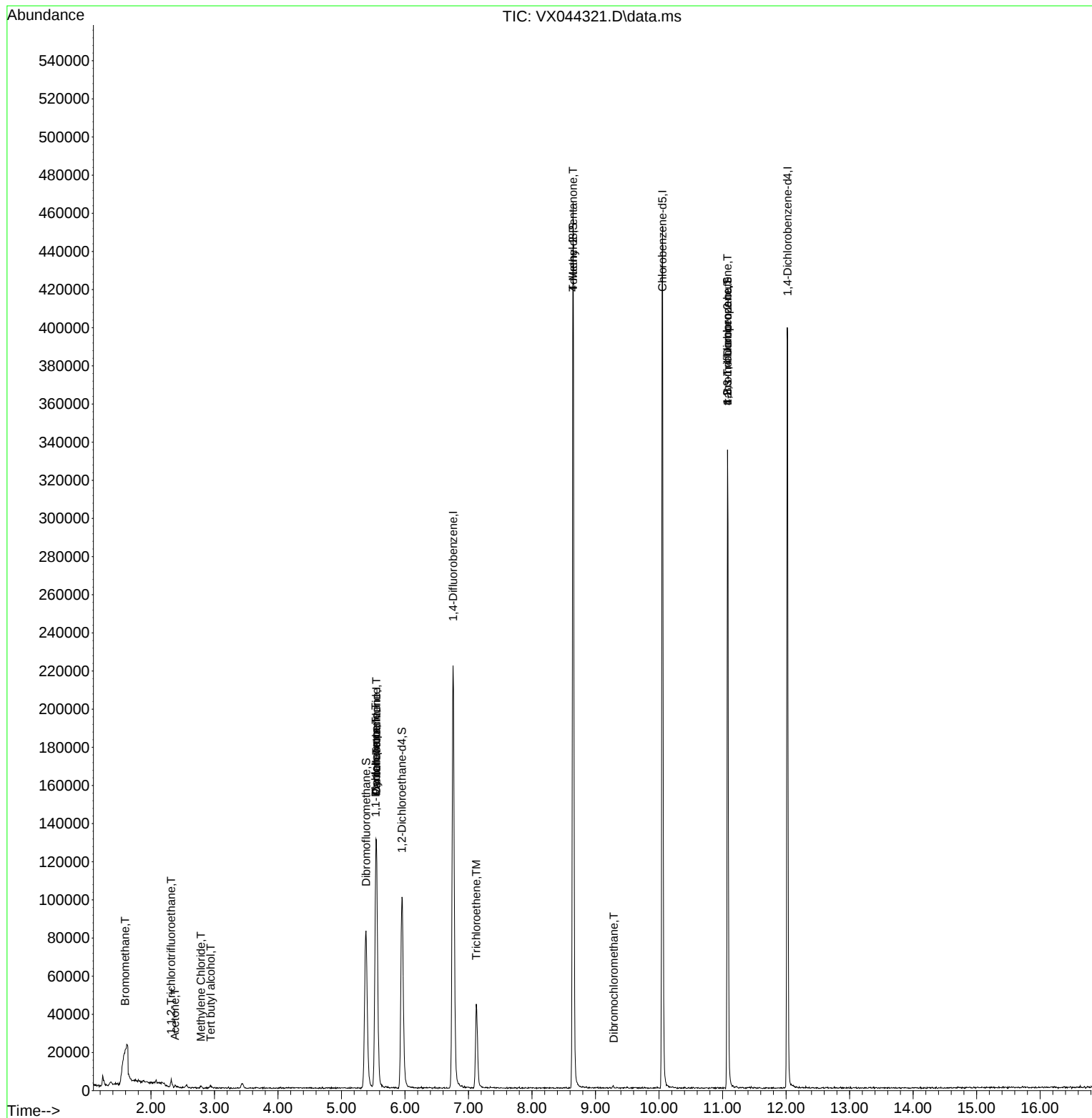
Internal Standards						
1) Pentafluorobenzene	5.549	168	114448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	220754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99078	49.375	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.740%
35) Dibromofluoromethane	5.385	113	71639	46.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.720%
50) Toluene-d8	8.646	98	268405	52.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
62) 4-Bromofluorobenzene	11.079	95	89290	49.540	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	389	0.311	ug/l #	25
9) 1,1,2-Trichlorotrifluo...	2.318	101	1191	0.853	ug/l #	87
11) Tert butyl alcohol	2.940	59	418	1.478	ug/l #	71
16) Acetone	2.379	43	860	1.051	ug/l	96
20) Methylene Chloride	2.788	84	410	0.267	ug/l #	55
31) Cyclohexane	5.543	56	3332	1.538	ug/l #	23
36) 1,1-Dichloropropene	5.537	75	10878	5.504	ug/l #	52
38) Carbon Tetrachloride	5.549	117	13247	6.226	ug/l #	16
44) Trichloroethene	7.122	130	16942	11.322	ug/l	86
51) 4-Methyl-2-Pentanone	8.646	43	1257	0.512	ug/l #	1
60) Dibromochloromethane	9.287	129	171	1.341	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	50115	29.091	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	50115	79.638	ug/l #	4

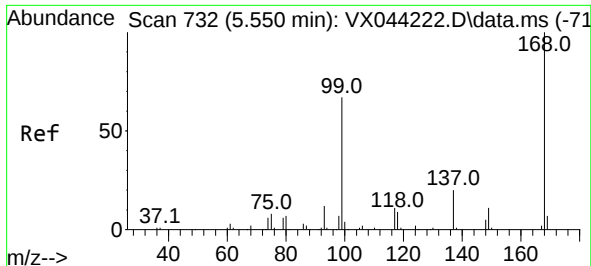
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
Data File : VX044321.D
Acq On : 16 Dec 2024 14:11
Operator : JC/MD
Sample : P5261-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

Quant Time: Dec 17 00:50:03 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

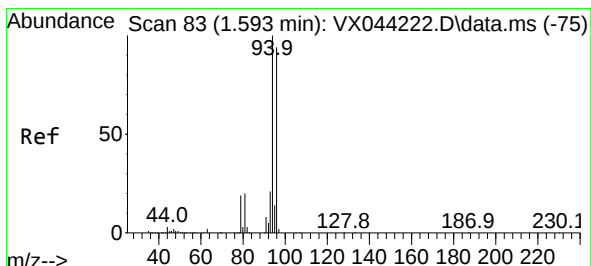
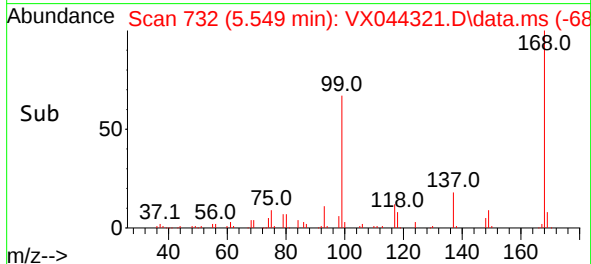
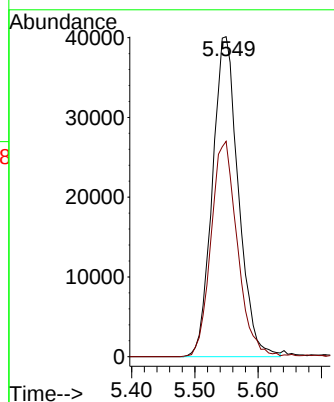
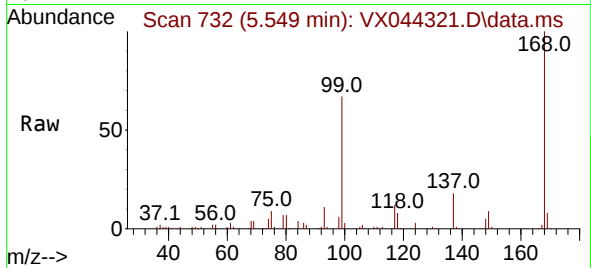




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

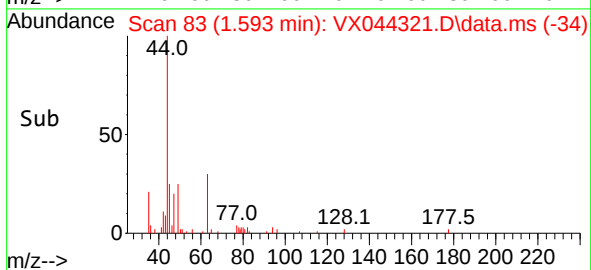
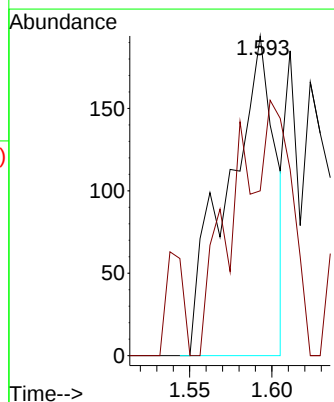
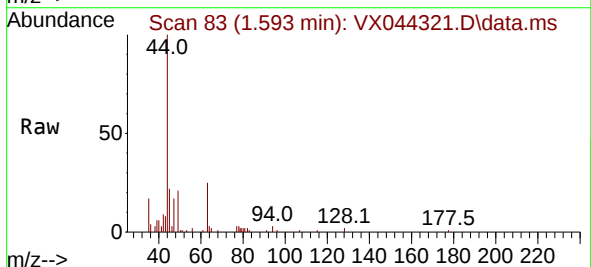
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

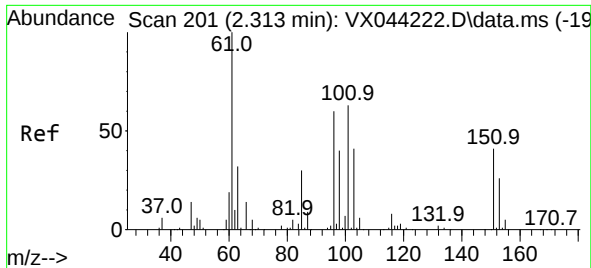
Tgt Ion:168 Resp: 114448
Ion Ratio Lower Upper
168 100
99 67.3 53.4 80.0



#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 21.1 74.9 112.3#

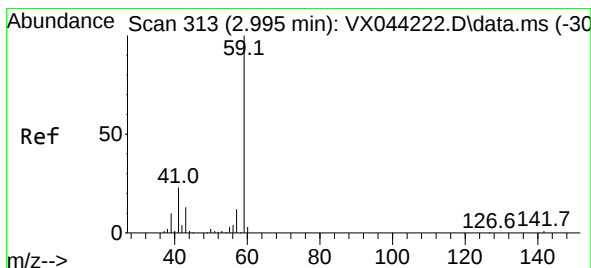
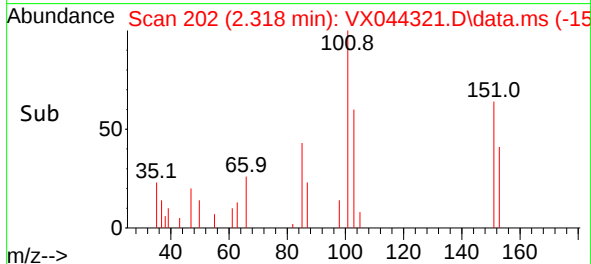
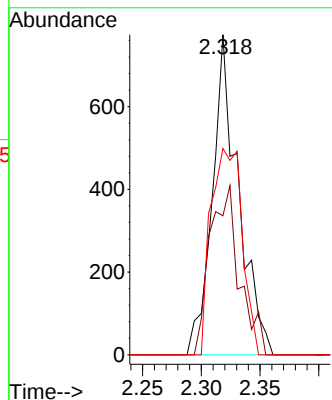
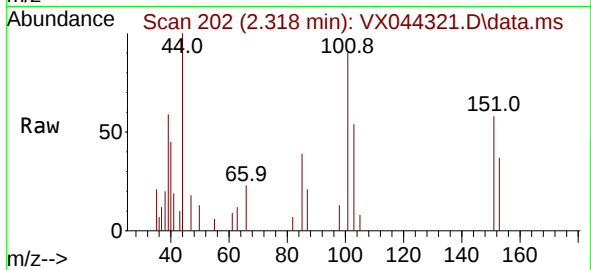




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.853 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

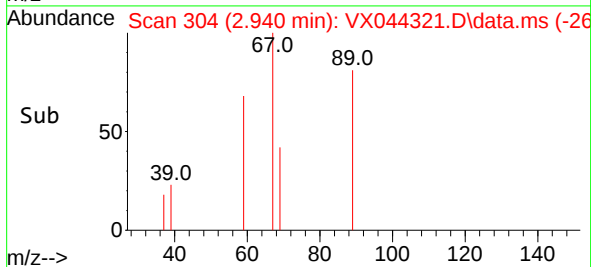
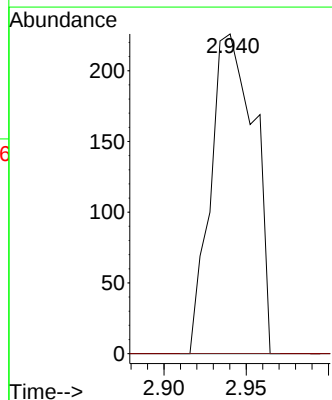
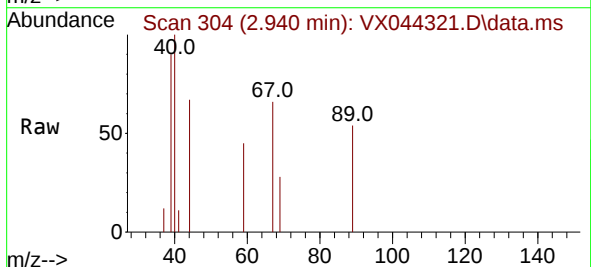
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

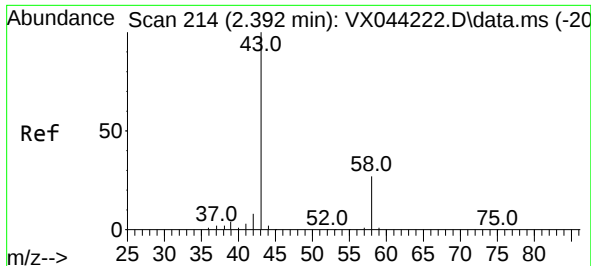
Tgt Ion:101 Resp: 1191
Ion Ratio Lower Upper
101 100
85 60.0 38.5 57.7#
151 77.4 55.8 83.6



#11
Tert butyl alcohol
Concen: 1.478 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

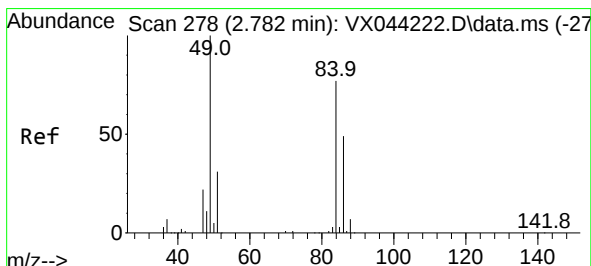
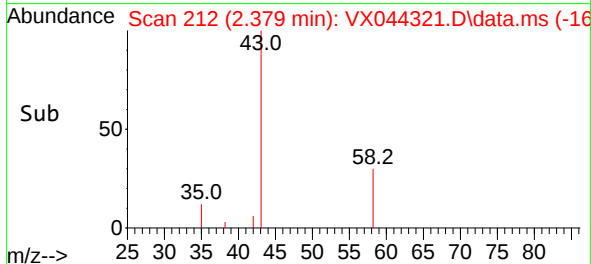
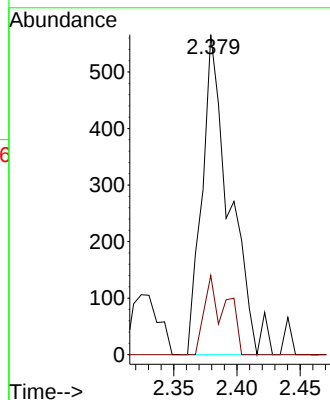
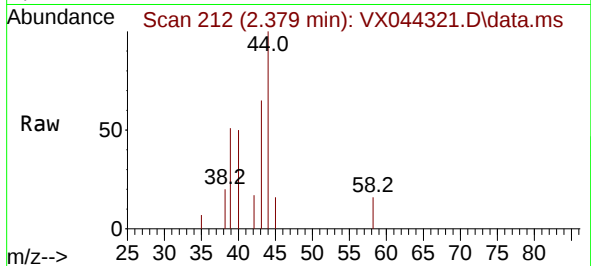




#16
Acetone
Concen: 1.051 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

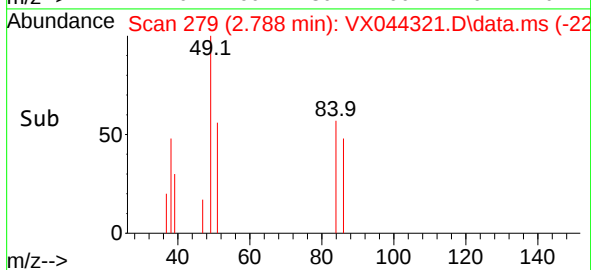
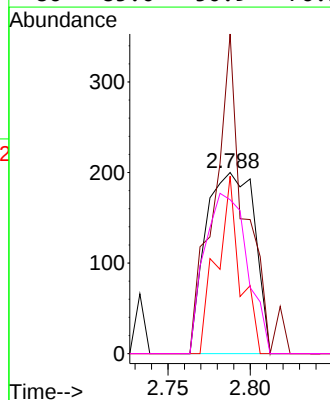
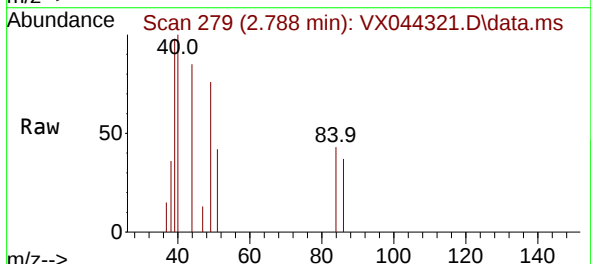
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

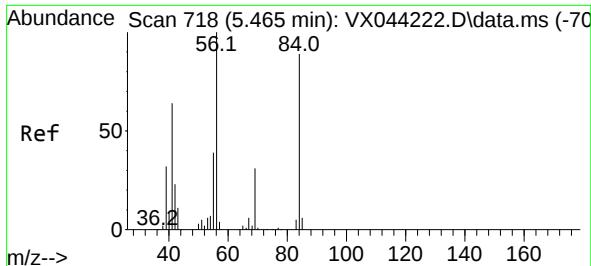
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 24.7 21.6 32.4



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

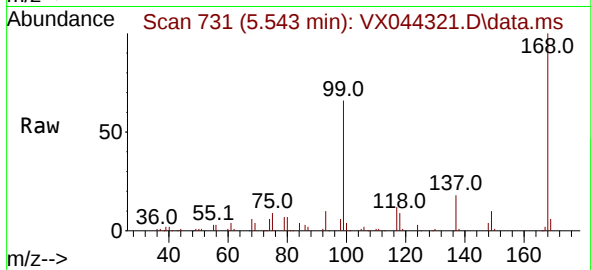
Tgt Ion: 84 Resp: 410
Ion Ratio Lower Upper
84 100
49 176.5 104.2 156.4#
51 98.0 32.2 48.4#
86 85.0 50.9 76.3#



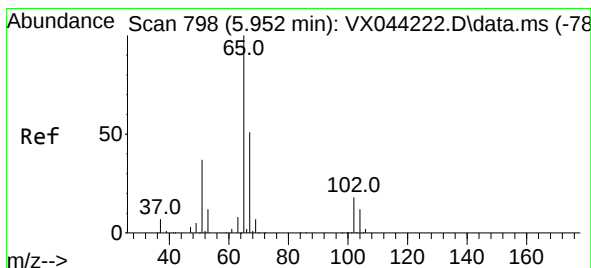
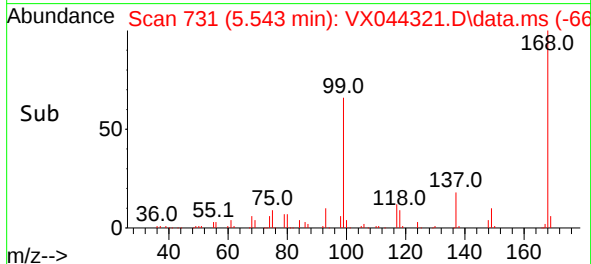
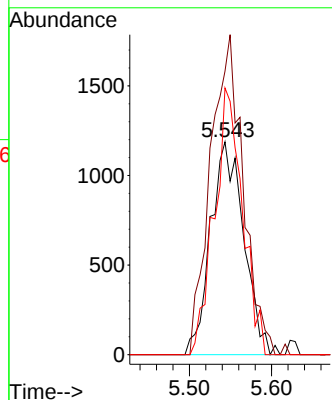


#31
Cyclohexane
Concen: 1.538 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

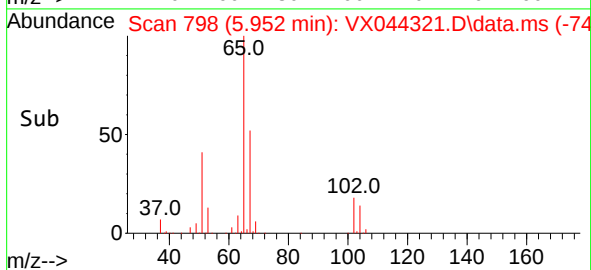
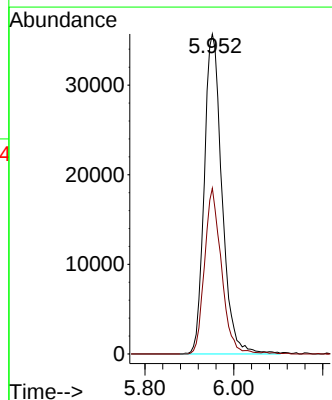
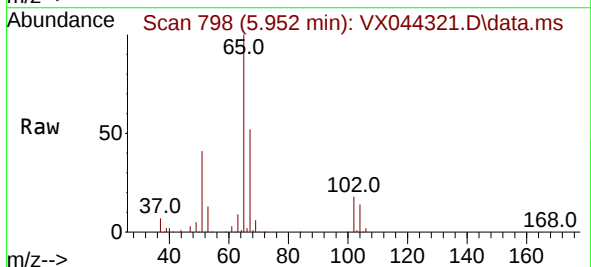


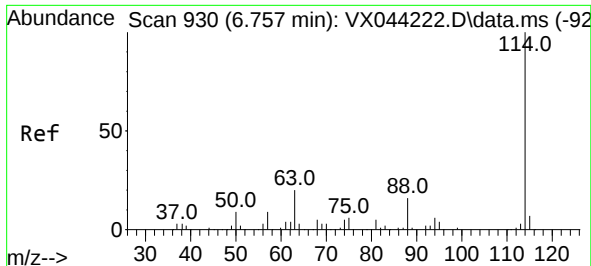
Tgt Ion: 56 Resp: 3332
Ion Ratio Lower Upper
56 100
69 133.2 24.7 37.1#
84 125.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 49.375 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion: 65 Resp: 99078
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.6

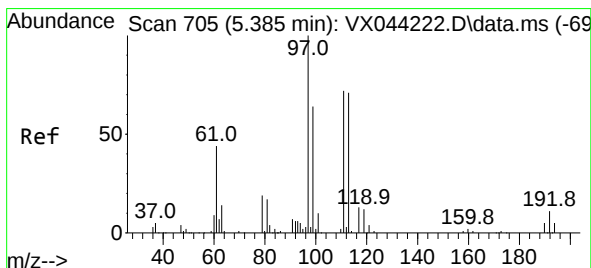
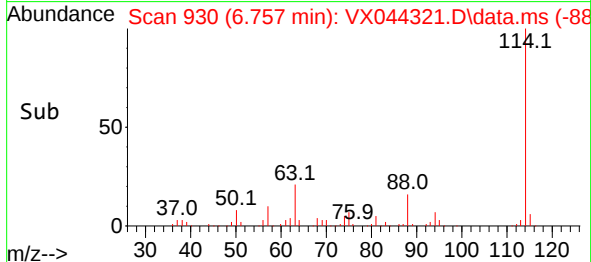
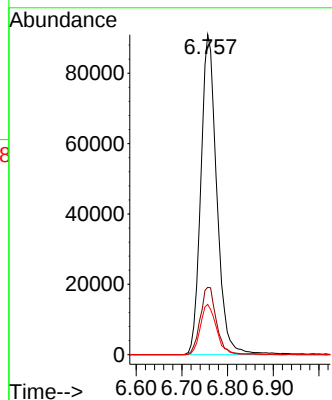
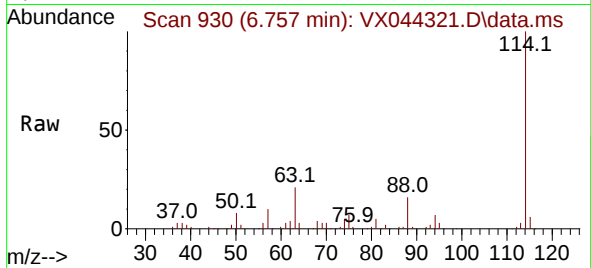




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

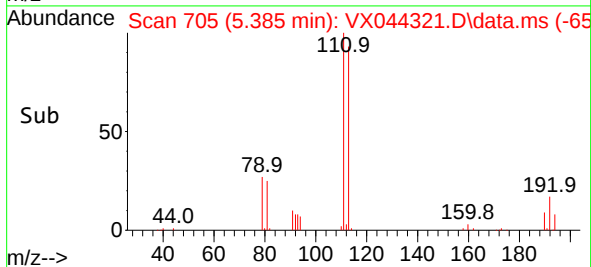
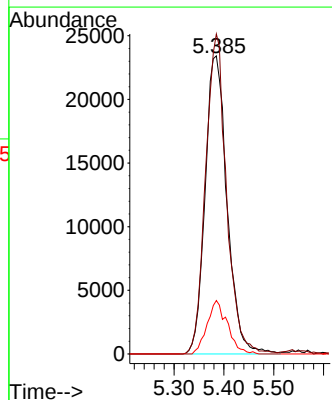
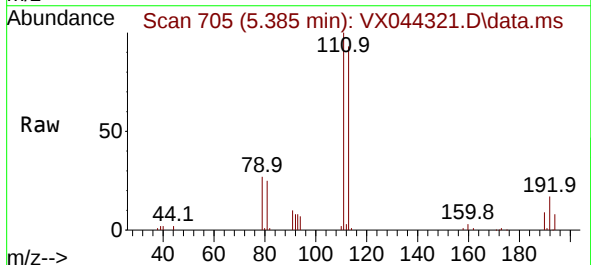
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

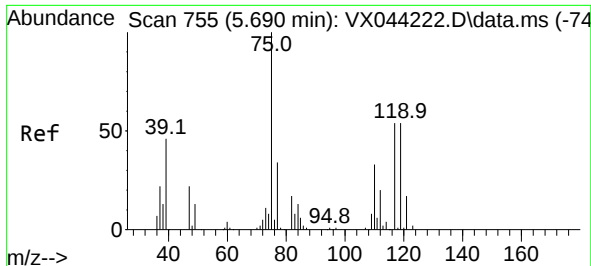
Tgt Ion:114 Resp: 220754
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.856 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion:113 Resp: 71639
Ion Ratio Lower Upper
113 100
111 102.3 80.4 120.6
192 16.7 13.3 19.9

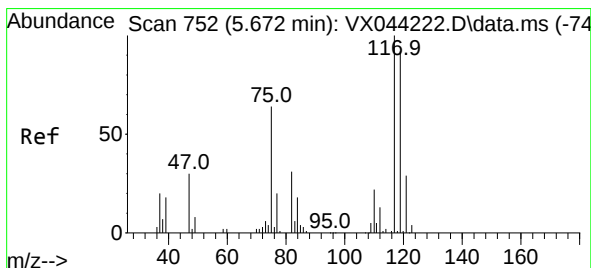
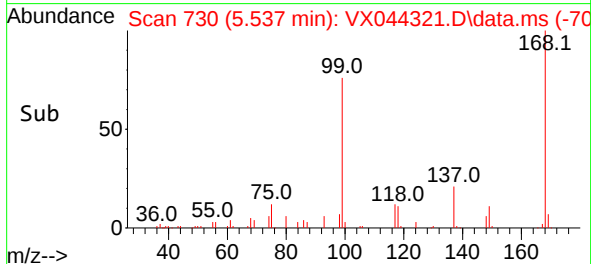
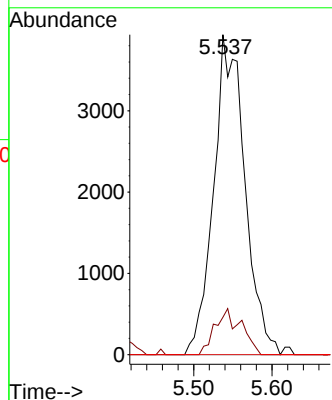
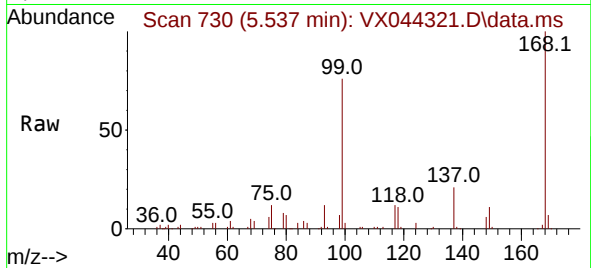




#36
1,1-Dichloropropene
Concen: 5.504 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.153 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

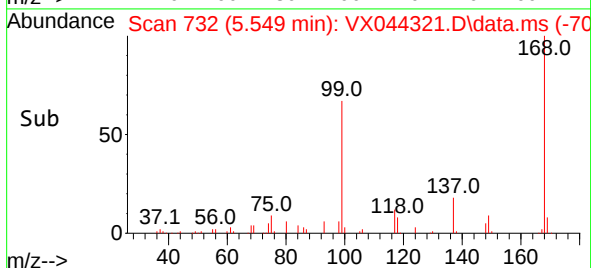
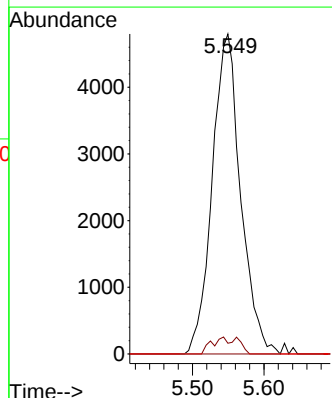
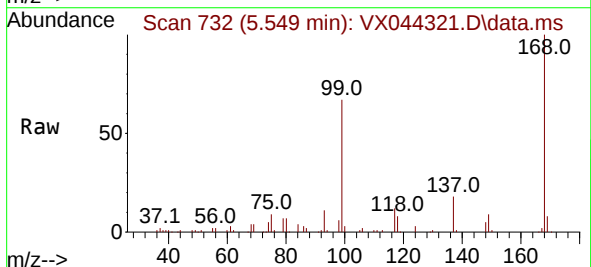
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

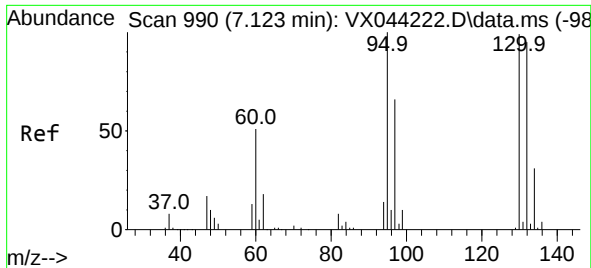
Tgt Ion: 75 Resp: 10878
Ion Ratio Lower Upper
75 100
110 12.2 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.226 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion: 117 Resp: 13247
Ion Ratio Lower Upper
117 100
119 3.4 74.2 111.4#
121 0.0 23.0 34.6#

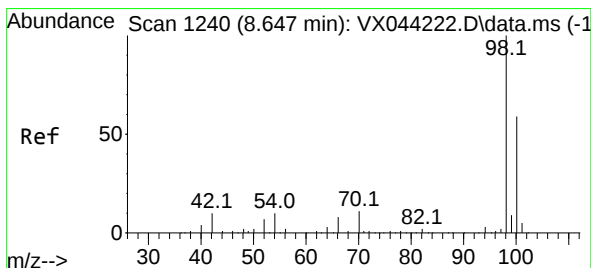
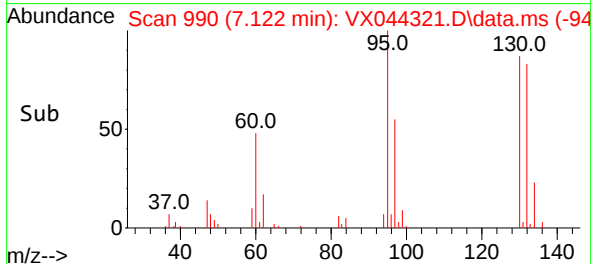
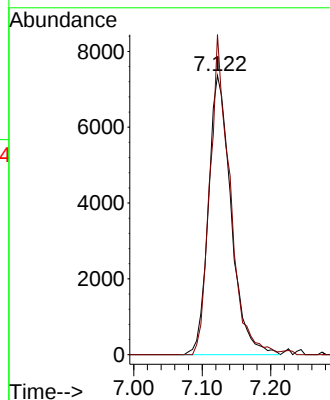
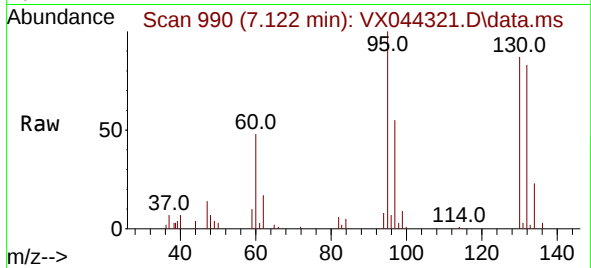




#44
Trichloroethene
Concen: 11.322 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

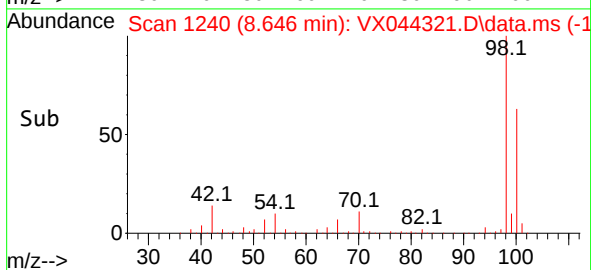
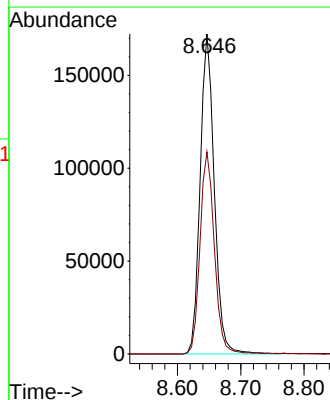
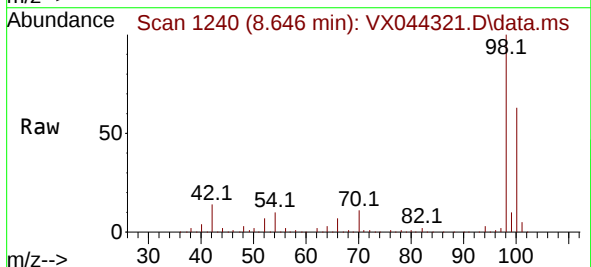
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

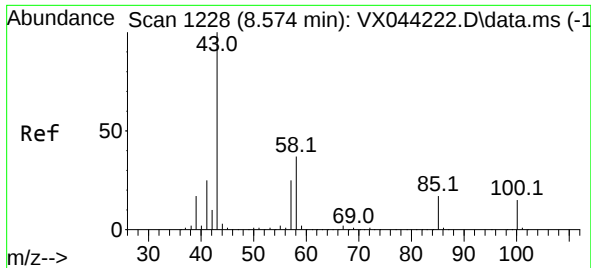
Tgt Ion:130 Resp: 16942
Ion Ratio Lower Upper
130 100
95 114.6 0.0 201.4



#50
Toluene-d8
Concen: 52.035 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion: 98 Resp: 268405
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

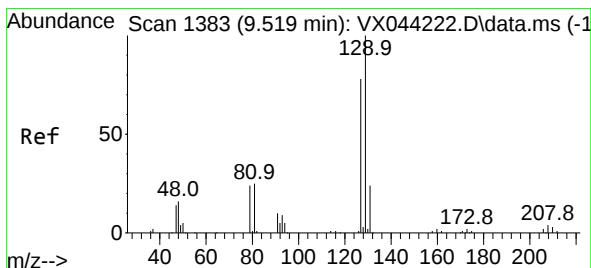
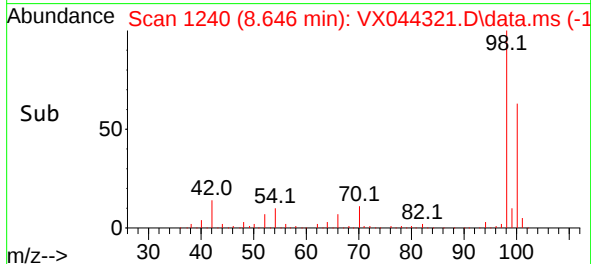
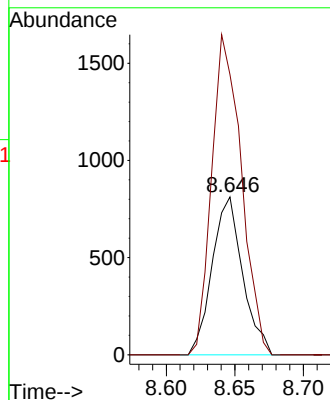
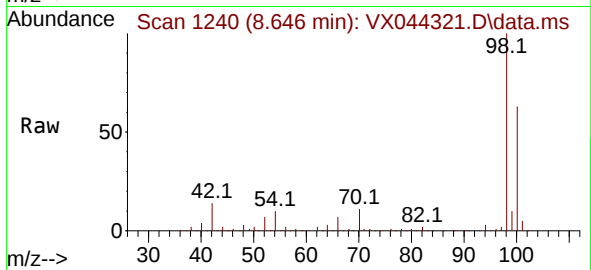




#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

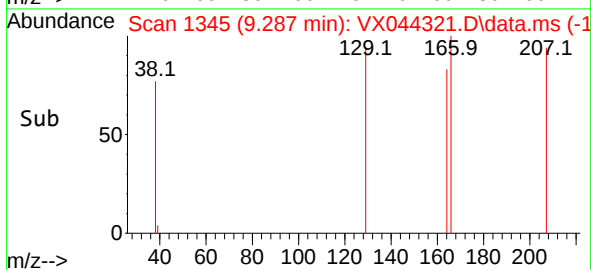
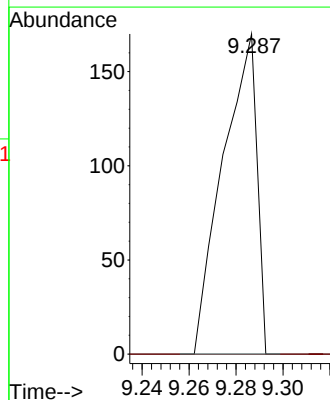
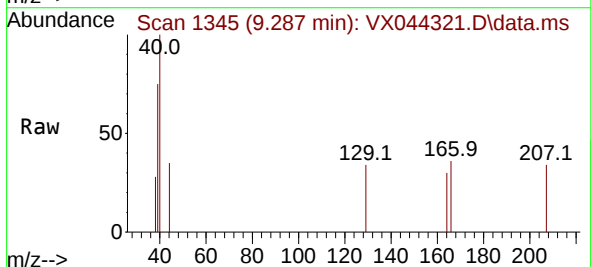
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

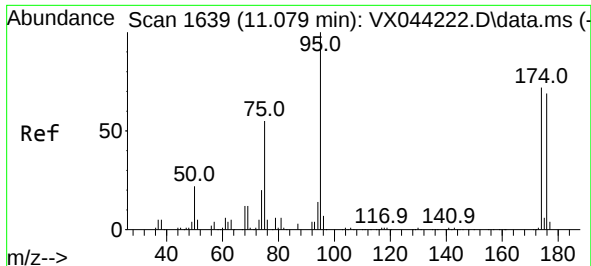
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 197.2 29.4 44.0#



#60
Dibromochloromethane
Concen: 1.341 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.232 min
Lab File: VX044321.D
Acq: 16 Dec 2024 14:11

Tgt Ion: 129 Resp: 171
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 49.540 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044321.D

Acq: 16 Dec 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

DUP-02-20241210

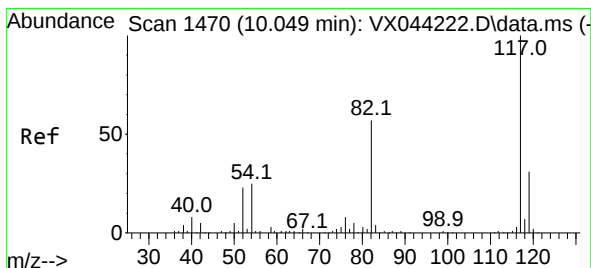
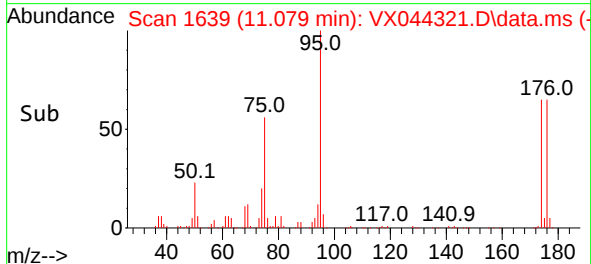
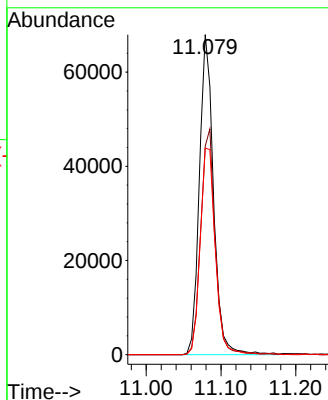
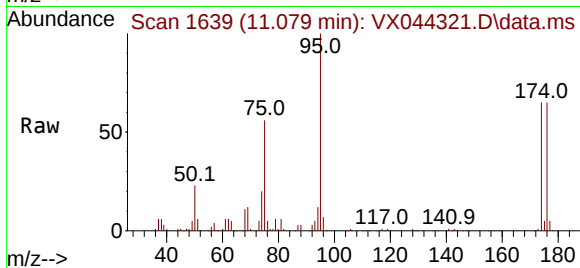
Tgt Ion: 95 Resp: 89290

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.8

176 68.8 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: VX044321.D

Acq: 16 Dec 2024 14:11

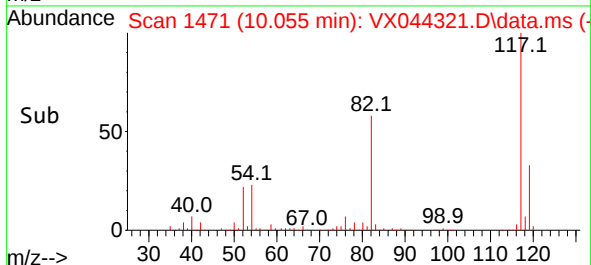
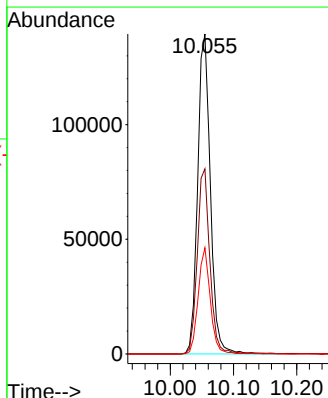
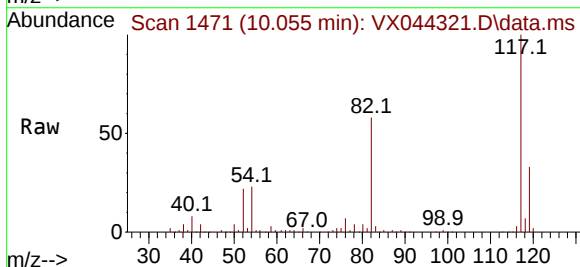
Tgt Ion: 117 Resp: 195441

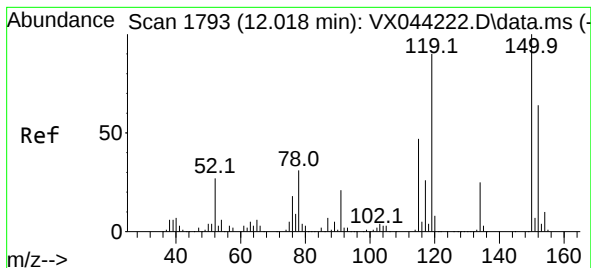
Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.8

119 33.2 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: VX044321.D

Acq: 16 Dec 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

DUP-02-20241210

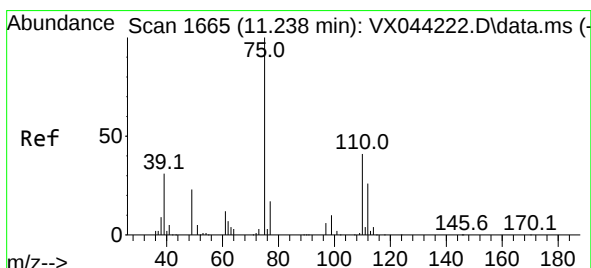
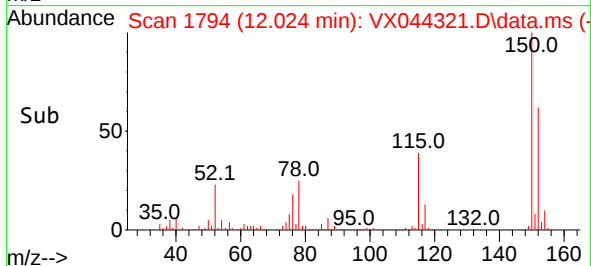
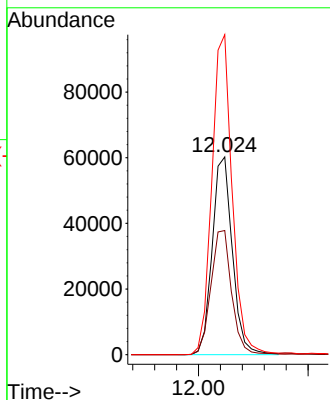
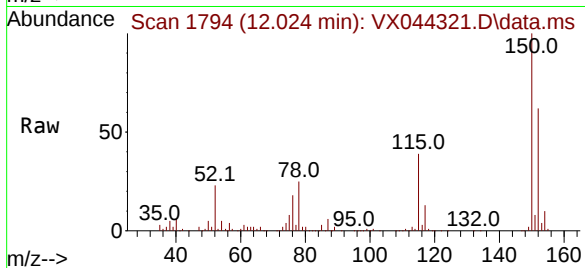
Tgt Ion:152 Resp: 77156

Ion Ratio Lower Upper

152 100

115 64.5 44.5 133.3

150 163.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 29.091 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044321.D

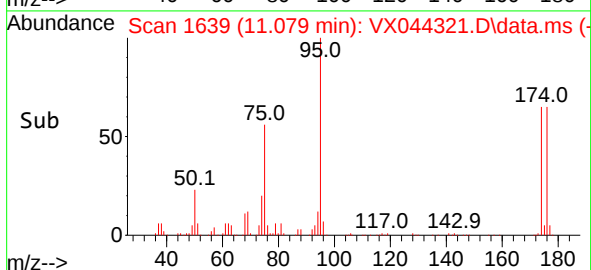
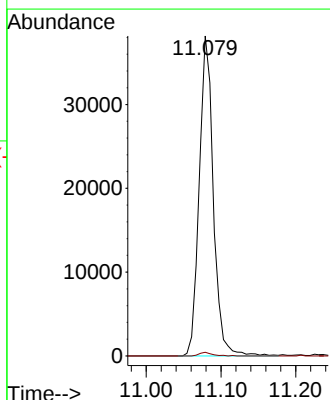
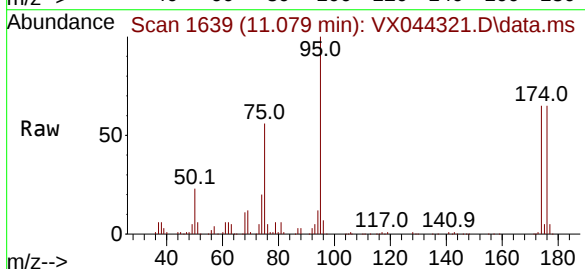
Acq: 16 Dec 2024 14:11

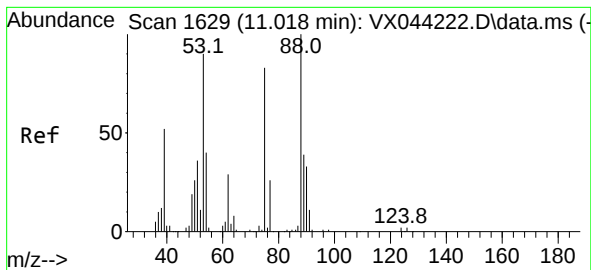
Tgt Ion: 75 Resp: 50115

Ion Ratio Lower Upper

75 100

77 1.1 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.638 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX044321.D
 Acq: 16 Dec 2024 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-02-20241210

Tgt Ion: 75 Resp: 50115
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

