

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022373.D
 Acq On : 03 Jun 2021 17:58
 Operator : JC/MD
 Sample : M2583-19 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:53:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

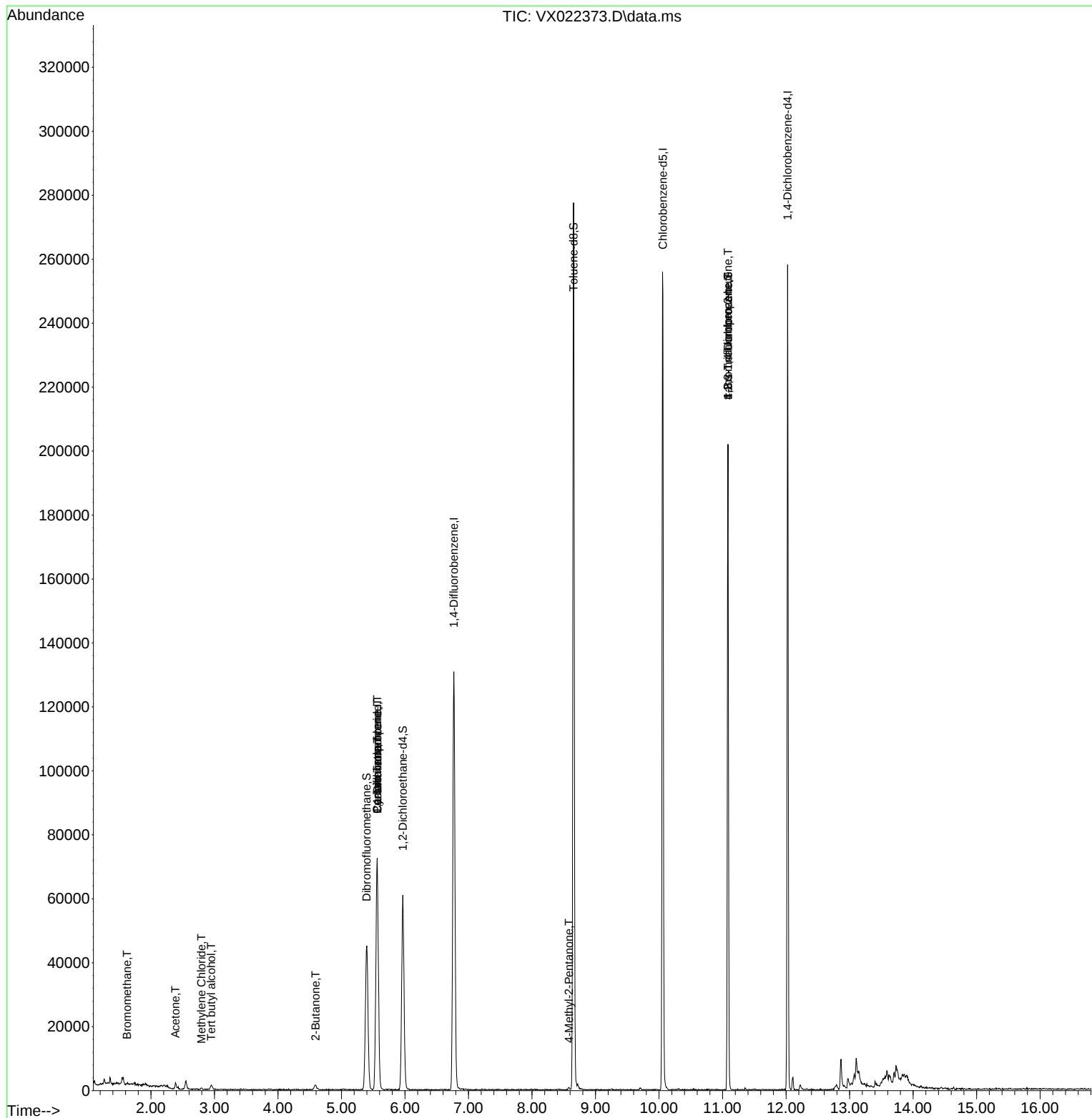
Internal Standards						
1) Pentafluorobenzene	5.562	168	60889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	130798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53649	57.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.24%			
35) Dibromofluoromethane	5.397	113	38733	46.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.40%			
50) Toluene-d8	8.653	98	158984	49.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.52%			
62) 4-Bromofluorobenzene	11.085	95	54305	45.98	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.96%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	213	0.43	ug/l #	2
11) Tert butyl alcohol	2.947	59	962	4.48	ug/l #	73
16) Acetone	2.386	43	1908	4.67	ug/l #	69
20) Methylene Chloride	2.794	84	186	0.20	ug/l #	50
25) 2-Butanone	4.593	43	246	0.37	ug/l #	45
31) Cyclohexane	5.562	56	1821	1.54	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	5934	4.91	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6919	5.85	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	491	0.34	ug/l #	80
76) 1,2,3-Trichloropropane	11.085	75	28249	25.88	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28249	61.33	ug/l #	12

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

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ClientSampleId :

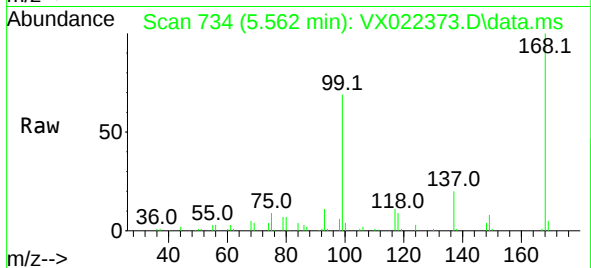
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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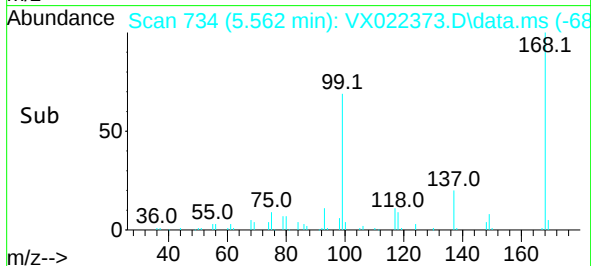
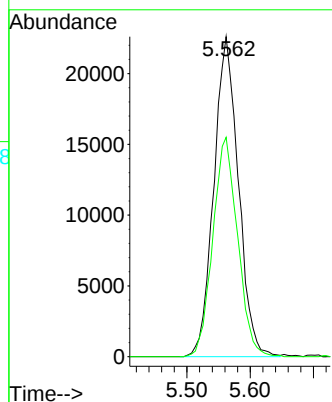


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Instrument :
MSVOA_X
ClientSampled :

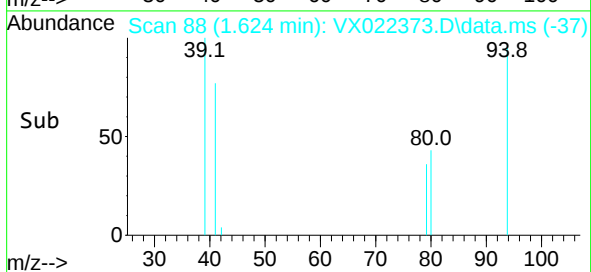
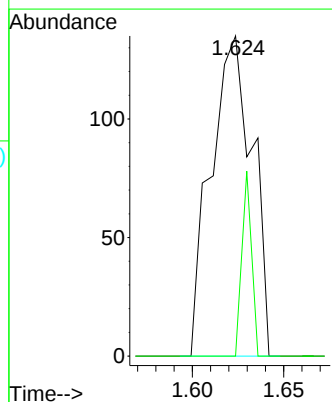
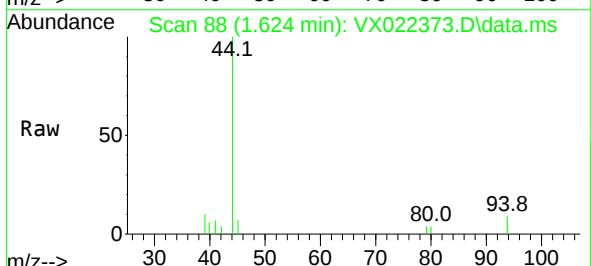


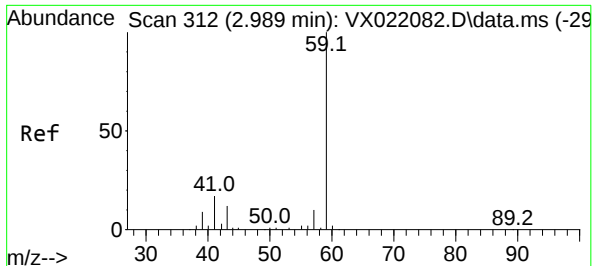
Tgt Ion:168 Resp: 60889
Ion Ratio Lower Upper
168 100
99 68.5 45.8 68.6



#5
Bromomethane
Concen: 0.43 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



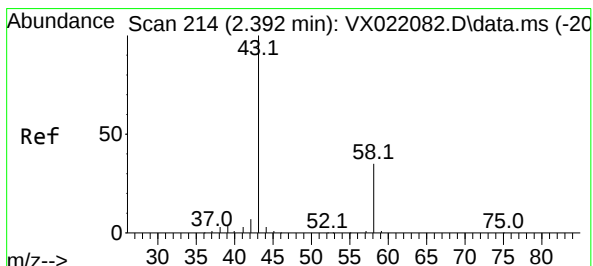
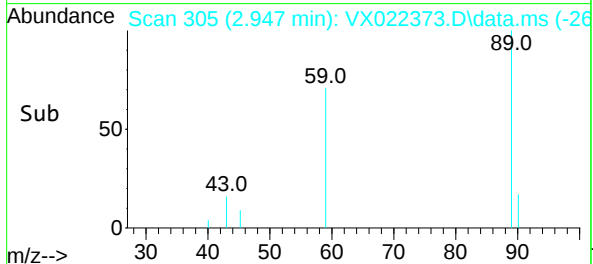
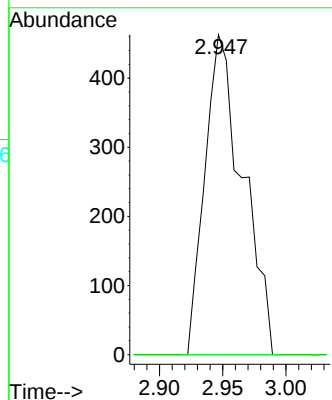
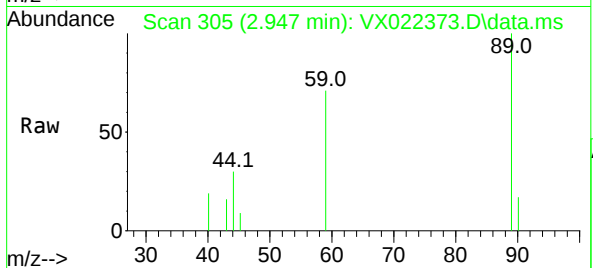


#11

Tert butyl alcohol
Concen: 4.48 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Instrument :
MSVOA_X
ClientSampled :

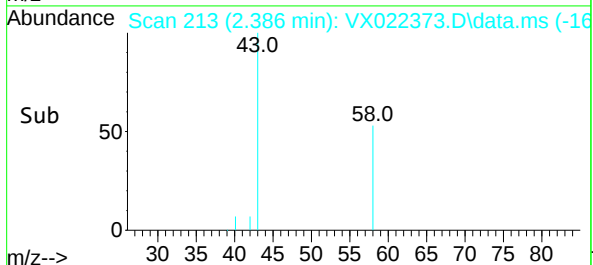
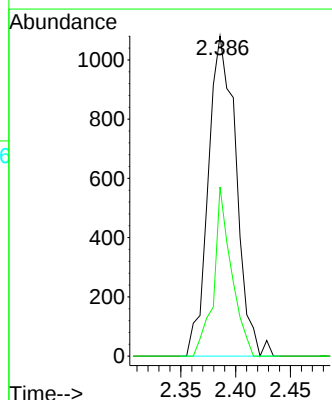
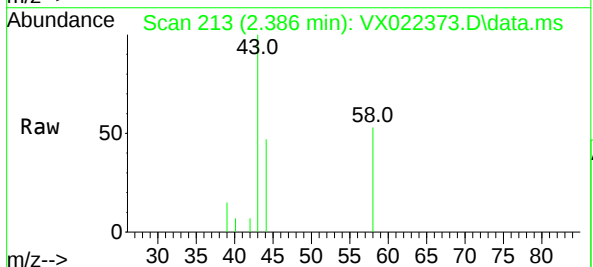
Tgt Ion: 59 Resp: 962
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

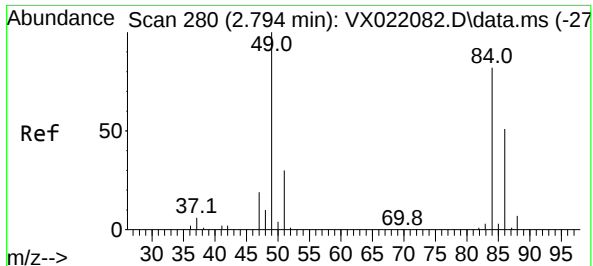


#16

Acetone
Concen: 4.67 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 52.8 27.8 41.8#





#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022373.D

Acq: 03 Jun 2021 17:58

Tgt Ion: 84 Resp: 186

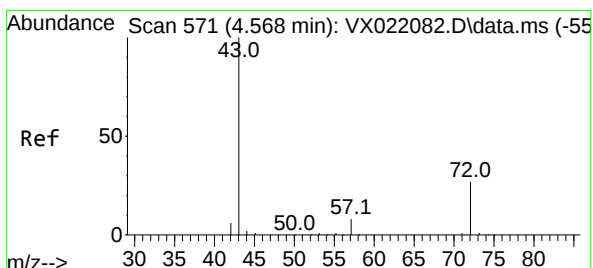
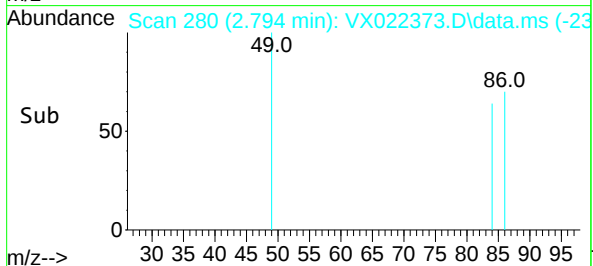
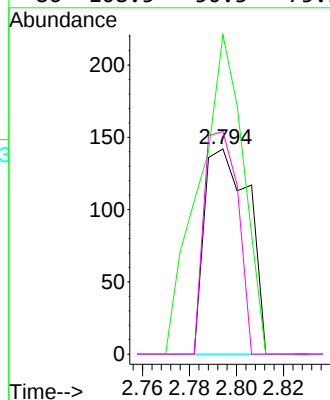
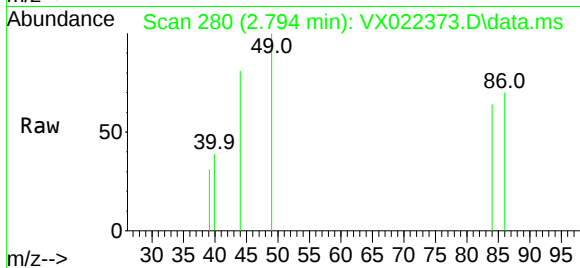
Ion Ratio Lower Upper

84 100

49 155.6 88.6 132.8#

51 0.0 27.0 40.6#

86 108.5 50.3 75.5#



#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX022373.D

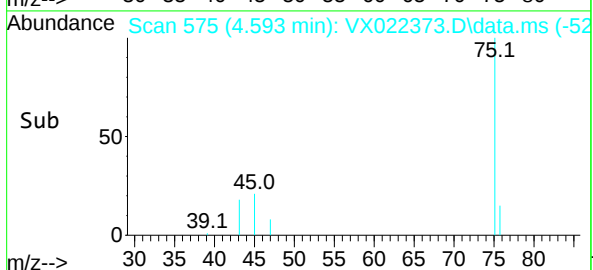
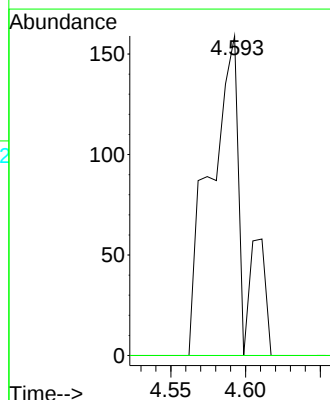
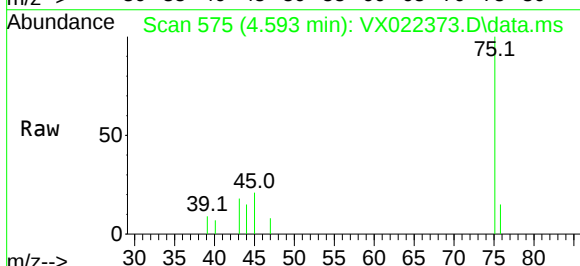
Acq: 03 Jun 2021 17:58

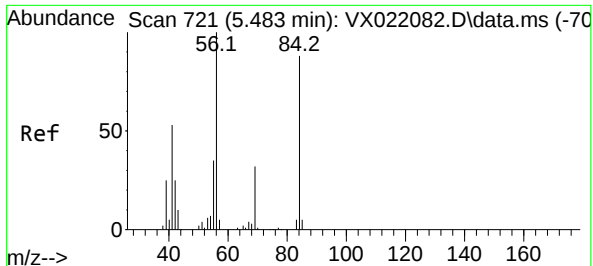
Tgt Ion: 43 Resp: 246

Ion Ratio Lower Upper

43 100

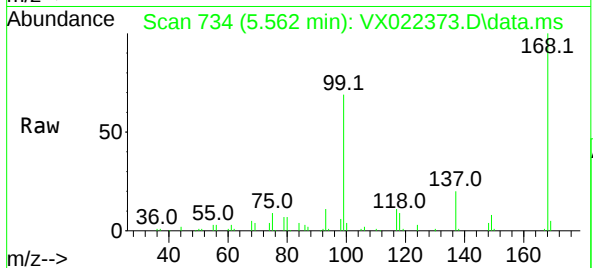
72 0.0 23.7 35.5#



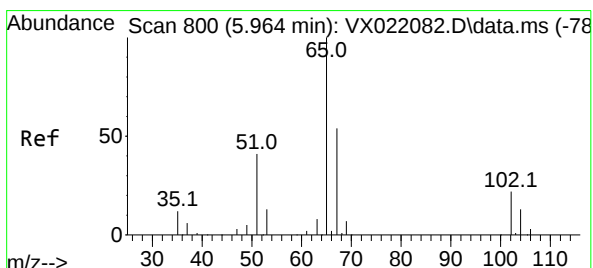
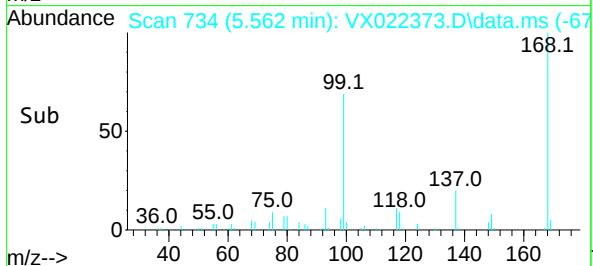
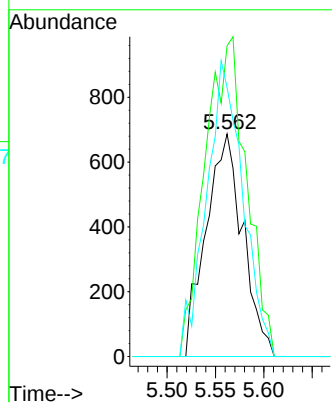


#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Instrument :
MSVOA_X
ClientSampleId :

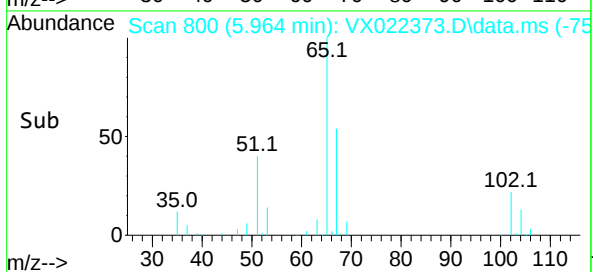
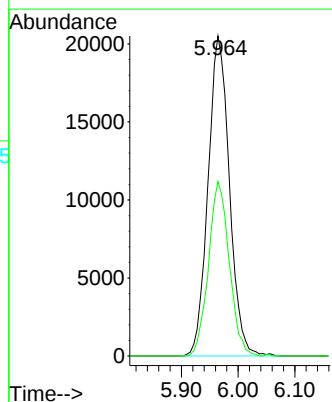
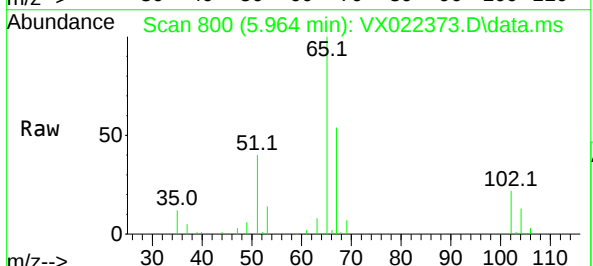


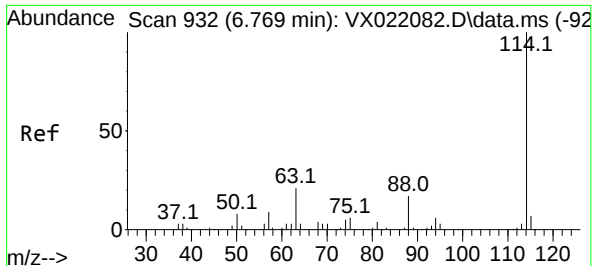
Tgt Ion: 56 Resp: 1821
Ion Ratio Lower Upper
56 100
69 139.6 25.3 37.9#
84 120.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 57.12 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Tgt Ion: 65 Resp: 53649
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

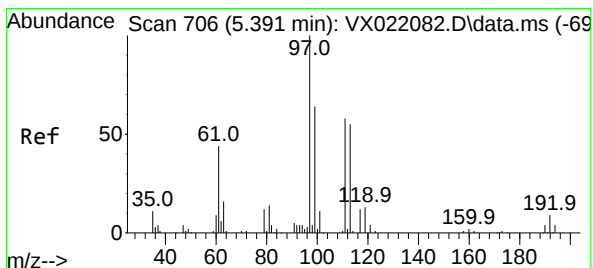
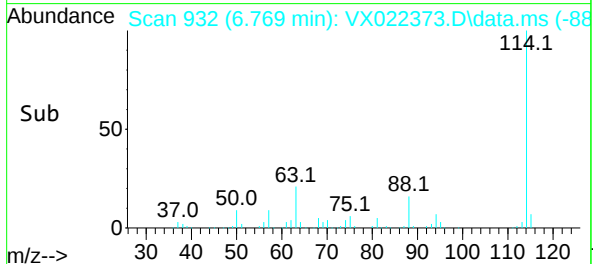
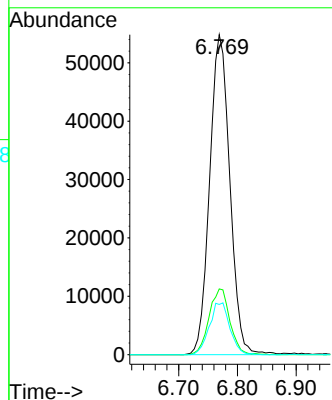
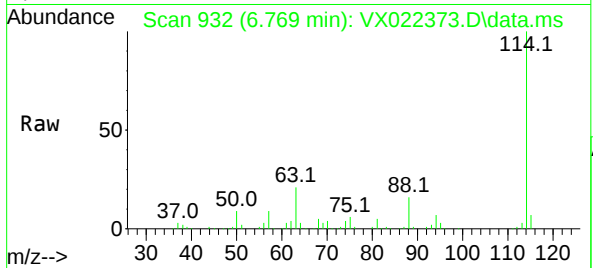




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

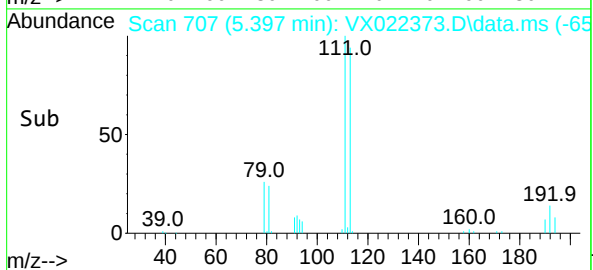
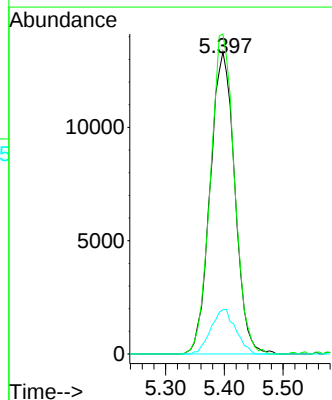
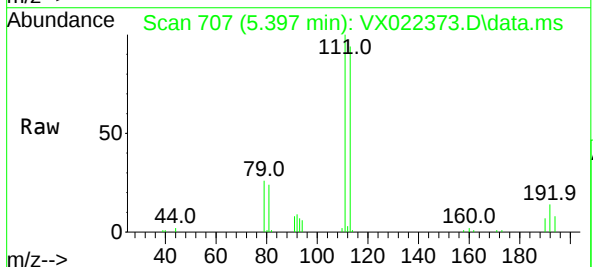
Instrument :
MSVOA_X
ClientSampleId :

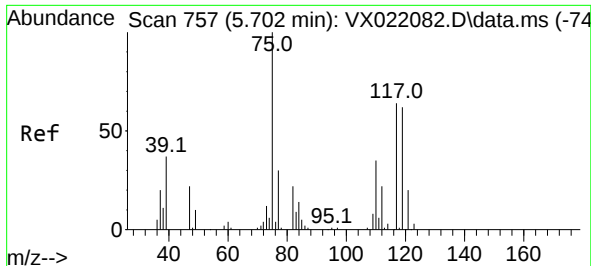
Tgt Ion:114 Resp: 130798
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.70 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Tgt Ion:113 Resp: 38733
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 14.9 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.91 ug/l

RT: 5.562 min Scan# 734

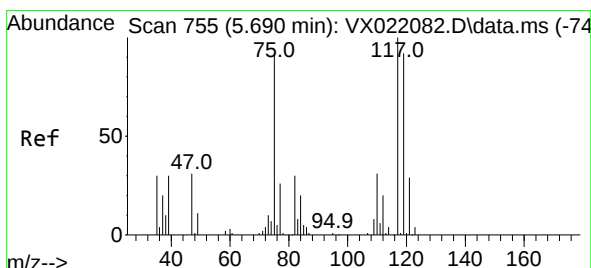
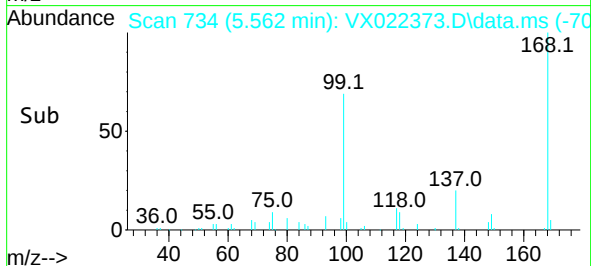
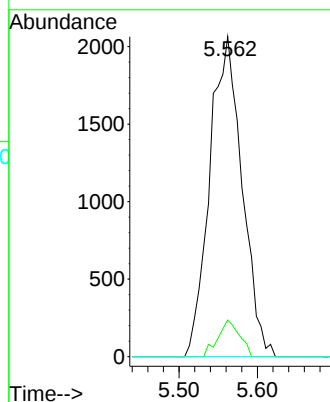
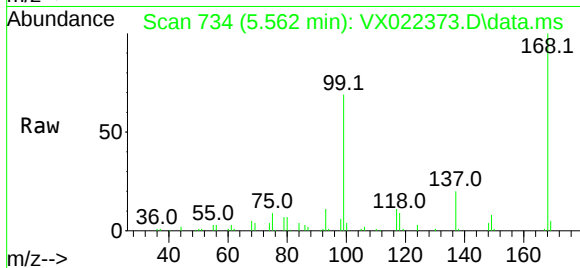
Delta R.T. -0.140 min

Lab File: VX022373.D

Acq: 03 Jun 2021 17:58

Tgt Ion: 75	Resp: 5934
Ion Ratio	Lower Upper
75 100	
110 7.6	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.85 ug/l

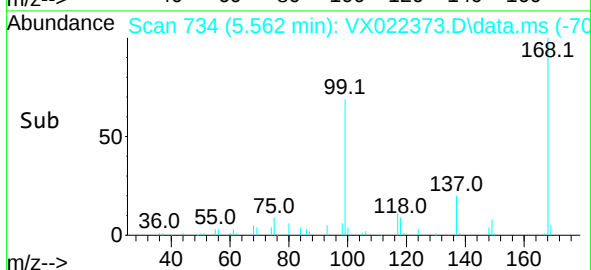
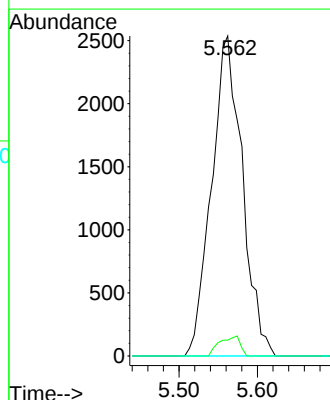
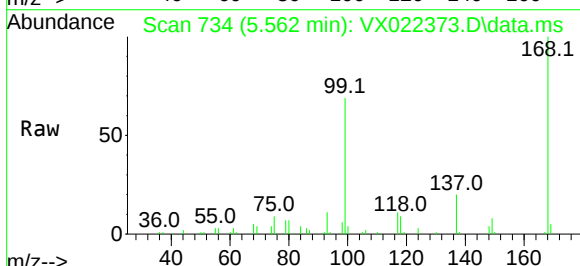
RT: 5.562 min Scan# 734

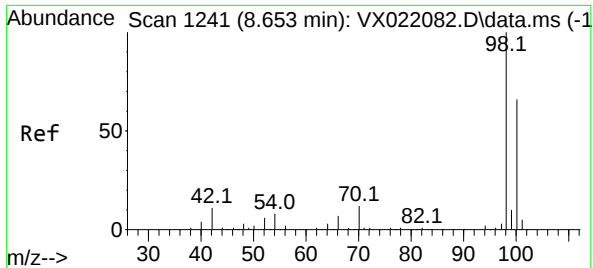
Delta R.T. -0.128 min

Lab File: VX022373.D

Acq: 03 Jun 2021 17:58

Tgt Ion: 117	Resp: 6919
Ion Ratio	Lower Upper
117 100	
119 5.0	76.2 114.2#
121 0.0	24.8 37.2#

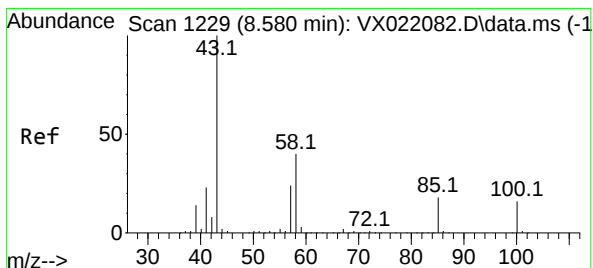
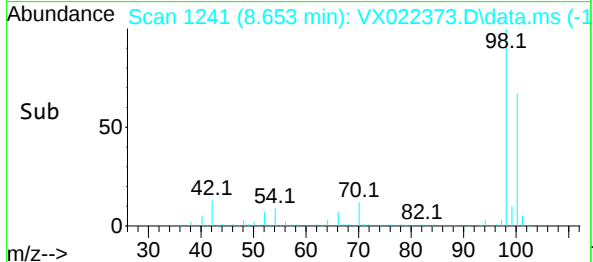
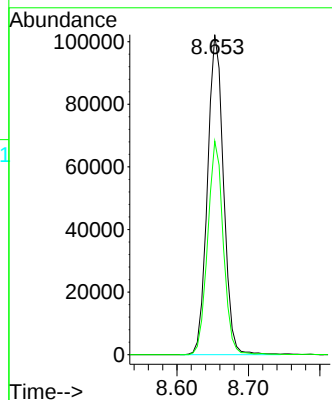
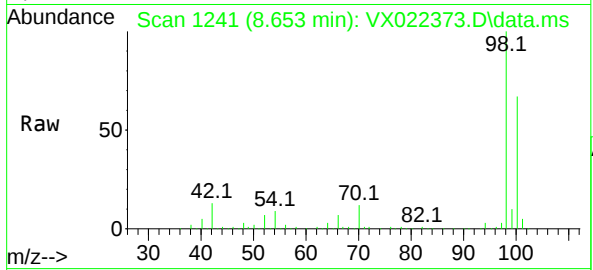




#50
Toluene-d8
Concen: 49.76 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

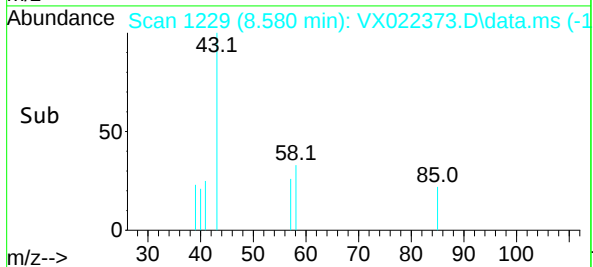
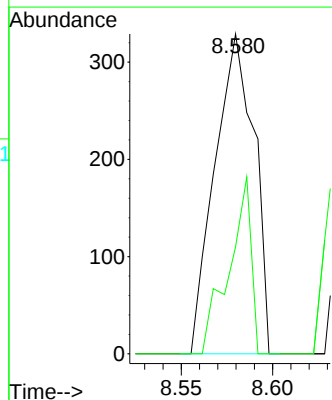
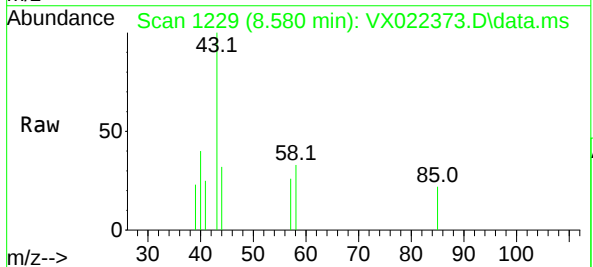
Instrument :
MSVOA_X
ClientSampled :

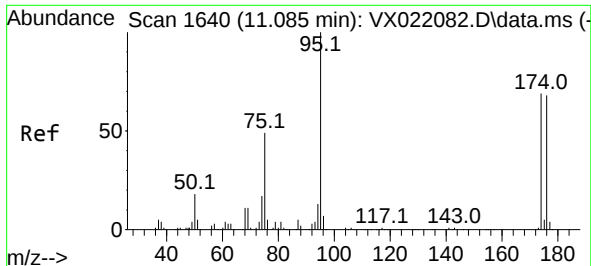
Tgt Ion: 98 Resp: 158984
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Tgt Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
58 31.4 35.4 53.0#

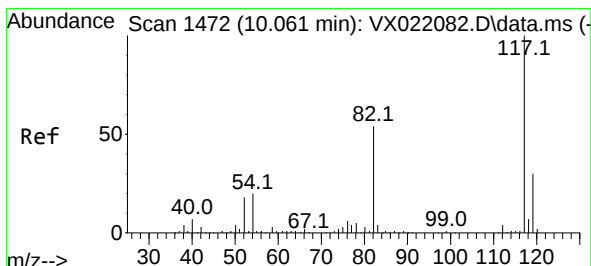
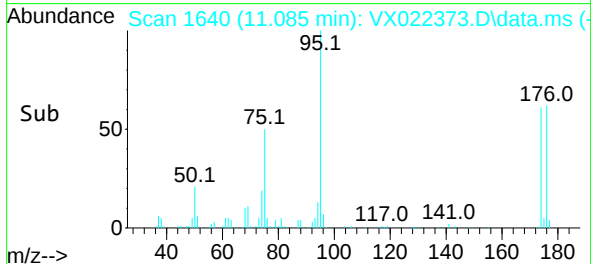
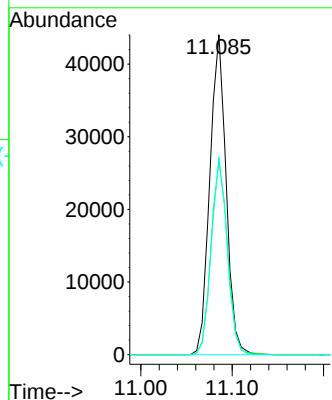
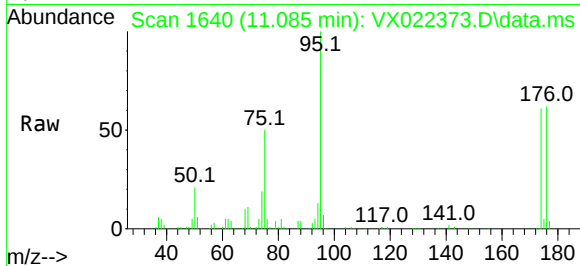




#62
4-Bromofluorobenzene
Concen: 45.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

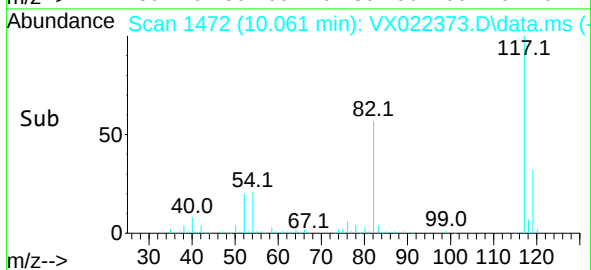
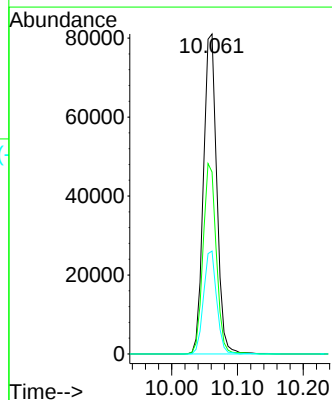
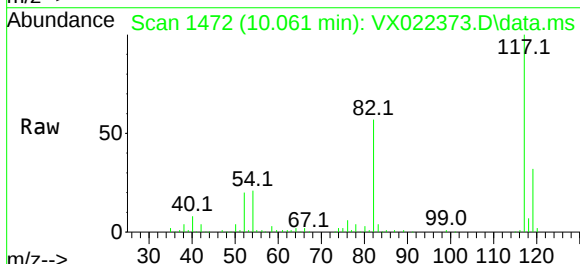
Instrument :
MSVOA_X
ClientSampleId :

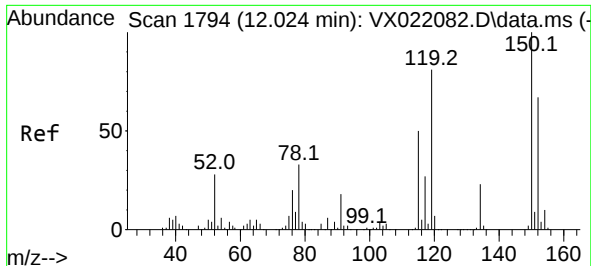
Tgt Ion: 95 Resp: 54305
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022373.D
Acq: 03 Jun 2021 17:58

Tgt Ion: 117 Resp: 114265
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.2 26.6 39.8

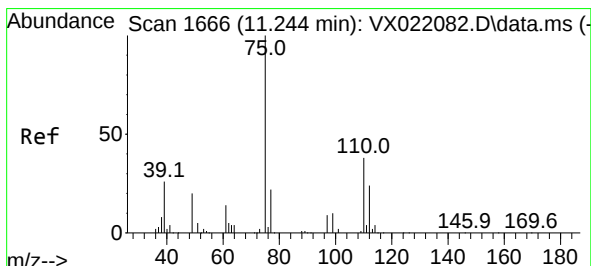
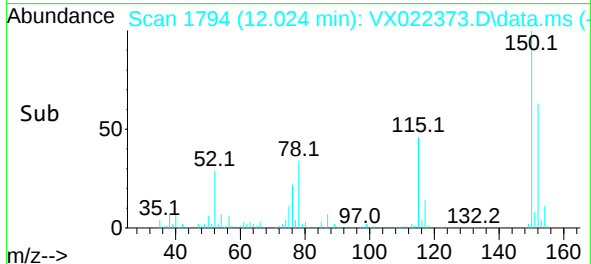
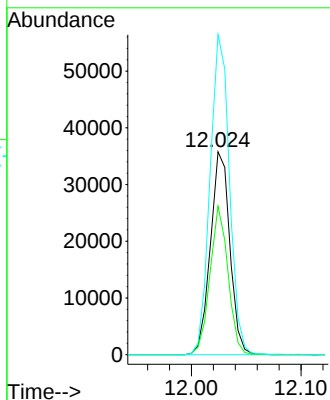
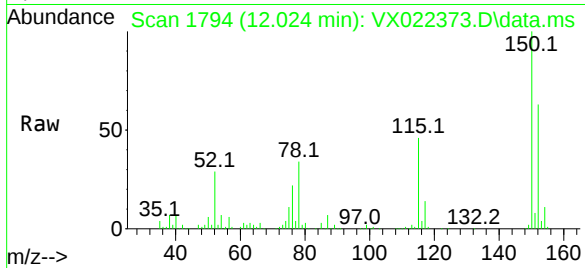




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022373.D
 Acq: 03 Jun 2021 17:58

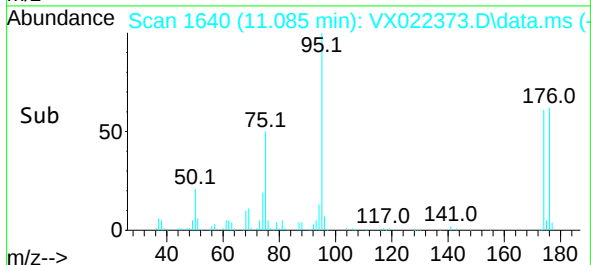
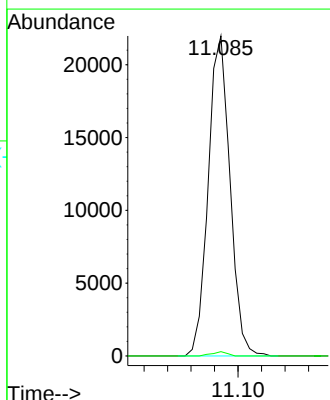
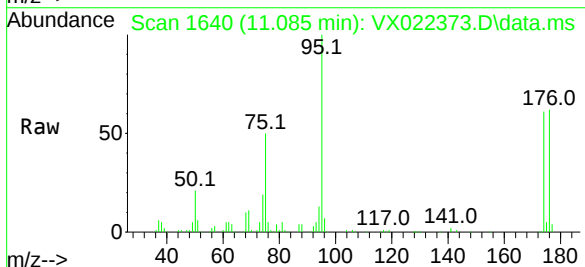
Instrument :
 MSVOA_X
 ClientSampled :

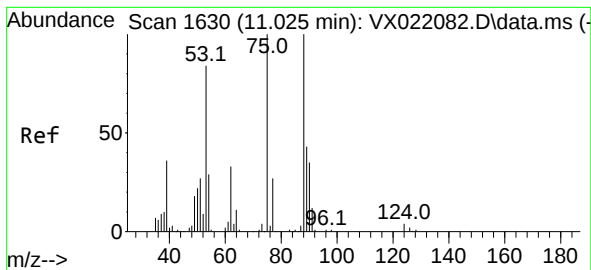
Tgt Ion:152 Resp: 44237
 Ion Ratio Lower Upper
 152 100
 115 67.6 41.1 123.3
 150 156.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.88 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022373.D
 Acq: 03 Jun 2021 17:58

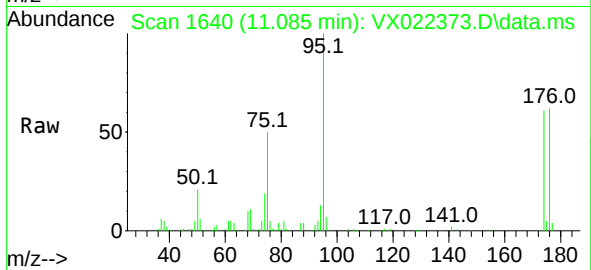
Tgt Ion: 75 Resp: 28249
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.33 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022373.D
 Acq: 03 Jun 2021 17:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28249
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

