

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022367.D
 Acq On : 03 Jun 2021 15:36
 Operator : JC/MD
 Sample : M2567-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:51:47 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)

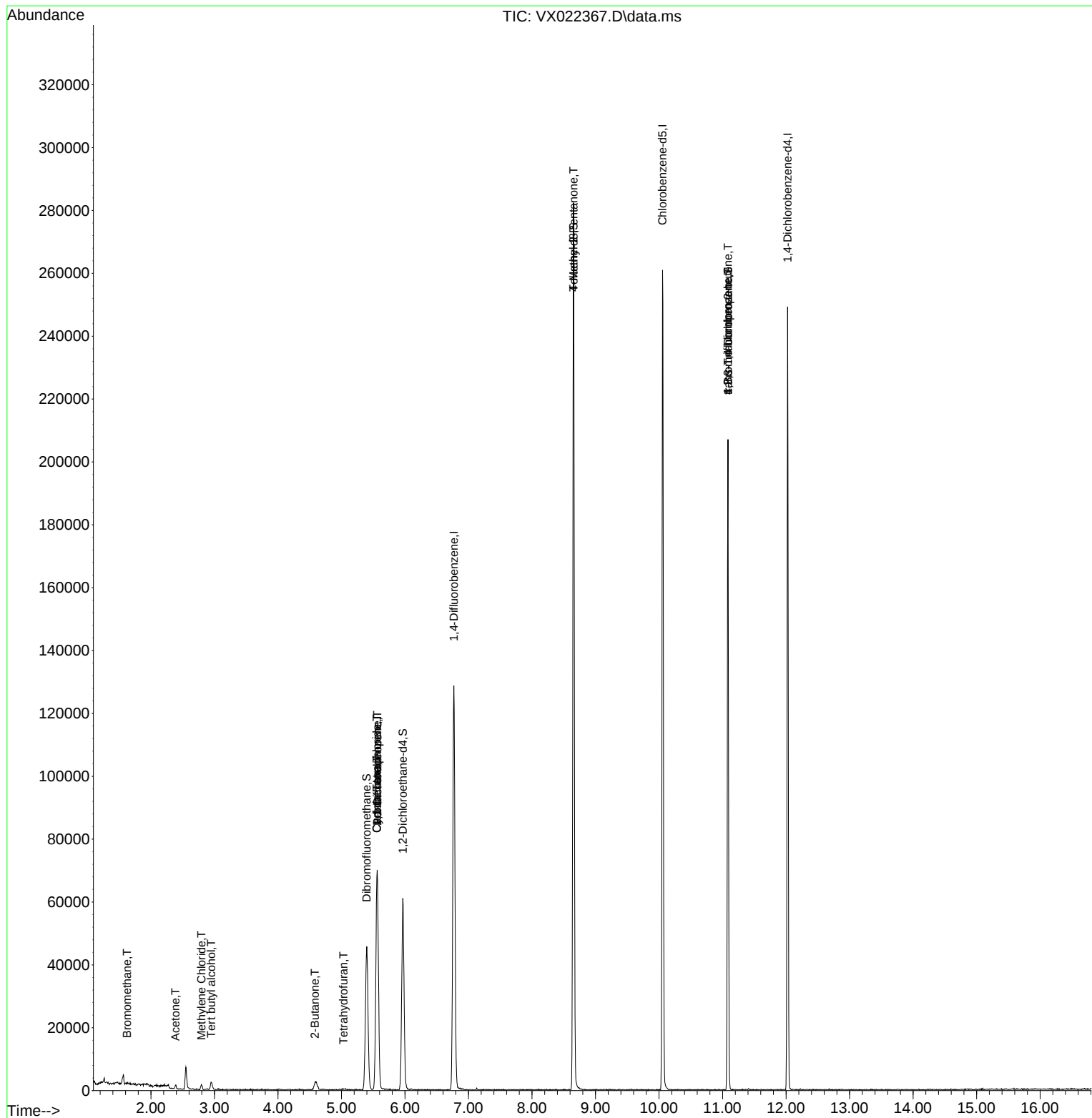
Internal Standards						
1) Pentafluorobenzene	5.562	168	60865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	129207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53394	56.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.74%			
35) Dibromofluoromethane	5.397	113	39400	48.09	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.18%			
50) Toluene-d8	8.653	98	159239	50.45	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.90%			
62) 4-Bromofluorobenzene	11.085	95	55117	47.24	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.48%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	301	0.61	ug/l #	54
11) Tert butyl alcohol	2.946	59	1462	6.81	ug/l #	73
16) Acetone	2.386	43	1374	3.36	ug/l #	80
20) Methylene Chloride	2.794	84	756	0.83	ug/l #	75
25) 2-Butanone	4.580	43	154	0.23	ug/l #	45
29) Tetrahydrofuran	5.031	42	216	0.55	ug/l #	27
31) Cyclohexane	5.556	56	1822	1.54	ug/l #	50
36) 1,1-Dichloropropene	5.562	75	6288	5.26	ug/l #	44
38) Carbon Tetrachloride	5.556	117	6902	5.91	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	788	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	29331	27.33	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29331	64.74	ug/l #	12

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

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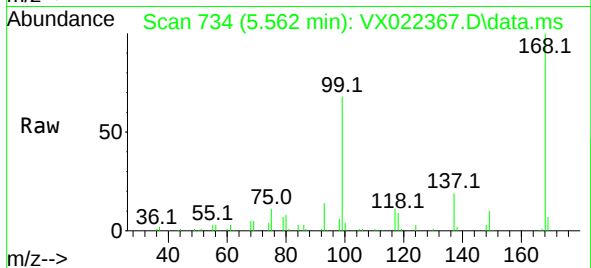
Quant Time: Jun 04 03:51:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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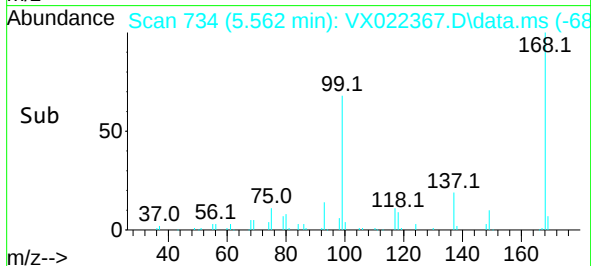
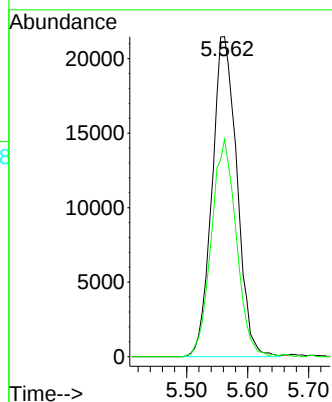


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Instrument :
MSVOA_X
ClientSampleId :

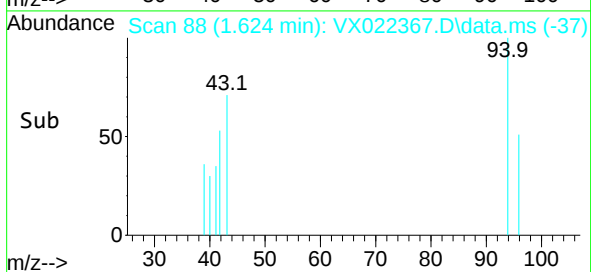
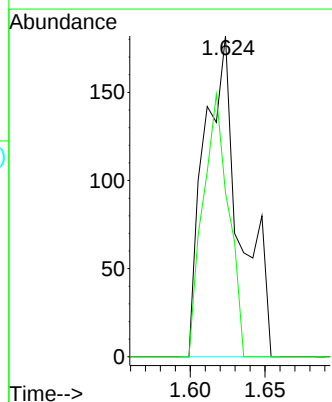
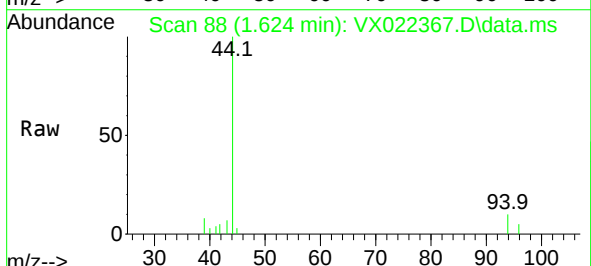


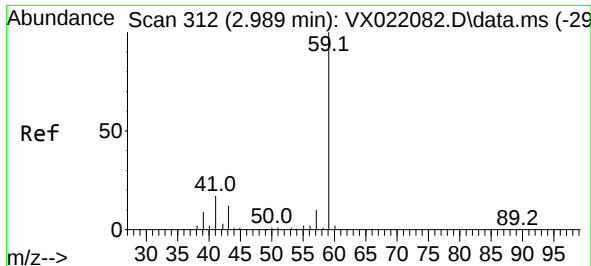
Tgt Ion:168 Resp: 60865
Ion Ratio Lower Upper
168 100
99 67.9 45.8 68.6



#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 51.1 76.4 114.6#



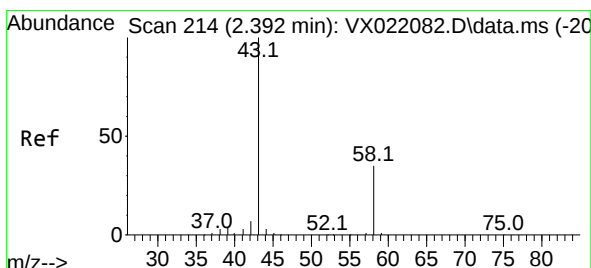
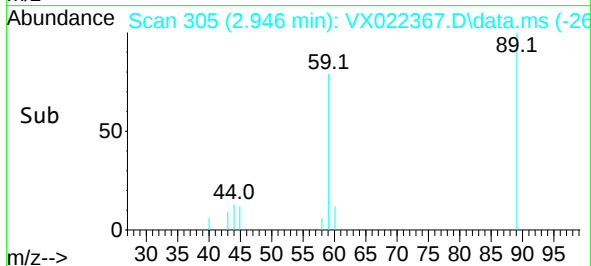
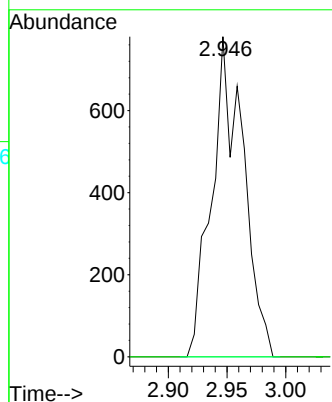
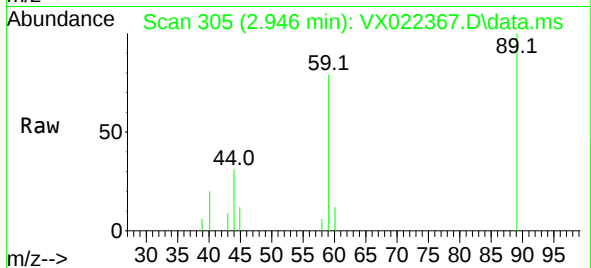


#11

Tert butyl alcohol
Concen: 6.81 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Instrument :
MSVOA_X
ClientSampled :

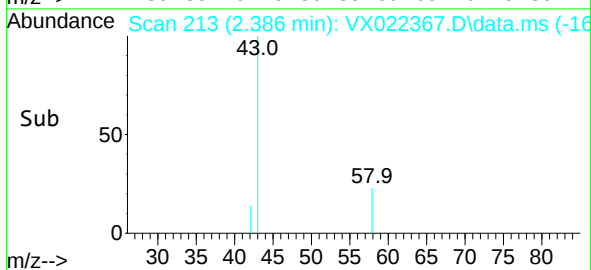
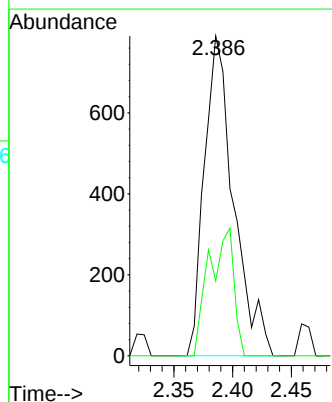
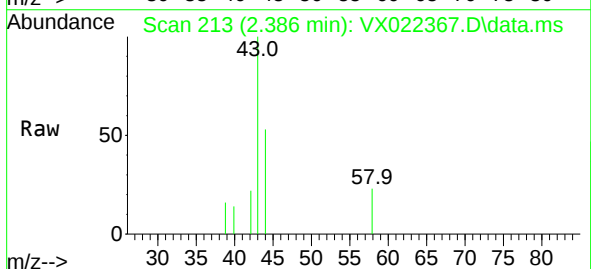
Tgt Ion: 59 Resp: 1462
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

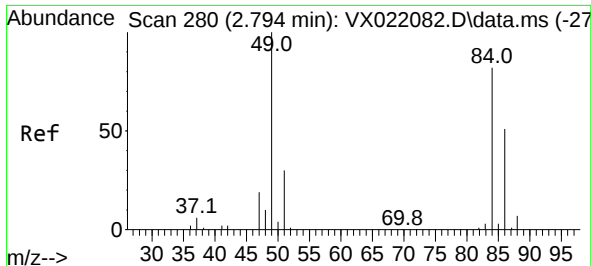


#16

Acetone
Concen: 3.36 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 23.4 27.8 41.8#





#20

Methylene Chloride

Concen: 0.83 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

Tgt Ion: 84 Resp: 756

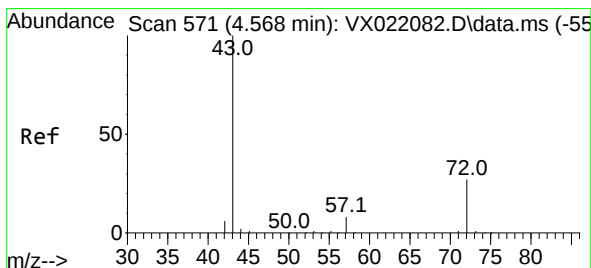
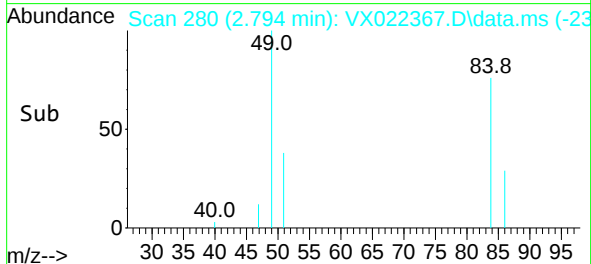
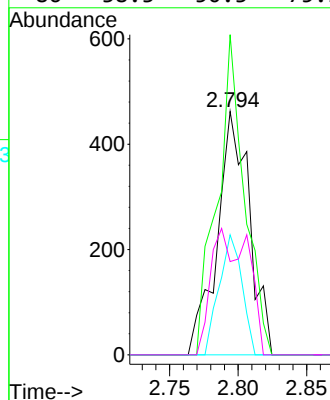
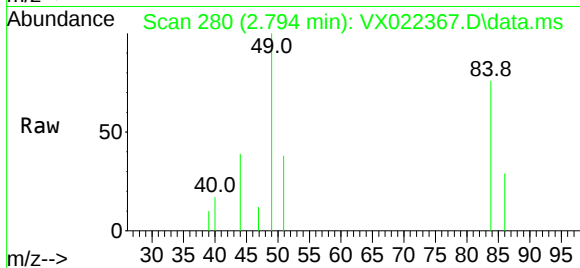
Ion Ratio Lower Upper

84 100

49 131.6 88.6 132.8

51 49.4 27.0 40.6#

86 38.3 50.3 75.5#



#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022367.D

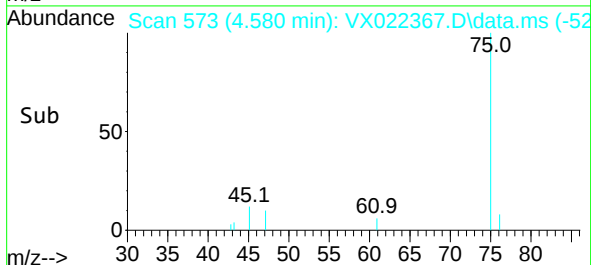
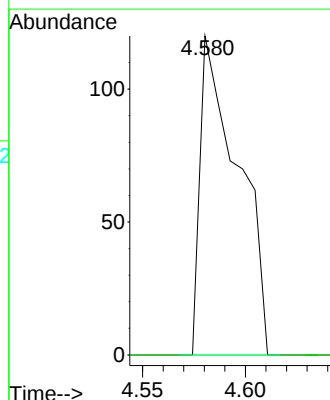
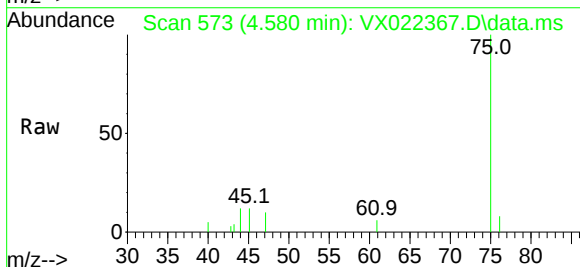
Acq: 03 Jun 2021 15:36

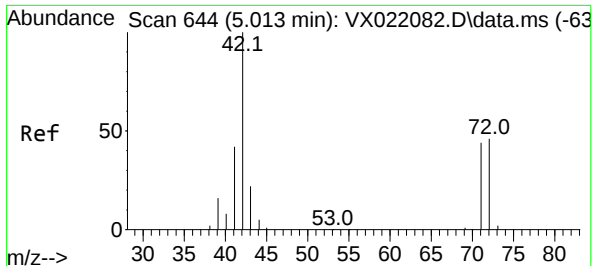
Tgt Ion: 43 Resp: 154

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.55 ug/l

RT: 5.031 min Scan# 647

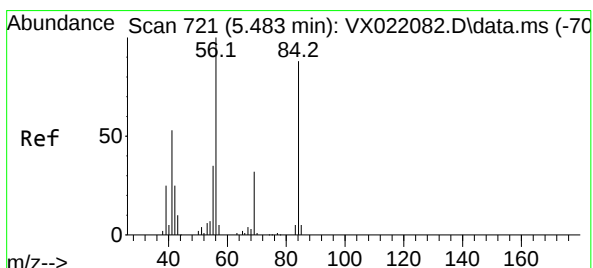
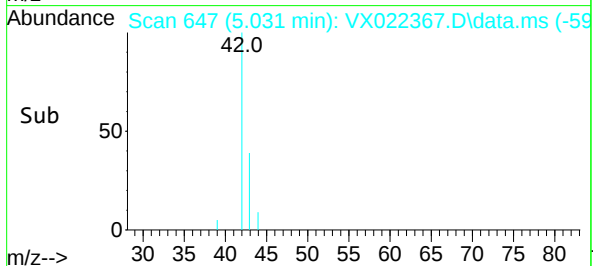
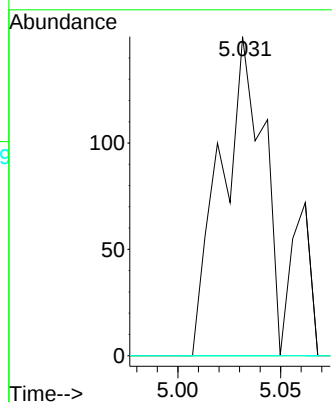
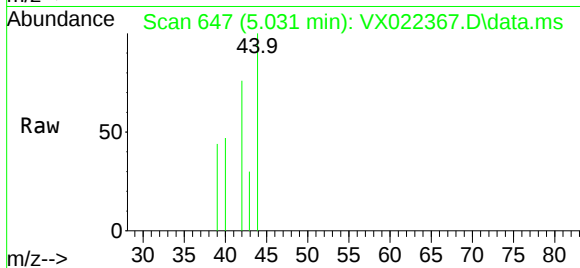
Delta R.T. 0.018 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

Tgt Ion:	42	Resp:	216
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.54 ug/l

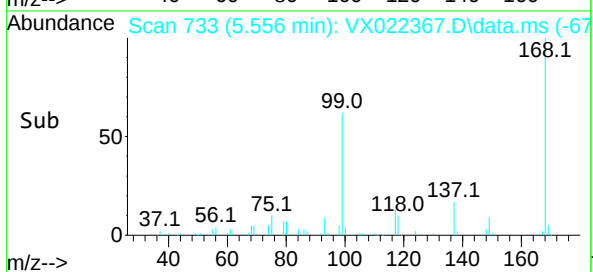
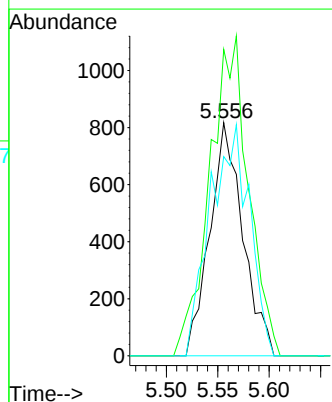
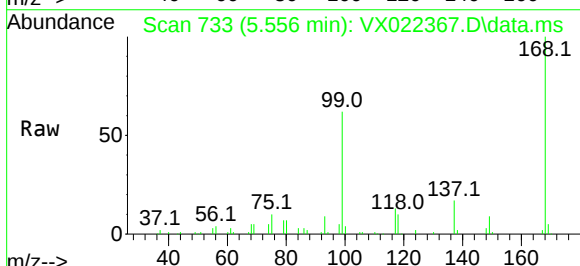
RT: 5.556 min Scan# 733

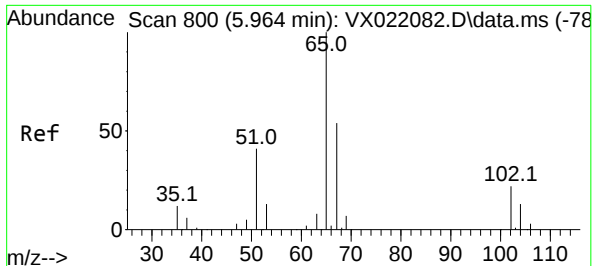
Delta R.T. 0.073 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

Tgt Ion:	56	Resp:	1822
Ion	Ratio	Lower	Upper
56	100		
69	131.5	25.3	37.9#
84	85.4	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 56.87 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022367.D

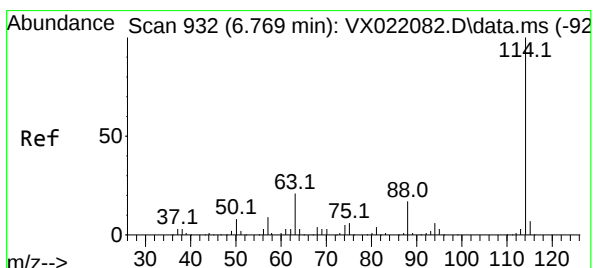
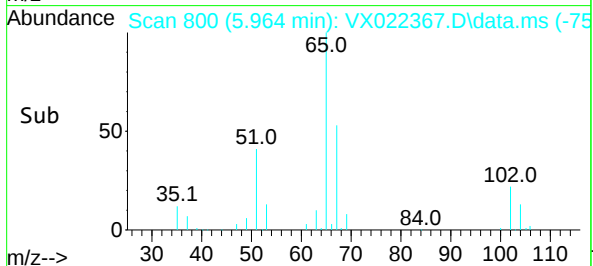
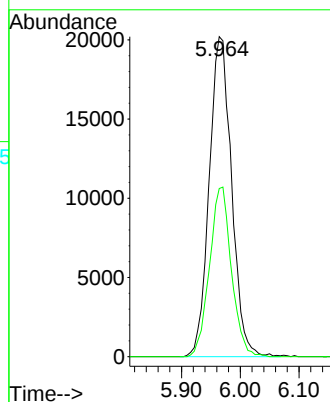
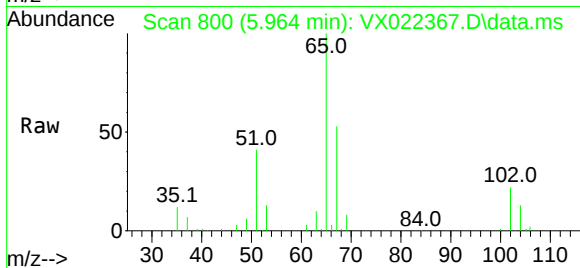
Acq: 03 Jun 2021 15:36

Tgt Ion: 65 Resp: 53394

Ion Ratio Lower Upper

65 100

67 51.9 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: VX022367.D

Acq: 03 Jun 2021 15:36

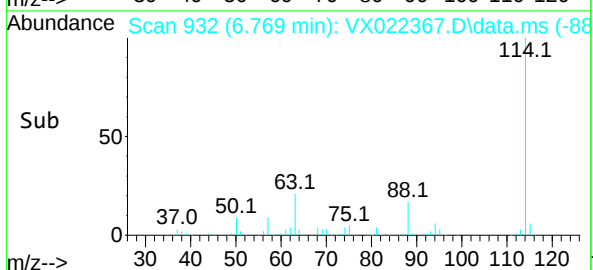
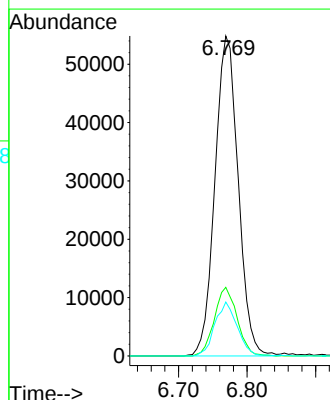
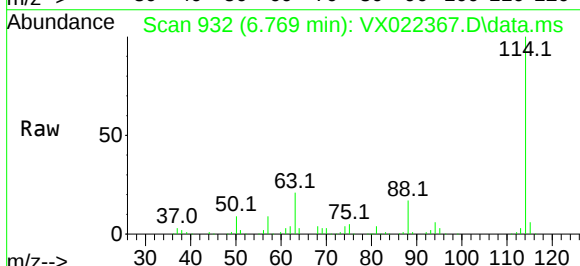
Tgt Ion: 114 Resp: 129207

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.09 ug/l

RT: 5.397 min Scan# 707

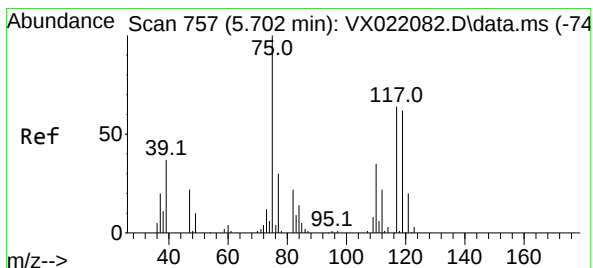
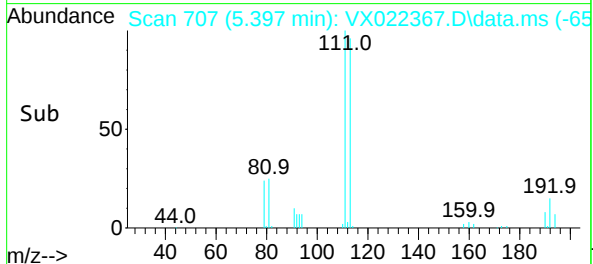
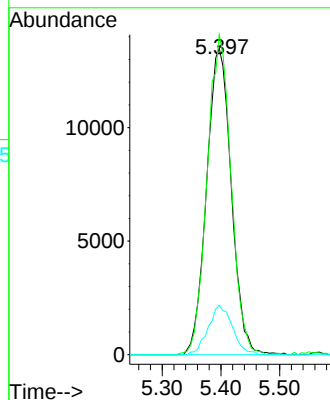
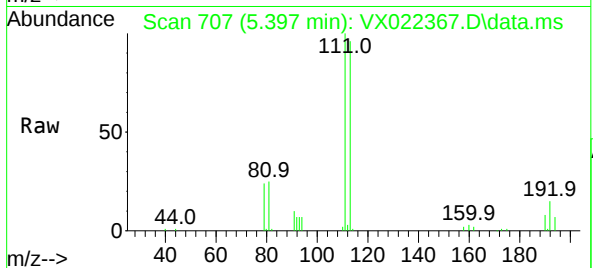
Delta R.T. 0.006 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

Tgt Ion:113 Resp: 39400
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.9 122.9
 192 15.8 16.7 25.1#

Instrument :
 MSVOA_X
 ClientSampled :



#36

1,1-Dichloropropene

Concen: 5.26 ug/l

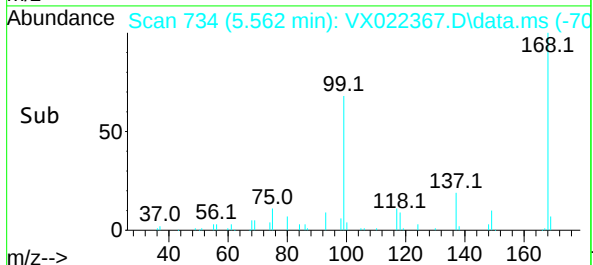
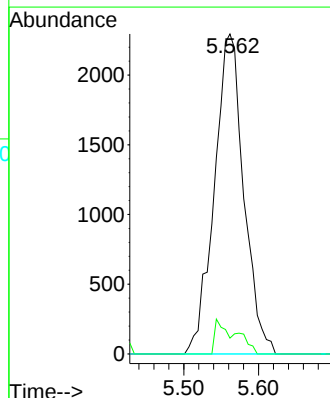
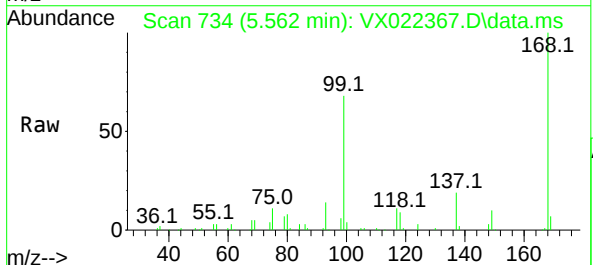
RT: 5.562 min Scan# 734

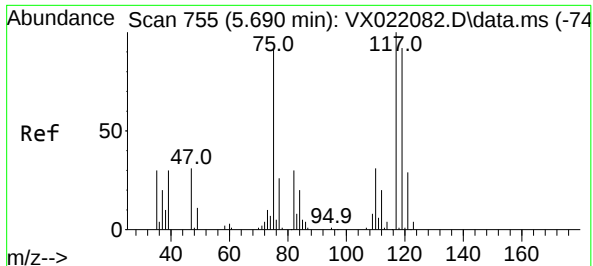
Delta R.T. -0.140 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

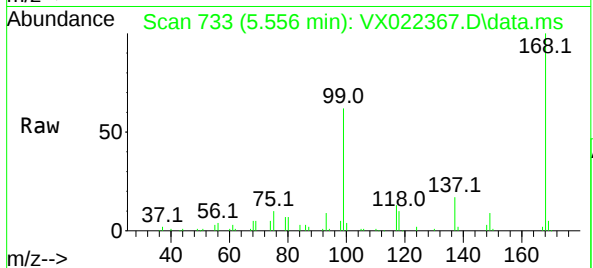
Tgt Ion: 75 Resp: 6288
 Ion Ratio Lower Upper
 75 100
 110 4.2 18.1 54.4#
 77 0.0 25.3 37.9#



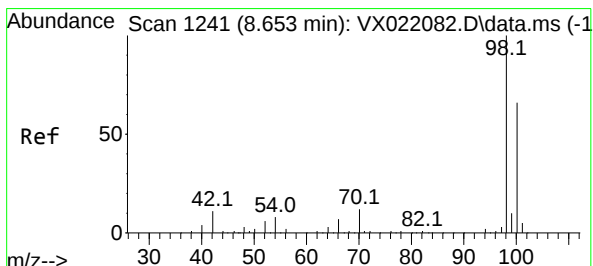
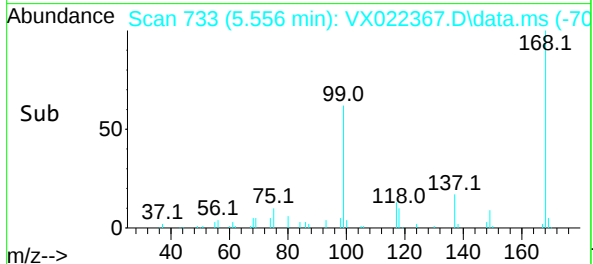
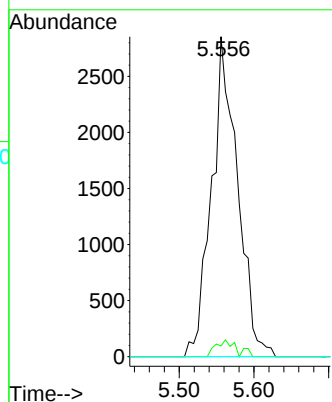


#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Instrument :
MSVOA_X
ClientSampleId :

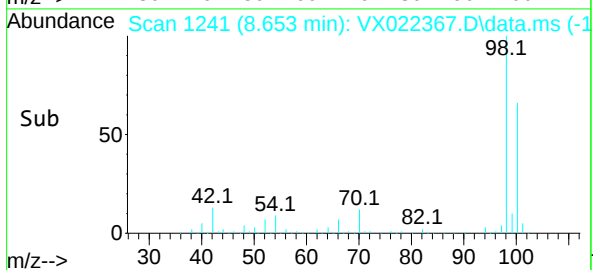
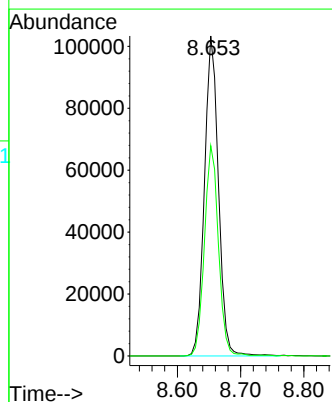
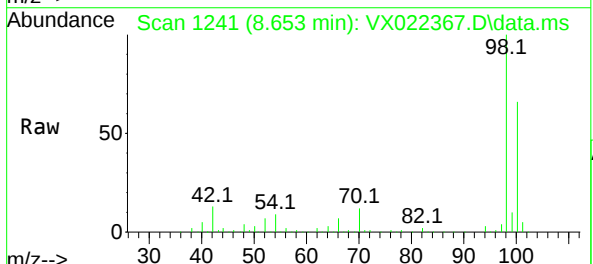


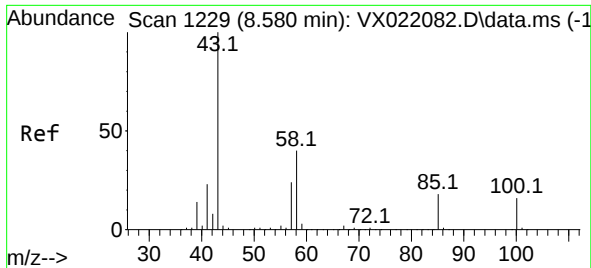
Tgt Ion:117 Resp: 6902
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Tgt Ion: 98 Resp: 159239
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

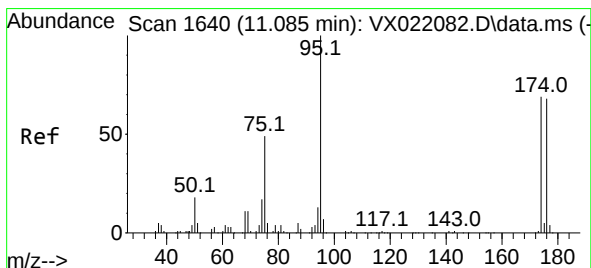
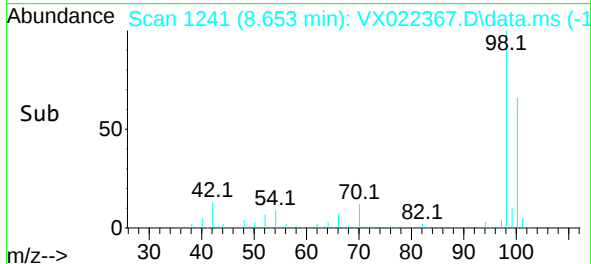
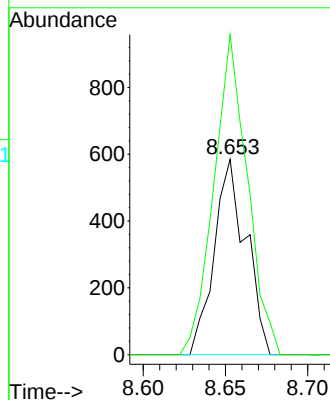
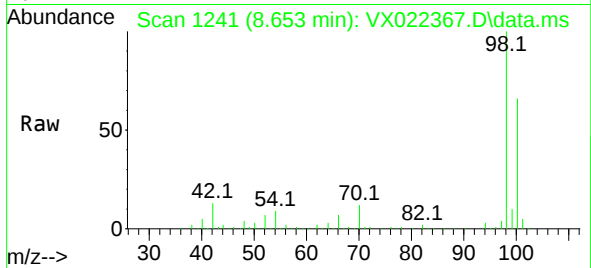




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

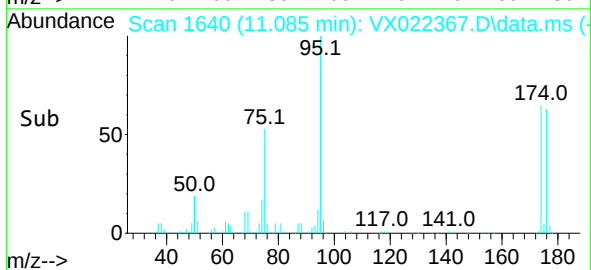
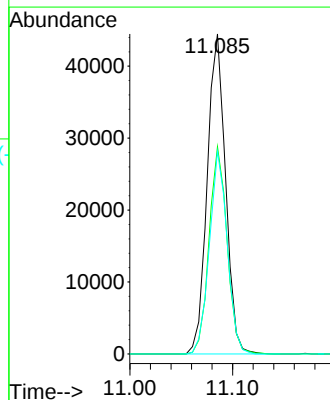
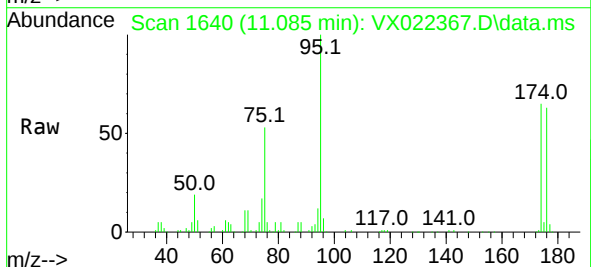
Instrument :
MSVOA_X
ClientSampled :

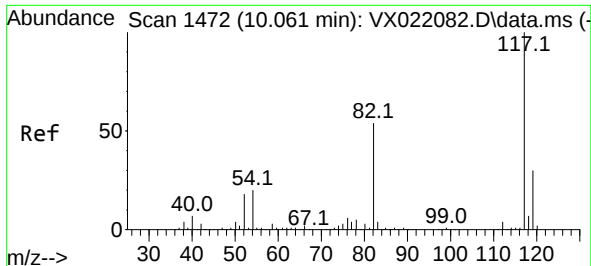
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 172.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Tgt Ion: 95 Resp: 55117
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 61.4 0.0 155.8

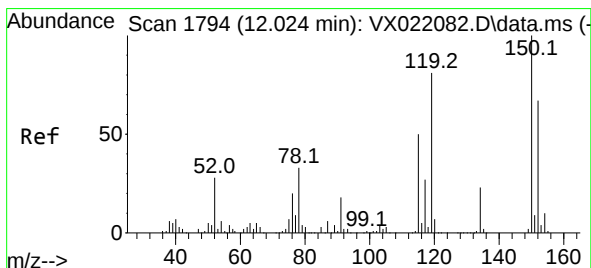
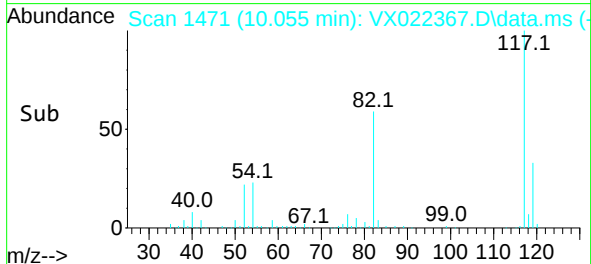
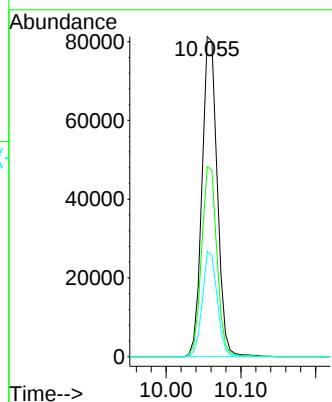
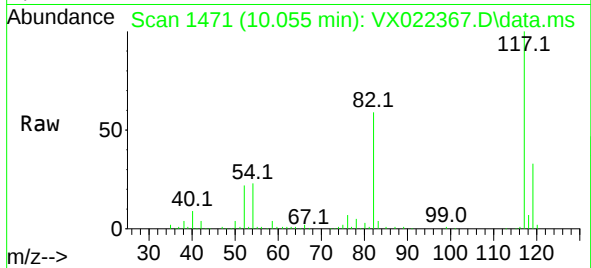




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

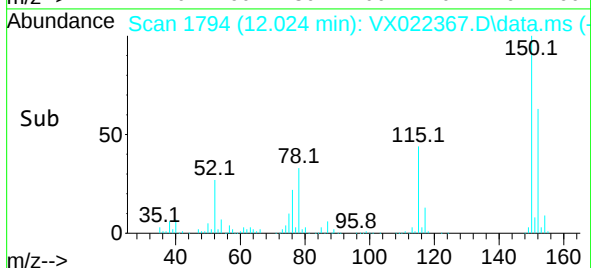
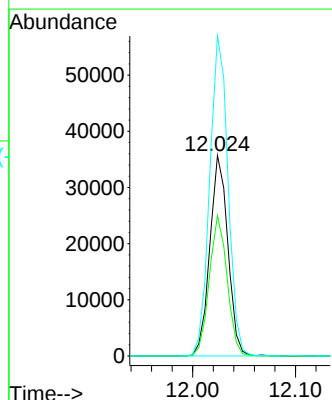
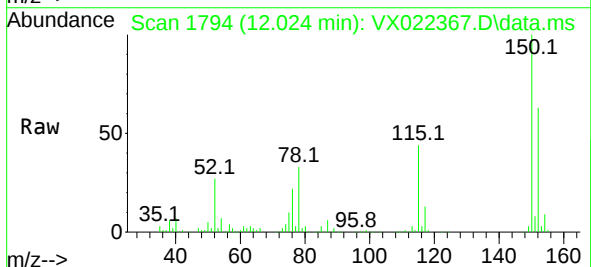
Instrument :
MSVOA_X
ClientSampled :

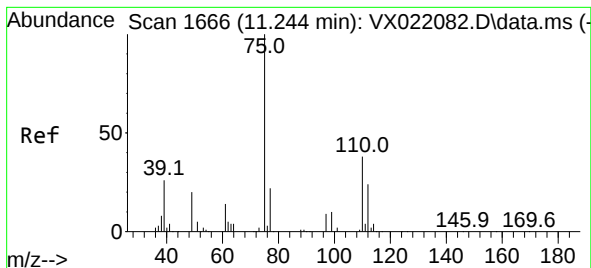
Tgt Ion:117 Resp: 115217
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022367.D
Acq: 03 Jun 2021 15:36

Tgt Ion:152 Resp: 43510
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 161.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 27.33 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

Tgt Ion: 75 Resp: 29331

Ion Ratio Lower Upper

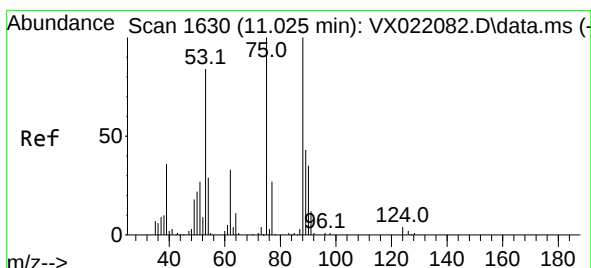
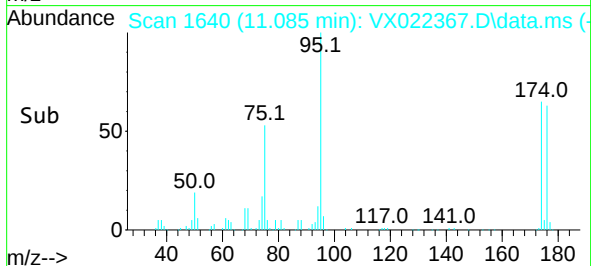
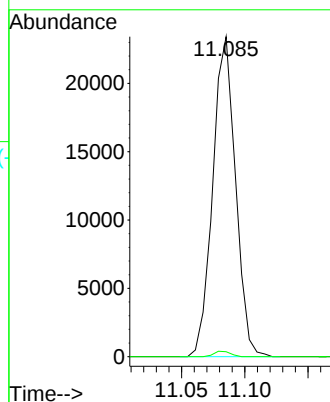
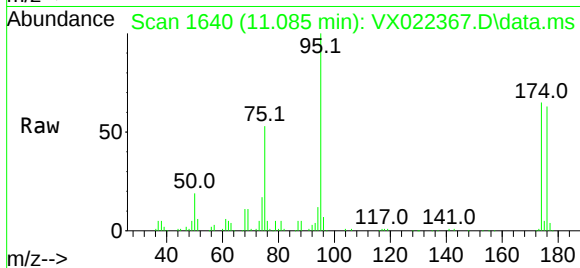
75 100

77 1.3 19.1 57.5#

Instrument :

MSVOA_X

ClientSampled :



#81

trans-1,4-Dichloro-2-butene

Concen: 64.74 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022367.D

Acq: 03 Jun 2021 15:36

Tgt Ion: 75 Resp: 29331

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.1 37.9 56.9#

