

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025373.D
 Acq On : 29 Nov 2021 16:34
 Operator : JC/MD
 Sample : M4816-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-112221RE

Quant Time: Nov 30 04:02:31 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)

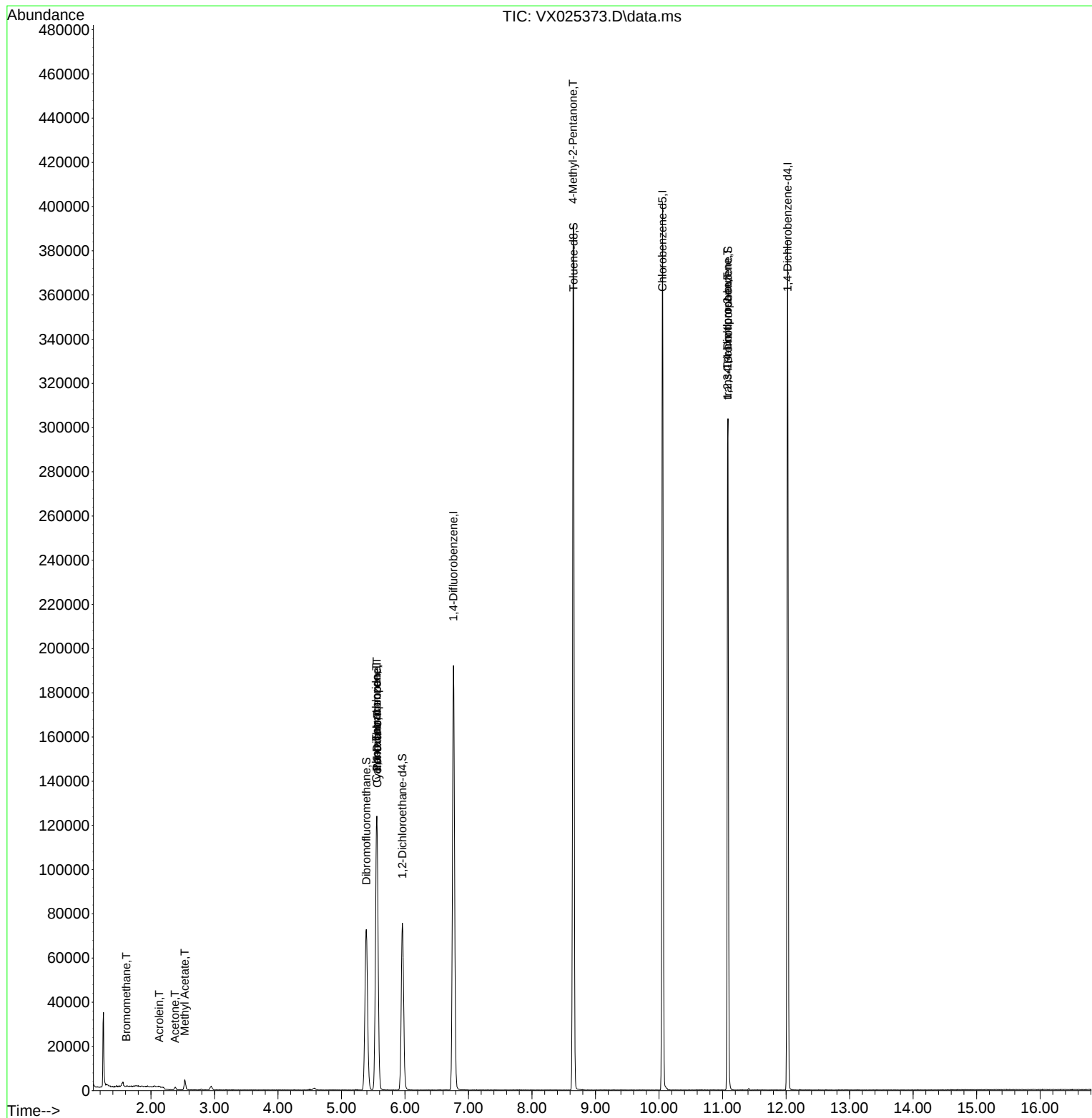
Internal Standards						
1) Pentafluorobenzene	5.556	168	127270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70063	52.227	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.460%			
35) Dibromofluoromethane	5.391	113	63200	49.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.653	98	239781	50.310	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.085	95	82942	46.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.000%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	211	0.327	ug/l #	74
11) Tert butyl alcohol	2.947	59	1067	Below Cal	#	72
13) Acrolein	2.130	56	46	0.748	ug/l #	1
16) Acetone	2.380	43	1342	1.800	ug/l	97
18) Methyl Acetate	2.532	43	1296	0.544	ug/l #	52
31) Cyclohexane	5.562	56	2280	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8704	4.829	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12123	6.106	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1052	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40669	23.765	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40669	59.869	ug/l #	9

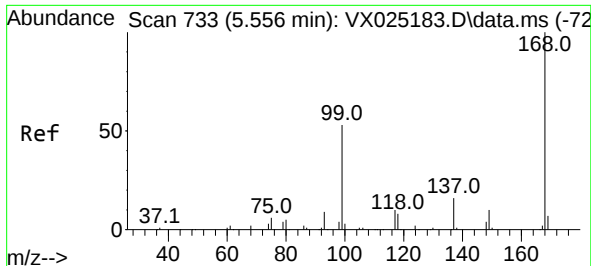
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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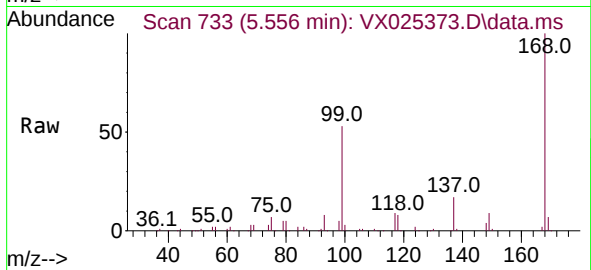
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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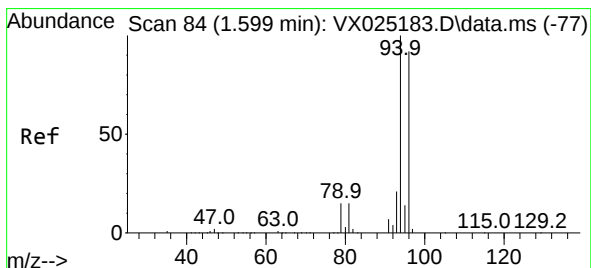
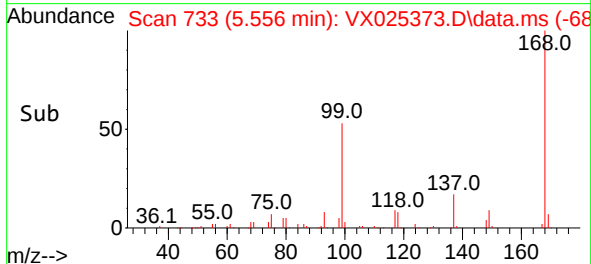
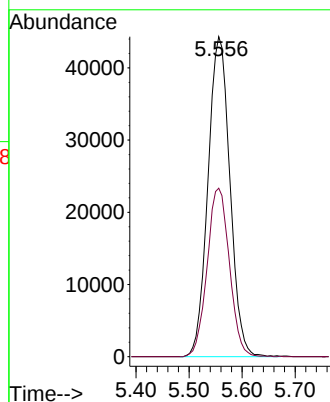


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Instrument :
MSVOA_X
ClientSampleId :
TB-01-112221RE

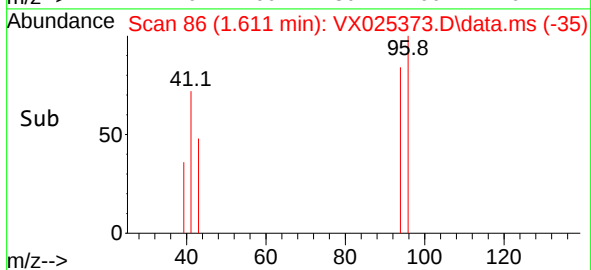
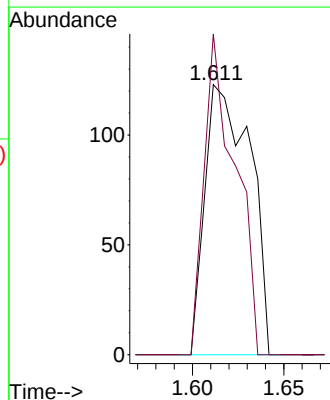
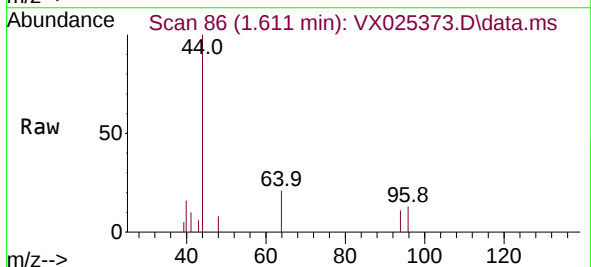


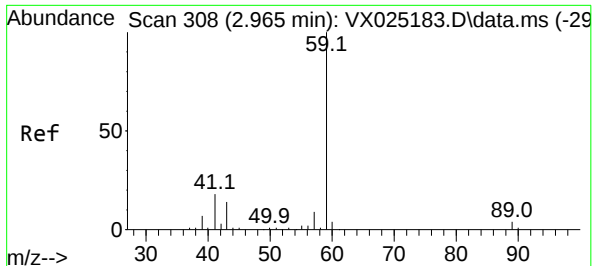
Tgt Ion:168 Resp: 127270
Ion Ratio Lower Upper
168 100
99 52.6 46.4 69.6



#5
Bromomethane
Concen: 0.327 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 118.7 74.8 112.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX025373.D

Acq: 29 Nov 2021 16:34

Instrument :

MSVOA_X

ClientSampleId :

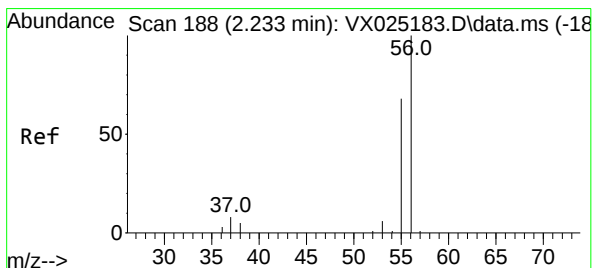
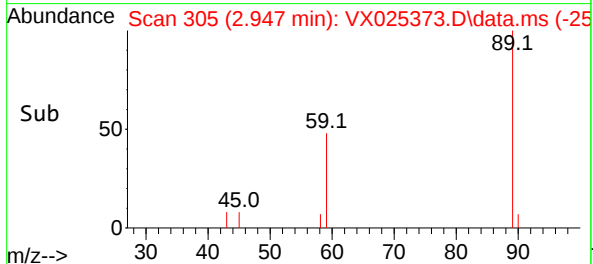
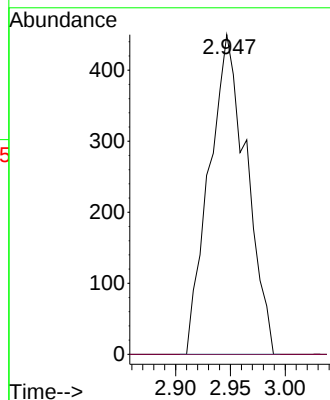
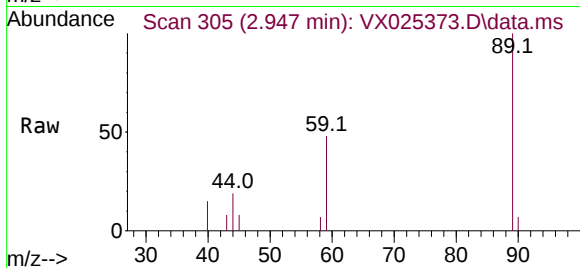
TB-01-112221RE

Tgt Ion: 59 Resp: 1067

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.748 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.103 min

Lab File: VX025373.D

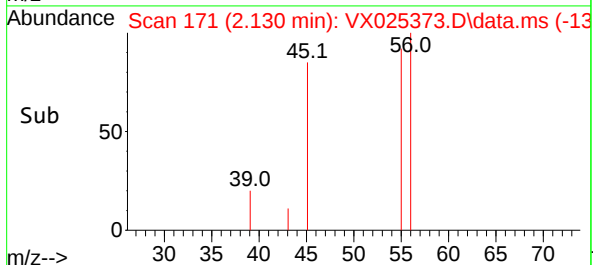
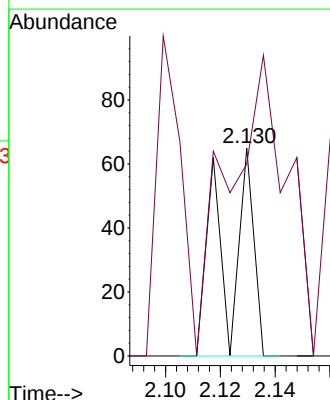
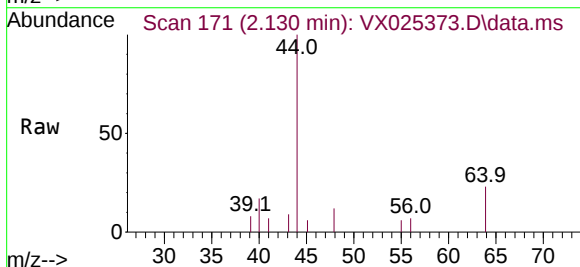
Acq: 29 Nov 2021 16:34

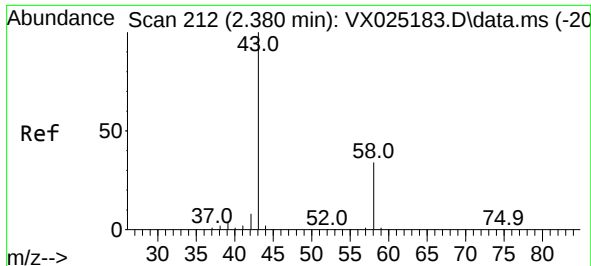
Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 358.7 58.6 87.8#

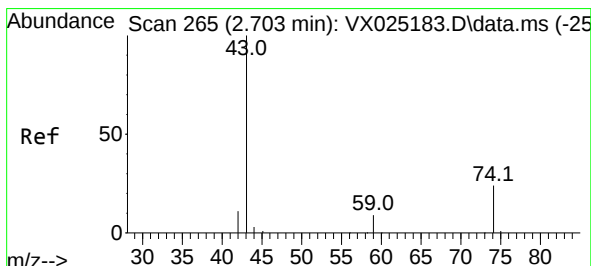
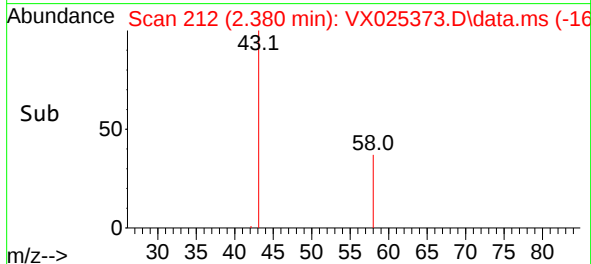
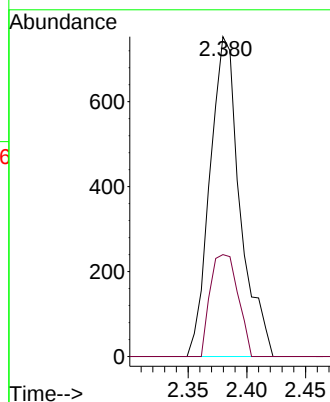
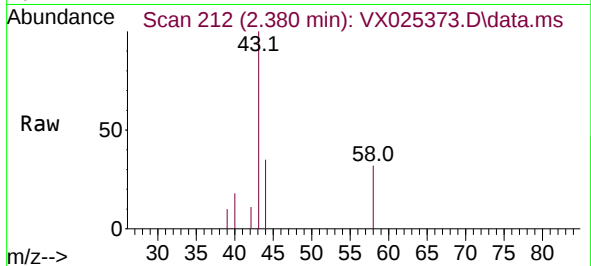




#16
Acetone
Concen: 1.800 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

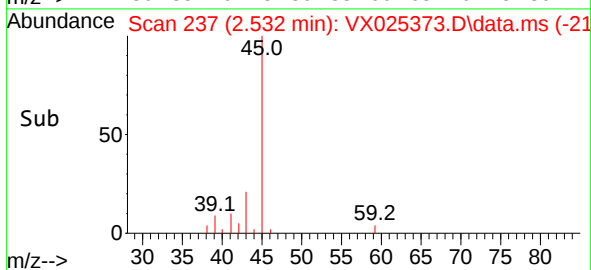
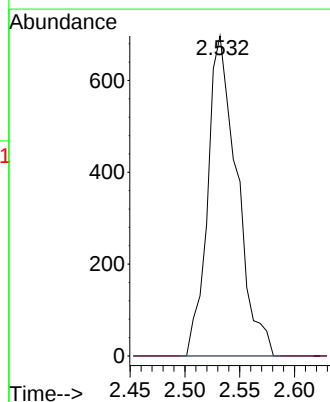
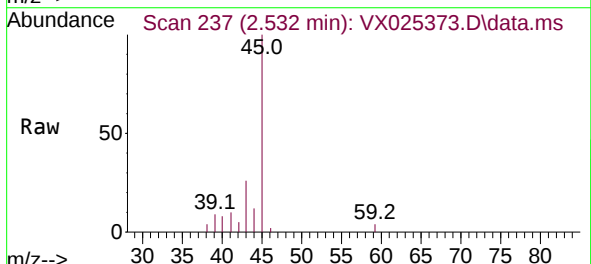
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112221RE

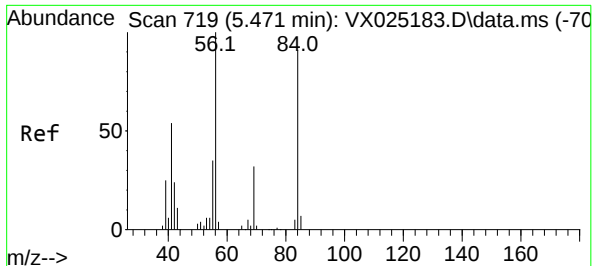
Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0



#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

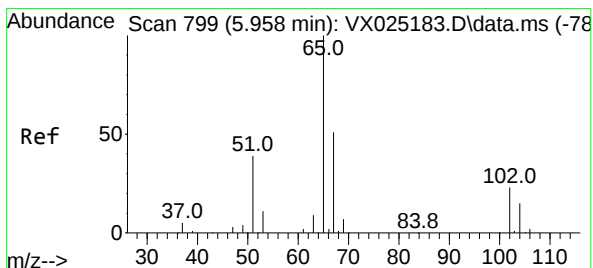
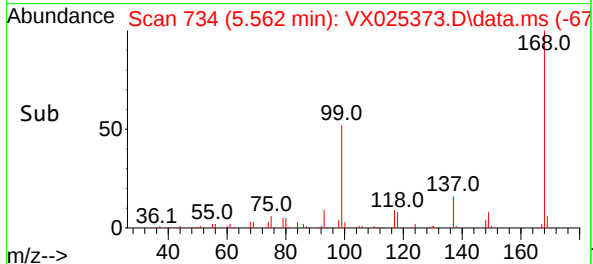
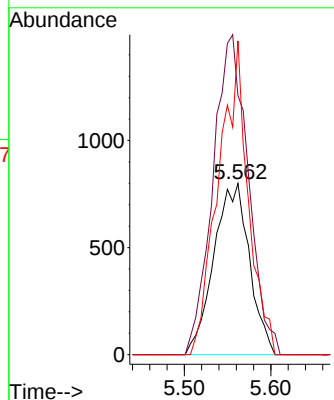
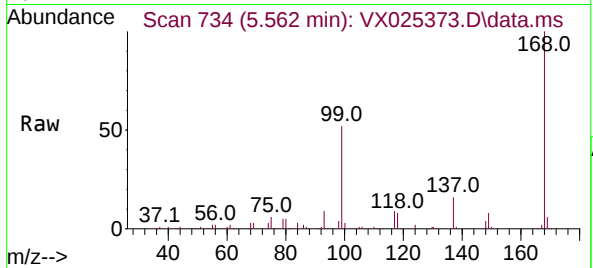




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

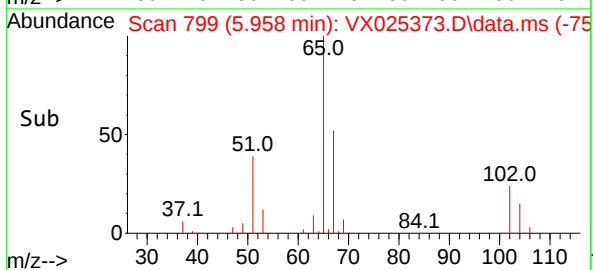
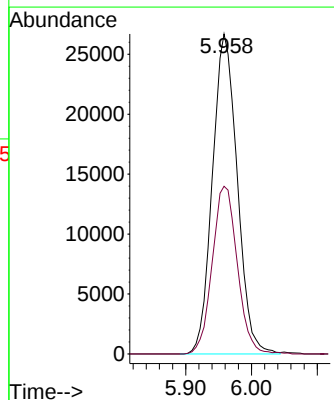
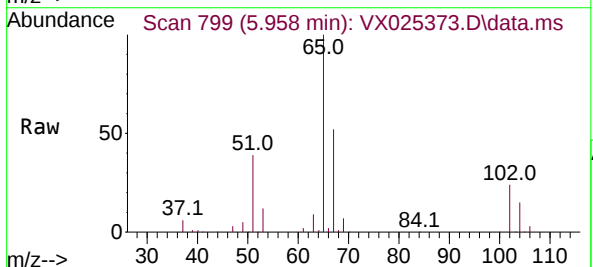
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112221RE

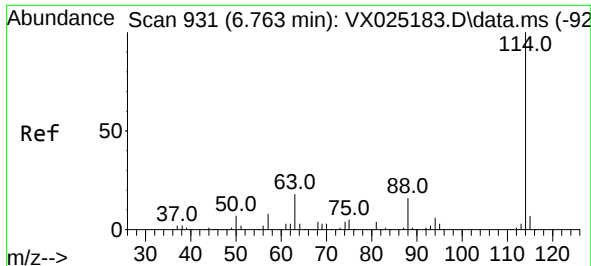
Tgt Ion: 56 Resp: 2280
Ion Ratio Lower Upper
56 100
69 151.4 24.2 36.2#
84 183.4 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 52.227 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Tgt Ion: 65 Resp: 70063
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.0

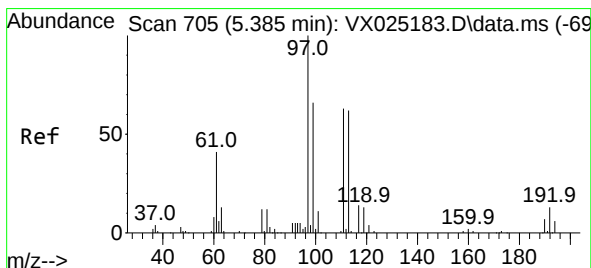
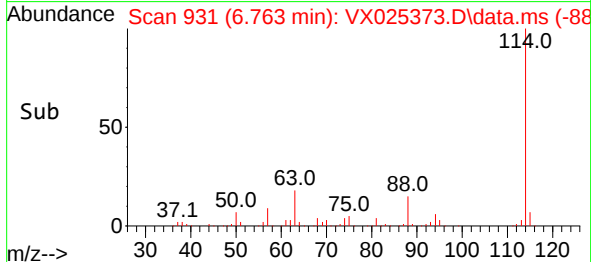
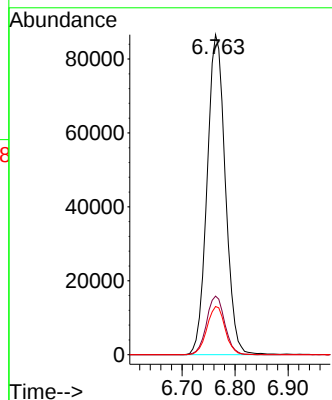
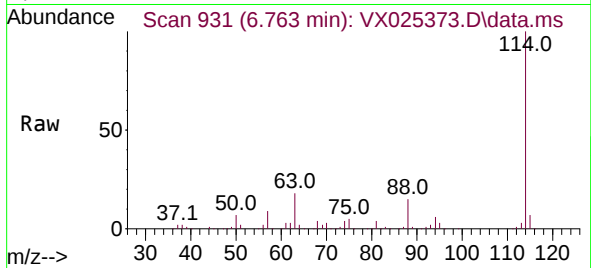




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

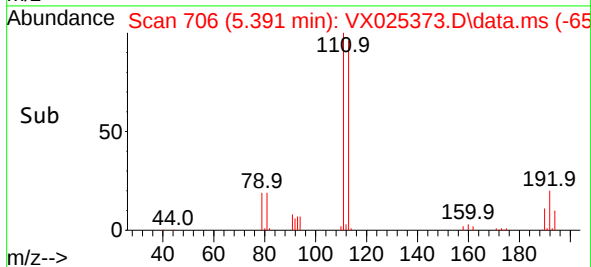
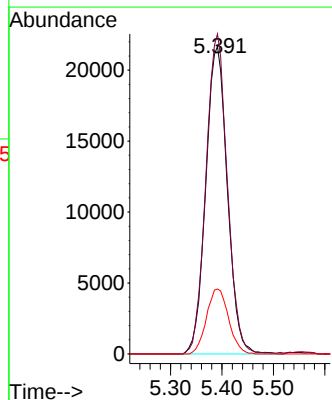
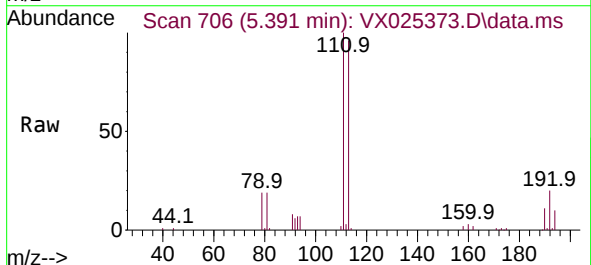
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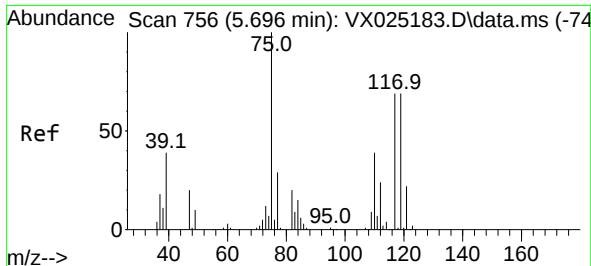
Tgt Ion:114 Resp: 206599
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.857 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Tgt Ion:113 Resp: 63200
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 21.5 15.6 23.4

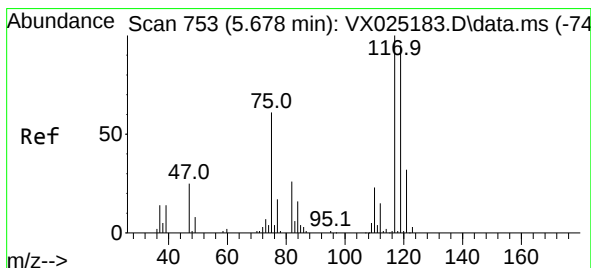
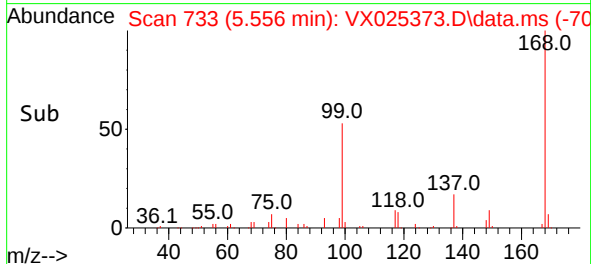
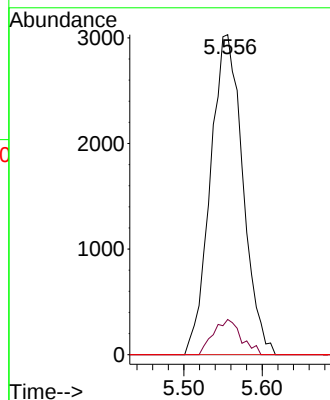
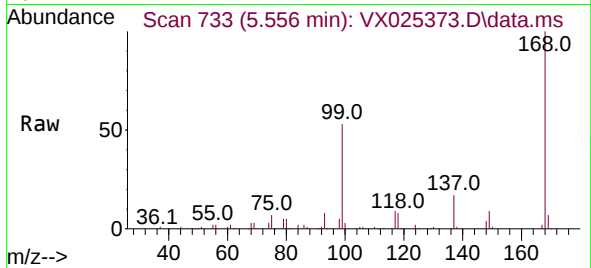




#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

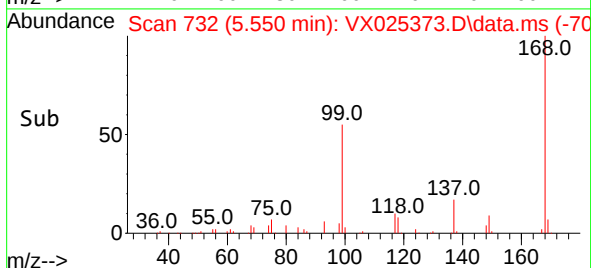
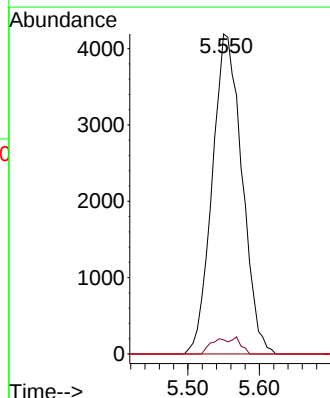
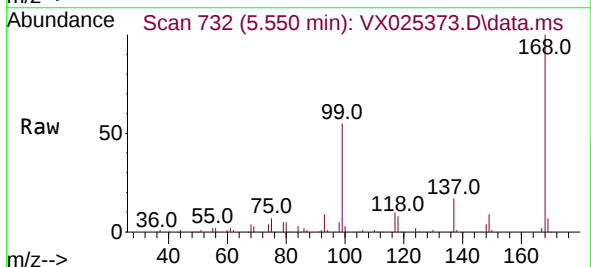
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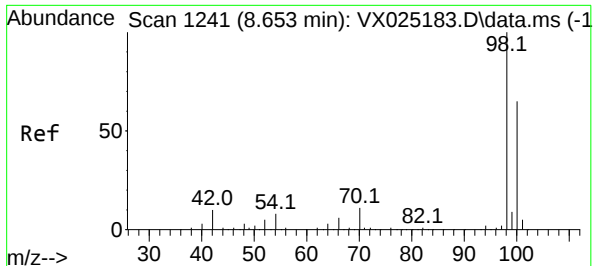
Tgt Ion: 75 Resp: 8704
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Tgt Ion: 117 Resp: 12123
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 50.310 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025373.D

Acq: 29 Nov 2021 16:34

Instrument :

MSVOA_X

ClientSampleId :

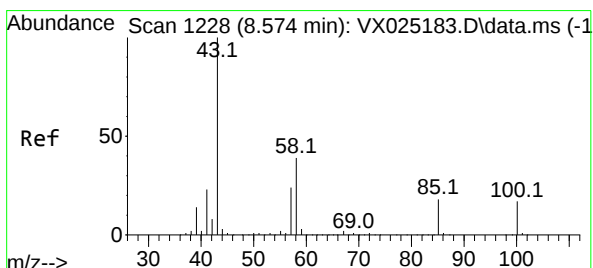
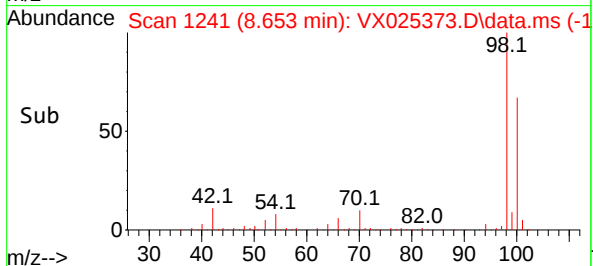
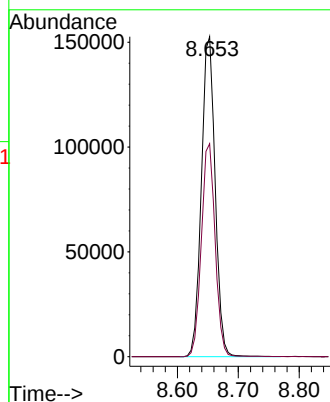
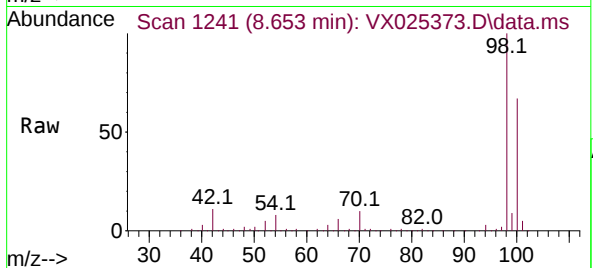
TB-01-112221RE

Tgt Ion: 98 Resp: 239781

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.492 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025373.D

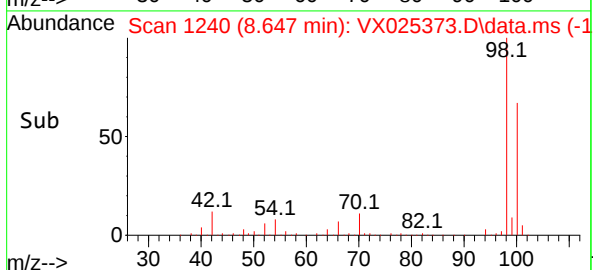
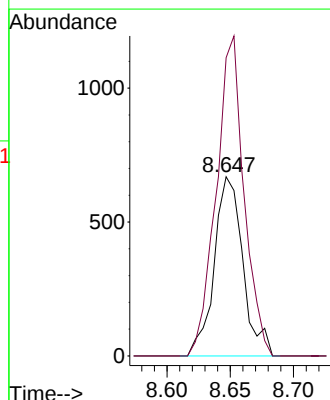
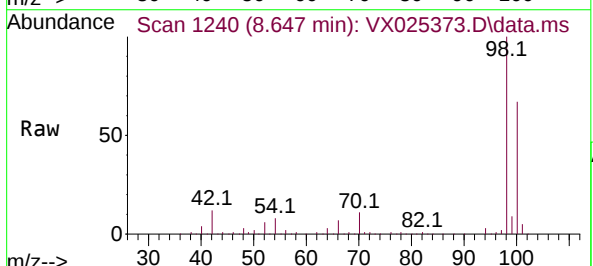
Acq: 29 Nov 2021 16:34

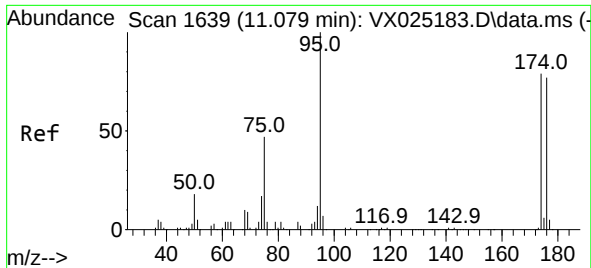
Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 173.7 30.9 46.3#

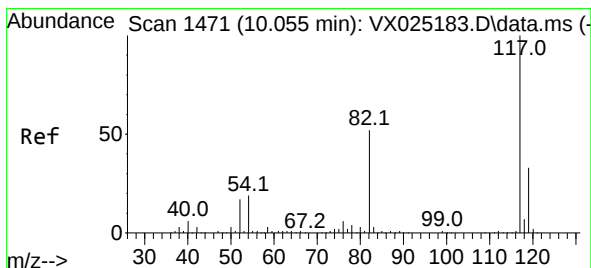
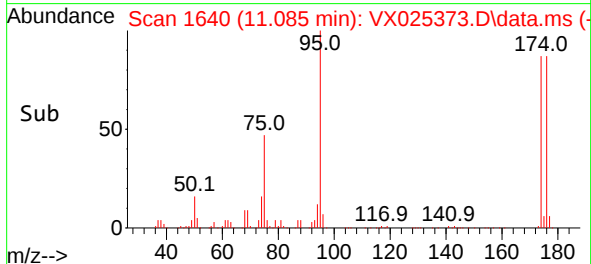
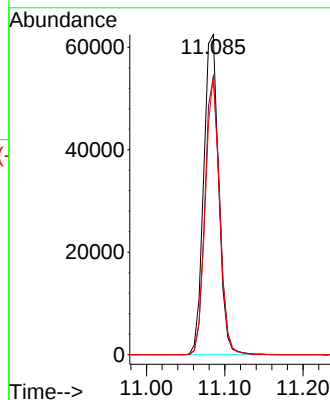
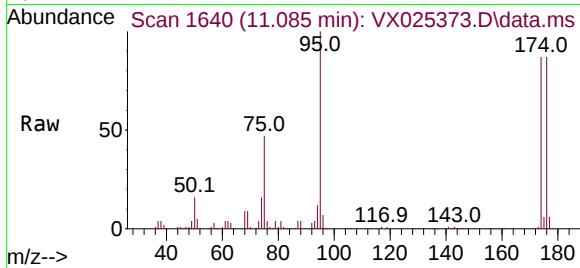




#62
4-Bromofluorobenzene
Concen: 46.001 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

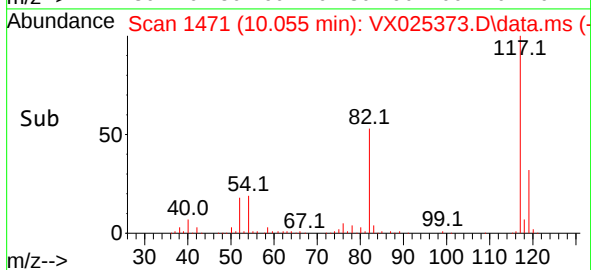
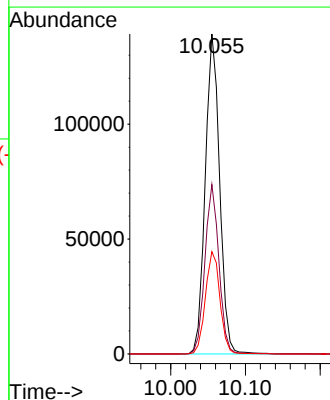
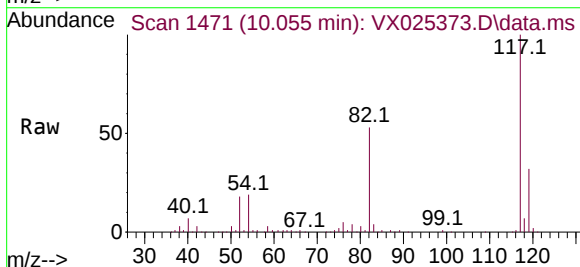
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112221RE

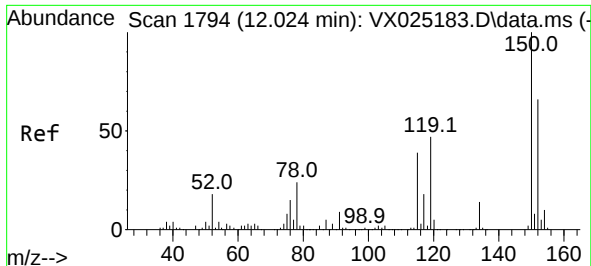
Tgt Ion: 95 Resp: 82942
Ion Ratio Lower Upper
95 100
174 85.6 0.0 158.0
176 83.0 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025373.D
Acq: 29 Nov 2021 16:34

Tgt Ion: 117 Resp: 185873
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 31.9 24.8 37.2

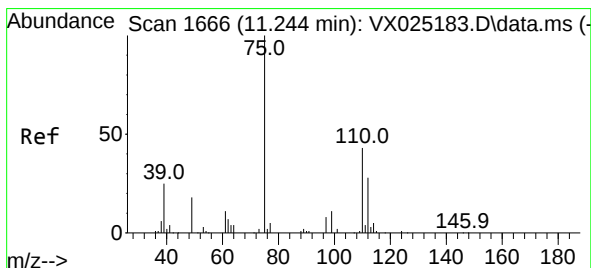
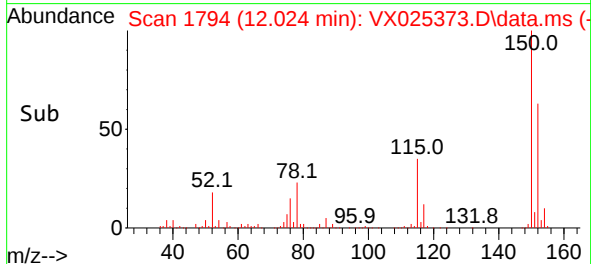
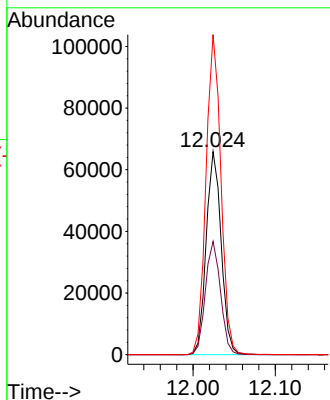
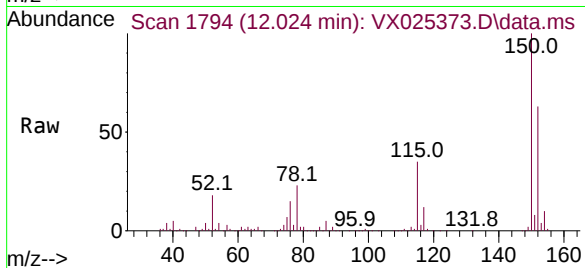




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025373.D
 Acq: 29 Nov 2021 16:34

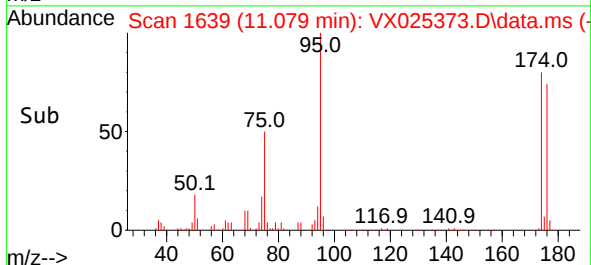
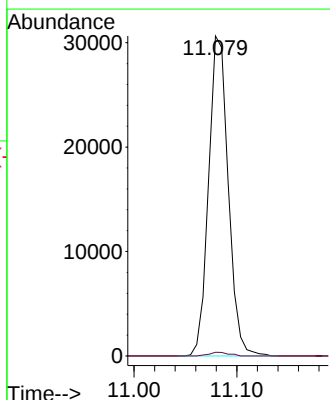
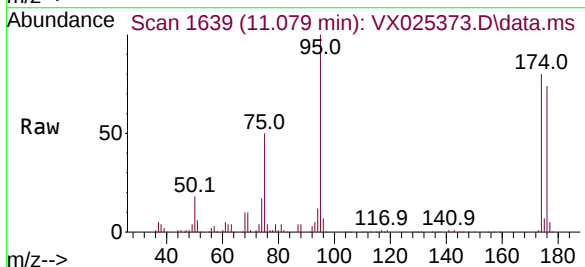
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-112221RE

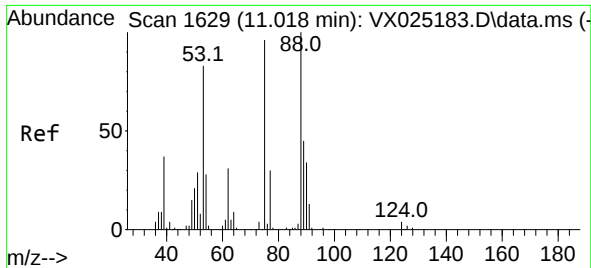
Tgt Ion:152 Resp: 83567
 Ion Ratio Lower Upper
 152 100
 115 56.3 43.3 129.8
 150 157.0 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 23.765 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025373.D
 Acq: 29 Nov 2021 16:34

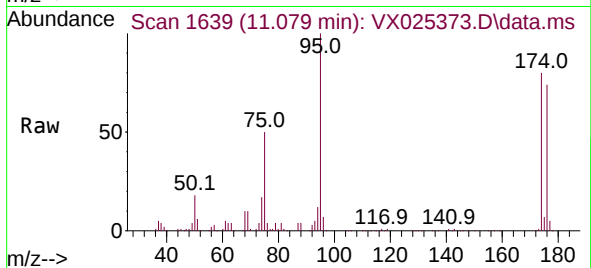
Tgt Ion: 75 Resp: 40669
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.869 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX025373.D
 Acq: 29 Nov 2021 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-112221RE



Tgt Ion: 75 Resp: 40669
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

