

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022375.D
 Acq On : 03 Jun 2021 18:45
 Operator : JC/MD
 Sample : M2583-21 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:53:48 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)

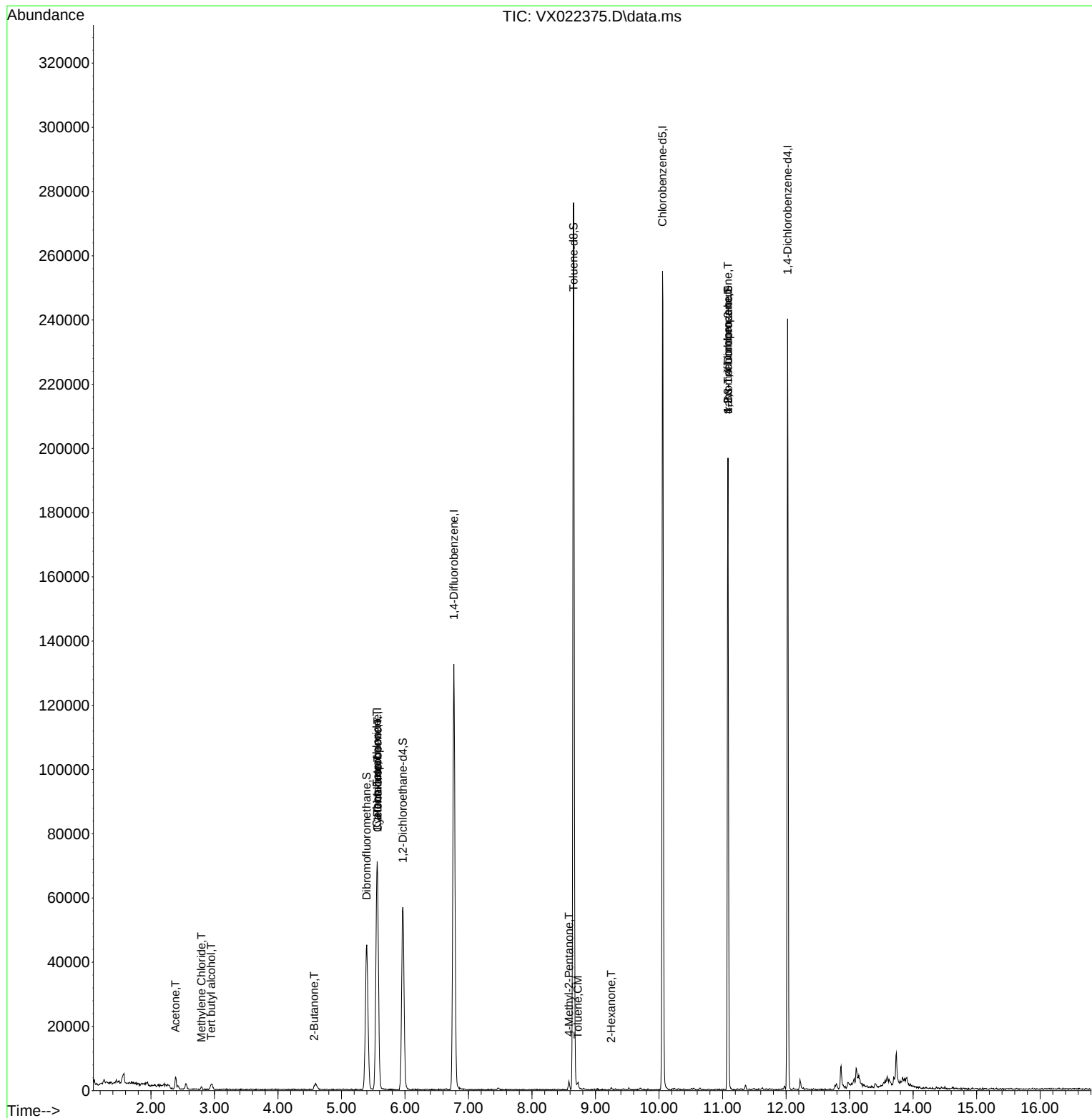
Internal Standards						
1) Pentafluorobenzene	5.562	168	61500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	128811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52011	54.82	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.64%			
35) Dibromofluoromethane	5.397	113	38962	47.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.40%			
50) Toluene-d8	8.653	98	157373	50.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.02%			
62) 4-Bromofluorobenzene	11.085	95	53132	45.68	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	1290	5.95	ug/l #	73
16) Acetone	2.385	43	4107	9.94	ug/l #	85
20) Methylene Chloride	2.794	84	285	0.31	ug/l #	76
25) 2-Butanone	4.568	43	402	0.60	ug/l #	85
31) Cyclohexane	5.568	56	1672	1.40	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	5600	4.70	ug/l #	45
38) Carbon Tetrachloride	5.556	117	7088	6.08	ug/l #	17
51) 4-Methyl-2-Pentanone	8.579	43	1492	1.04	ug/l	97
52) Toluene	8.720	92	677	0.29	ug/l	94
59) 2-Hexanone	9.244	43	277	0.26	ug/l	68
76) 1,2,3-Trichloropropane	11.085	75	28613	27.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28613	64.94	ug/l #	12

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

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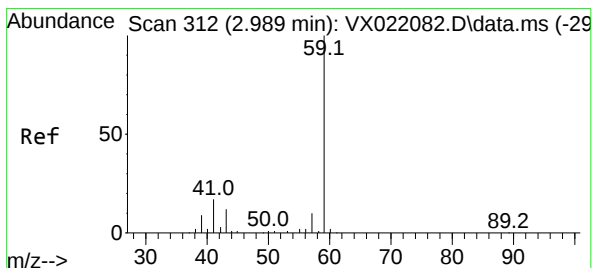
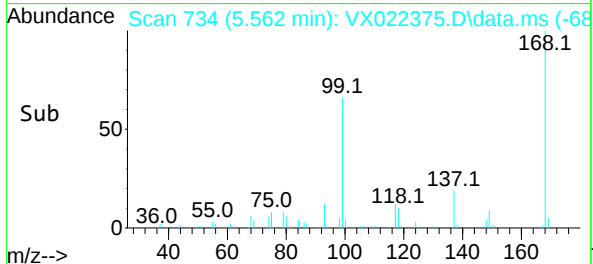
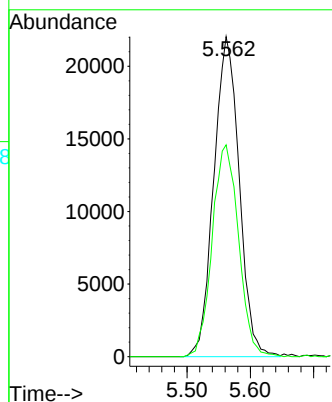
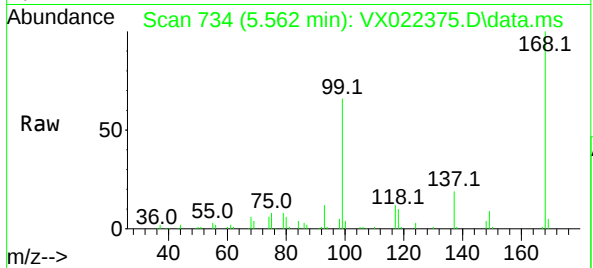




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

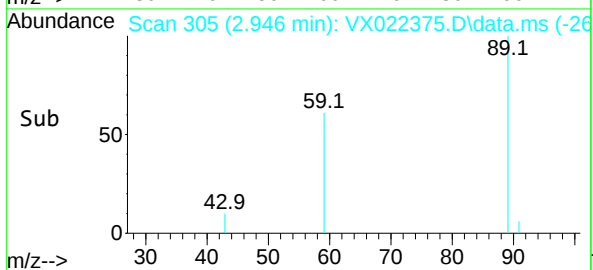
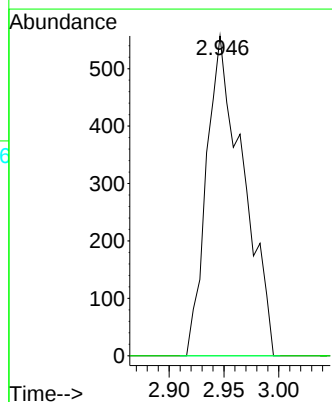
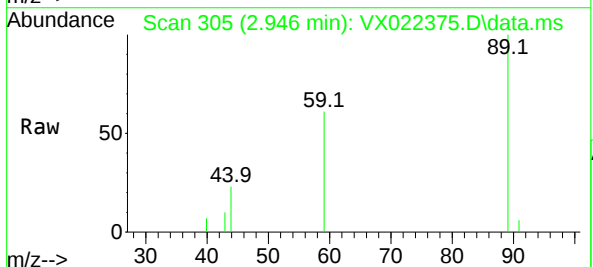
Instrument :
MSVOA_X
ClientSampleId :

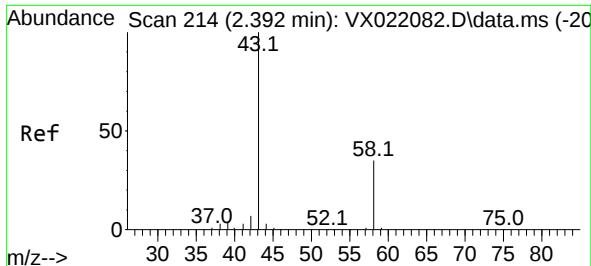
Tgt Ion:168 Resp: 61500
Ion Ratio Lower Upper
168 100
99 66.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.95 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 59 Resp: 1290
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

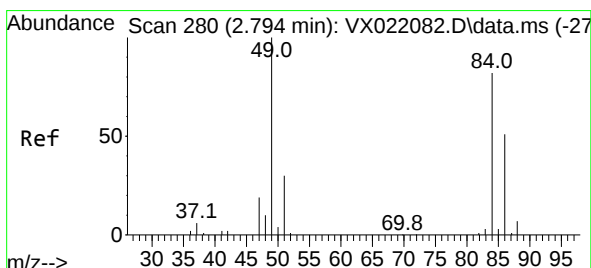
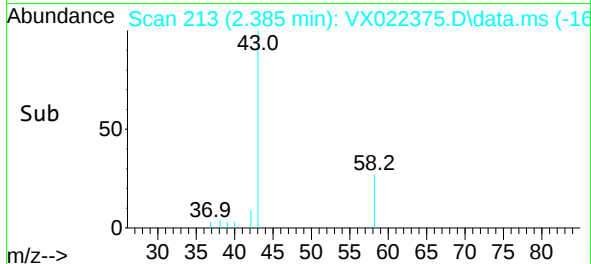
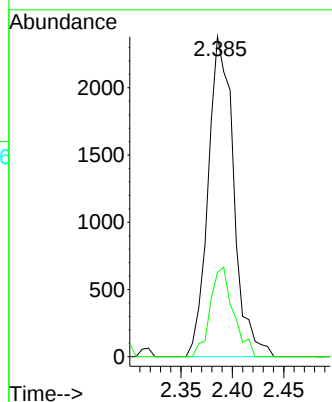
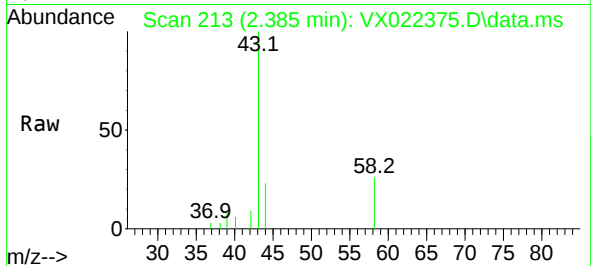




#16
Acetone
Concen: 9.94 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

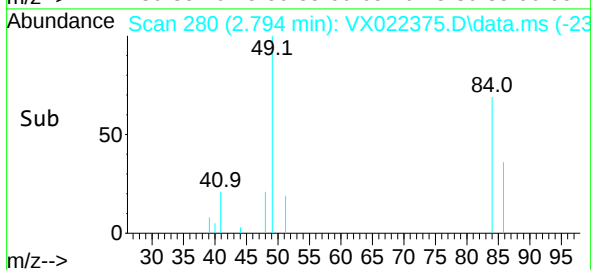
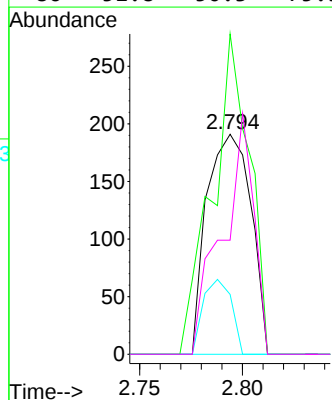
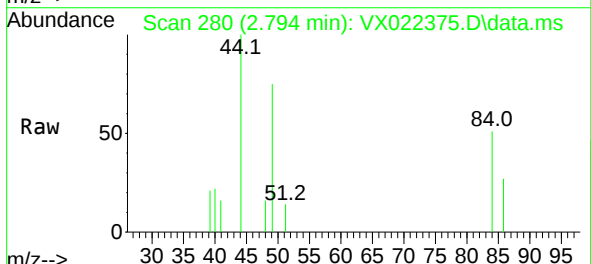
Instrument :
MSVOA_X
ClientSampled :

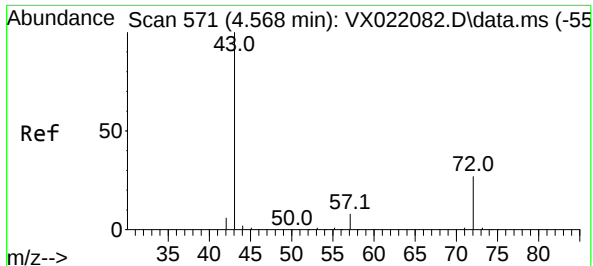
Tgt Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 84 Resp: 285
Ion Ratio Lower Upper
84 100
49 145.5 88.6 132.8#
51 27.2 27.0 40.6
86 51.8 50.3 75.5

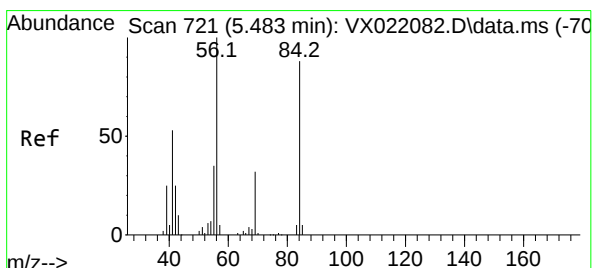
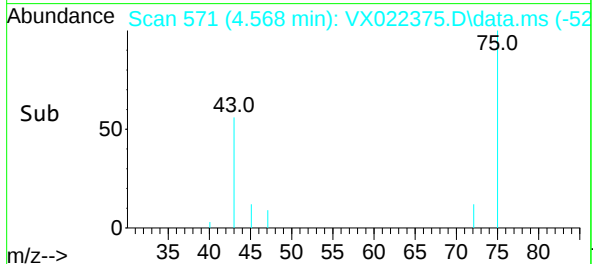
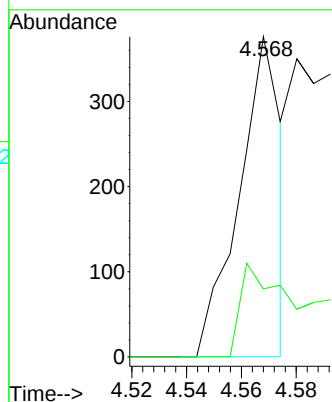
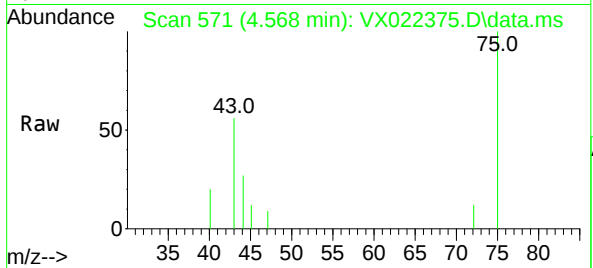




#25
2-Butanone
Concen: 0.60 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

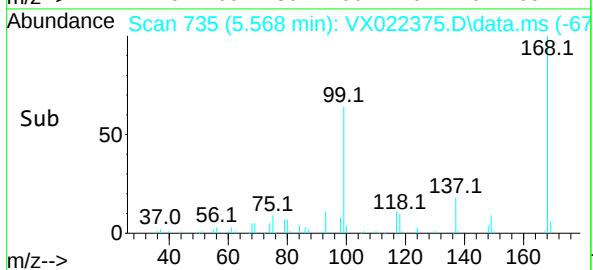
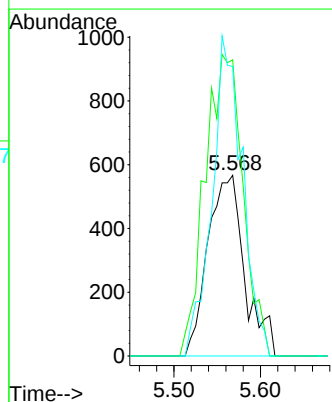
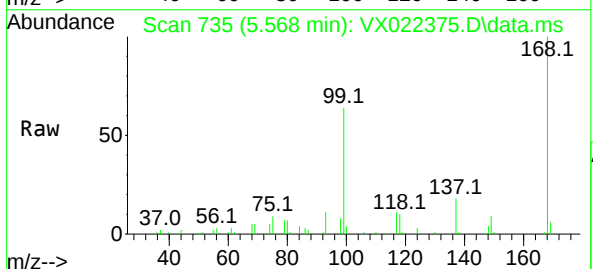
Instrument :
MSVOA_X
ClientSampled :

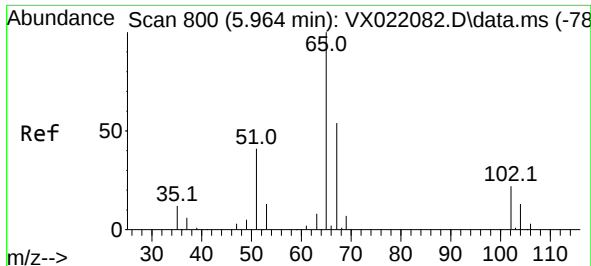
Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
72 21.3 23.7 35.5#



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 56 Resp: 1672
Ion Ratio Lower Upper
56 100
69 163.8 25.3 37.9#
84 160.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.82 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

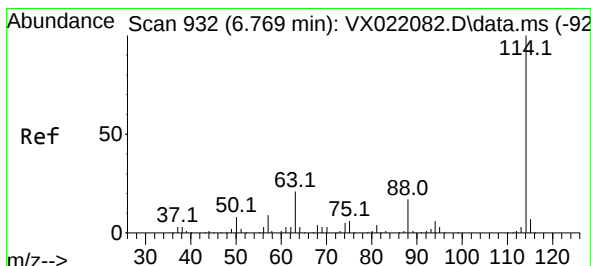
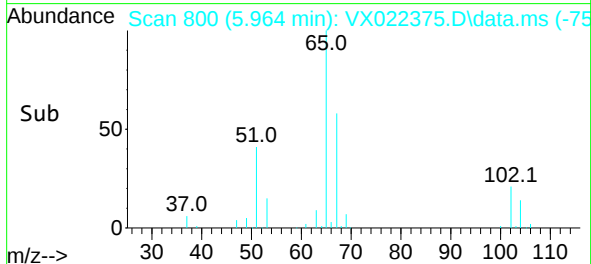
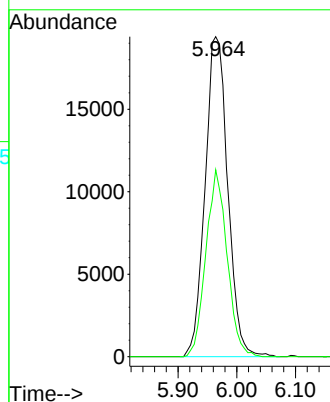
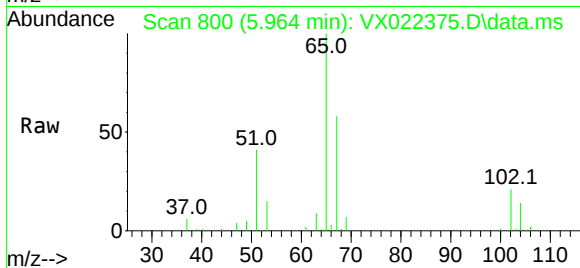
Lab File: VX022375.D

Acq: 03 Jun 2021 18:45

Tgt Ion: 65 Resp: 52011

Ion Ratio Lower Upper

65	100		
67	54.6	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

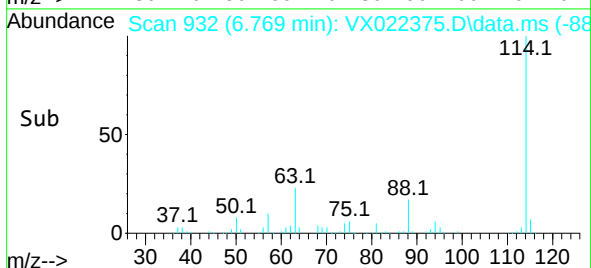
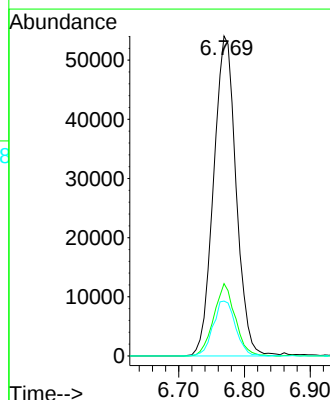
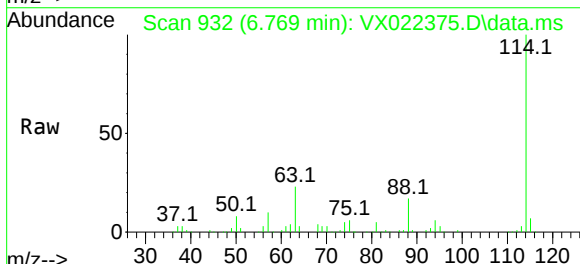
Lab File: VX022375.D

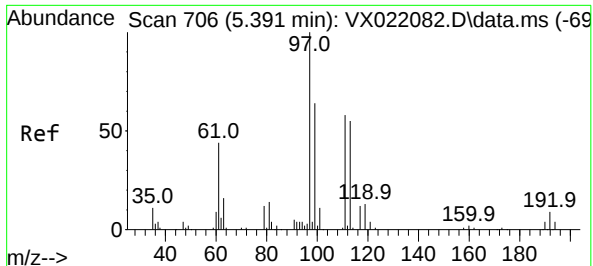
Acq: 03 Jun 2021 18:45

Tgt Ion: 114 Resp: 128811

Ion Ratio Lower Upper

114	100		
63	22.6	0.0	40.8
88	17.1	0.0	32.8





#35

Dibromofluoromethane

Concen: 47.70 ug/l

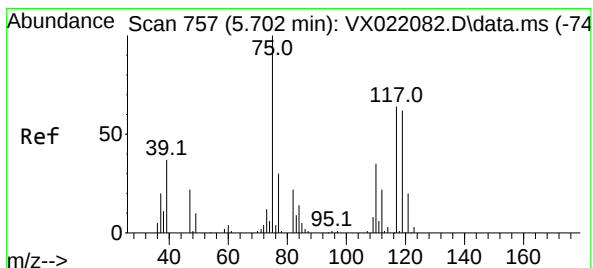
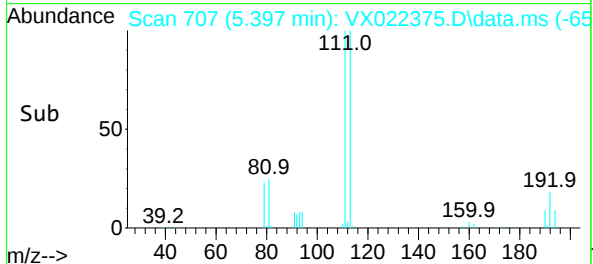
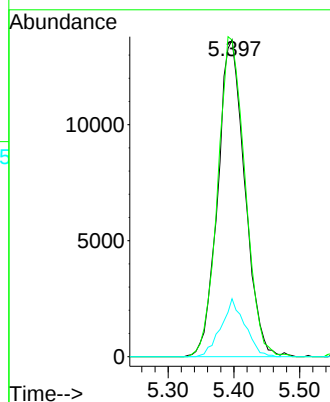
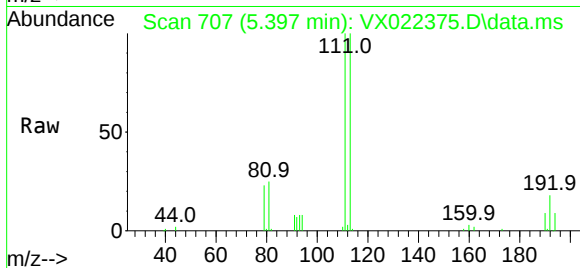
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022375.D

Acq: 03 Jun 2021 18:45

Tgt Ion:	113	Resp:	38962
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	16.2	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

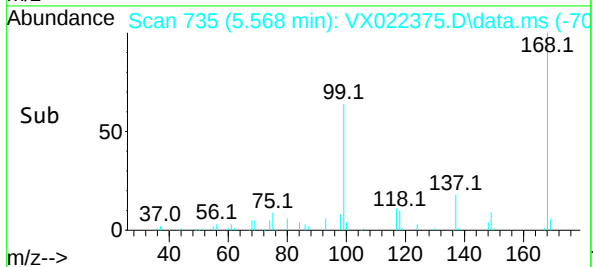
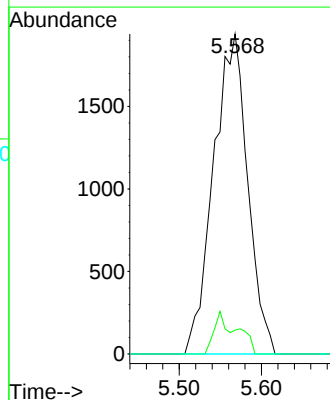
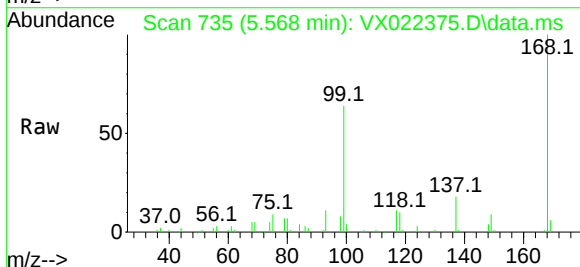
RT: 5.568 min Scan# 735

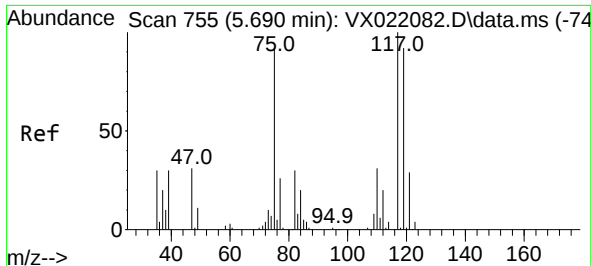
Delta R.T. -0.134 min

Lab File: VX022375.D

Acq: 03 Jun 2021 18:45

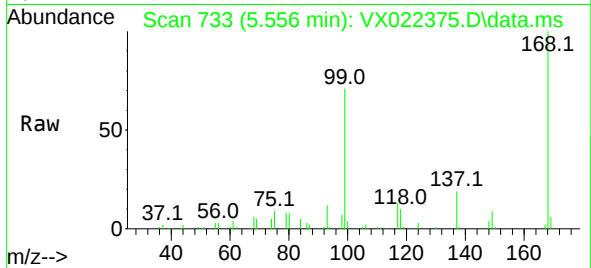
Tgt Ion:	75	Resp:	5600
Ion	Ratio	Lower	Upper
75	100		
110	5.0	18.1	54.4#
77	0.0	25.3	37.9#



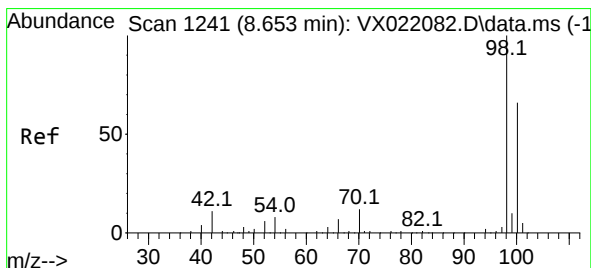
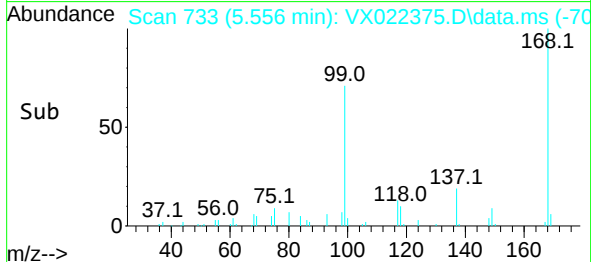
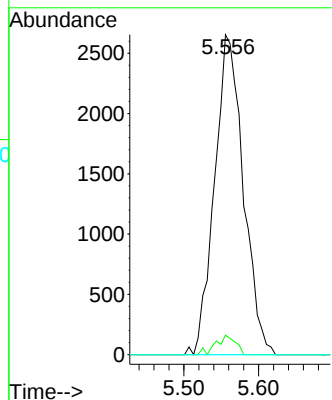


#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Instrument :
MSVOA_X
ClientSampleId :

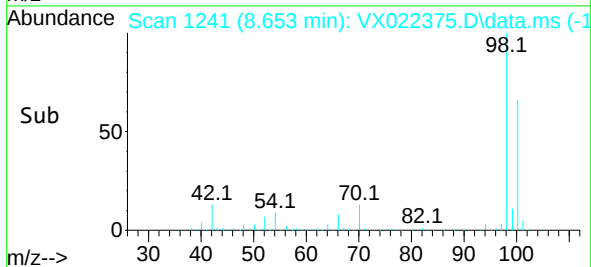
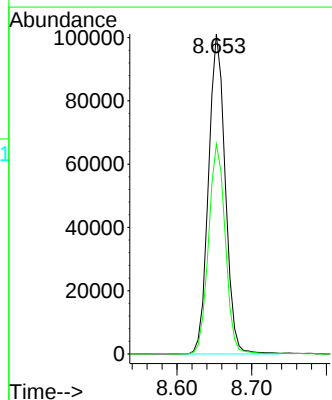
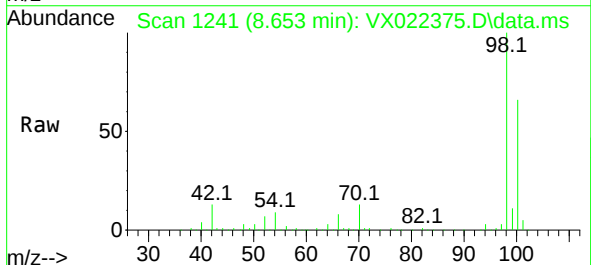


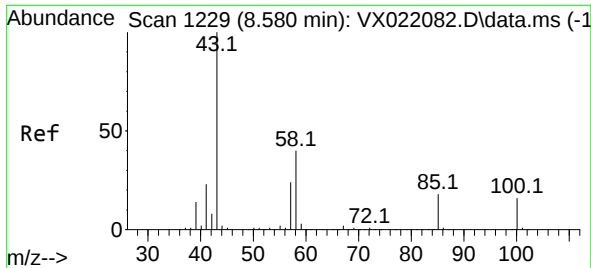
Tgt Ion:117 Resp: 7088
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.01 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 98 Resp: 157373
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

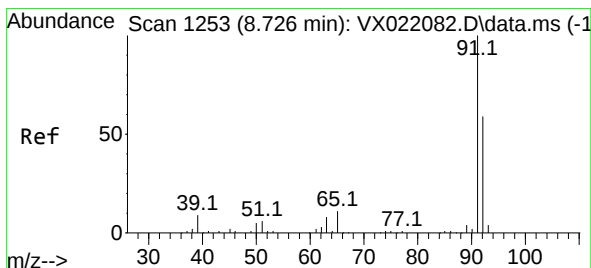
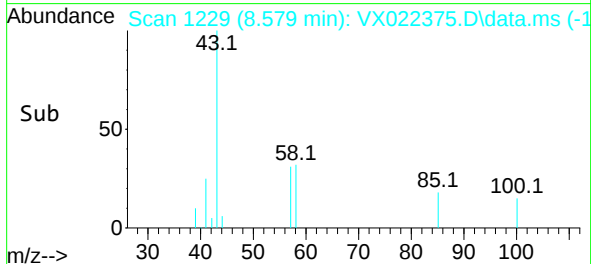
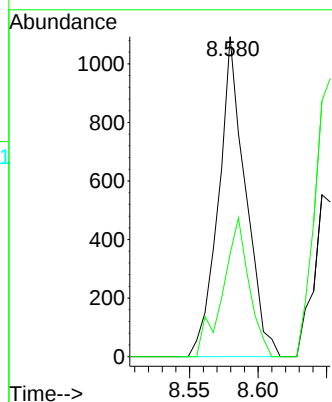
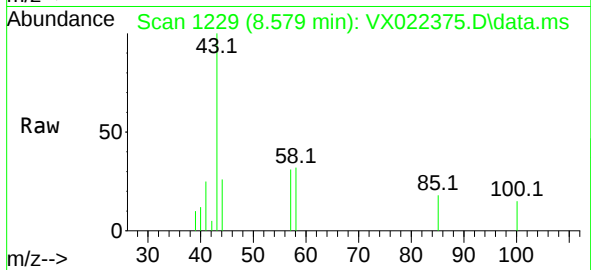




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.001 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

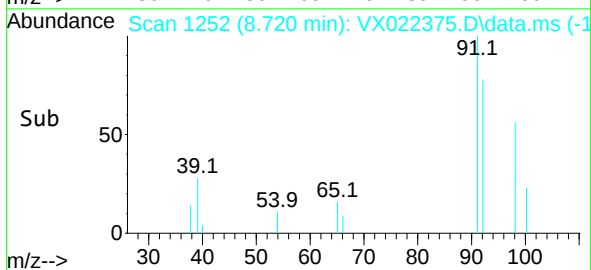
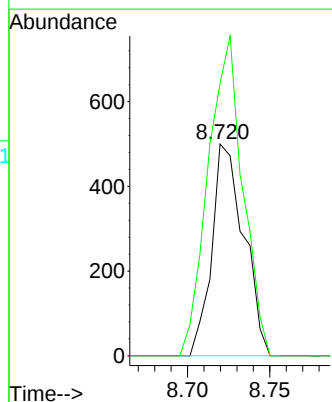
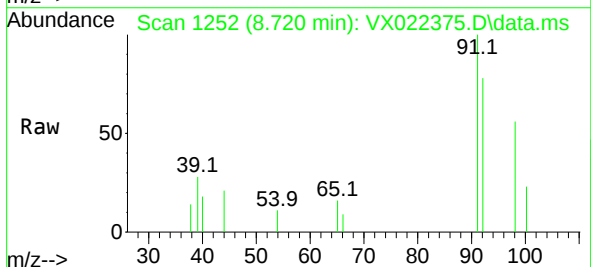
Instrument :
MSVOA_X
ClientSampled :

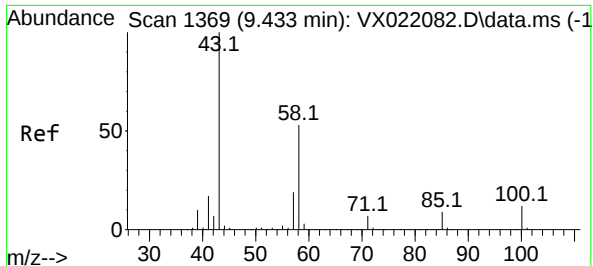
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
58 42.6 35.4 53.0



#52
Toluene
Concen: 0.29 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 92 Resp: 677
Ion Ratio Lower Upper
92 100
91 163.4 137.1 205.7

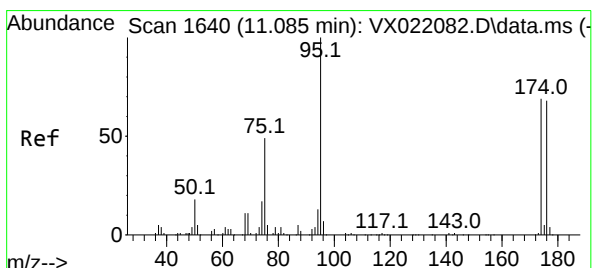
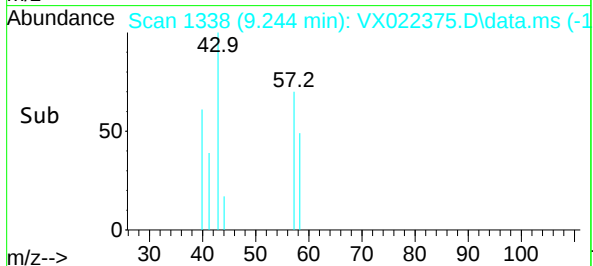
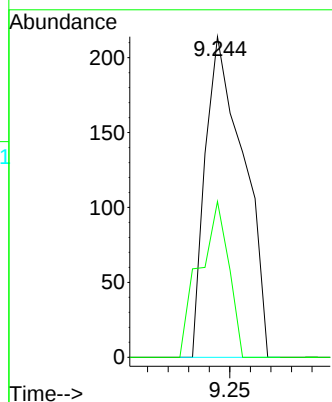
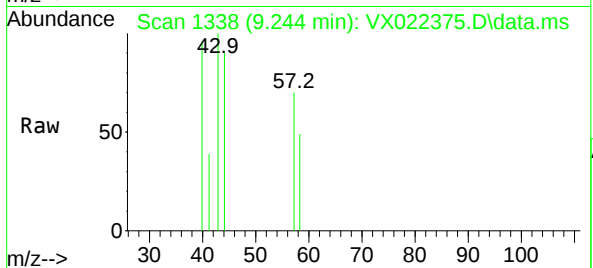




#59
2-Hexanone
Concen: 0.26 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

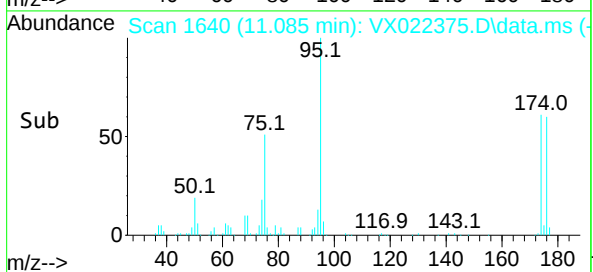
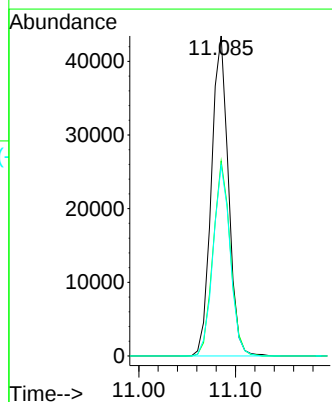
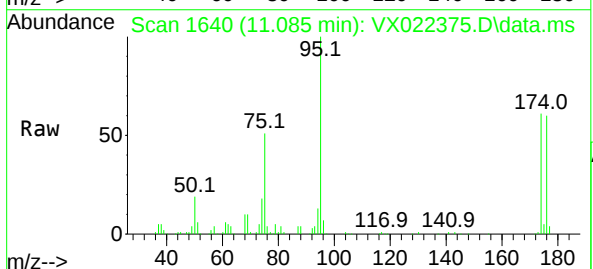
Instrument :
MSVOA_X
ClientSampled :

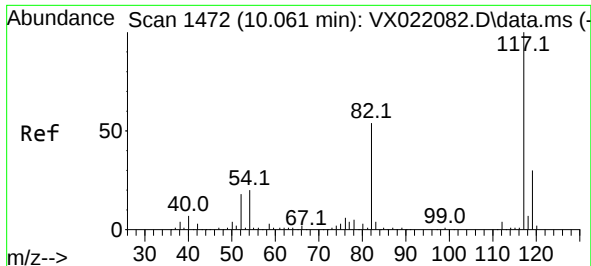
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 37.2 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 45.68 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 95 Resp: 53132
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 59.9 0.0 155.8

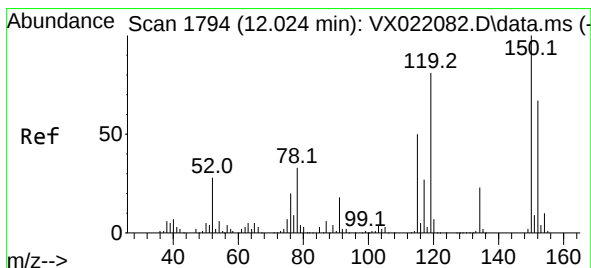
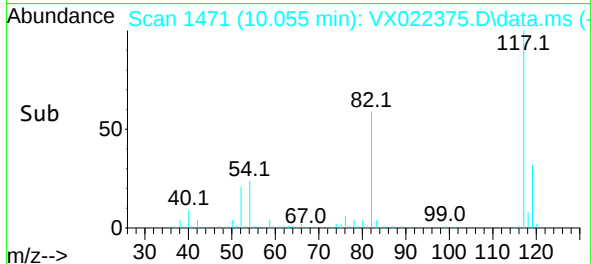
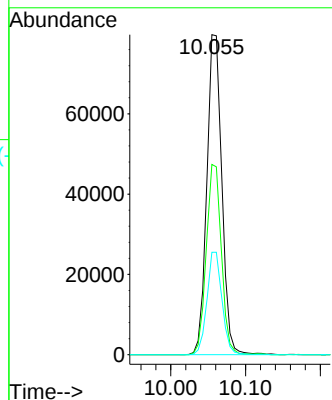
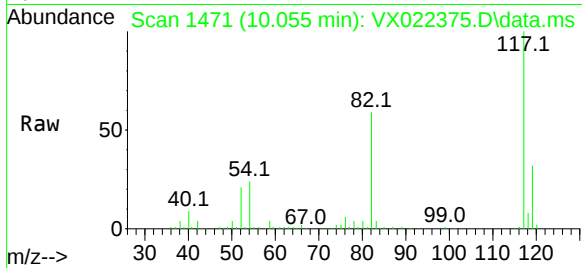




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

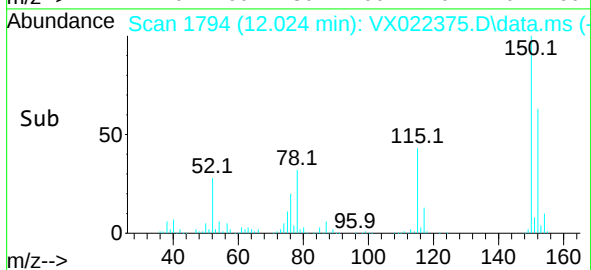
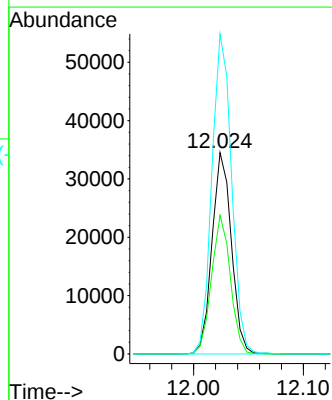
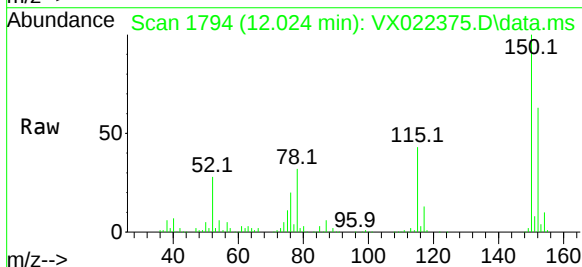
Instrument :
MSVOA_X
ClientSampleId :

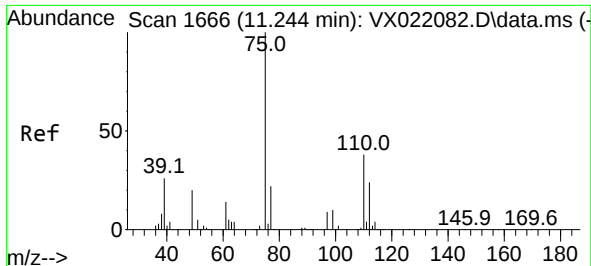
Tgt Ion:117 Resp: 111375
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion:152 Resp: 42316
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 161.6 0.0 349.0

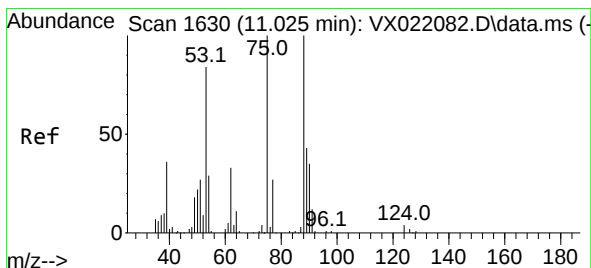
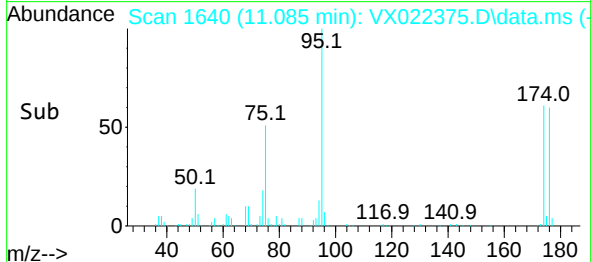
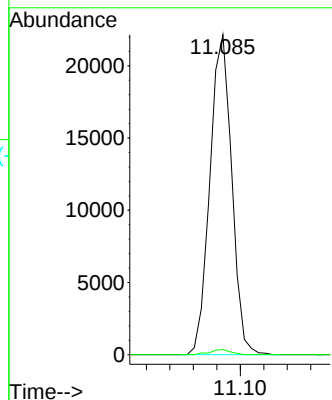
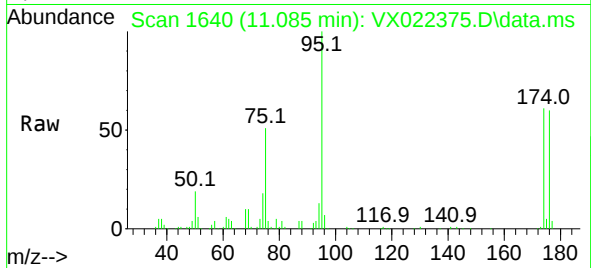




#76
1,2,3-Trichloropropane
Concen: 27.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28613
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022375.D
Acq: 03 Jun 2021 18:45

Tgt Ion: 75 Resp: 28613
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

