

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044474.D
 Acq On : 23 Dec 2024 12:58
 Operator : JC/MD
 Sample : P5317-22 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 21:55:16 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)

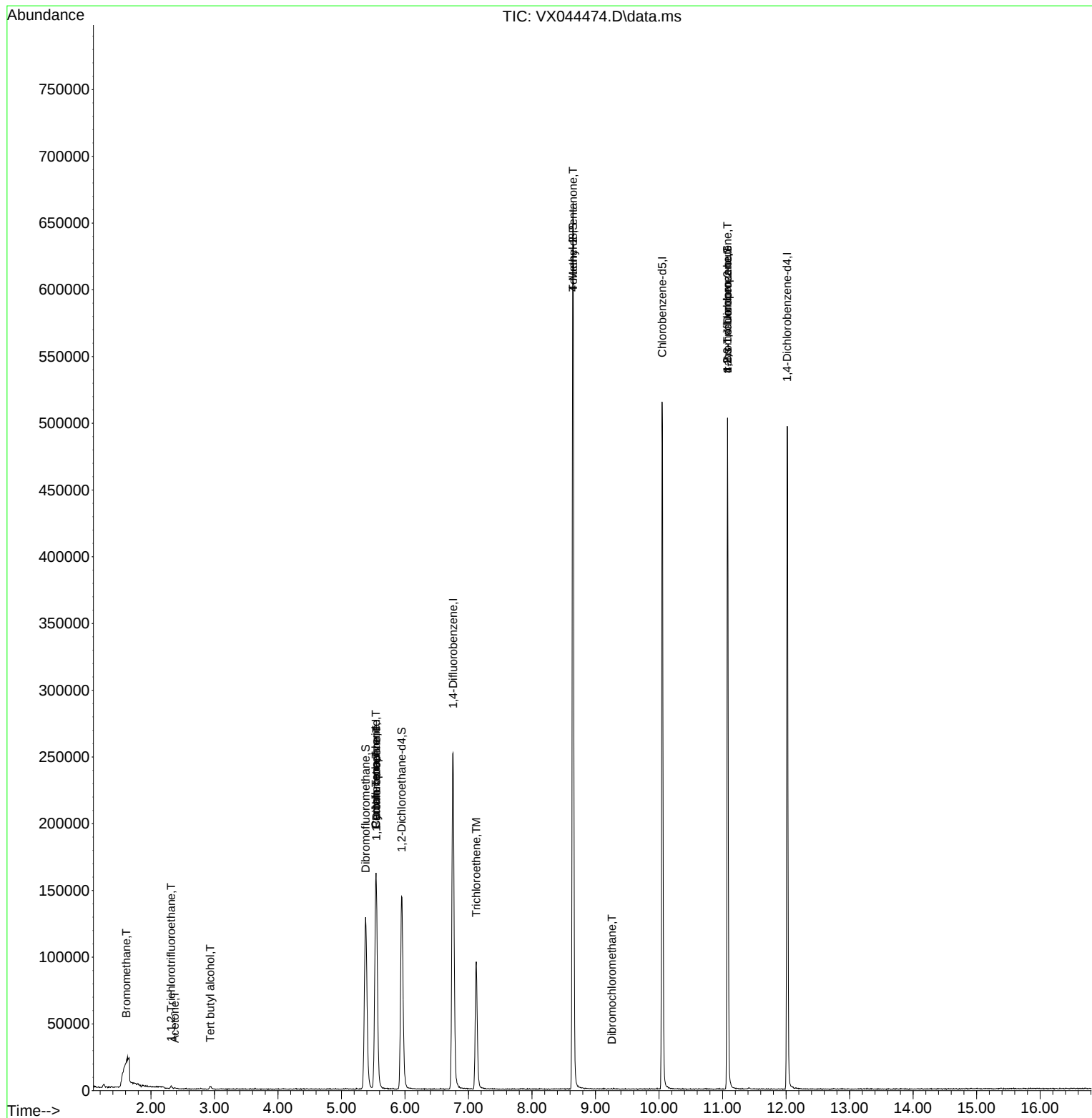
Internal Standards						
1) Pentafluorobenzene	5.544	168	153859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	233052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	141869	52.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.180%	
35) Dibromofluoromethane	5.379	113	110708	60.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 120.620%	
50) Toluene-d8	8.647	98	401421	64.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 129.640%#	
62) 4-Bromofluorobenzene	11.079	95	128917	59.578	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	501	0.298	ug/l #	64
9) 1,1,2-Trichlorotrifluo...	2.319	101	611	0.325	ug/l #	84
11) Tert butyl alcohol	2.934	59	680	1.789	ug/l #	71
16) Acetone	2.374	43	481	0.437	ug/l #	48
31) Cyclohexane	5.544	56	3310	1.137	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	12153	5.122	ug/l #	47
38) Carbon Tetrachloride	5.544	117	16281	6.374	ug/l #	18
44) Trichloroethene	7.123	130	37247	20.734	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1970	0.668	ug/l #	1
60) Dibromochloromethane	9.256	129	19	1.241	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	69202	30.447	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	69202	83.091	ug/l #	4

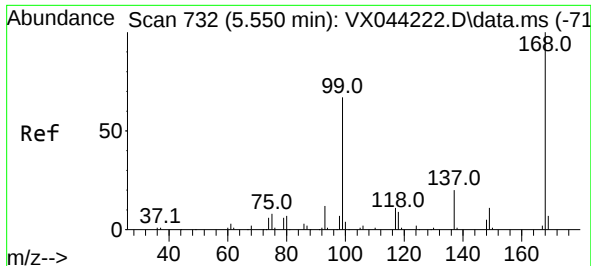
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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QLast Update : Thu Dec 12 04:28:14 2024
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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: VX044474.D

Acq: 23 Dec 2024 12:58

Instrument :

MSVOA_X

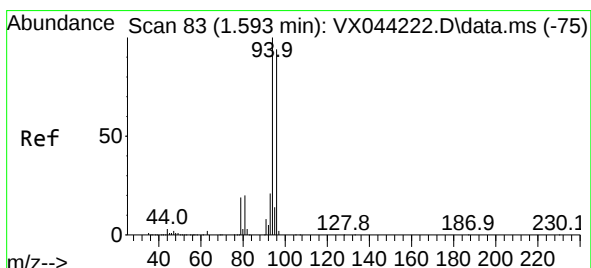
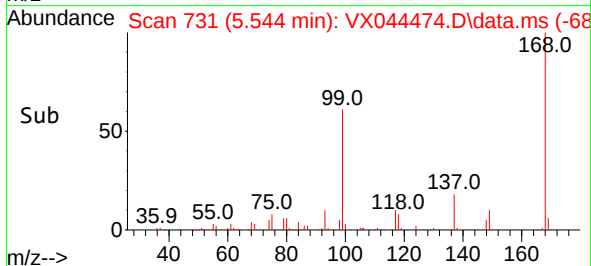
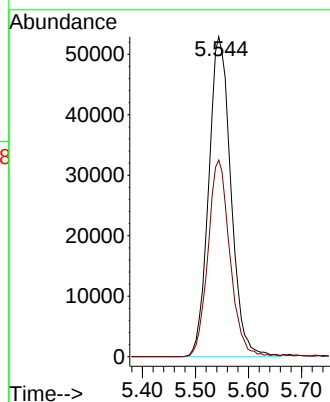
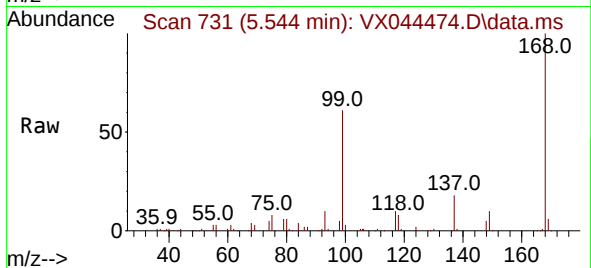
ClientSampleId :

Tgt Ion:168 Resp: 153859

Ion Ratio Lower Upper

168 100

99 61.5 53.4 80.0



#5

Bromomethane

Concen: 0.298 ug/l

RT: 1.611 min Scan# 86

Delta R.T. 0.018 min

Lab File: VX044474.D

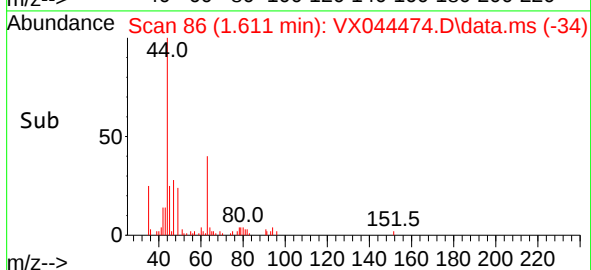
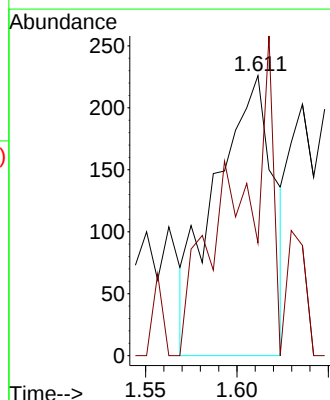
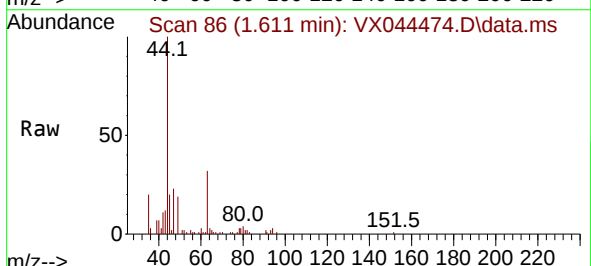
Acq: 23 Dec 2024 12:58

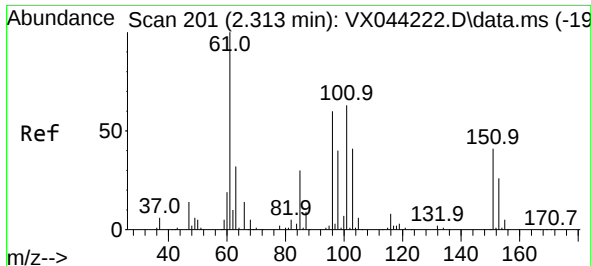
Tgt Ion: 94 Resp: 501

Ion Ratio Lower Upper

94 100

96 58.7 74.9 112.3#

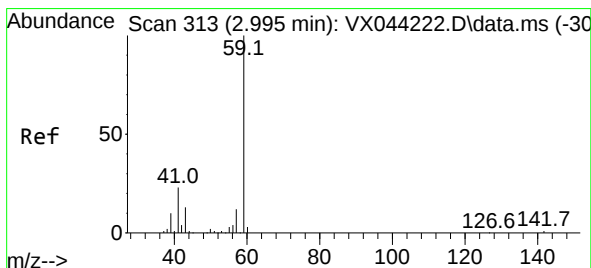
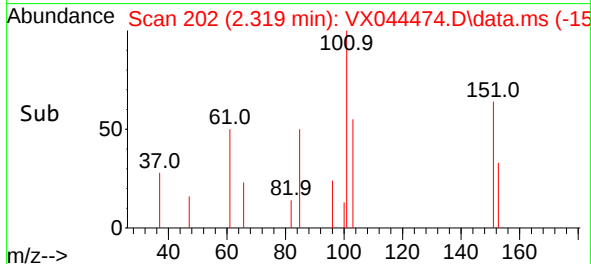
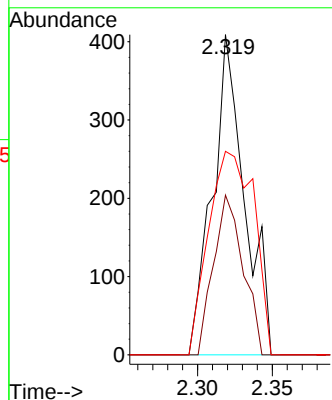
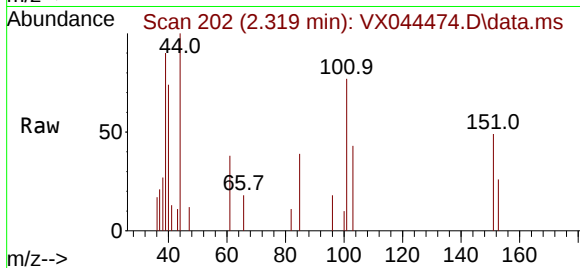




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.325 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

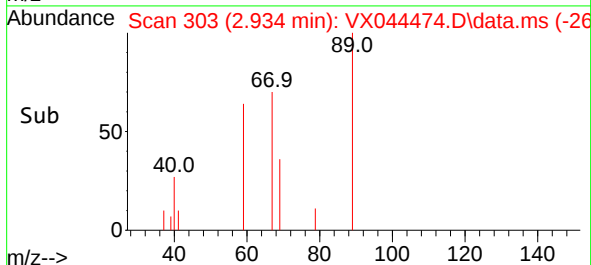
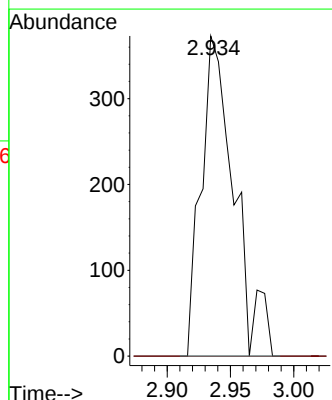
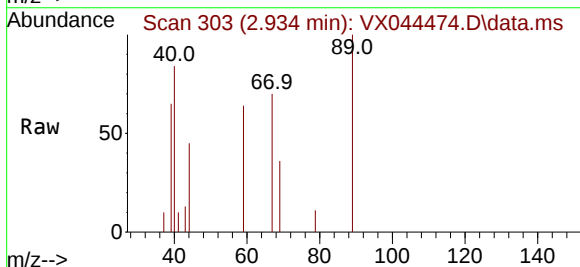
Instrument :
MSVOA_X
ClientSampleId :

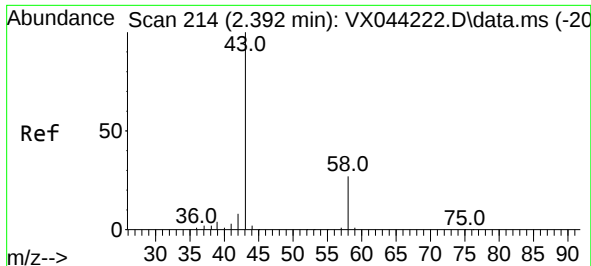
Tgt Ion:101 Resp: 611
Ion Ratio Lower Upper
101 100
85 46.0 38.5 57.7
151 90.0 55.8 83.6#



#11
Tert butyl alcohol
Concen: 1.789 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

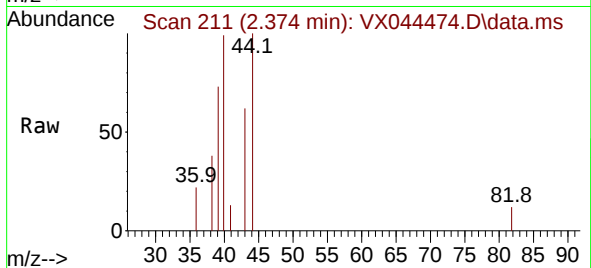
Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



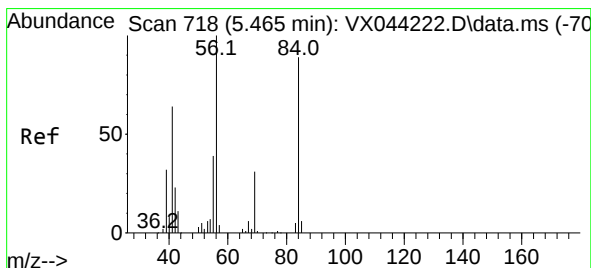
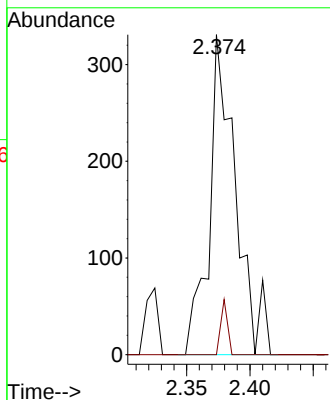
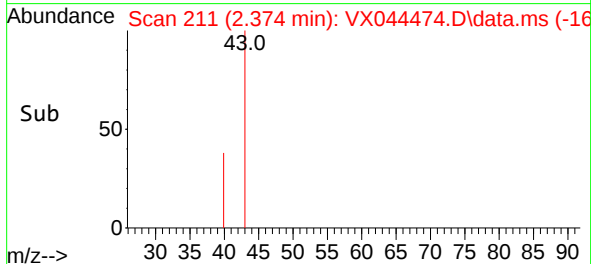


#16
Acetone
Concen: 0.437 ug/l
RT: 2.374 min Scan# 214
Delta R.T. -0.018 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

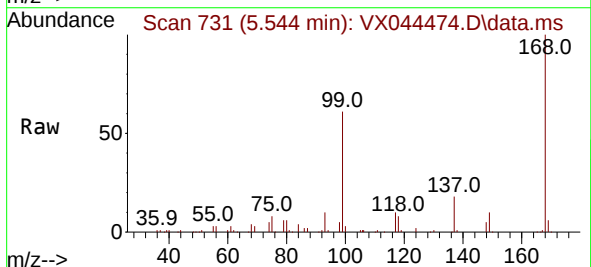
Instrument :
MSVOA_X
ClientSampleId :



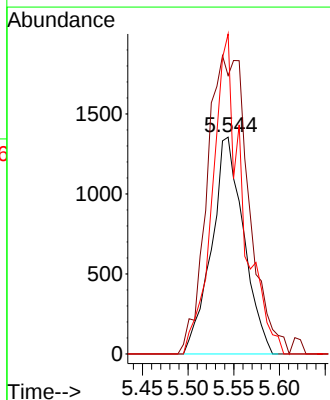
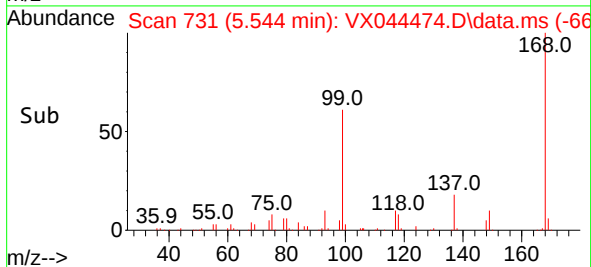
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#

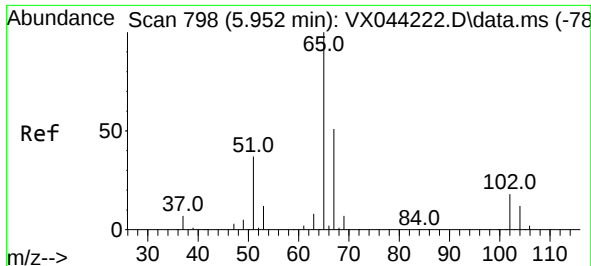


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58



Tgt Ion: 56 Resp: 3310
Ion Ratio Lower Upper
56 100
69 128.4 24.7 37.1#
84 147.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 52.590 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044474.D

Acq: 23 Dec 2024 12:58

Instrument :

MSVOA_X

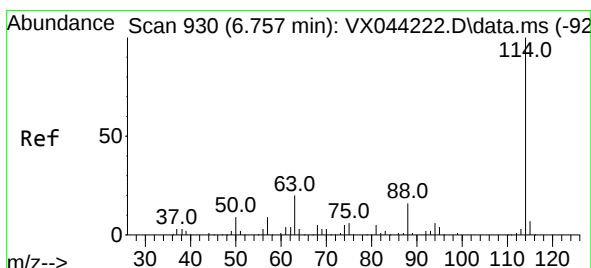
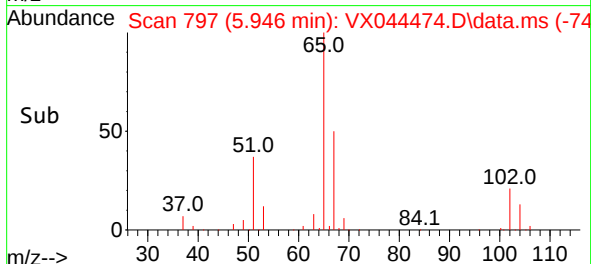
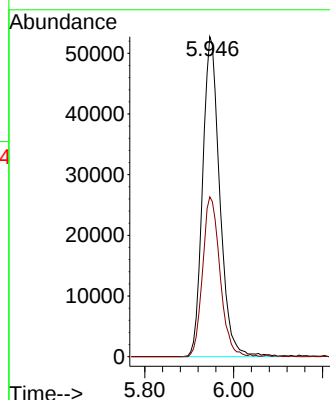
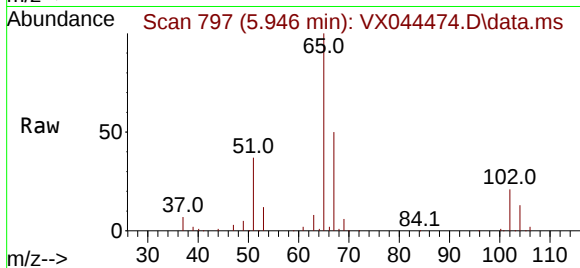
ClientSampleId :

Tgt Ion: 65 Resp: 141869

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044474.D

Acq: 23 Dec 2024 12:58

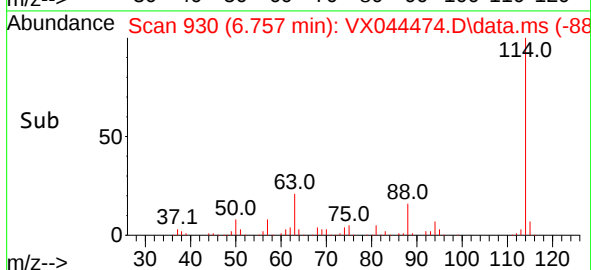
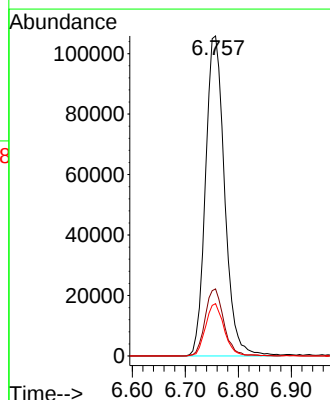
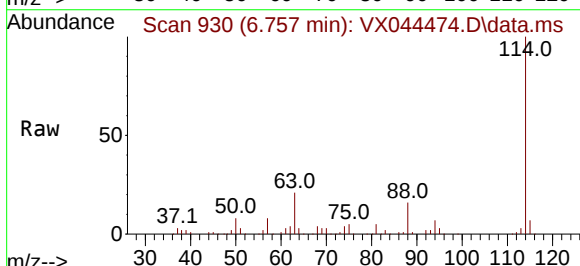
Tgt Ion: 114 Resp: 265026

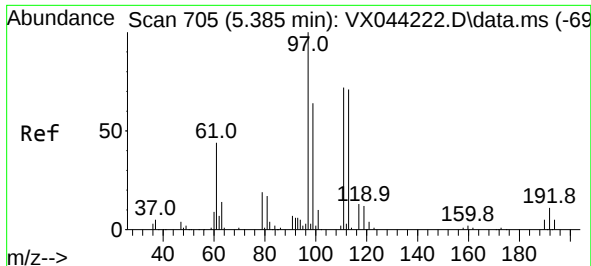
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

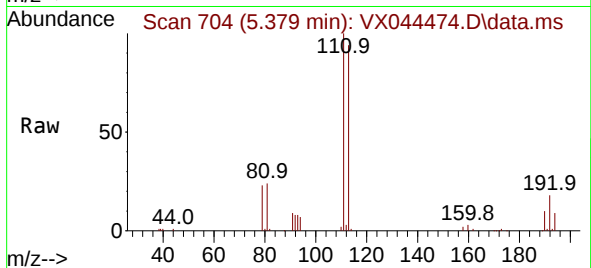
88 16.4 0.0 31.8



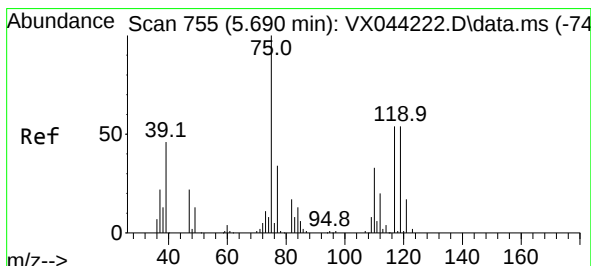
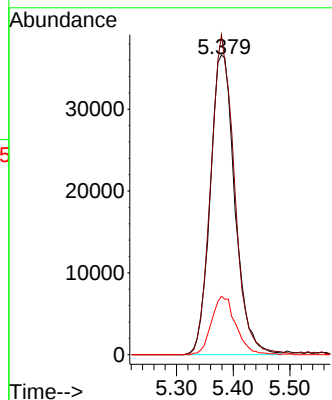
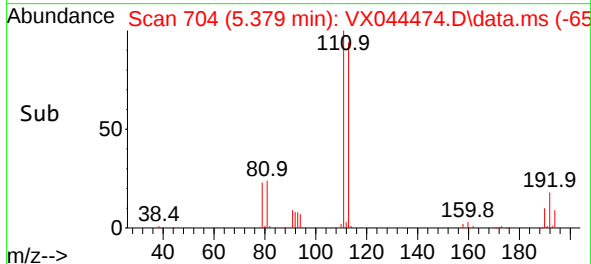


#35
Dibromofluoromethane
Concen: 60.313 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

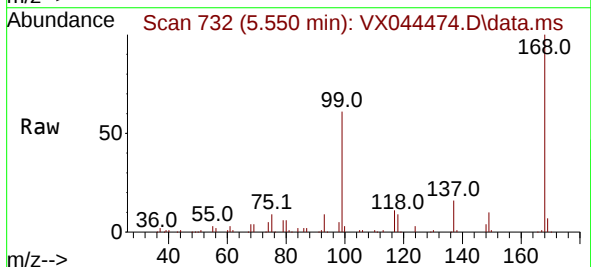
Instrument :
MSVOA_X
ClientSampleId :



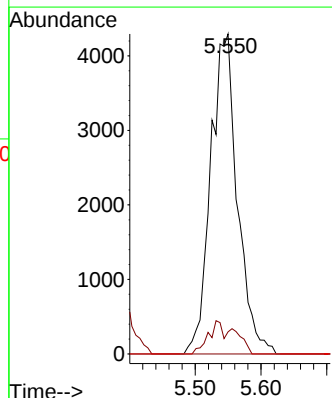
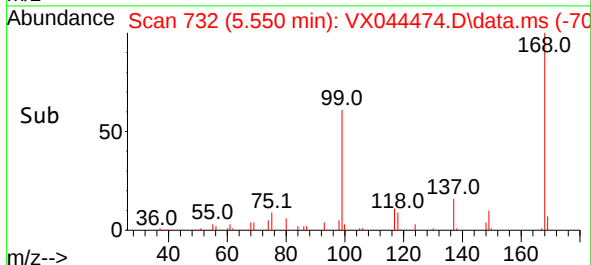
Tgt Ion:113 Resp: 110708
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 19.2 13.3 19.9

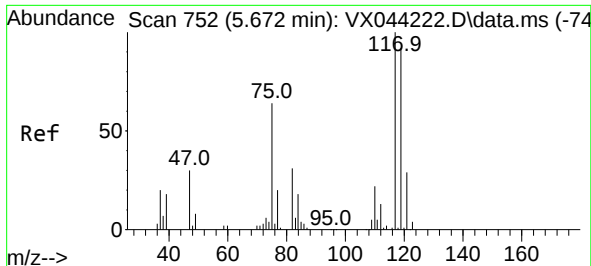


#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58



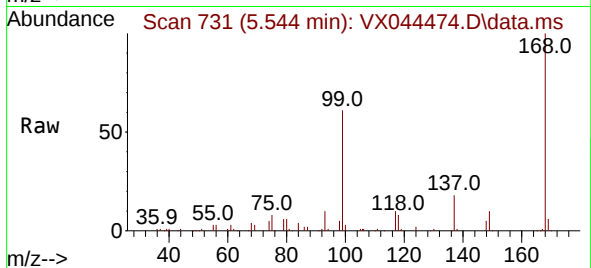
Tgt Ion: 75 Resp: 12153
Ion Ratio Lower Upper
75 100
110 5.7 17.3 51.7#
77 0.0 25.4 38.0#



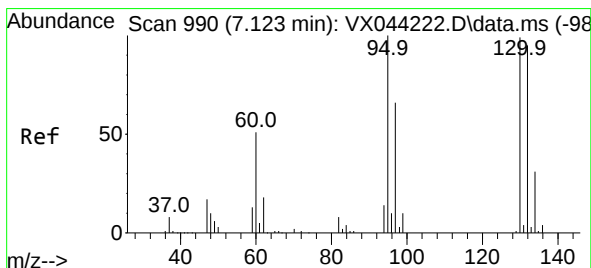
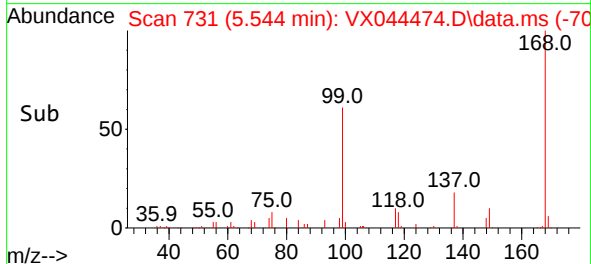
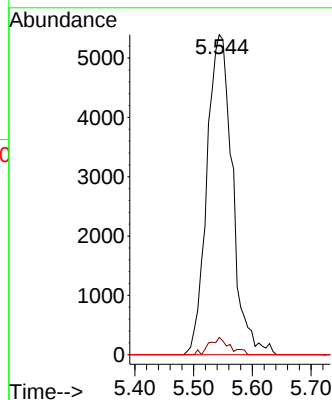


#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

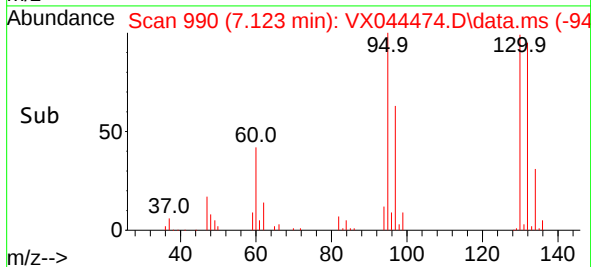
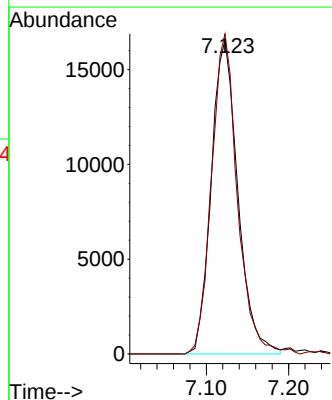
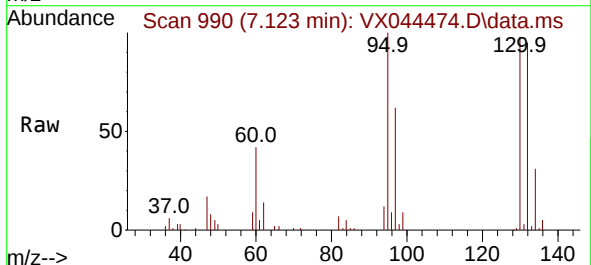


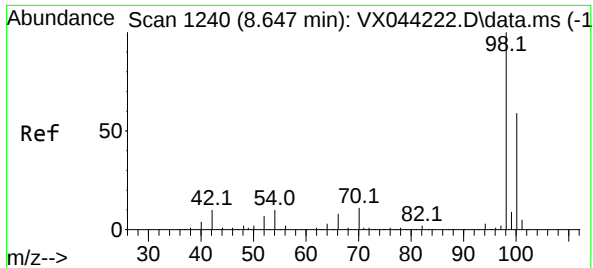
Tgt Ion:117 Resp: 16281
Ion Ratio Lower Upper
117 100
119 5.4 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 20.734 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Tgt Ion:130 Resp: 37247
Ion Ratio Lower Upper
130 100
95 101.9 0.0 201.4

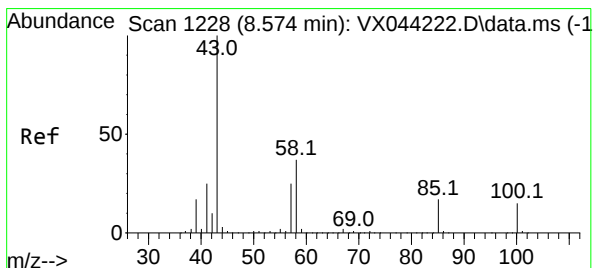
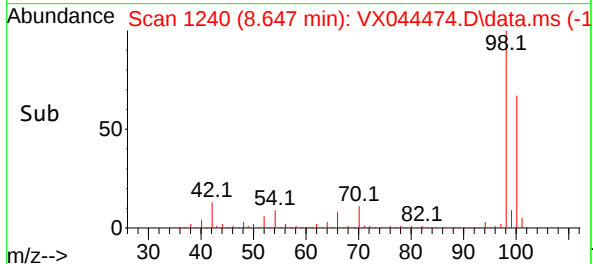
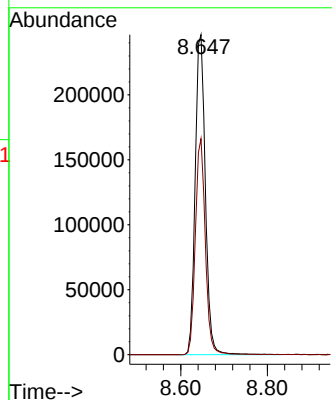
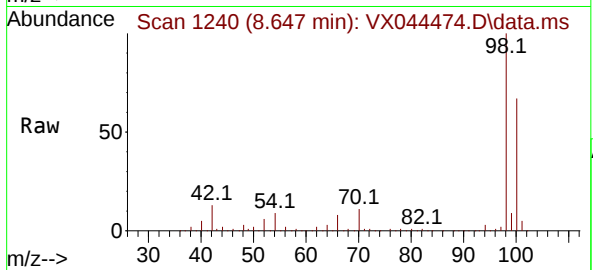




#50
Toluene-d8
Concen: 64.823 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

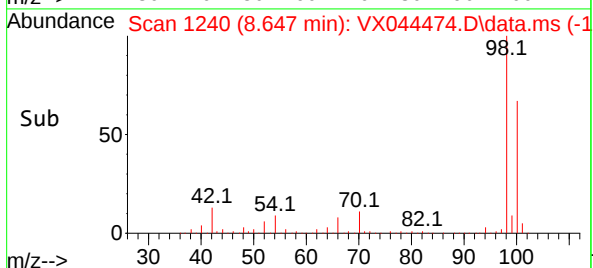
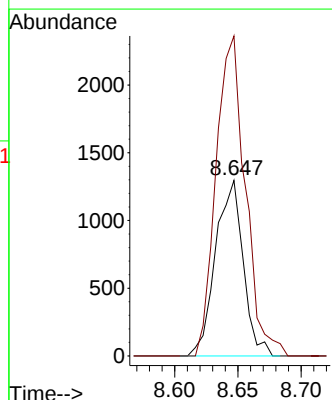
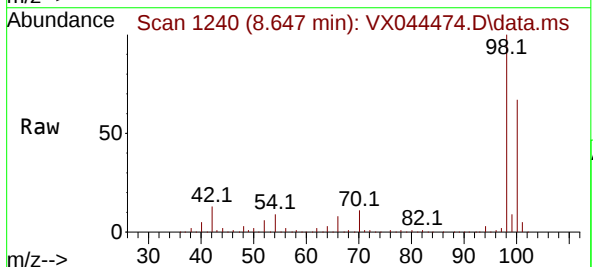
Instrument :
MSVOA_X
ClientSampleId :

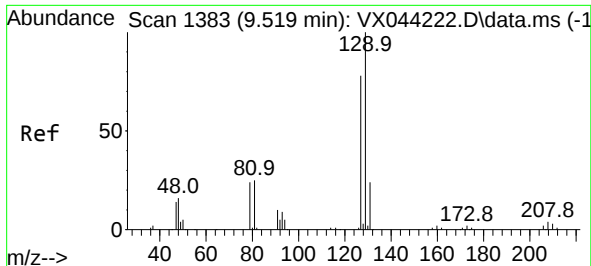
Tgt Ion: 98 Resp: 401421
Ion Ratio Lower Upper
98 100
100 66.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 193.2 29.4 44.0#

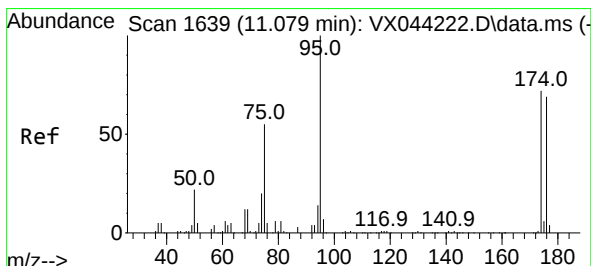
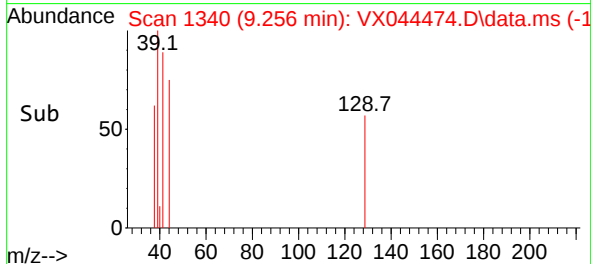
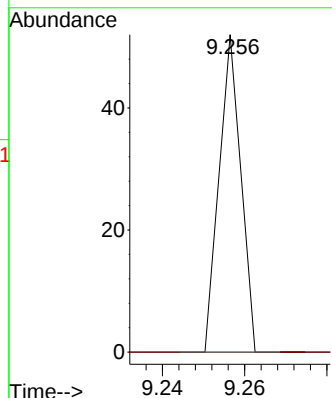
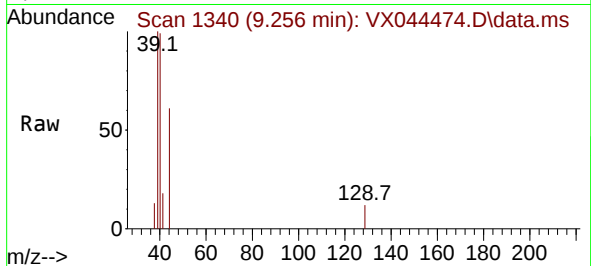




#60
Dibromochloromethane
Concen: 1.241 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

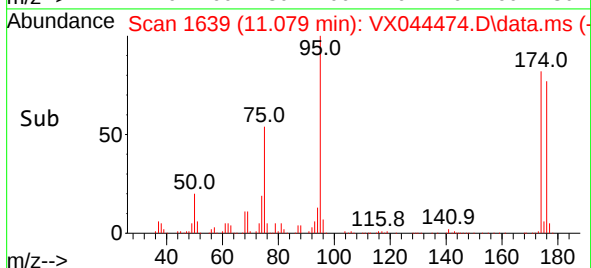
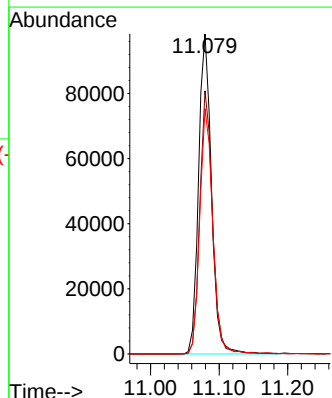
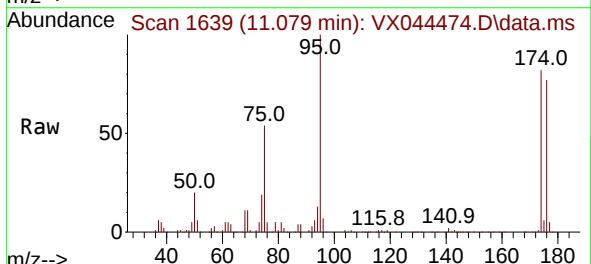
Instrument :
MSVOA_X
ClientSampleId :

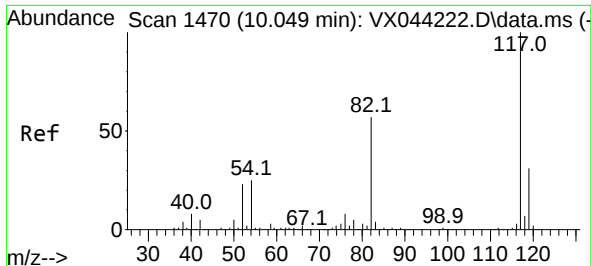
Tgt Ion:129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 59.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Tgt Ion: 95 Resp: 128917
Ion Ratio Lower Upper
95 100
174 81.3 0.0 145.8
176 77.3 0.0 137.8

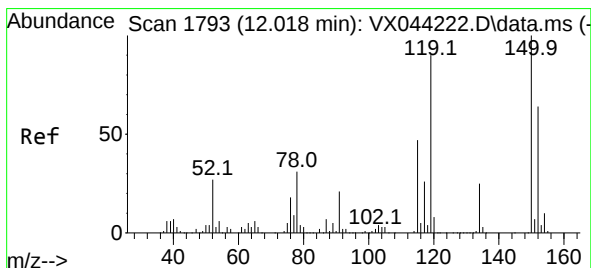
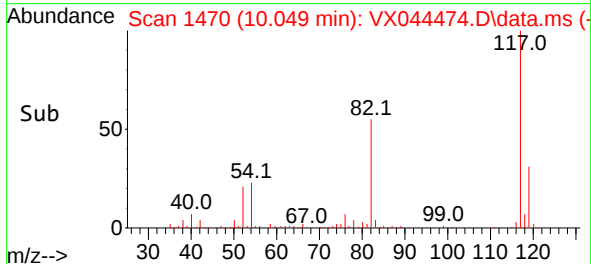
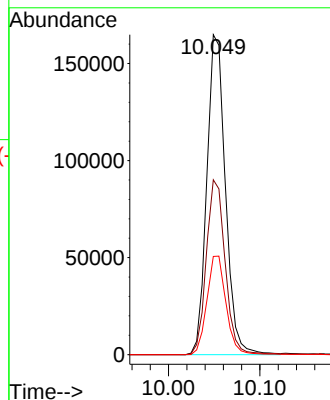
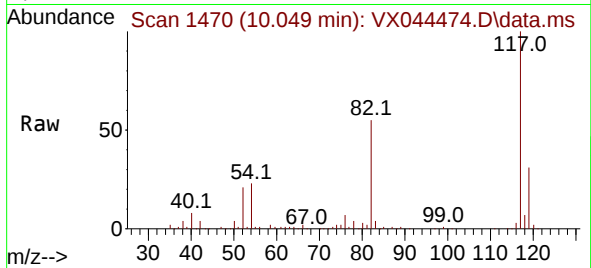




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

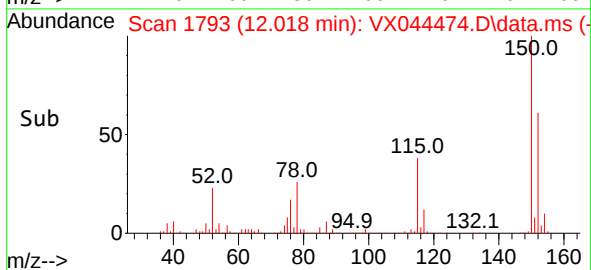
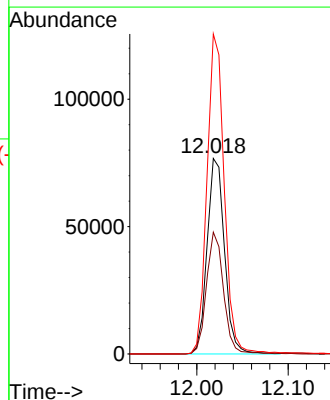
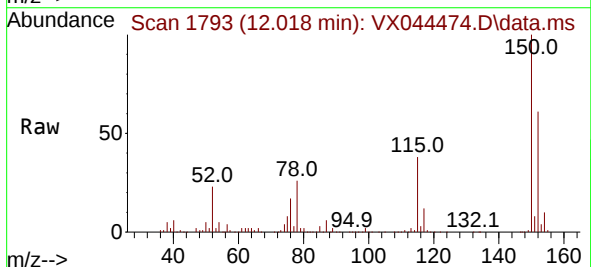
Instrument :
MSVOA_X
ClientSampleId :

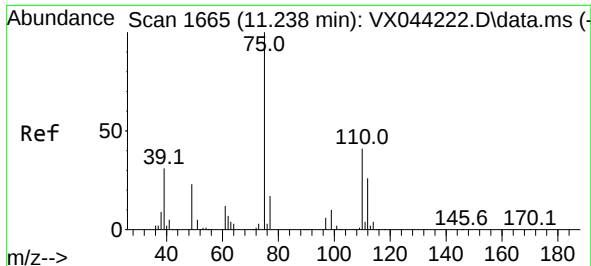
Tgt Ion:117 Resp: 233052
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.8
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Tgt Ion:152 Resp: 101796
Ion Ratio Lower Upper
152 100
115 60.9 44.5 133.3
150 162.2 0.0 353.8

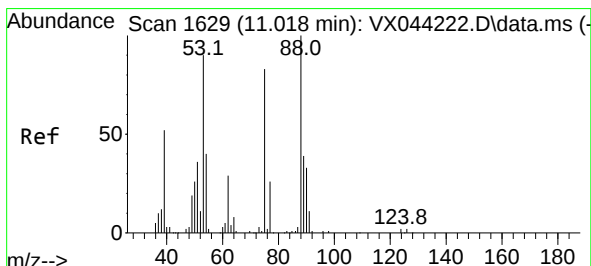
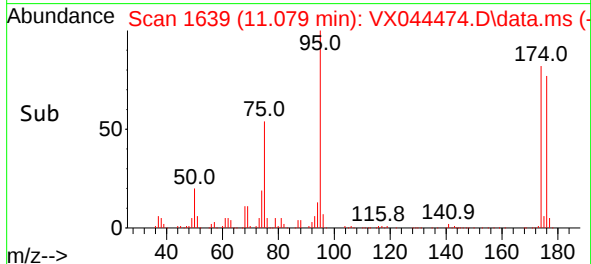
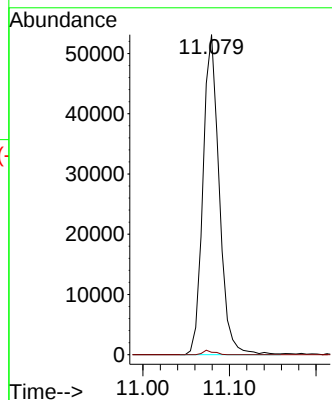
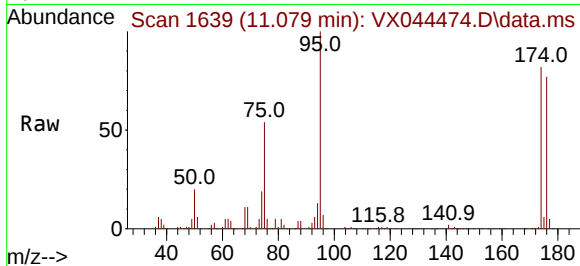




#76
1,2,3-Trichloropropane
Concen: 30.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 69202
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044474.D
Acq: 23 Dec 2024 12:58

Tgt Ion: 75 Resp: 69202
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#

