

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025191.D
 Acq On : 17 Nov 2021 16:47
 Operator : JC/MD
 Sample : VX1117WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBL01

Quant Time: Nov 18 06:27:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

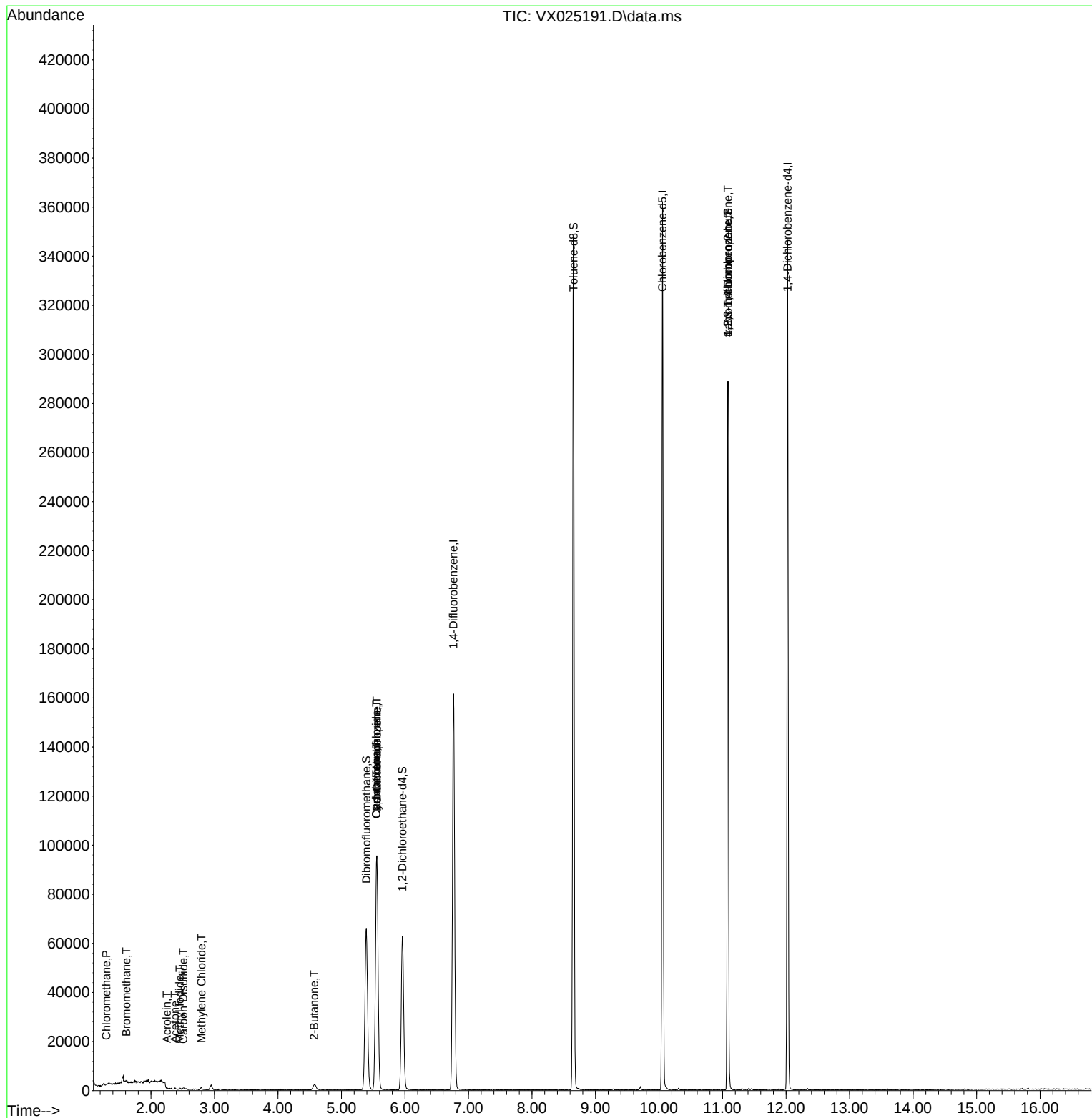
Internal Standards						
1) Pentafluorobenzene	5.556	168	101102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57751	54.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 108.380%		
35) Dibromofluoromethane	5.391	113	57317	52.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.580%		
50) Toluene-d8	8.653	98	208367	51.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 102.100%		
62) 4-Bromofluorobenzene	11.085	95	77364	50.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 100.200%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	223	0.206	ug/l #	42
5) Bromomethane	1.611	94	457	0.892	ug/l	88
10) Methyl Iodide	2.453	142	440	0.374	ug/l #	83
11) Tert butyl alcohol	2.946	59	1024	Below Cal	#	72
13) Acrolein	2.252	56	44	0.901	ug/l #	13
16) Acetone	2.380	43	634	1.071	ug/l #	83
17) Carbon Disulfide	2.508	76	749	0.284	ug/l #	76
20) Methylene Chloride	2.794	84	420	0.377	ug/l #	86
25) 2-Butanone	4.568	43	177	0.207	ug/l #	48
31) Cyclohexane	5.550	56	1940	1.178	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	6827	4.422	ug/l #	48
38) Carbon Tetrachloride	5.550	117	9095	5.349	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	36901	23.868	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	36901	60.127	ug/l #	9
95) Naphthalene	13.780	128	266	Below Cal	#	69

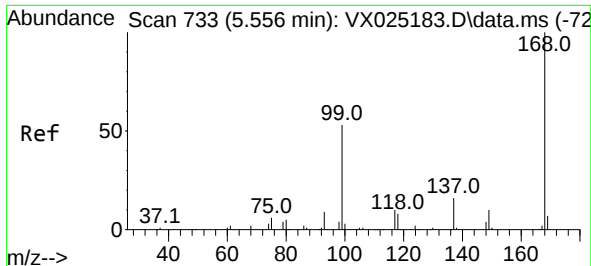
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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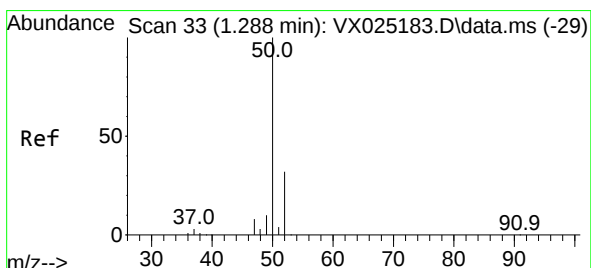
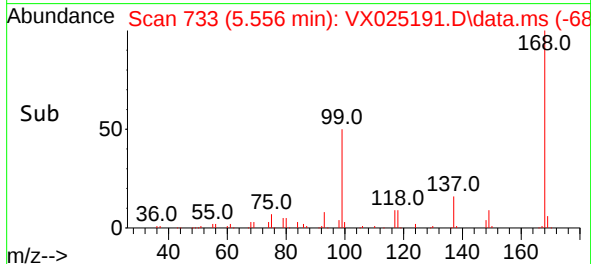
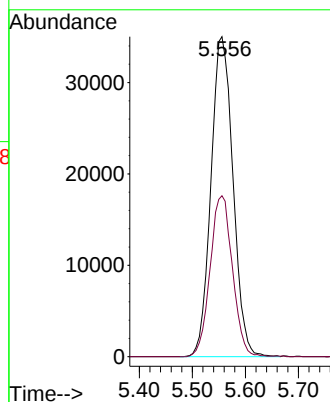
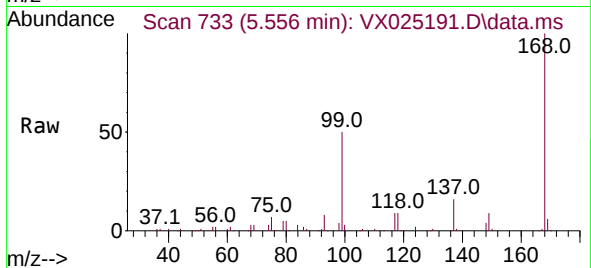




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

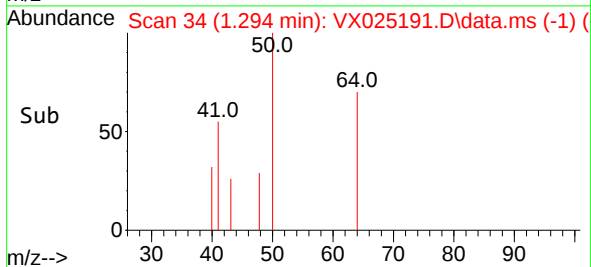
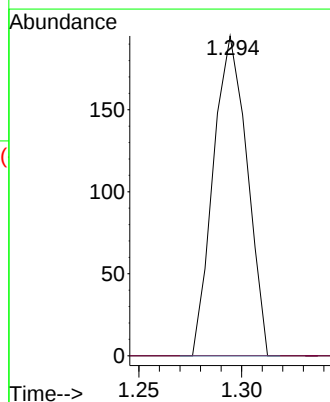
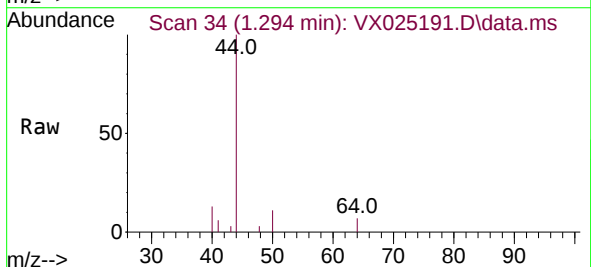
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

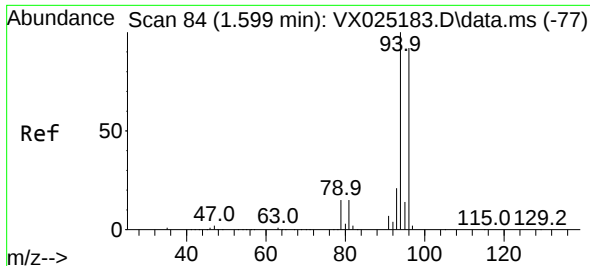
Tgt Ion:168 Resp: 101102
Ion Ratio Lower Upper
168 100
99 50.3 46.4 69.6



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

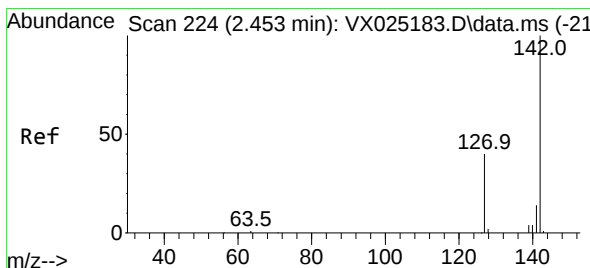
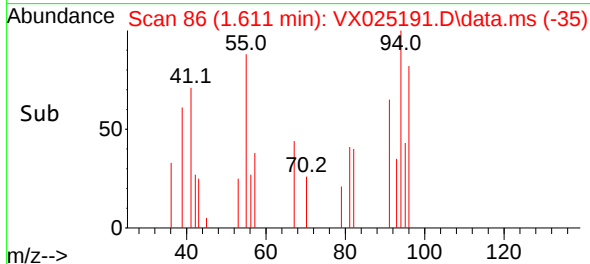
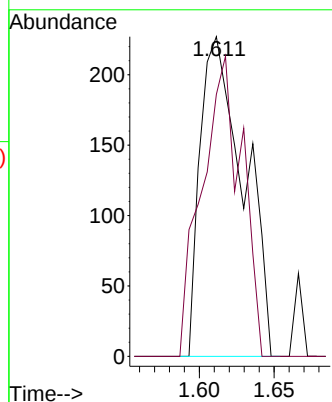
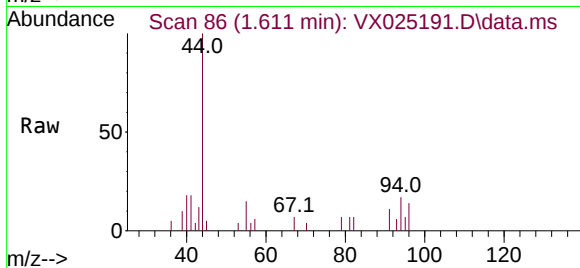




#5
Bromomethane
Concen: 0.892 ug/l
RT: 1.611 min Scan# 84
Delta R.T. 0.012 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

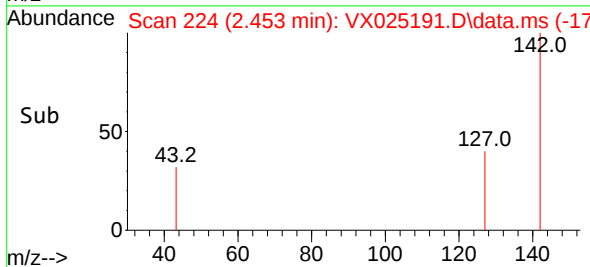
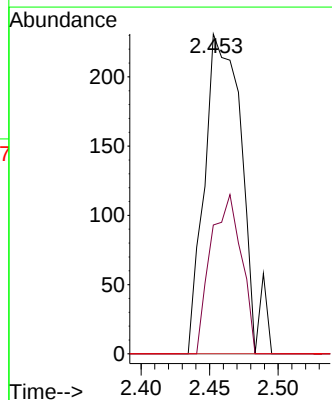
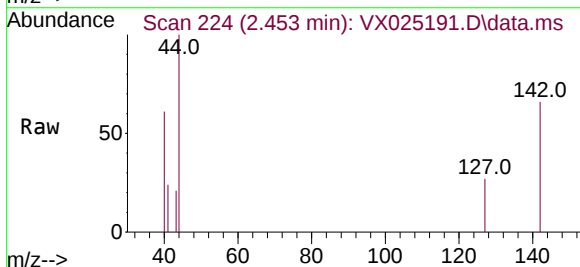
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

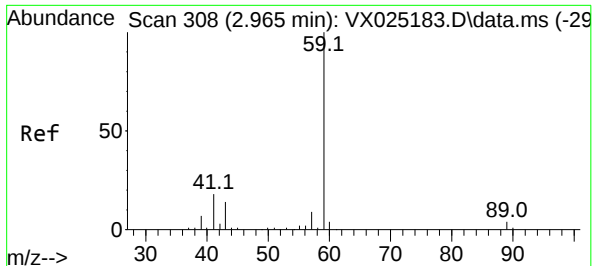
Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 81.9 74.8 112.2



#10
Methyl Iodide
Concen: 0.374 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 142 Resp: 440
Ion Ratio Lower Upper
142 100
127 40.5 38.9 58.3
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025191.D

Acq: 17 Nov 2021 16:47

Instrument :

MSVOA_X

ClientSampleId :

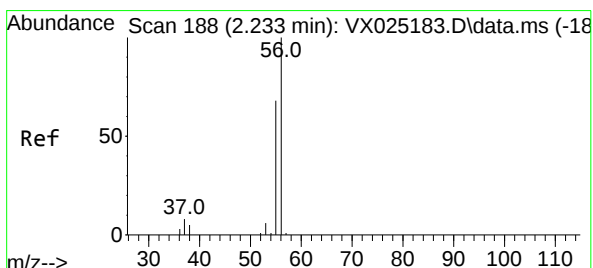
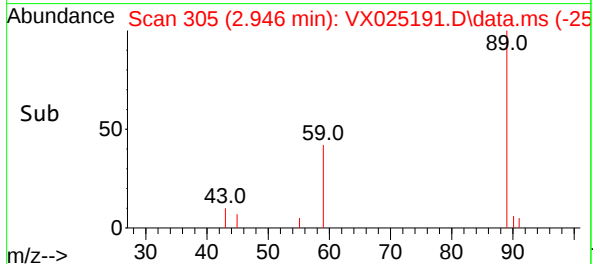
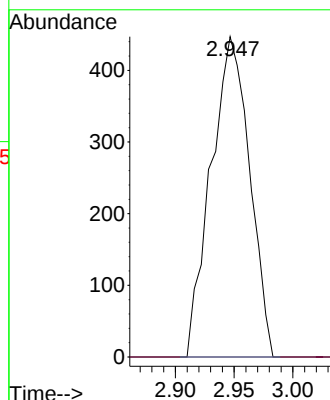
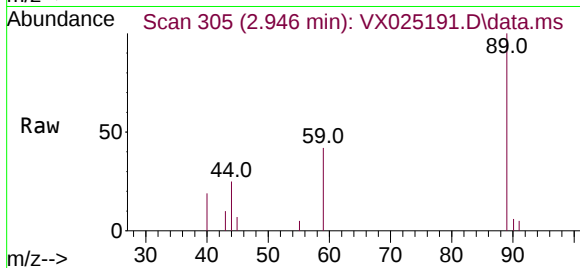
VX1117WBL01

Tgt Ion: 59 Resp: 1024

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.901 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.018 min

Lab File: VX025191.D

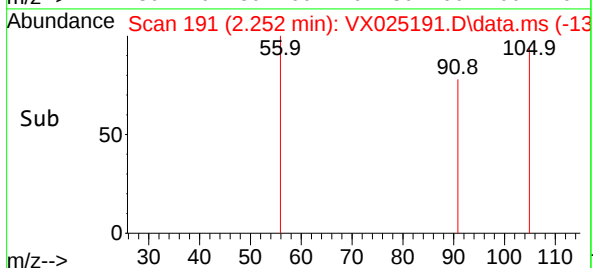
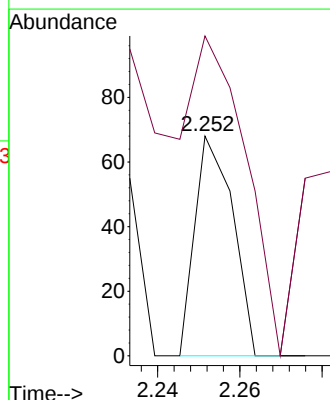
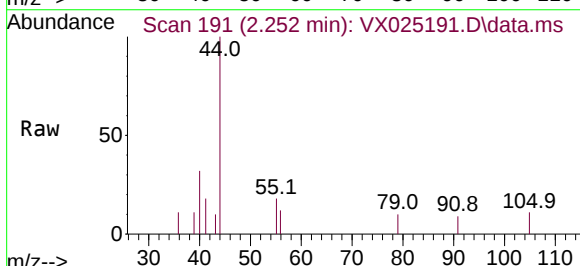
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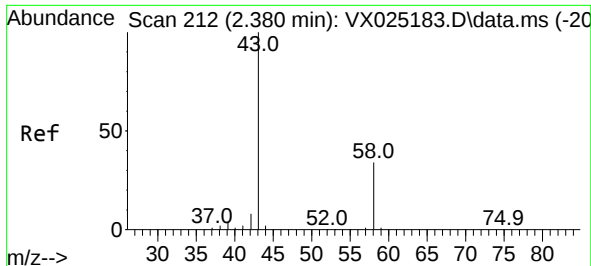
Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

56 100

55 0.0 58.6 87.8#

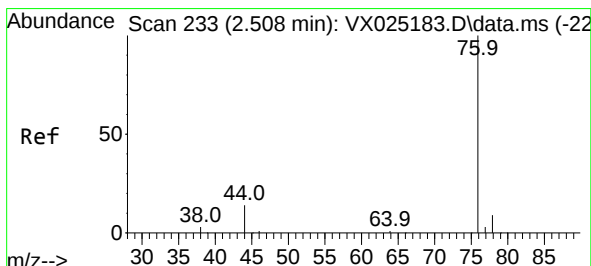
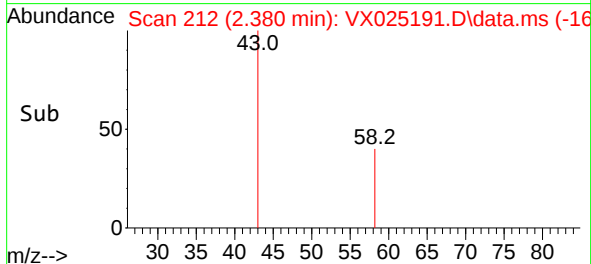
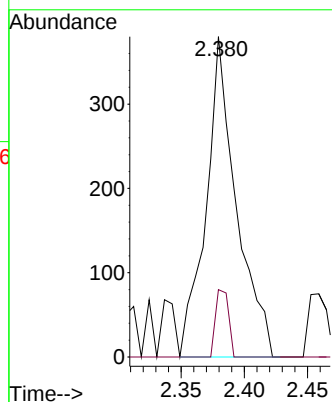
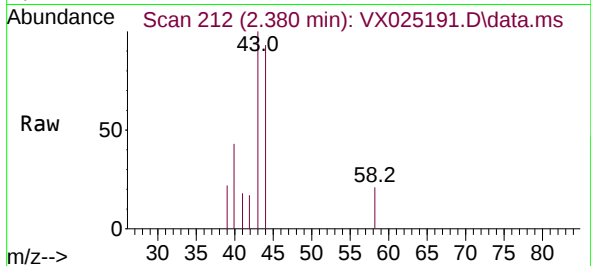




#16
Acetone
Concen: 1.071 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

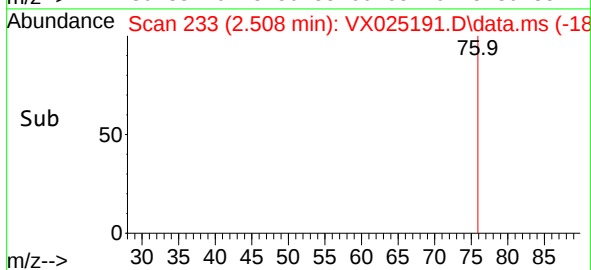
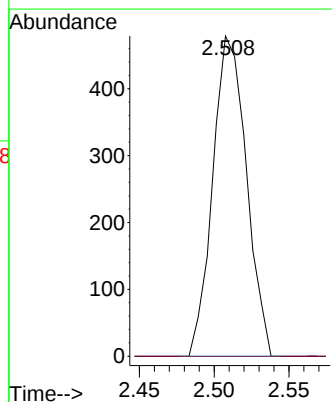
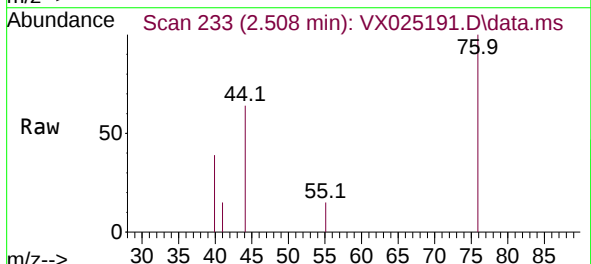
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

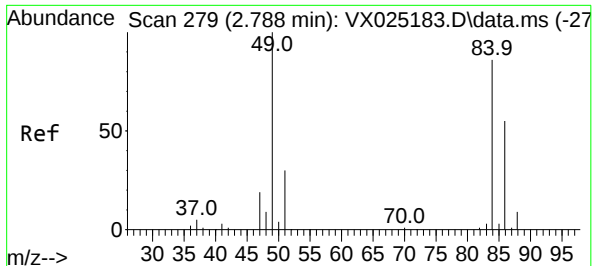
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 21.1 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.284 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 76 Resp: 749
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#





#20

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX025191.D

Acq: 17 Nov 2021 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBL01

Tgt Ion: 84 Resp: 420

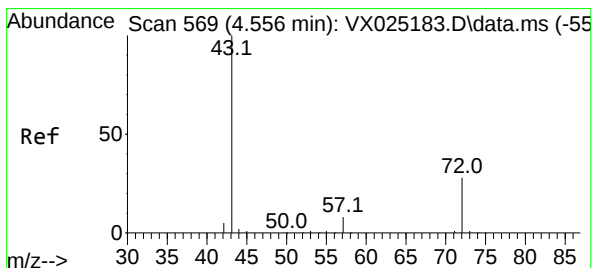
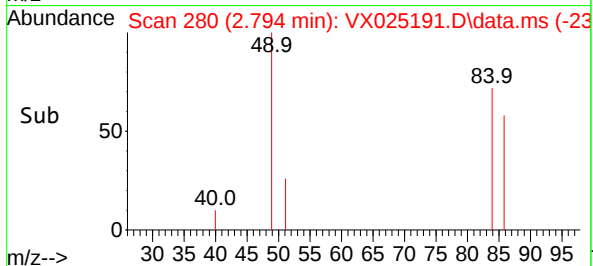
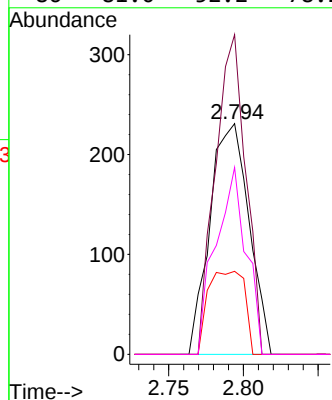
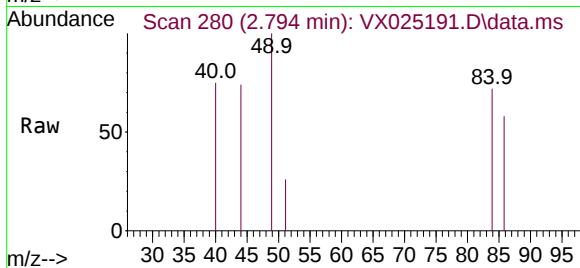
Ion Ratio Lower Upper

84 100

49 138.5 98.2 147.2

51 35.9 30.2 45.4

86 81.0 52.2 78.2#



#25

2-Butanone

Concen: 0.207 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX025191.D

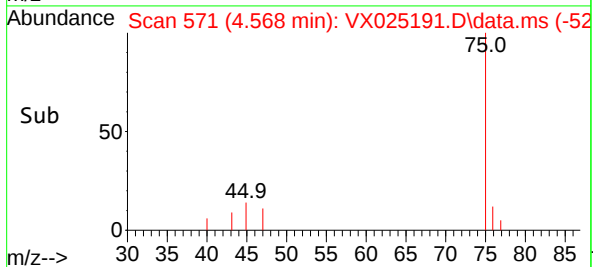
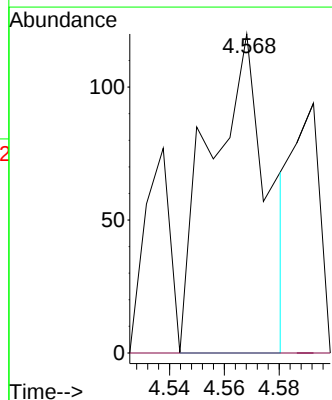
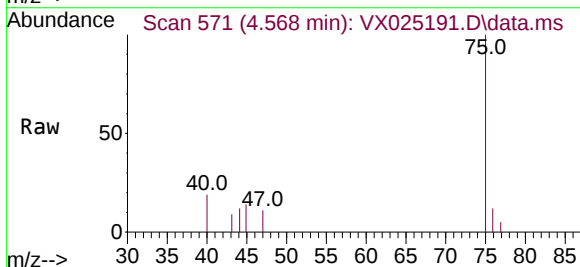
Acq: 17 Nov 2021 16:47

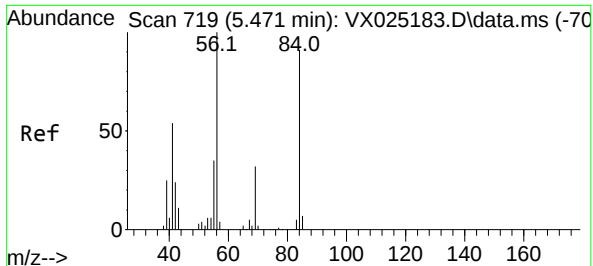
Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#

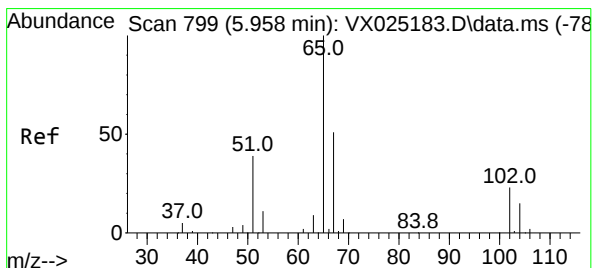
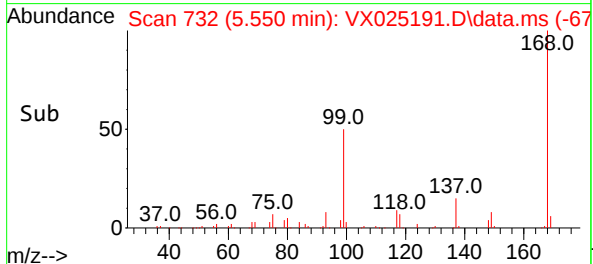
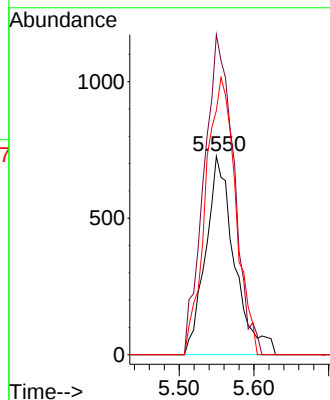
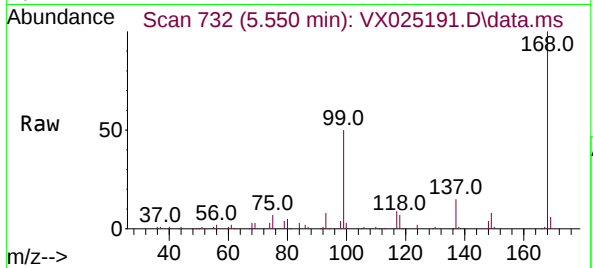




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

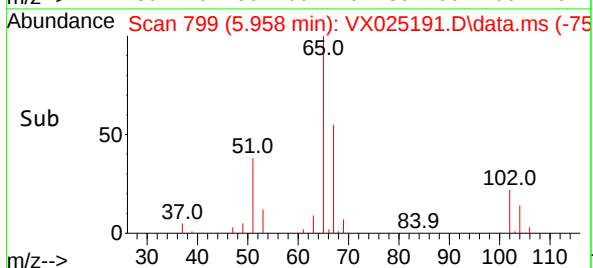
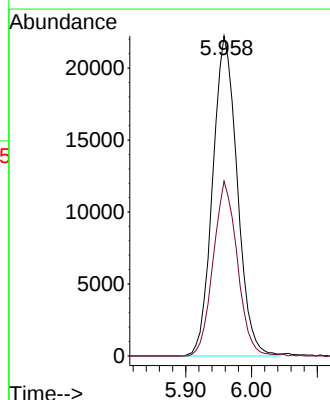
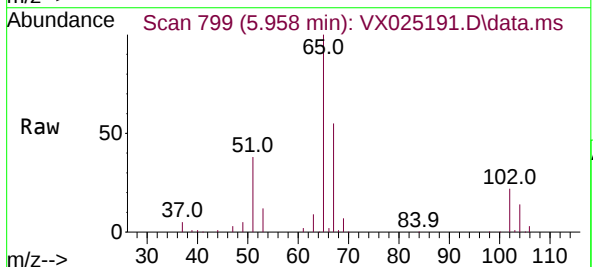
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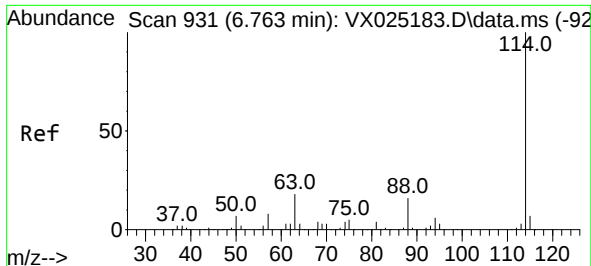
Tgt Ion: 56 Resp: 1940
Ion Ratio Lower Upper
56 100
69 161.2 24.2 36.2#
84 123.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 54.192 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 65 Resp: 57751
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.0

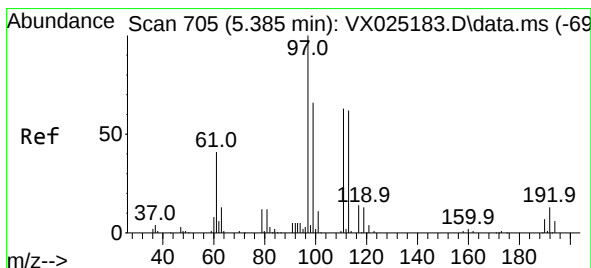
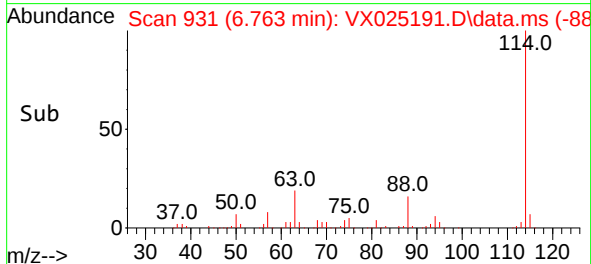
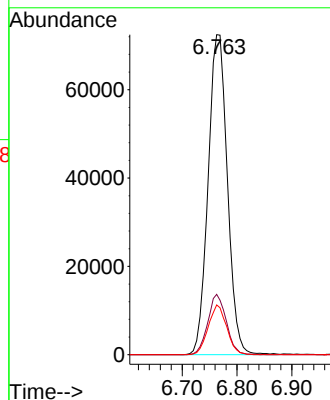
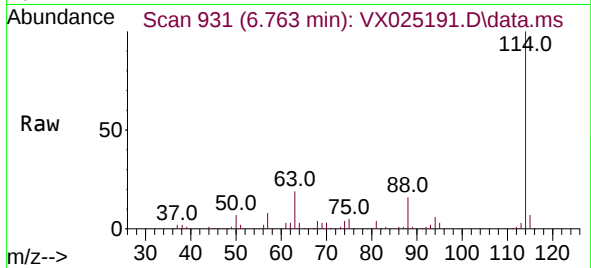




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

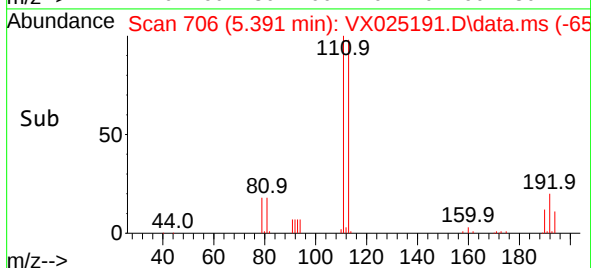
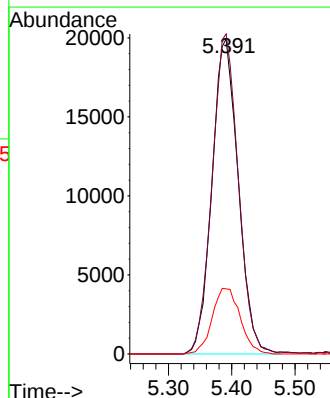
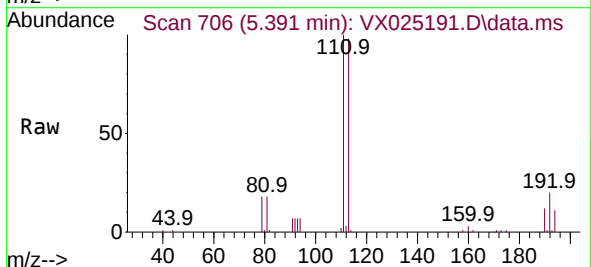
Instrument :
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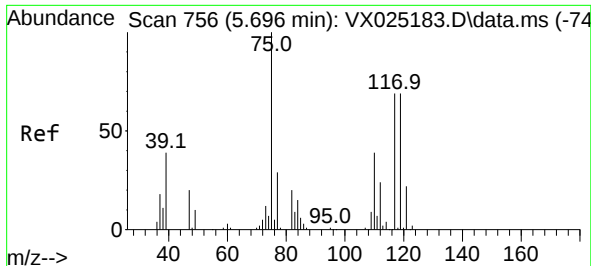
Tgt Ion:114 Resp: 176946
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.794 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion:113 Resp: 57317
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 22.2 15.6 23.4

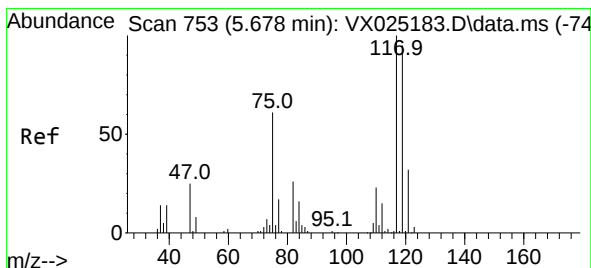
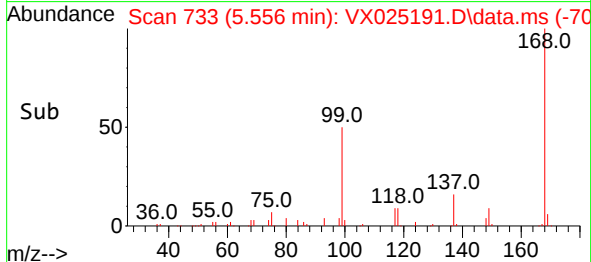
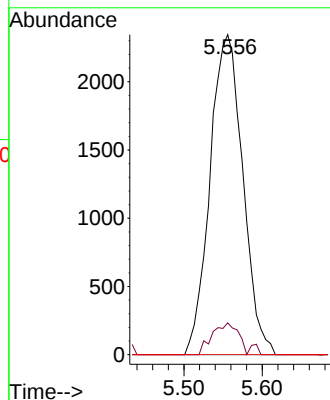
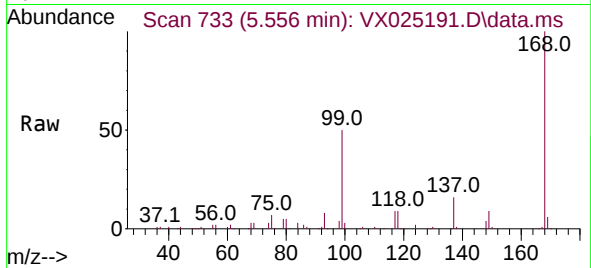




#36
1,1-Dichloropropene
Concen: 4.422 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

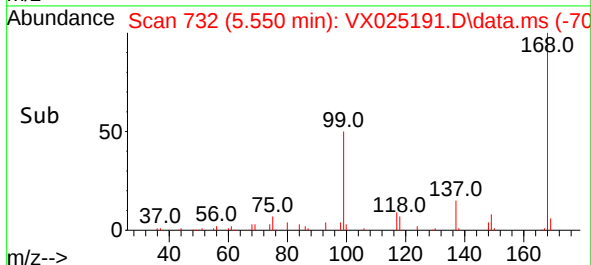
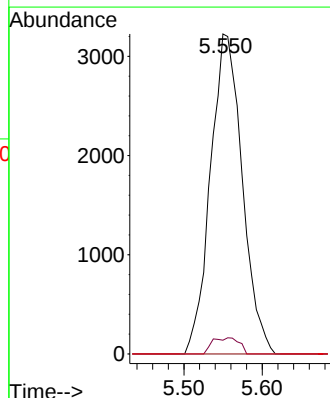
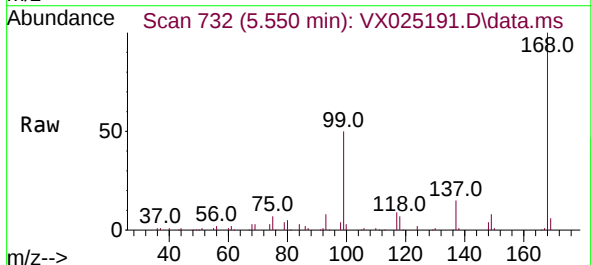
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

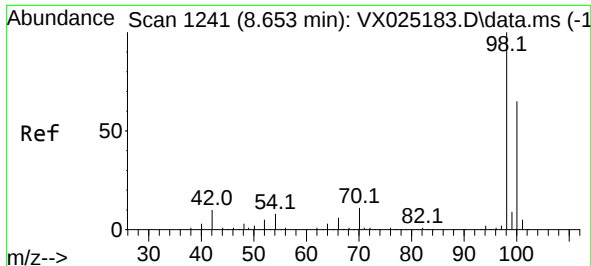
Tgt Ion: 75 Resp: 6827
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 117 Resp: 9095
Ion Ratio Lower Upper
117 100
119 4.3 75.6 113.4#
121 0.0 23.7 35.5#

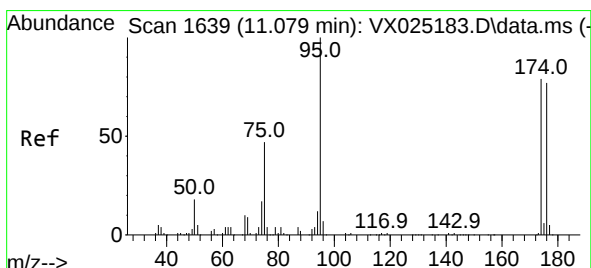
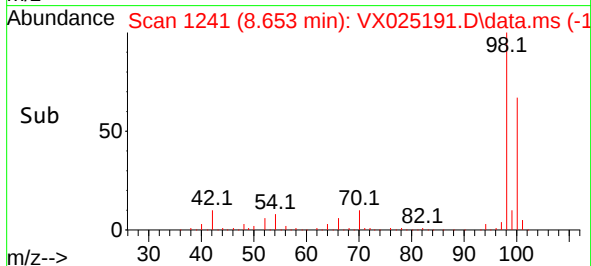
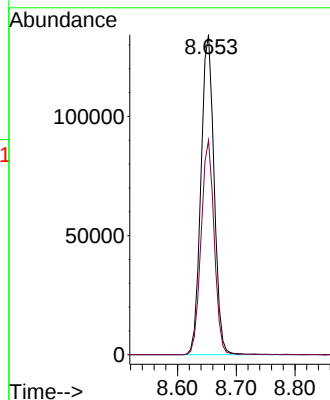
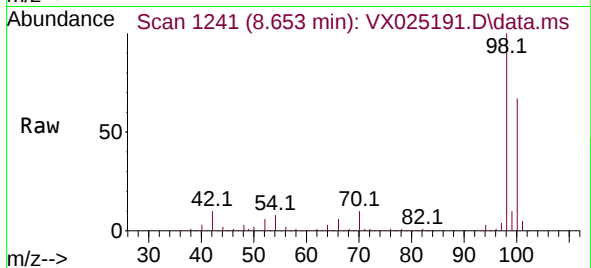




#50
Toluene-d8
Concen: 51.045 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

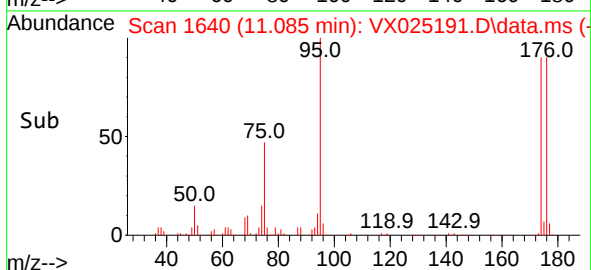
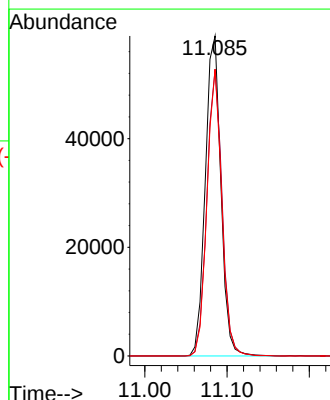
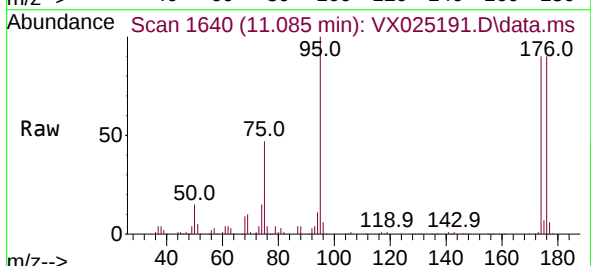
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

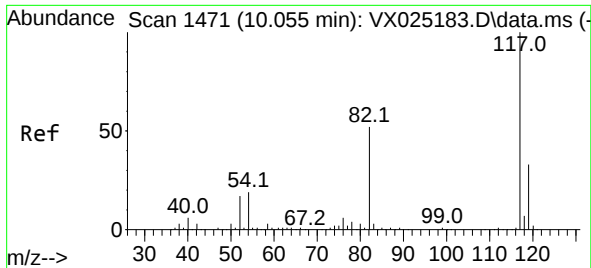
Tgt Ion: 98 Resp: 208367
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.097 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 95 Resp: 77364
Ion Ratio Lower Upper
95 100
174 87.6 0.0 158.0
176 85.4 0.0 153.6

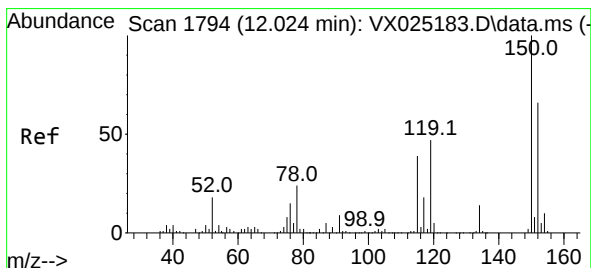
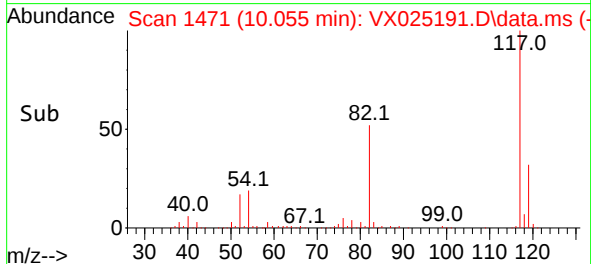
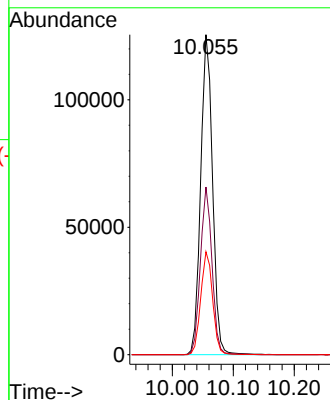
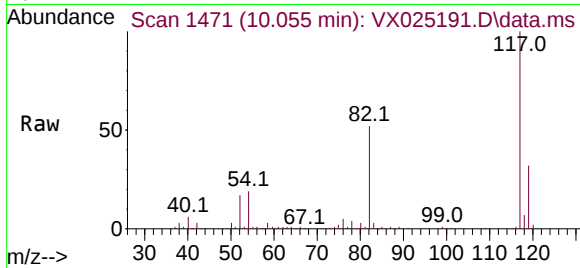




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

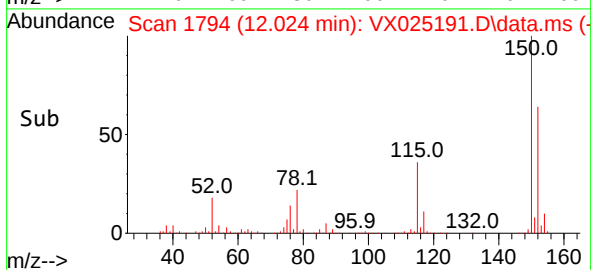
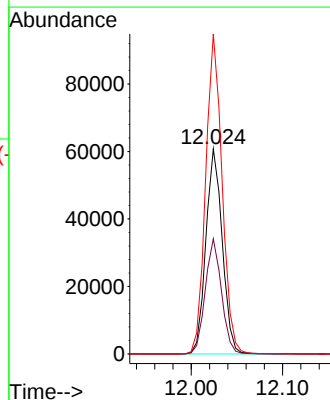
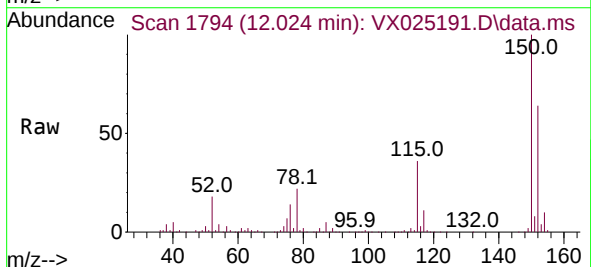
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

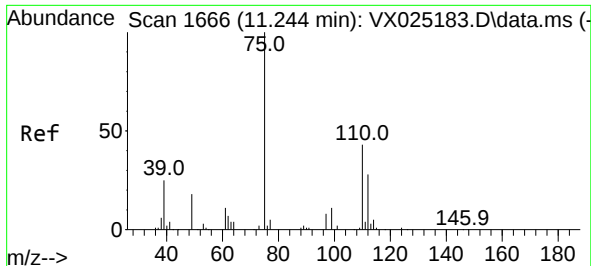
Tgt Ion:117 Resp: 169594
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion:152 Resp: 75499
Ion Ratio Lower Upper
152 100
115 55.5 43.3 129.8
150 156.1 0.0 351.2

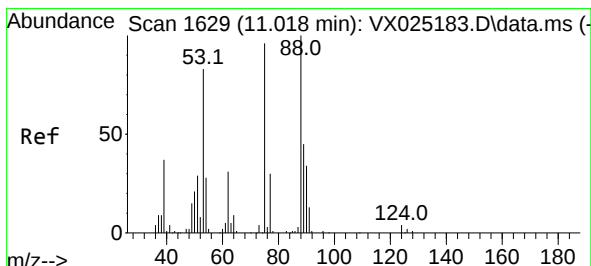
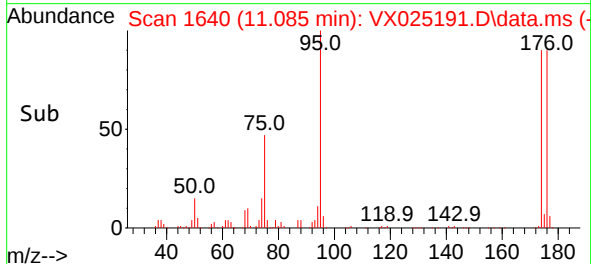
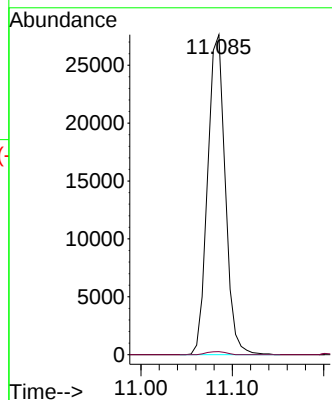
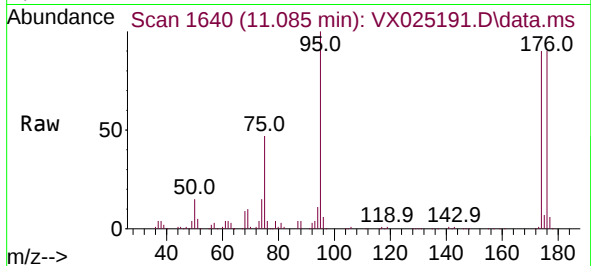




#76
1,2,3-Trichloropropane
Concen: 23.868 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

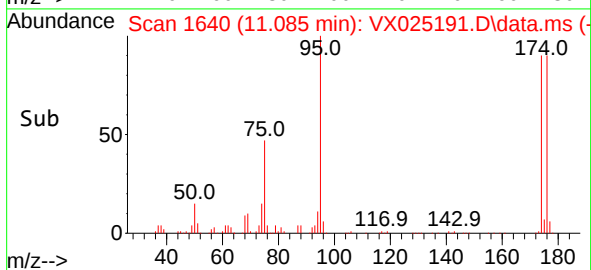
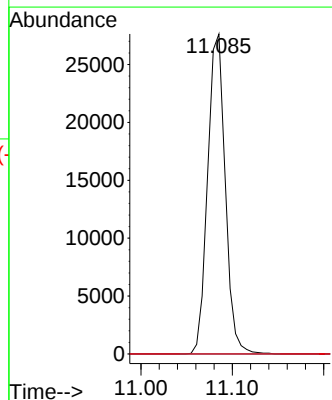
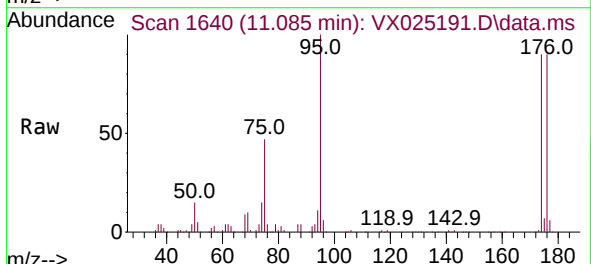
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

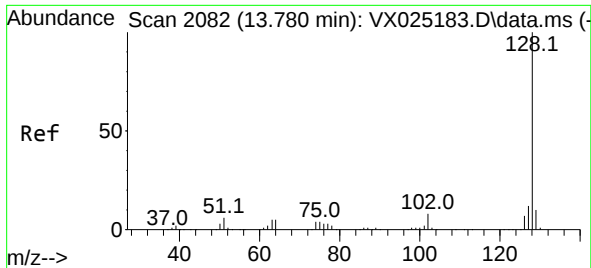
Tgt Ion: 75 Resp: 36901
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.127 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025191.D
Acq: 17 Nov 2021 16:47

Tgt Ion: 75 Resp: 36901
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95

Naphthalene

Concen: Below Cal

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025191.D

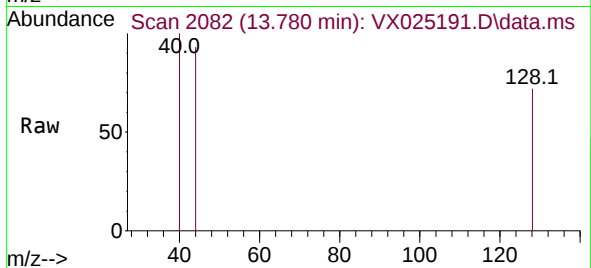
Acq: 17 Nov 2021 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBL01



Tgt Ion:128 Resp: 266

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

