

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043592.D
 Acq On : 06 May 2021 18:40
 Operator : SY/MD
 Sample : M2298-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CAL-TB01-20210504

Quant Time: May 07 02:07:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

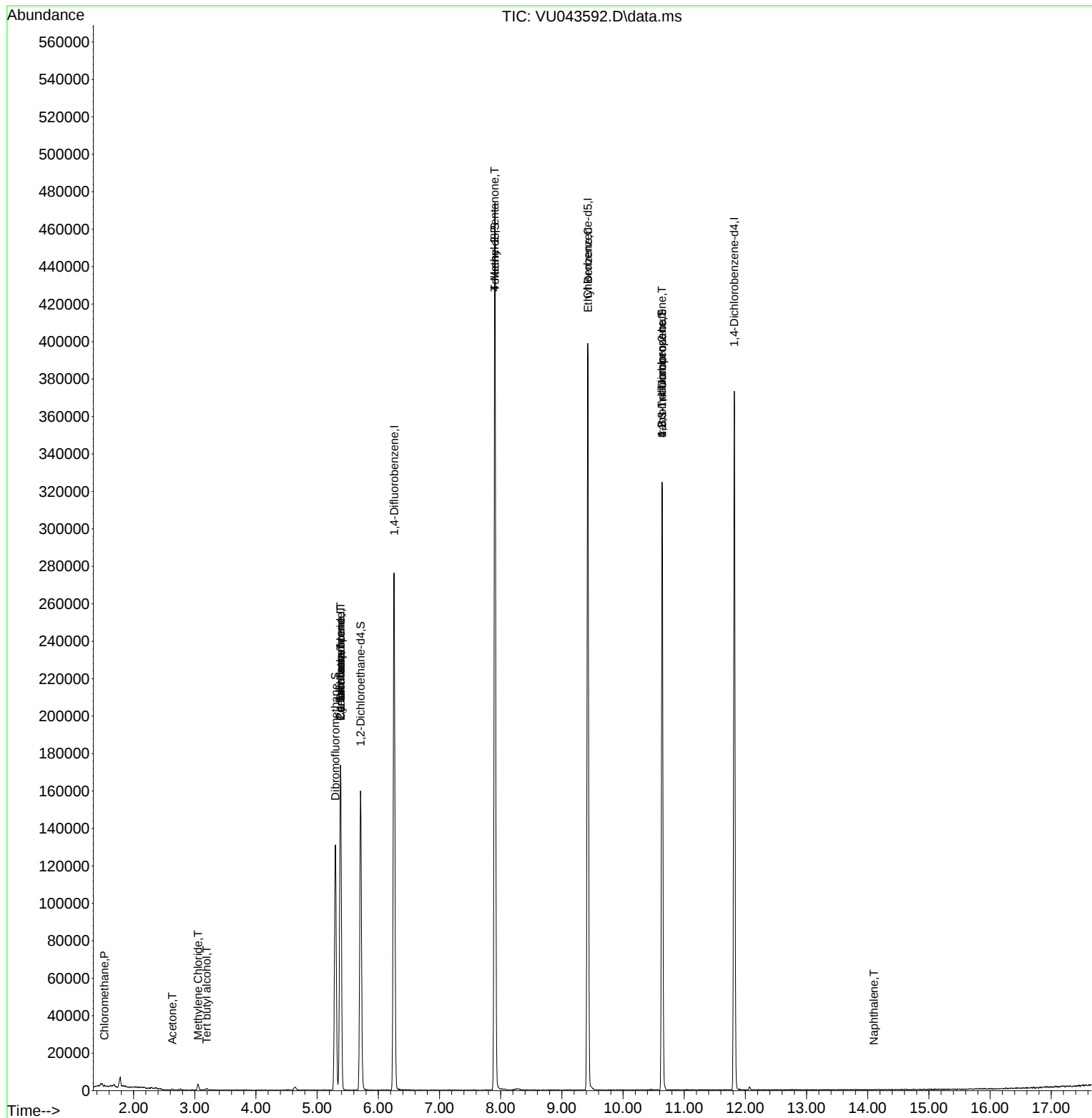
Internal Standards						
1) Pentafluorobenzene	5.382	168	112756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	200832	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	198167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	87578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119644	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	5.298	113	81022	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	7.906	98	285485	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	10.639	95	97787	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	541	0.57	ug/l	93
11) Tert butyl alcohol	3.195	59	693	1.13	ug/l #	73
16) Acetone	2.633	43	785	0.62	ug/l	99
20) Methylene Chloride	3.054	84	1122	0.63	ug/l	86
31) Cyclohexane	5.382	56	3250	1.19	ug/l #	7
36) 1,1-Dichloropropene	5.382	75	10802	4.74	ug/l #	47
38) Carbon Tetrachloride	5.382	117	11490	4.97	ug/l #	17
51) 4-Methyl-2-Pentanone	7.902	43	1908	19.56	ug/l #	1
67) Ethyl Benzene	9.427	91	416	1.50	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	56575	20.32	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	56575	66.16	ug/l #	3
95) Naphthalene	14.102	128	89	1.54	ug/l #	69

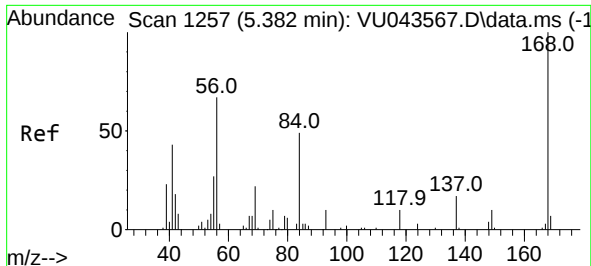
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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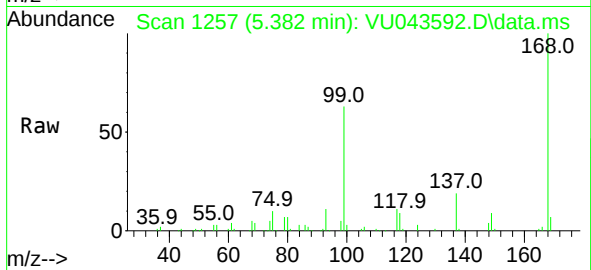
Quant Time: May 07 02:07:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
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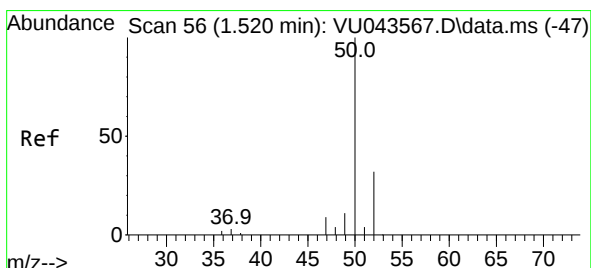
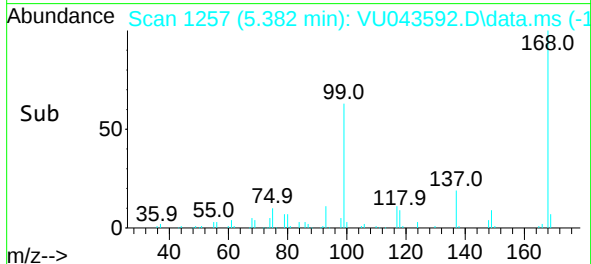
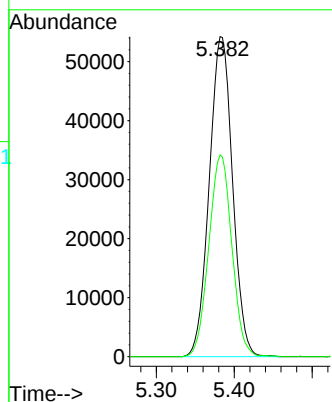


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504

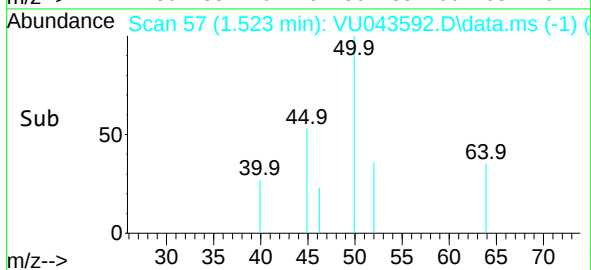
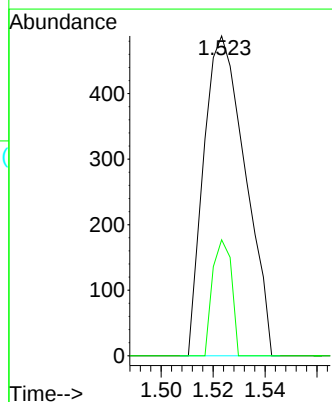
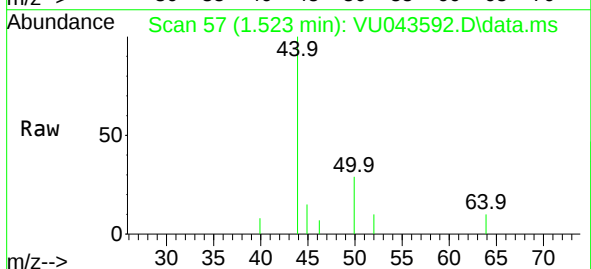


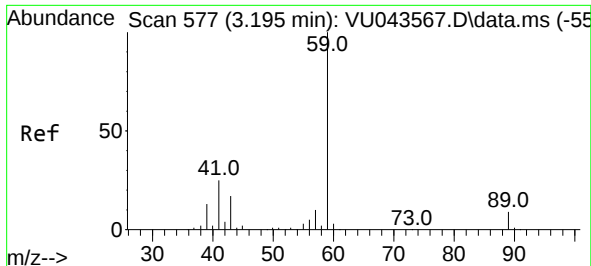
Tgt Ion:168 Resp: 112756
Ion Ratio Lower Upper
168 100
99 63.0 49.0 73.6



#3
Chloromethane
Concen: 0.57 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 36.3 25.9 38.9

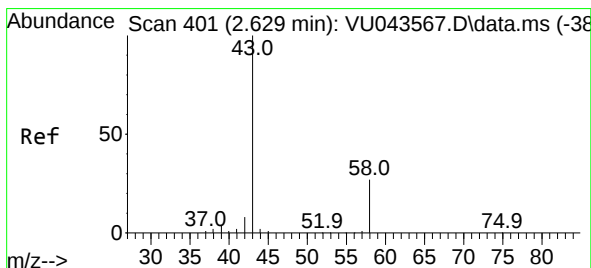
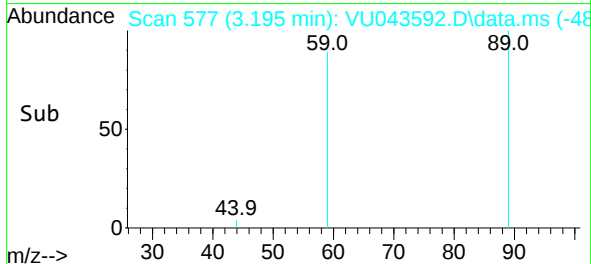
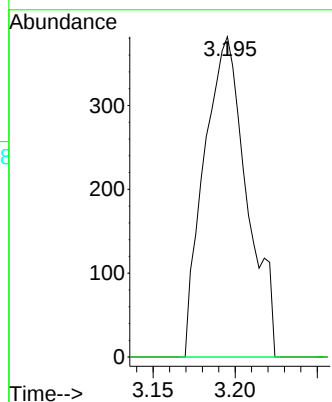
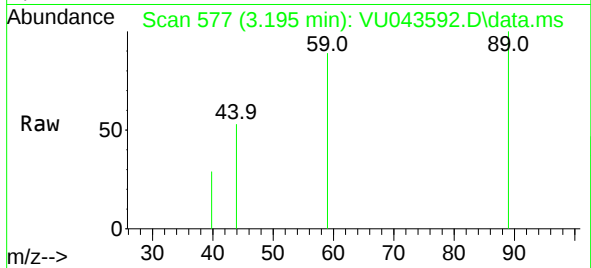




#11
Tert butyl alcohol
Concen: 1.13 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

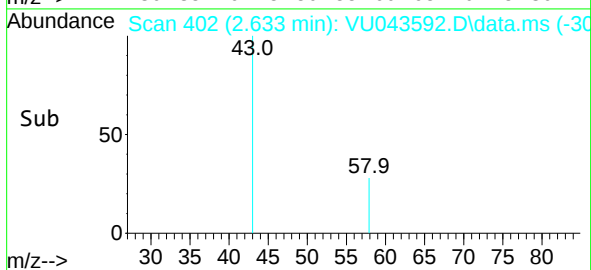
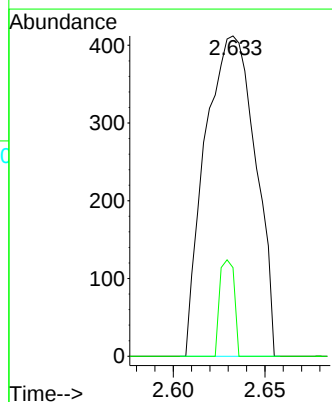
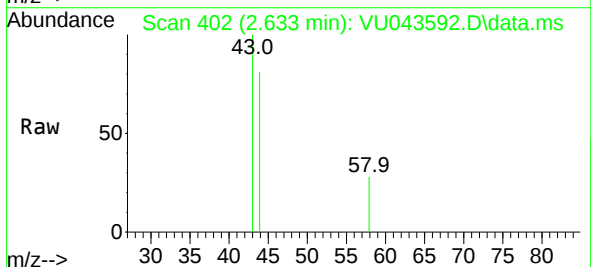
Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504

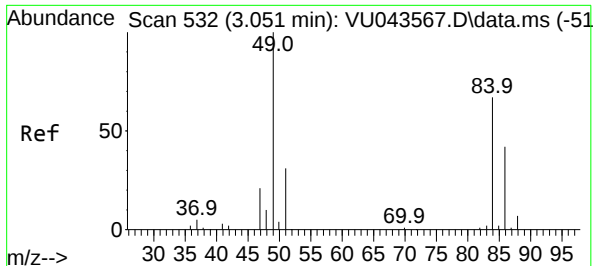
Tgt Ion: 59 Resp: 693
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 0.62 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

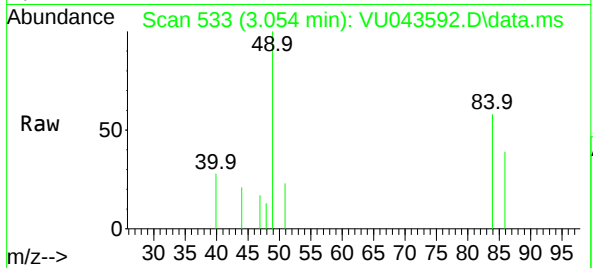
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 27.7 21.7 32.5



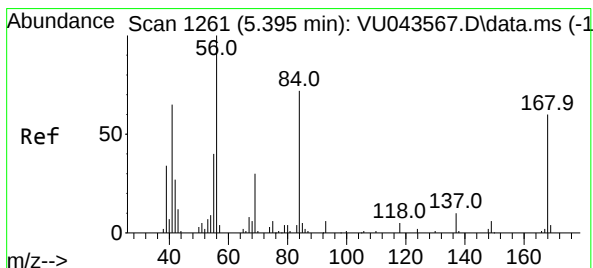
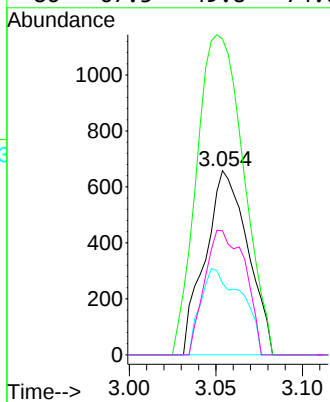
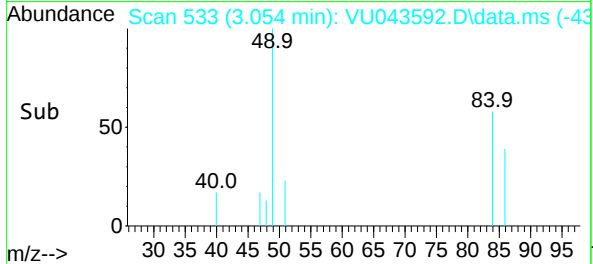


#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

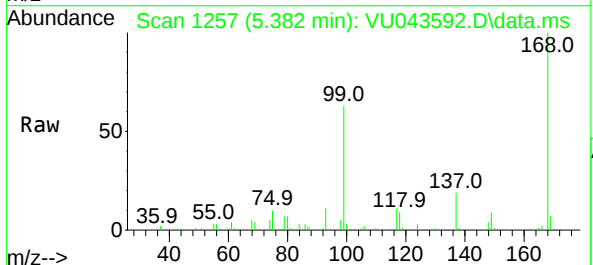
Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504



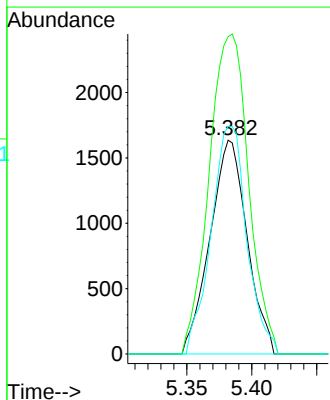
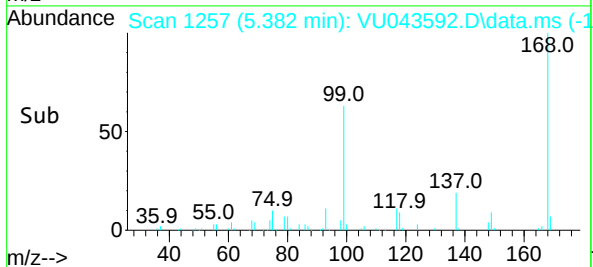
Tgt Ion:	84	Resp:	1122
Ion	Ratio	Lower	Upper
84	100		
49	171.4	119.0	178.4
51	38.8	36.8	55.2
86	67.3	49.8	74.6

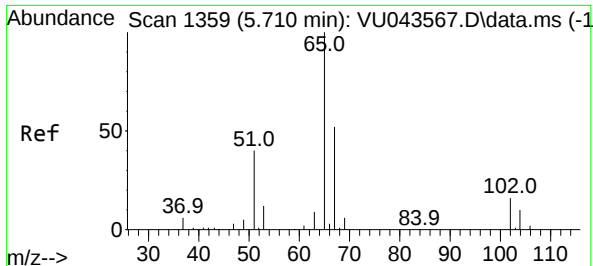


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40



Tgt Ion:	56	Resp:	3250
Ion	Ratio	Lower	Upper
56	100		
69	148.4	23.9	35.9#
84	106.6	57.7	86.5#





#33

1,2-Dichloroethane-d4

Concen: 52.42 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

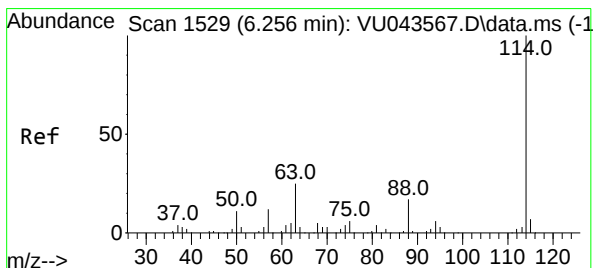
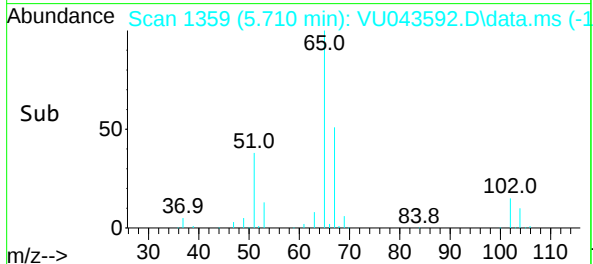
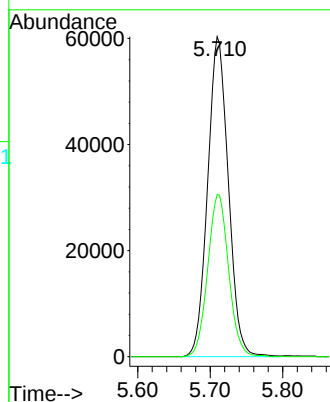
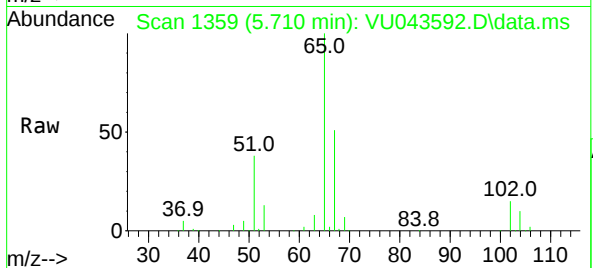
Lab File: VU043592.D

Acq: 06 May 2021 18:40

Tgt Ion: 65 Resp: 119644

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. 0.003 min

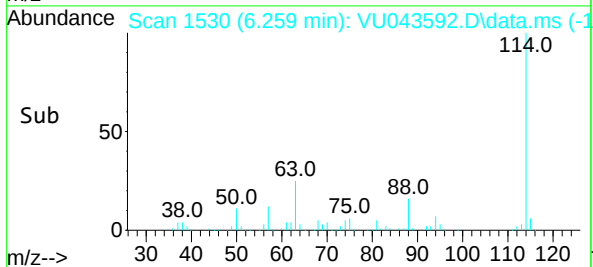
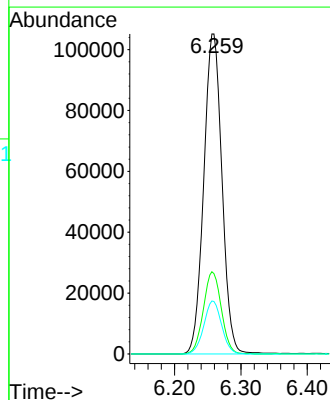
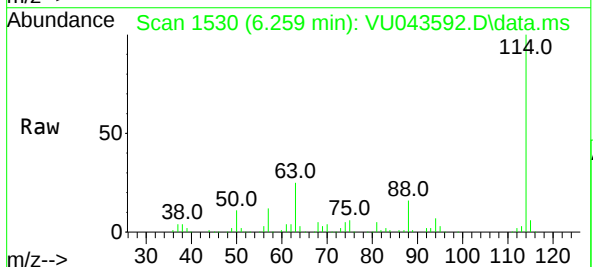
Lab File: VU043592.D

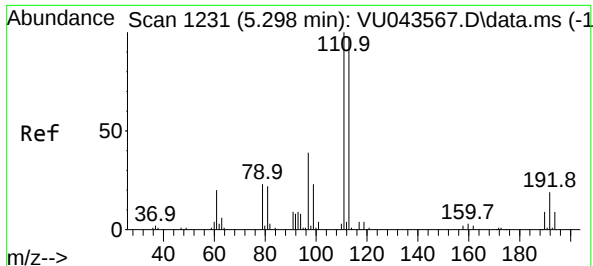
Acq: 06 May 2021 18:40

Tgt Ion: 114 Resp: 200832

Ion Ratio Lower Upper

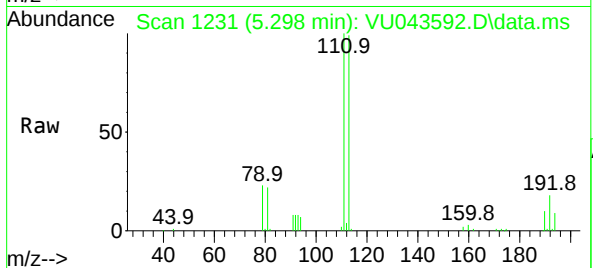
Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	50.2
88	16.4	0.0	33.8



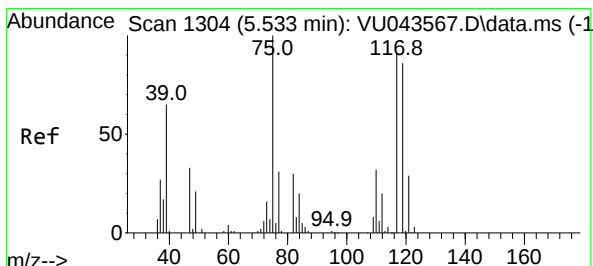
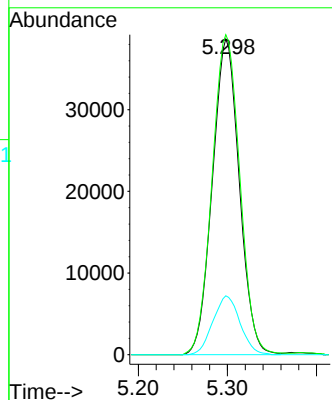
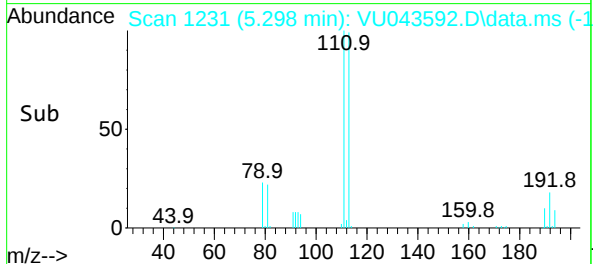


#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

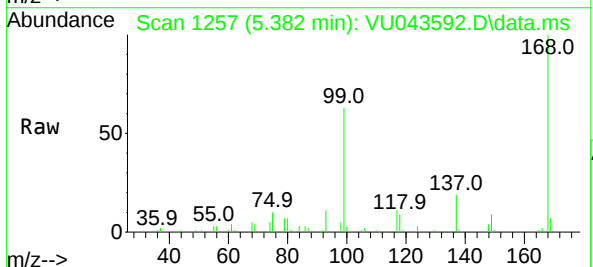
Instrument :
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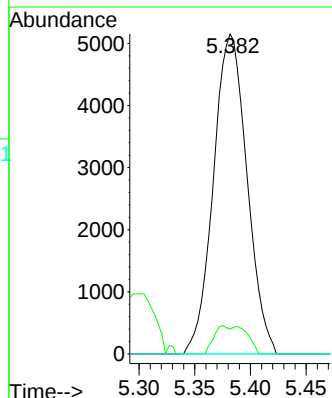
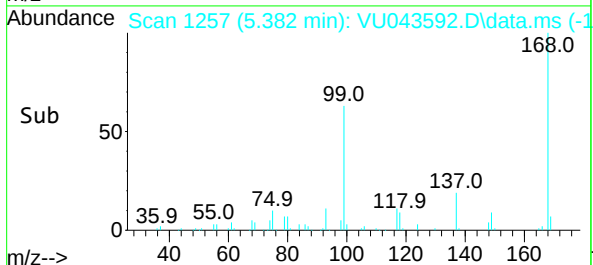
Tgt Ion:113 Resp: 81022
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 18.8 15.8 23.6

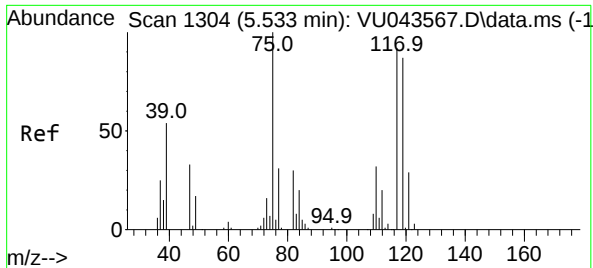


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40



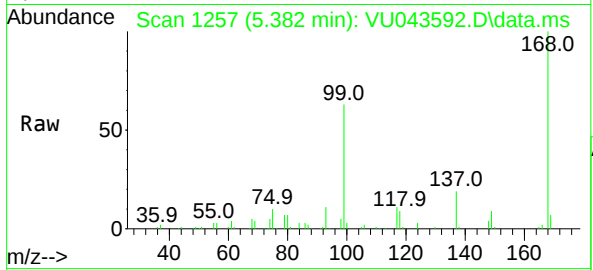
Tgt Ion: 75 Resp: 10802
Ion Ratio Lower Upper
75 100
110 4.3 16.2 48.5#
77 0.0 24.4 36.6#



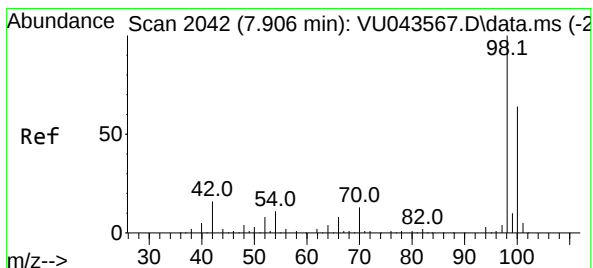
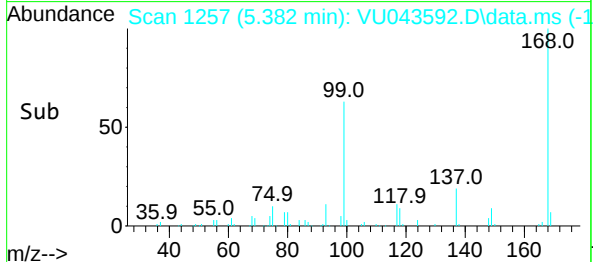
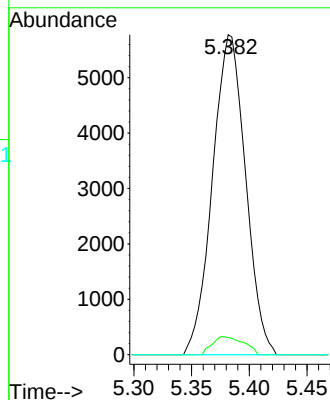


#38
Carbon Tetrachloride
Concen: 4.97 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504

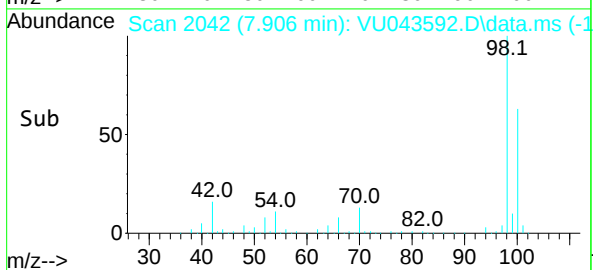
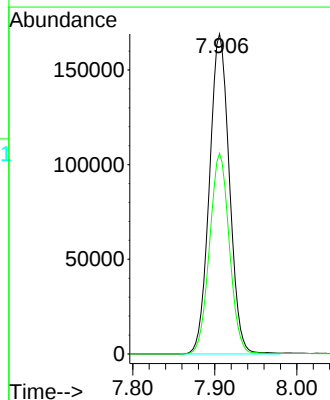
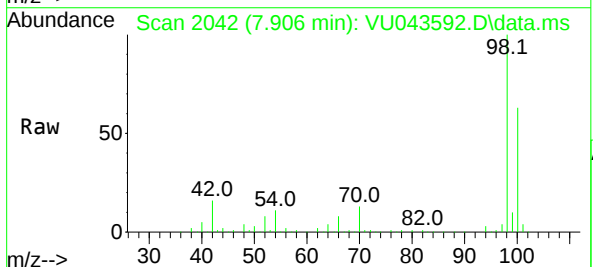


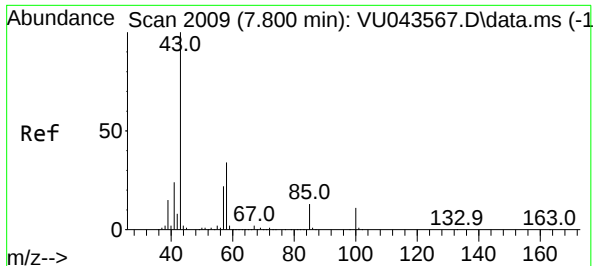
Tgt Ion: 117 Resp: 11490
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 50.27 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Tgt Ion: 98 Resp: 285485
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

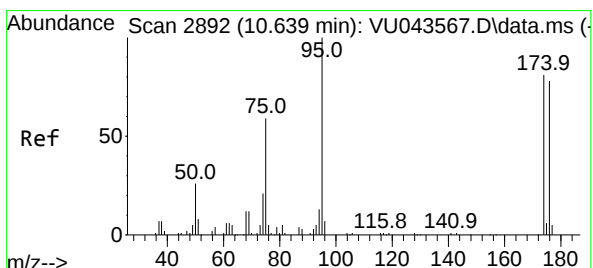
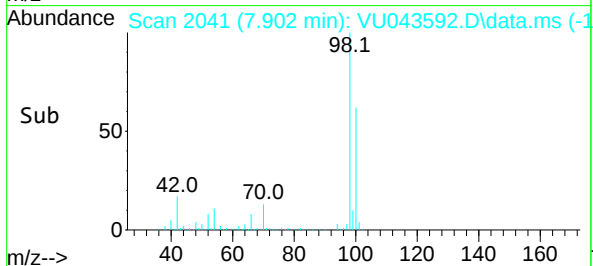
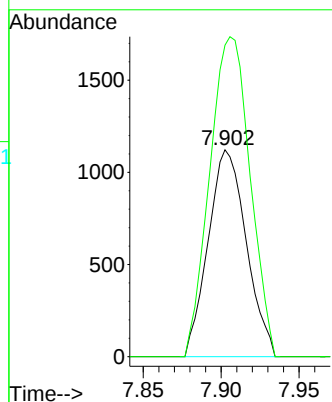
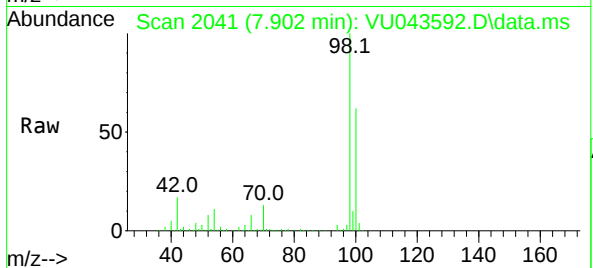




#51
4-Methyl-2-Pentanone
Concen: 19.56 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

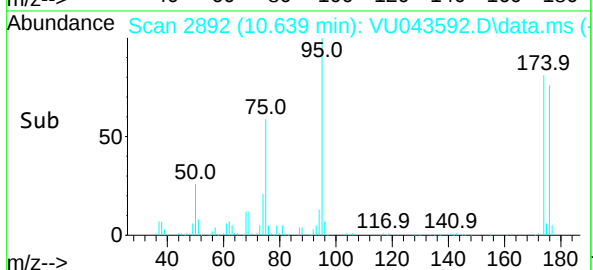
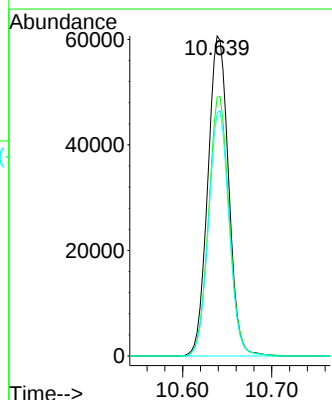
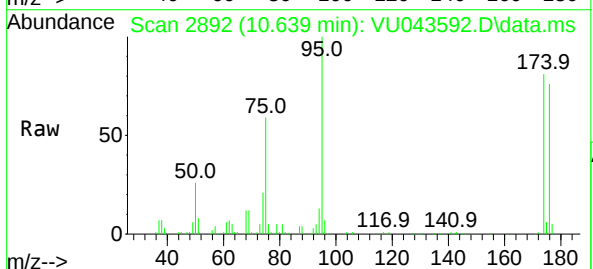
Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504

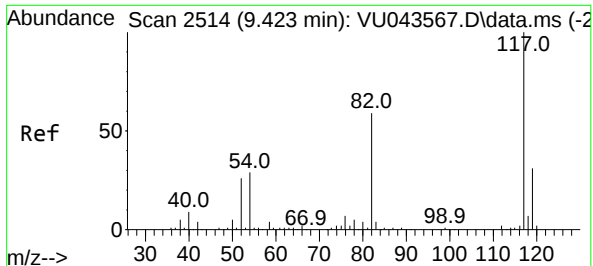
Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 163.9 27.2 40.8#



#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Tgt Ion: 95 Resp: 97787
Ion Ratio Lower Upper
95 100
174 80.6 0.0 158.8
176 75.8 0.0 155.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.423 min Scan# 2514

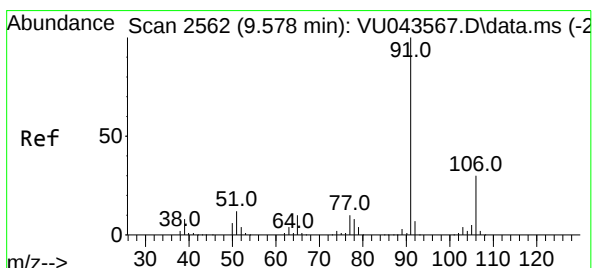
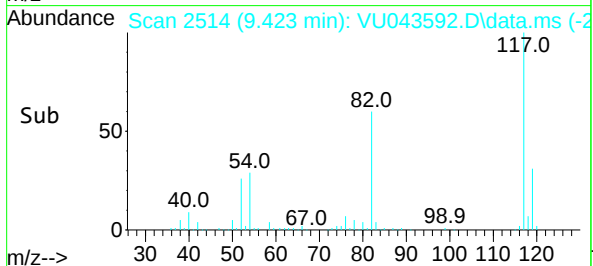
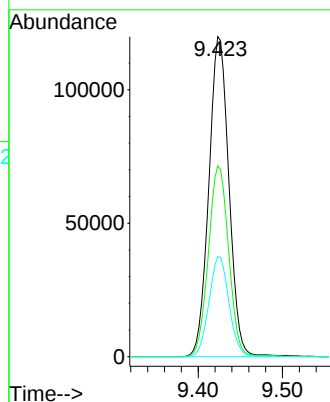
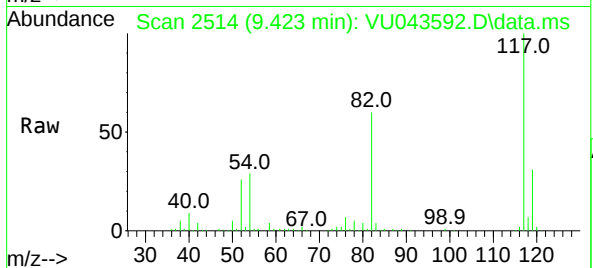
Delta R.T. 0.000 min

Lab File: VU043592.D

Acq: 06 May 2021 18:40

Tgt Ion:	117	Resp:	198167
Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.5	71.3
119	31.3	24.7	37.1

Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504



#67

Ethyl Benzene

Concen: 1.50 ug/l

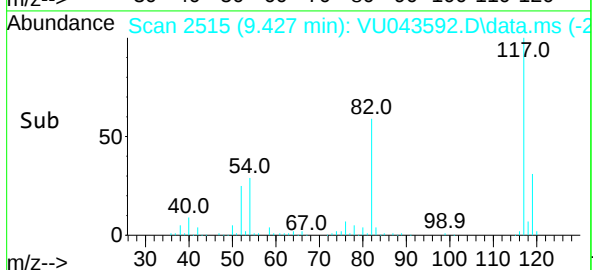
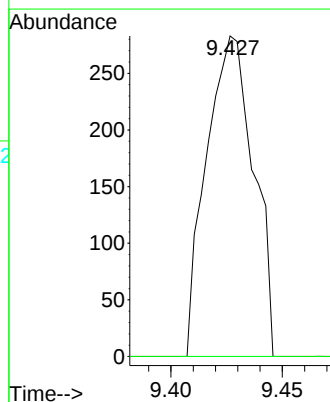
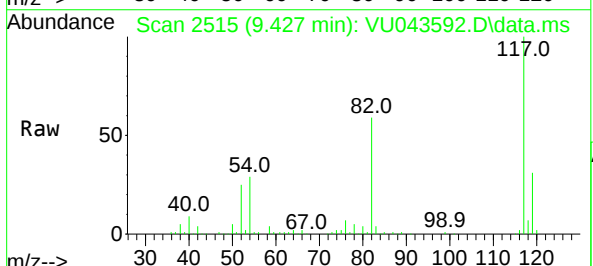
RT: 9.427 min Scan# 2515

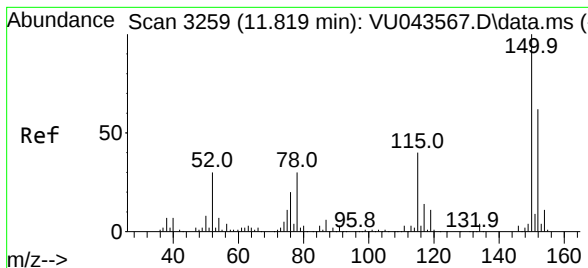
Delta R.T. -0.151 min

Lab File: VU043592.D

Acq: 06 May 2021 18:40

Tgt Ion:	91	Resp:	416
Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.0	36.0#

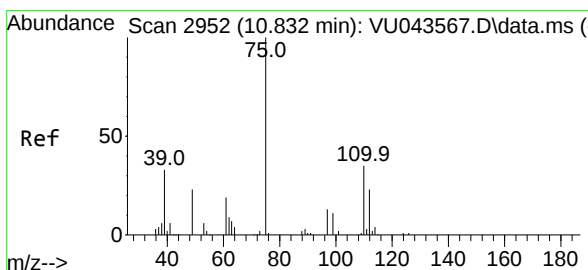
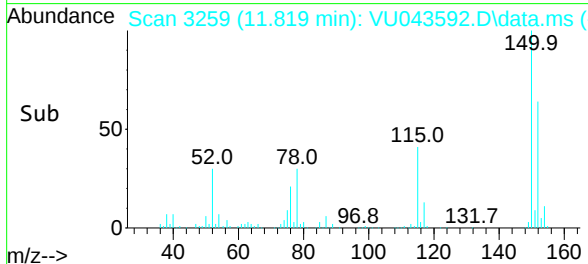
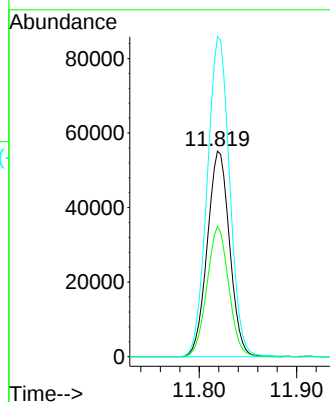
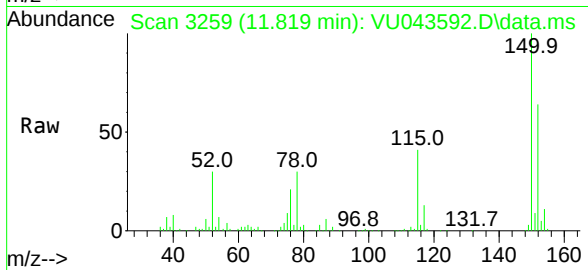




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

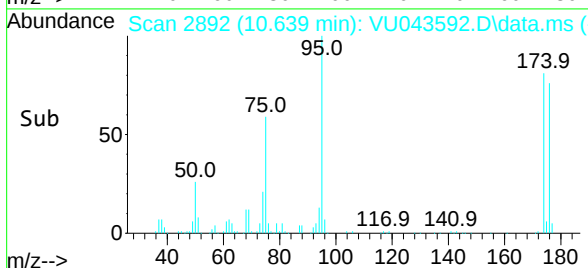
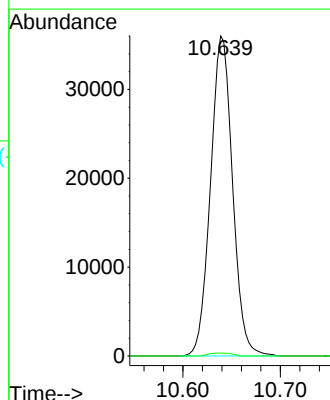
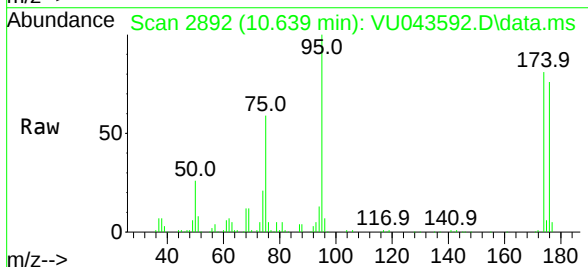
Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504

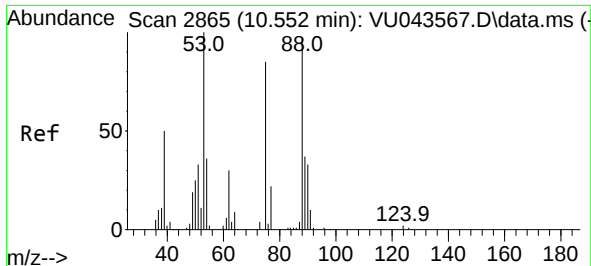
Tgt Ion:152 Resp: 87578
Ion Ratio Lower Upper
152 100
115 61.8 46.1 138.3
150 156.9 0.0 361.0



#76
1,2,3-Trichloropropane
Concen: 20.32 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Tgt Ion: 75 Resp: 56575
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#

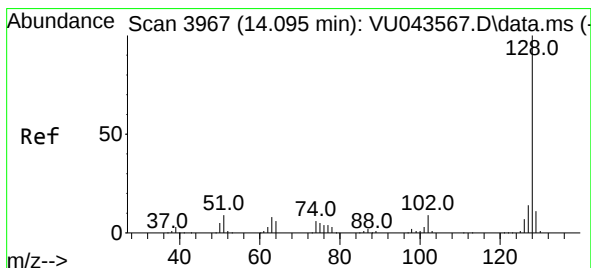
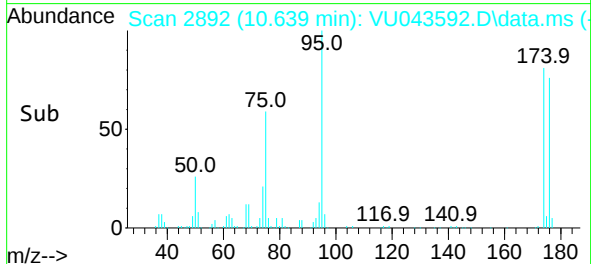
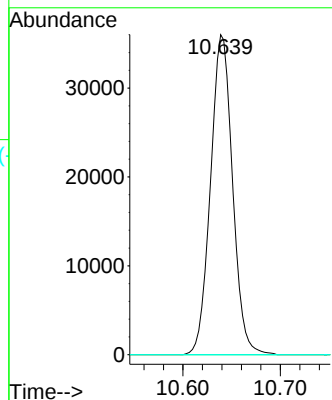
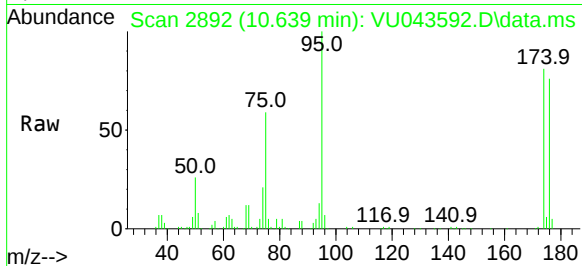




#81
trans-1,4-Dichloro-2-butene
Concen: 66.16 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
CAL-TB01-20210504

Tgt Ion: 75 Resp: 56575
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#



#95
Naphthalene
Concen: 1.54 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043592.D
Acq: 06 May 2021 18:40

Tgt Ion: 128 Resp: 89
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

