

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044319.D
 Acq On : 16 Dec 2024 13:24
 Operator : JC/MD
 Sample : P5261-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20241210

Quant Time: Dec 17 00:49:14 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

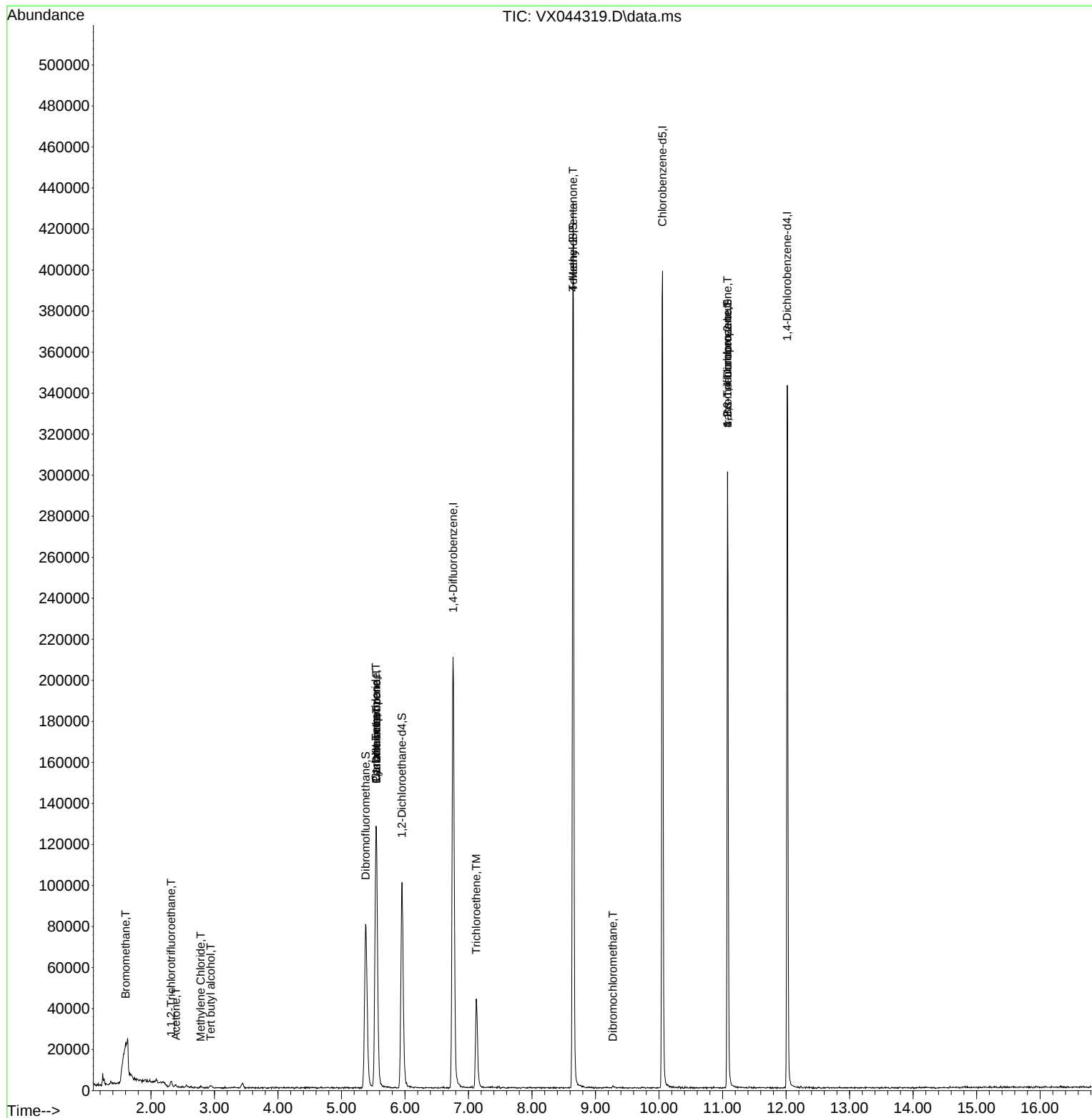
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	112654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93511	47.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.379	113	68127	47.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	250046	51.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.220%
62) 4-Bromofluorobenzene	11.079	95	77001	45.480	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	328	0.266	ug/l #	70
9) 1,1,2-Trichlorotrifluo...	2.319	101	1203	0.875	ug/l #	88
11) Tert butyl alcohol	2.940	59	392	1.408	ug/l #	71
16) Acetone	2.392	43	770	0.956	ug/l #	78
20) Methylene Chloride	2.782	84	399	0.264	ug/l #	59
31) Cyclohexane	5.550	56	3220	1.510	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	9968	5.369	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13421	6.715	ug/l #	17
44) Trichloroethene	7.123	130	16377	11.651	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1405	0.609	ug/l #	1
60) Dibromochloromethane	9.275	129	221	1.383	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	44412	30.051	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	44412	82.083	ug/l #	4

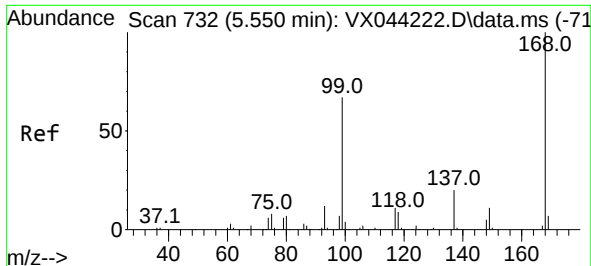
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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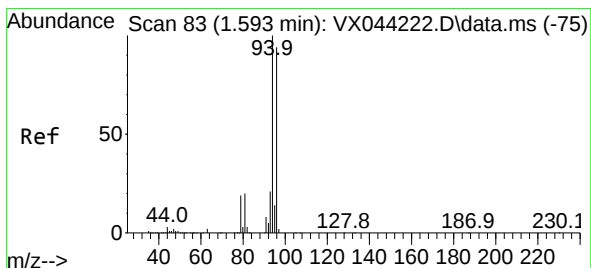
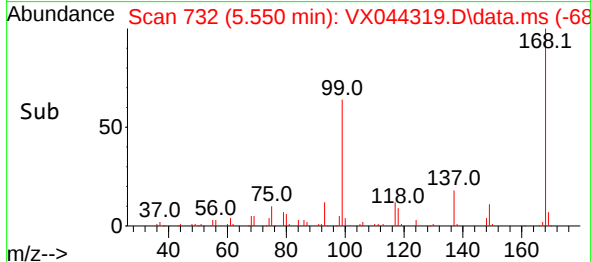
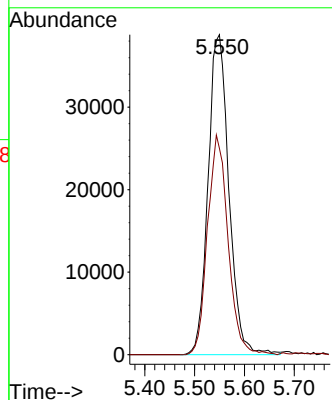
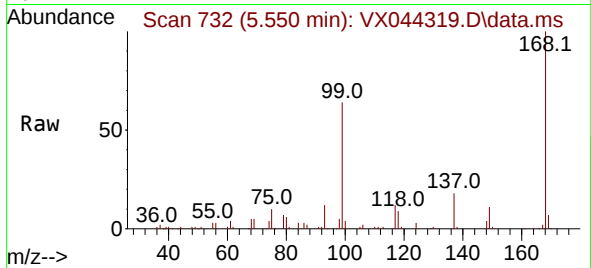




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

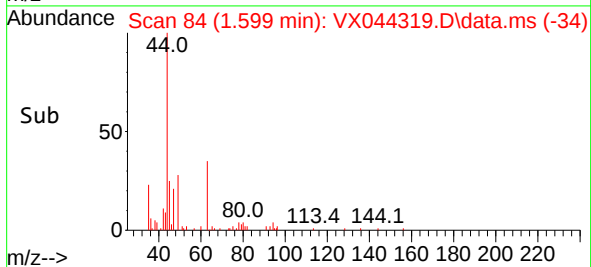
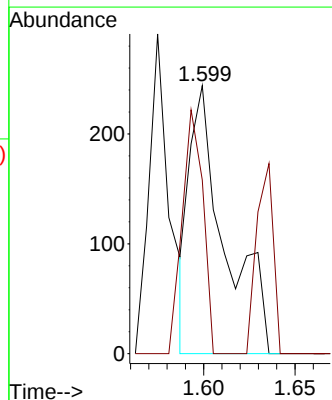
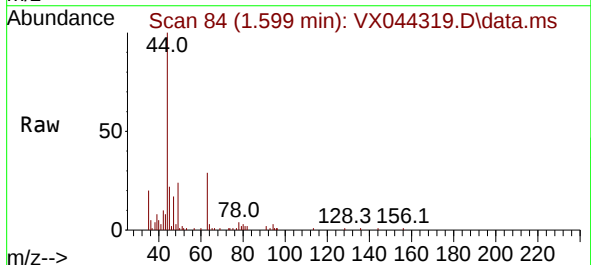
Instrument : MSVOA_X
ClientSampleId : RE120D1-20241210

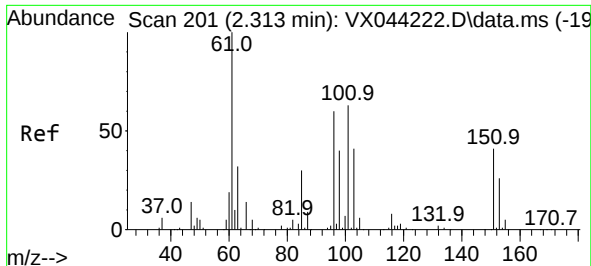
Tgt Ion:168 Resp: 112654
Ion Ratio Lower Upper
168 100
99 64.5 53.4 80.0



#5
Bromomethane
Concen: 0.266 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 64.8 74.9 112.3#

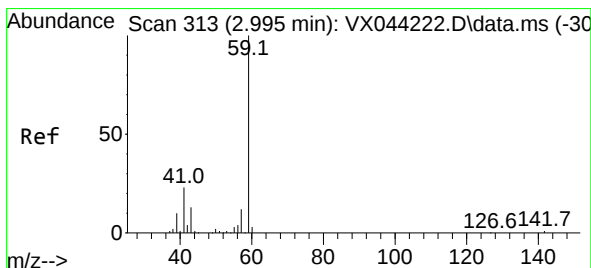
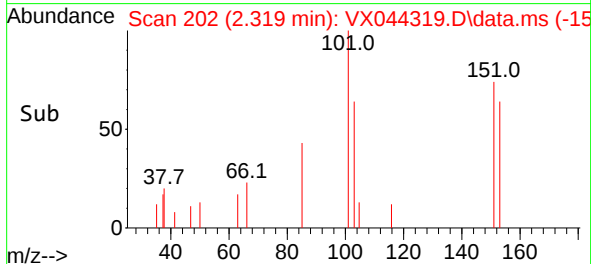
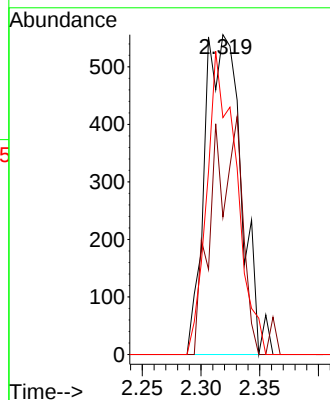
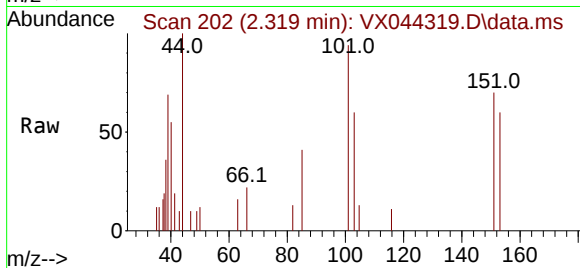




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.875 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

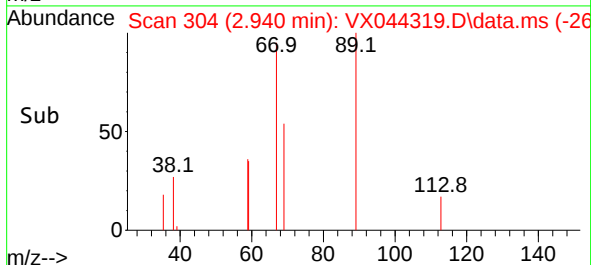
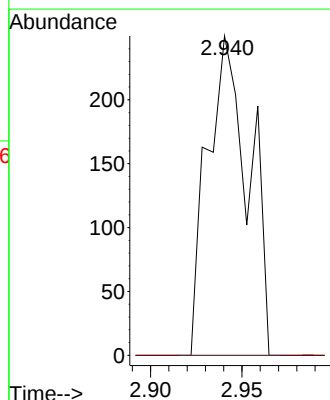
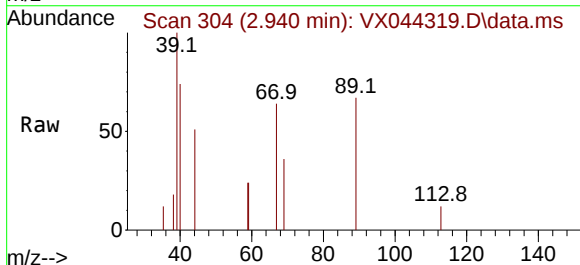
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

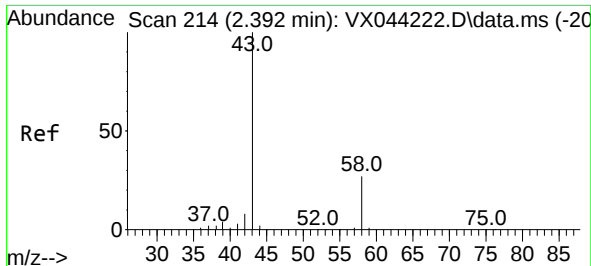
Tgt Ion:101 Resp: 1203
Ion Ratio Lower Upper
101 100
85 60.2 38.5 57.7#
151 76.3 55.8 83.6



#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

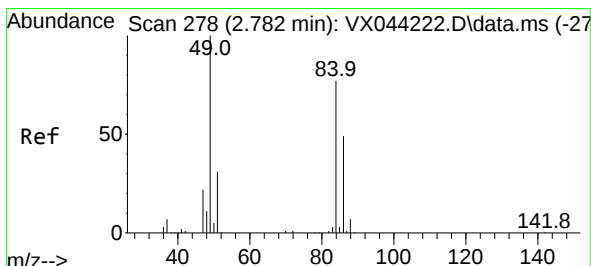
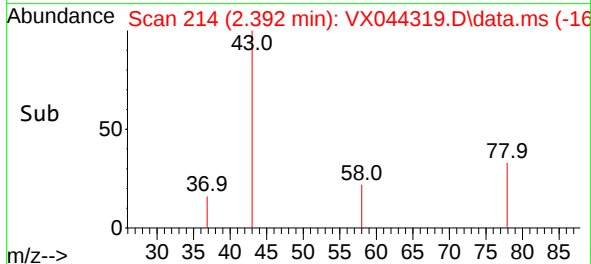
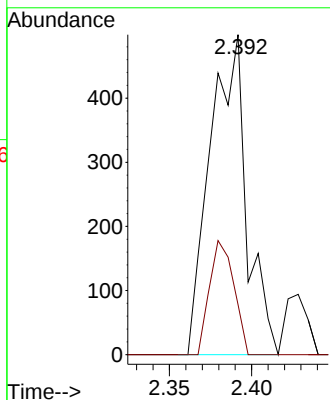
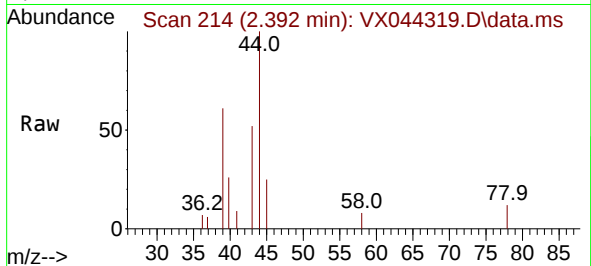




#16
Acetone
Concen: 0.956 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

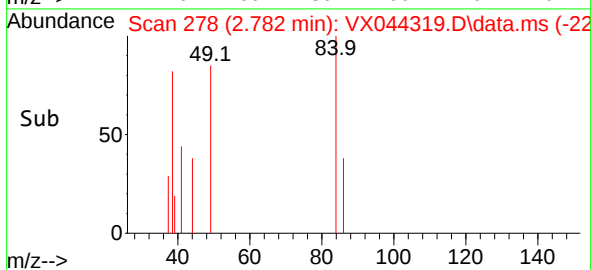
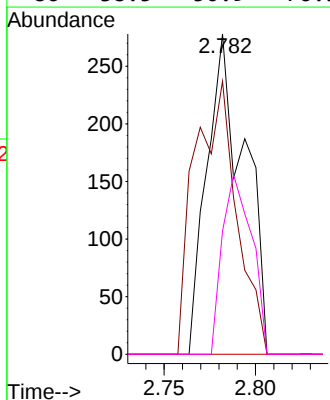
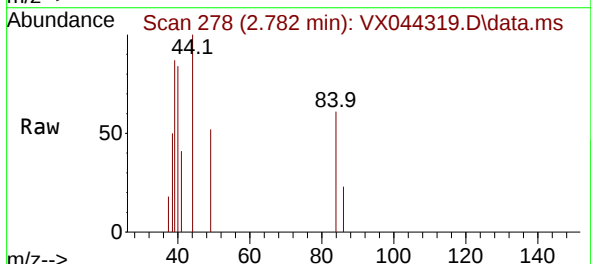
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

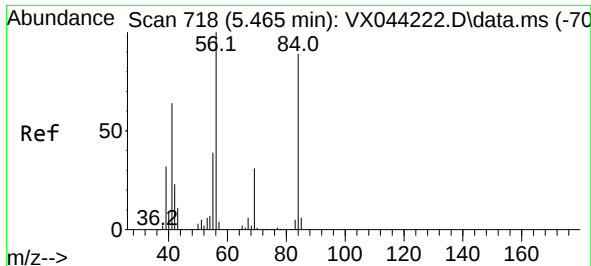
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 15.6 21.6 32.4#



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

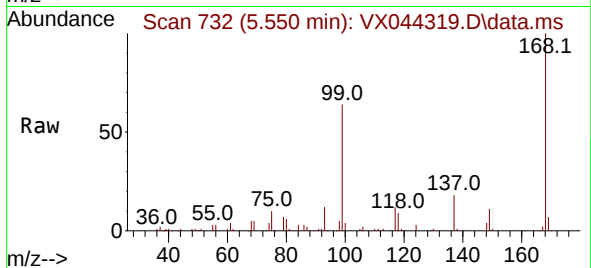
Tgt Ion: 84 Resp: 399
Ion Ratio Lower Upper
84 100
49 85.3 104.2 156.4#
51 0.0 32.2 48.4#
86 38.5 50.9 76.3#



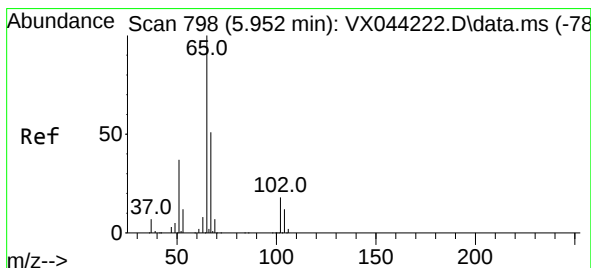
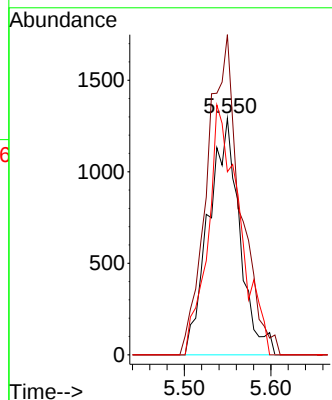
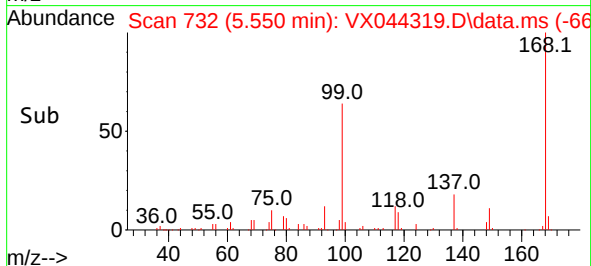


#31
Cyclohexane
Concen: 1.510 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

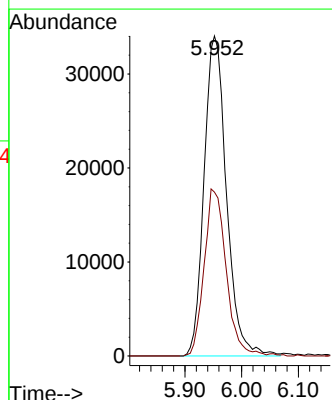
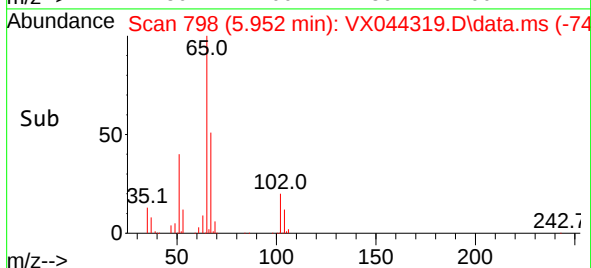
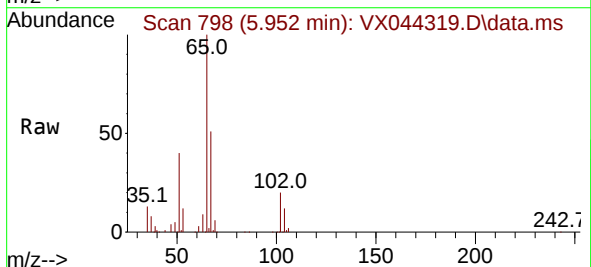


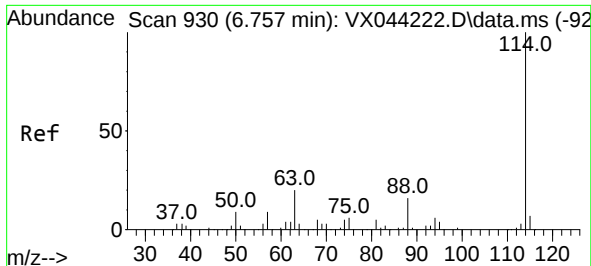
Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
69 135.4 24.7 37.1#
84 77.4 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 47.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Tgt Ion: 65 Resp: 93511
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

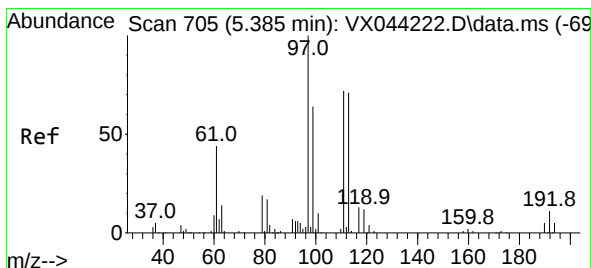
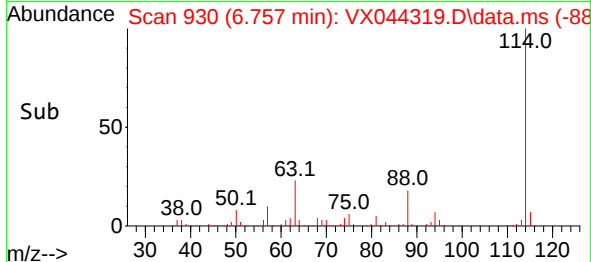
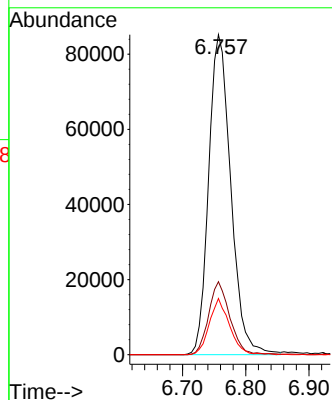
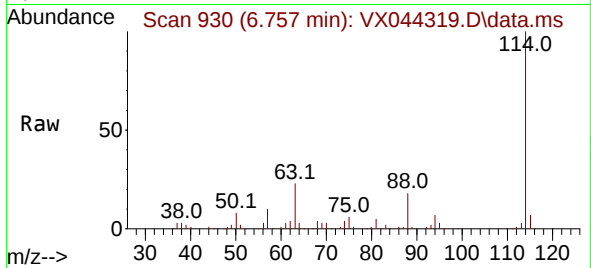




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

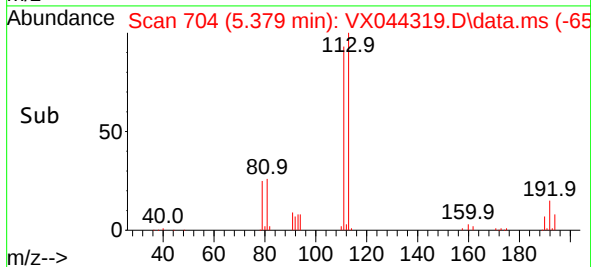
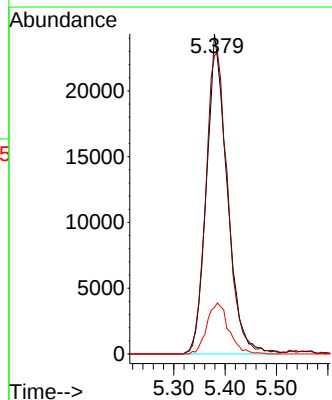
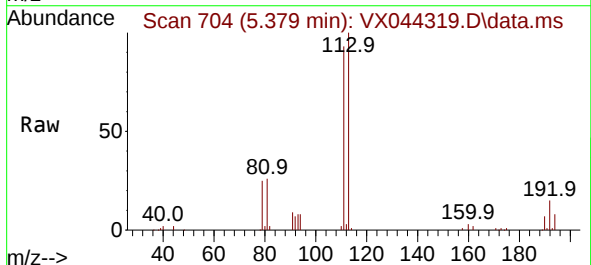
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

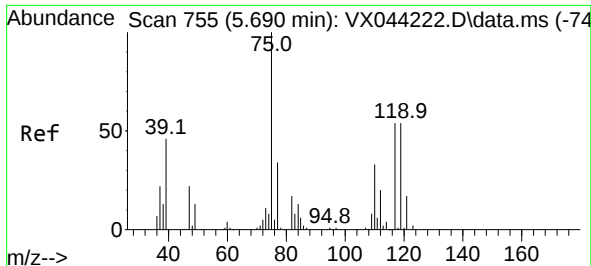
Tgt Ion:114 Resp: 207364
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.6
88 17.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.436 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

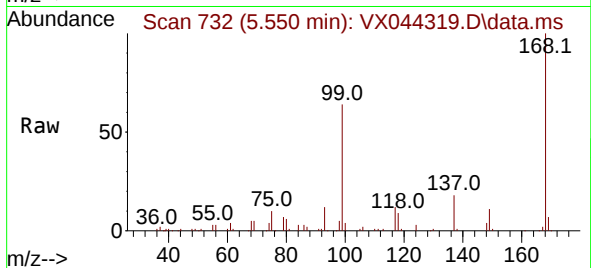
Tgt Ion:113 Resp: 68127
Ion Ratio Lower Upper
113 100
111 101.0 80.4 120.6
192 16.8 13.3 19.9



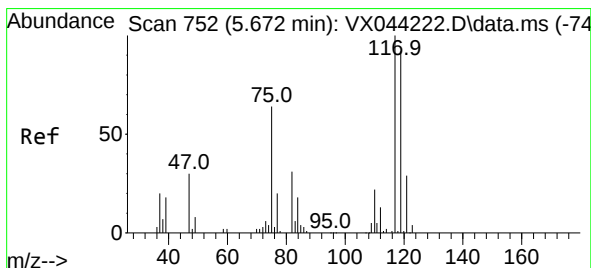
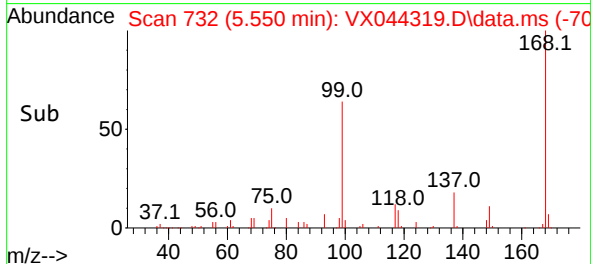
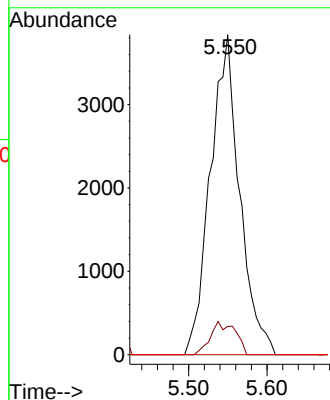


#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

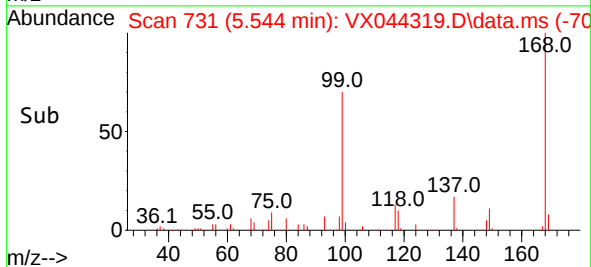
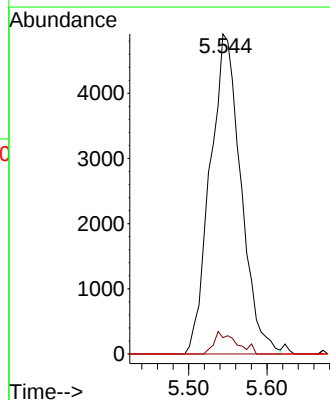
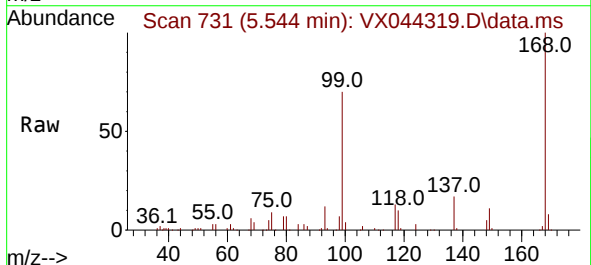


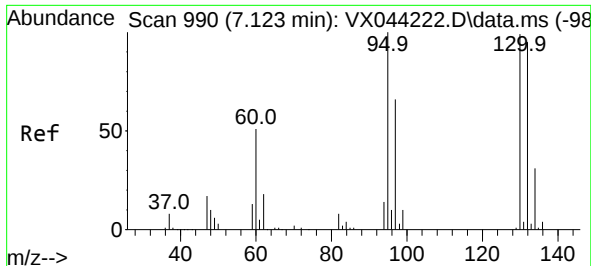
Tgt Ion: 75 Resp: 9968
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.715 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Tgt Ion: 117 Resp: 13421
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.4#
121 0.0 23.0 34.6#

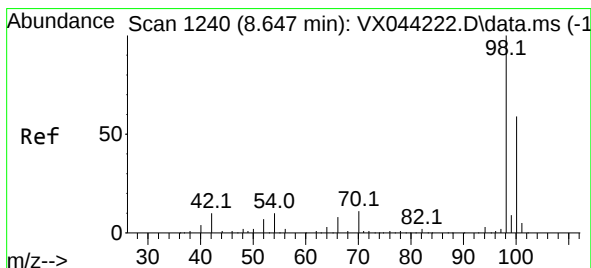
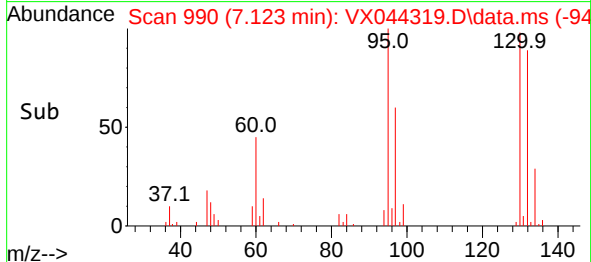
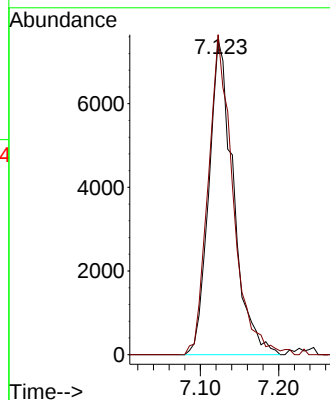
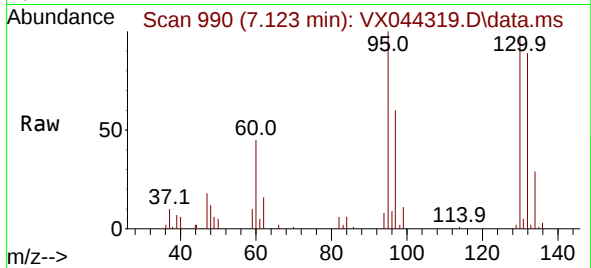




#44
Trichloroethene
Concen: 11.651 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

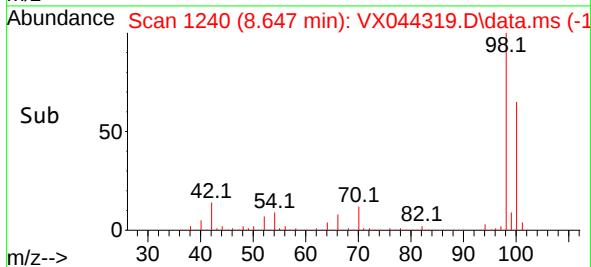
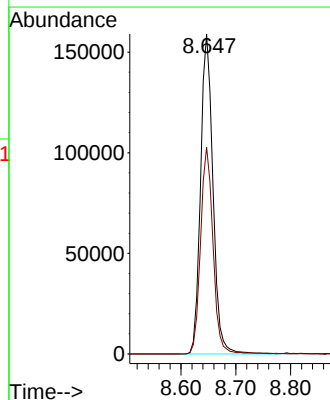
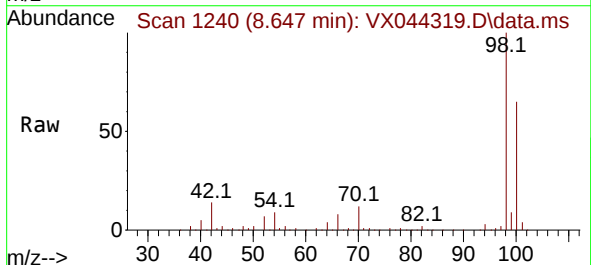
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

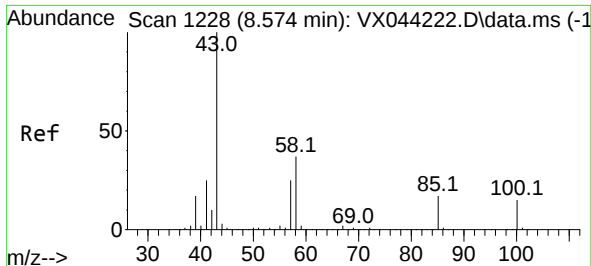
Tgt Ion:130 Resp: 16377
Ion Ratio Lower Upper
130 100
95 101.6 0.0 201.4



#50
Toluene-d8
Concen: 51.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Tgt Ion: 98 Resp: 250046
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.609 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX044319.D

Acq: 16 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

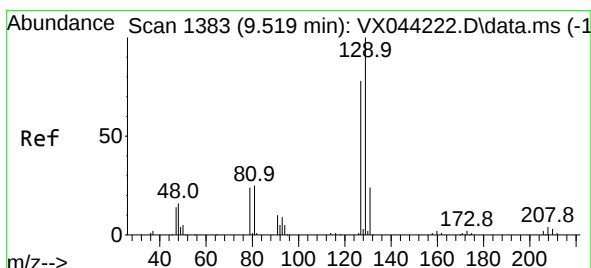
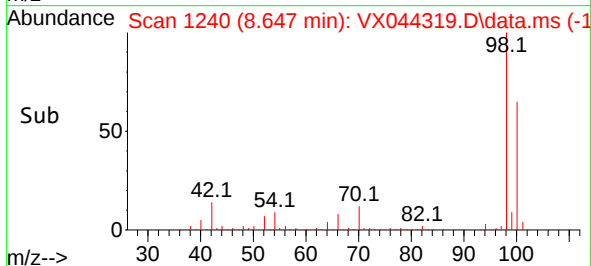
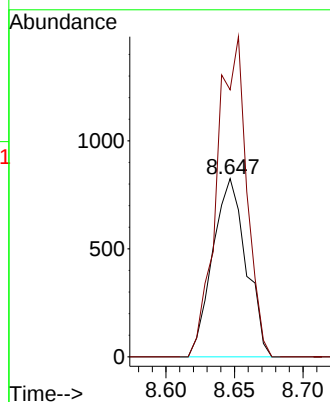
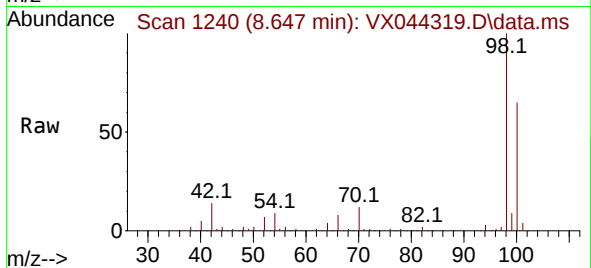
RE120D1-20241210

Tgt Ion: 43 Resp: 1405

Ion Ratio Lower Upper

43 100

58 160.0 29.4 44.0#



#60

Dibromochloromethane

Concen: 1.383 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX044319.D

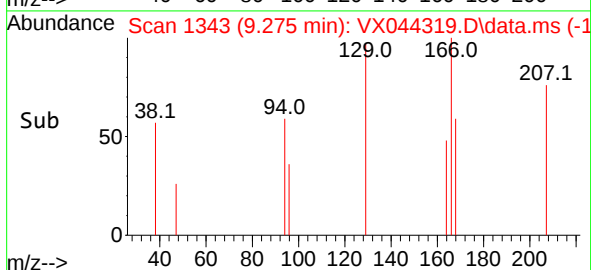
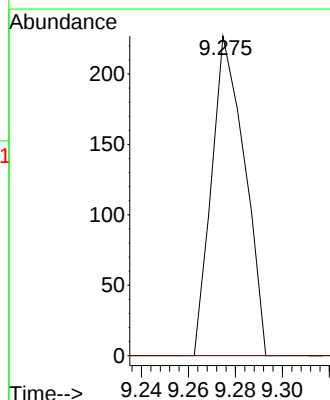
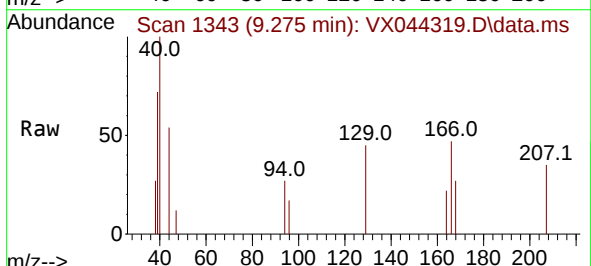
Acq: 16 Dec 2024 13:24

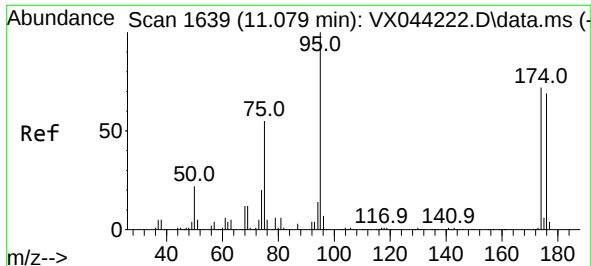
Tgt Ion: 129 Resp: 221

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

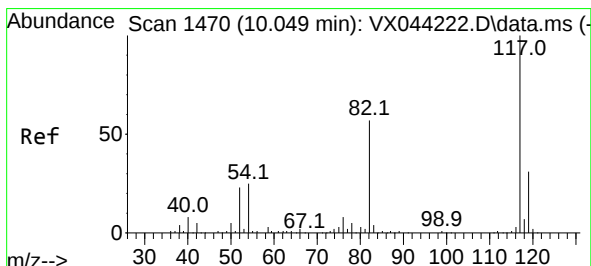
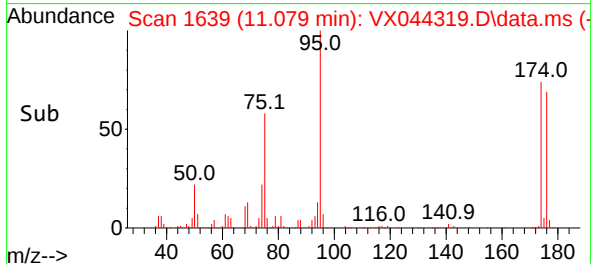
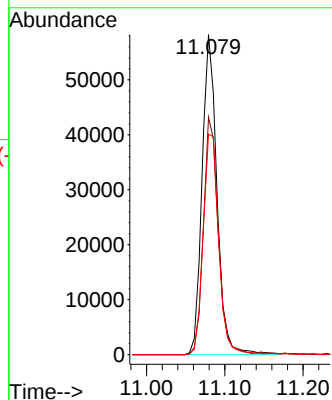
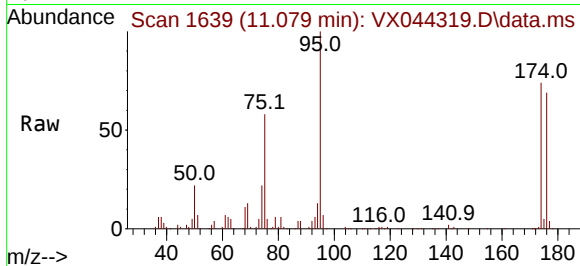




#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

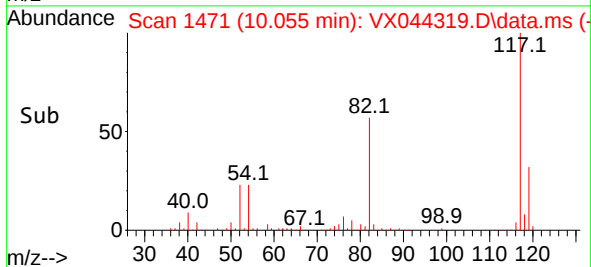
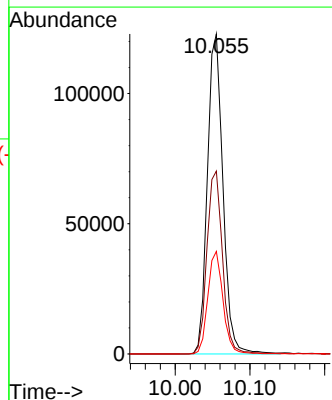
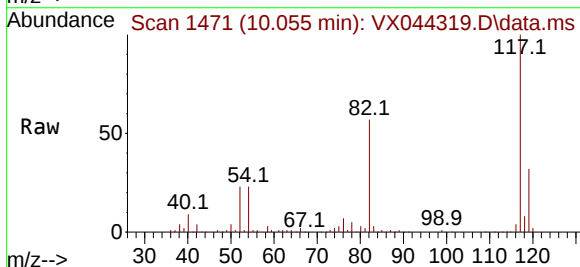
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20241210

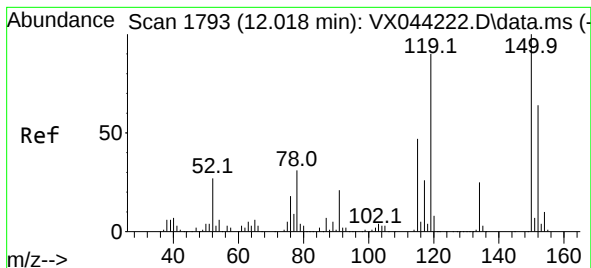
Tgt Ion: 95 Resp: 77001
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.8
176 71.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044319.D
Acq: 16 Dec 2024 13:24

Tgt Ion: 117 Resp: 177488
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.8
119 32.1 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044319.D

Acq: 16 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20241210

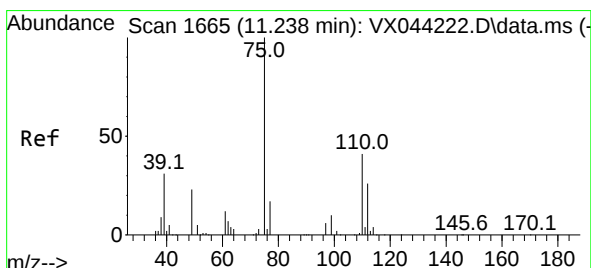
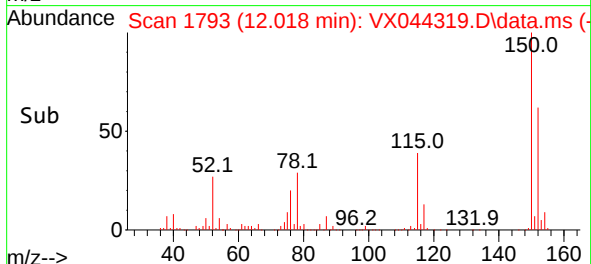
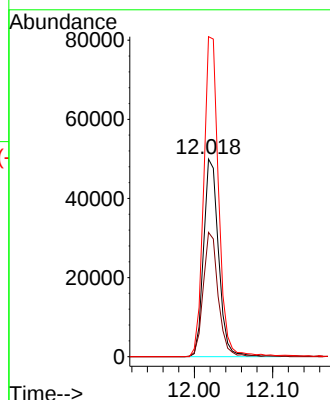
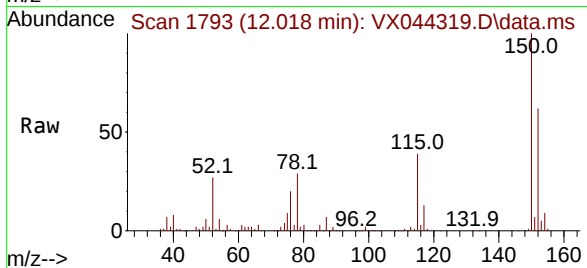
Tgt Ion:152 Resp: 66190

Ion Ratio Lower Upper

152 100

115 63.0 44.5 133.3

150 161.6 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 30.051 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044319.D

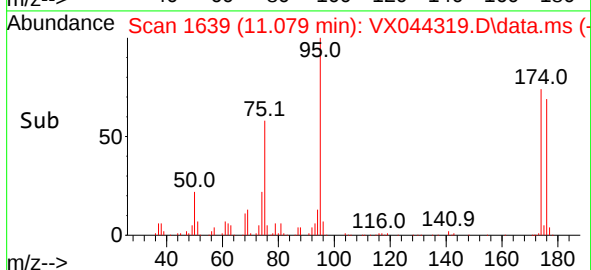
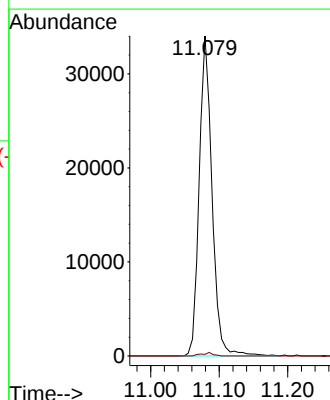
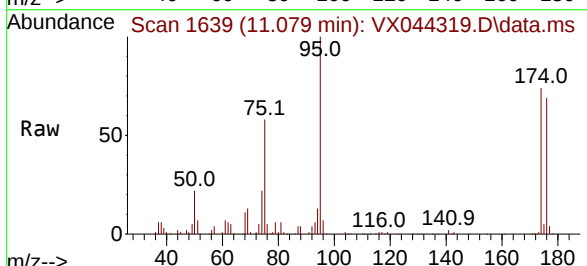
Acq: 16 Dec 2024 13:24

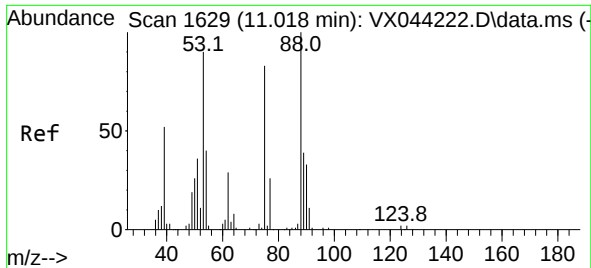
Tgt Ion: 75 Resp: 44412

Ion Ratio Lower Upper

75 100

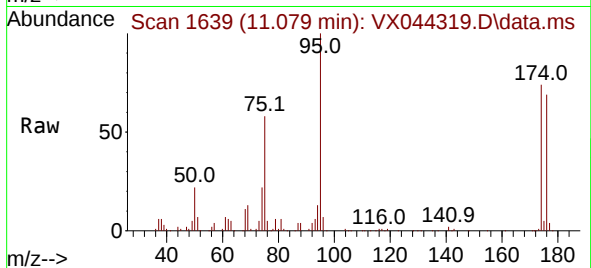
77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.083 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX044319.D
 Acq: 16 Dec 2024 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20241210



Tgt Ion: 75 Resp: 44412
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

