

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044189.D
 Acq On : 14 Jun 2021 18:15
 Operator : SY/MD
 Sample : M2672-33
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

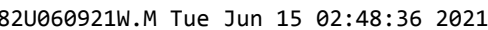
Instrument :
 MSVOA_U
 ClientSampleId :

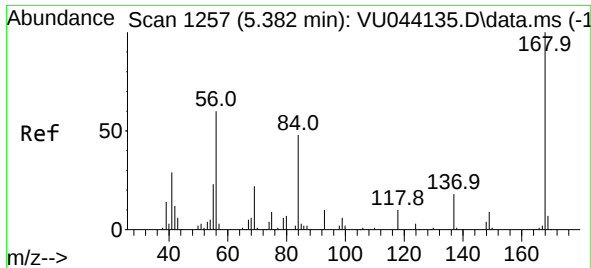
Quant Time: Jun 15 02:48:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.385	168	163620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	298599	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	295716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	140642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	133121	51.161	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.320%	
35) Dibromofluoromethane	5.298	113	99782	48.038	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.080%	
50) Toluene-d8	7.906	98	397886	49.878	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.760%	
62) 4-Bromofluorobenzene	10.639	95	141670	44.315	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	406	Below Cal		98
6) Chloroethane	1.961	64	56	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	1327	1.896	ug/l #	73
16) Acetone	2.655	43	12734	7.400	ug/l	96
18) Methyl Acetate	2.967	43	1393	0.416	ug/l #	73
20) Methylene Chloride	3.057	84	8838	2.633	ug/l	97
25) 2-Butanone	4.726	43	3857	1.776	ug/l	99
29) Tetrahydrofuran	5.076	42	699	0.592	ug/l #	40
31) Cyclohexane	5.382	56	3703	1.008	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	15232	4.585	ug/l #	49
38) Carbon Tetrachloride	5.382	117	17717	5.907	ug/l #	16
43) Isopropyl Acetate	5.922	43	17655	3.128	ug/l	99
45) 1,2-Dichloropropane	7.047	63	1525	0.570	ug/l #	43
48) Methyl methacrylate	6.906	41	6733	2.451	ug/l #	11
49) 1,4-Dioxane	7.047	88	92	1.281	ug/l #	1
51) 4-Methyl-2-Pentanone	7.745	43	53788	13.167	ug/l #	44
54) cis-1,3-Dichloropropene	7.748	75	29621	7.398	ug/l #	64
57) 1,3-Dichloropropane	8.735	76	21828	5.020	ug/l #	42
59) 2-Hexanone	8.735	43	274348	84.150	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	72363	15.346	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	72363	55.629	ug/l #	13
95) Naphthalene	14.098	128	207	2.856	ug/l #	69

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

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Response via : Initial Calibration

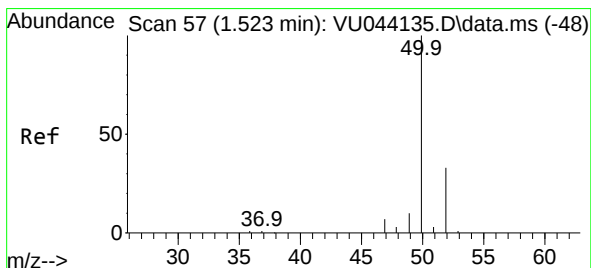
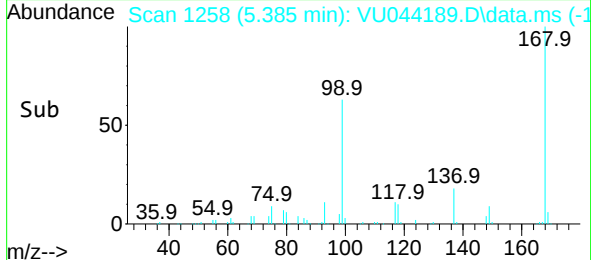
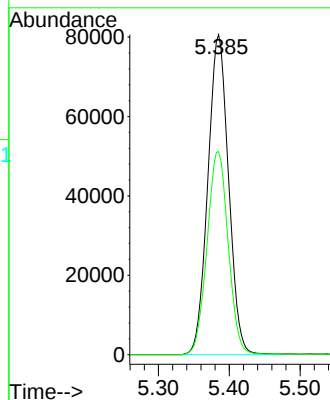
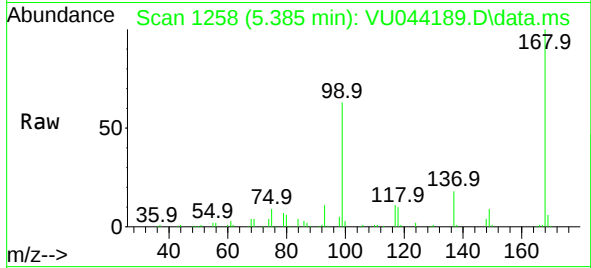




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

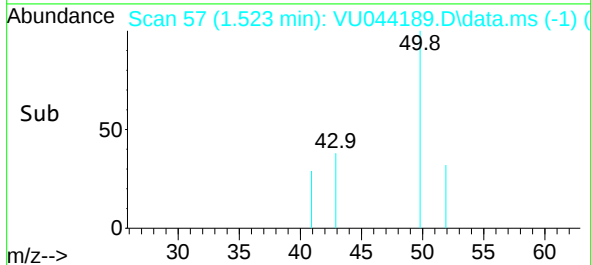
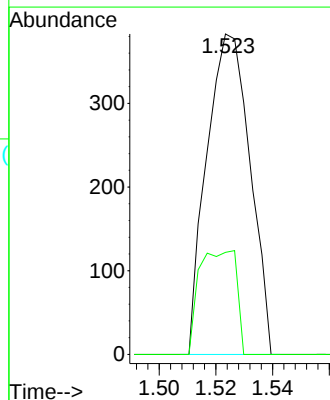
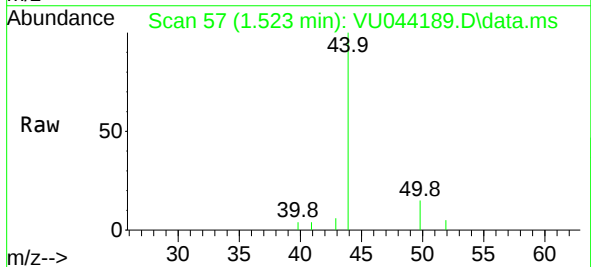
Instrument :
MSVOA_U
ClientSampleId :

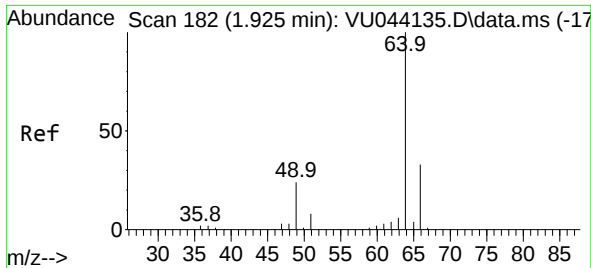
Tgt Ion:168 Resp: 163620
Ion Ratio Lower Upper
168 100
99 63.4 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 31.9 26.6 39.8

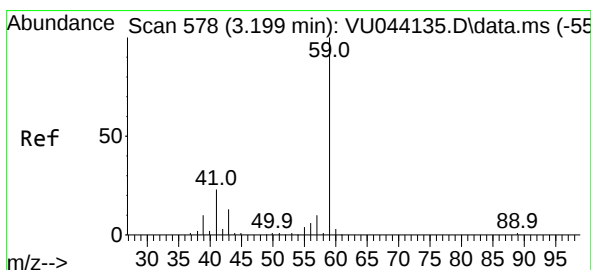
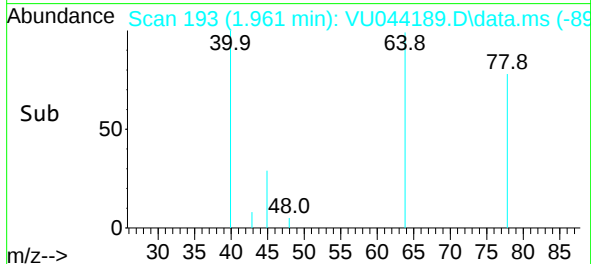
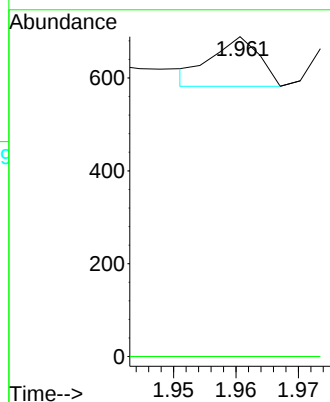
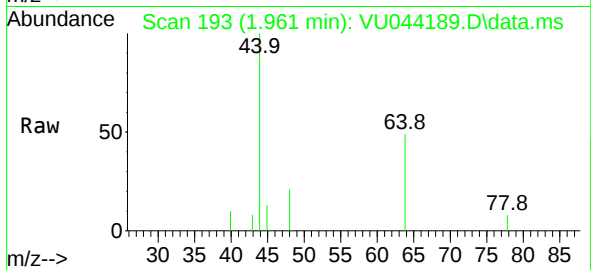




#6
Chloroethane
Concen: Below Cal
RT: 1.961 min Scan# 193
Delta R.T. 0.036 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

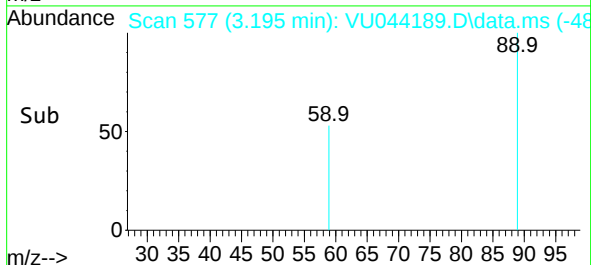
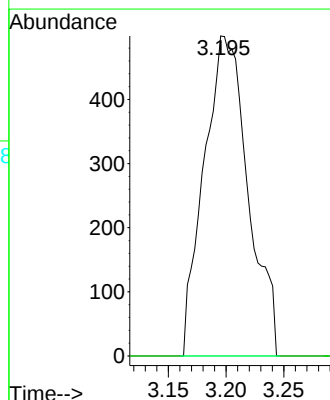
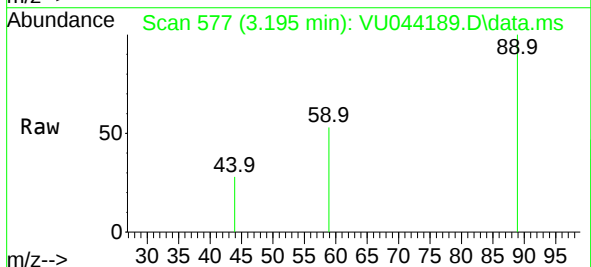
Instrument :
MSVOA_U
ClientSampled :

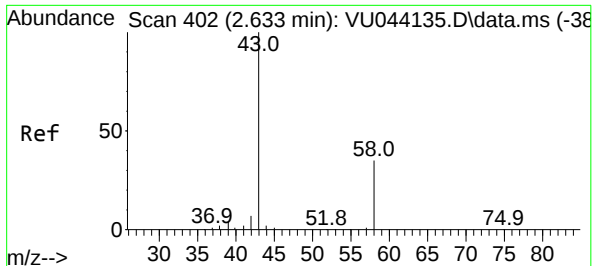
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 1.896 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.004 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

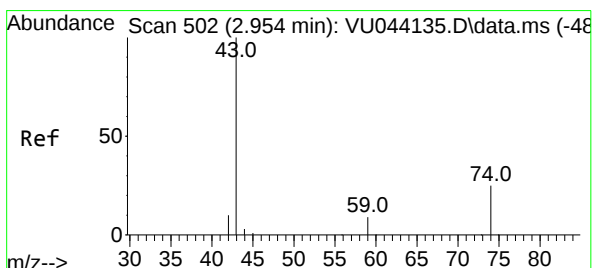
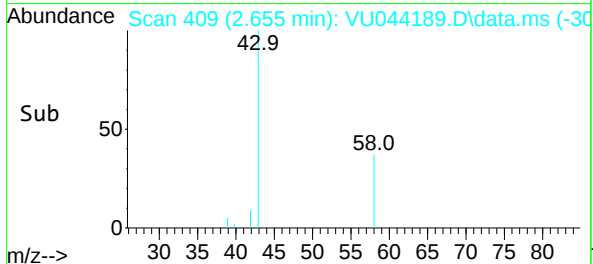
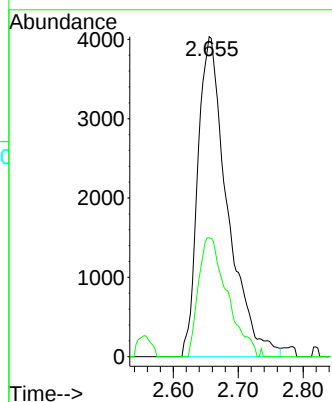
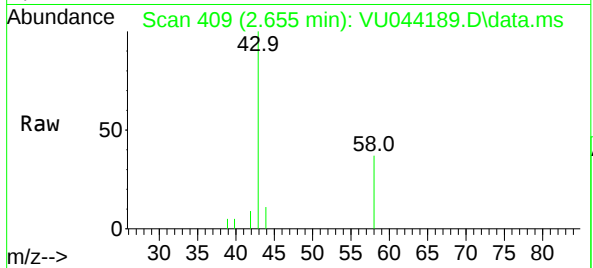




#16
Acetone
Concen: 7.400 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

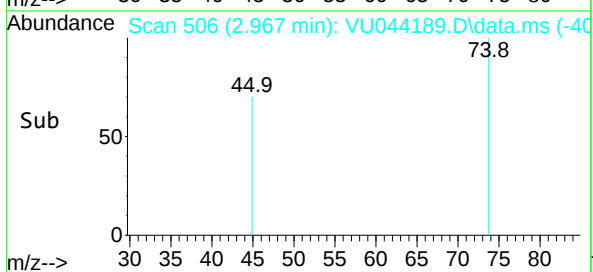
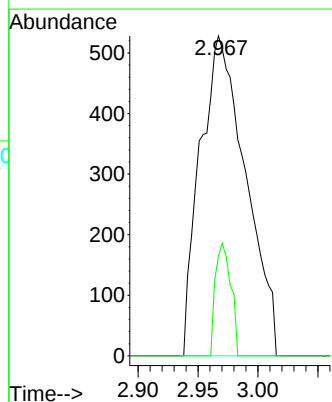
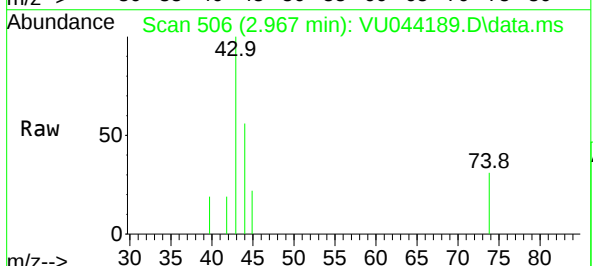
Instrument :
MSVOA_U
ClientSampled :

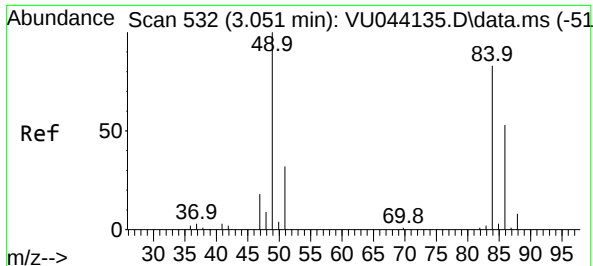
Tgt Ion: 43 Resp: 12734
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0



#18
Methyl Acetate
Concen: 0.416 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

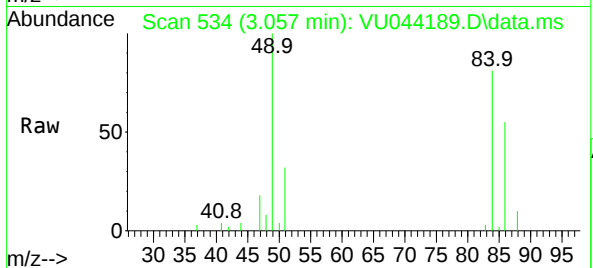
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
74 11.8 20.3 30.5#





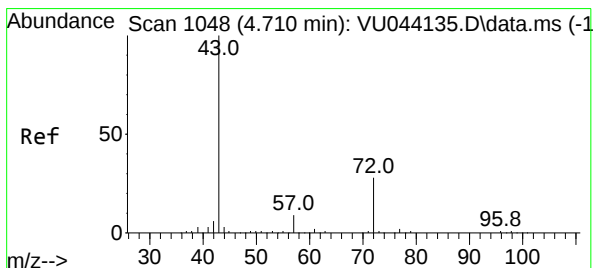
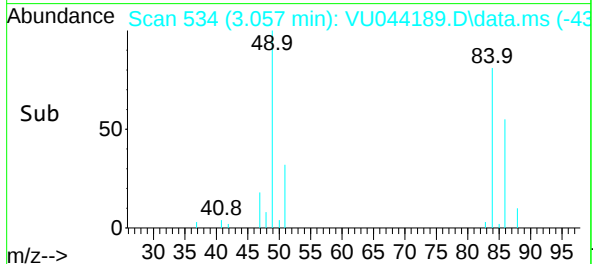
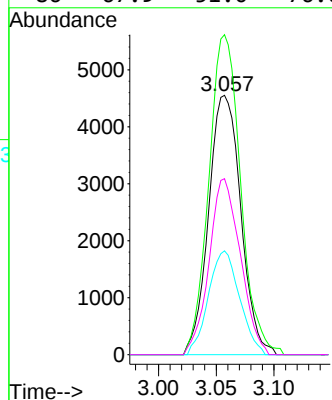
#20
Methylene Chloride
Concen: 2.633 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 8838

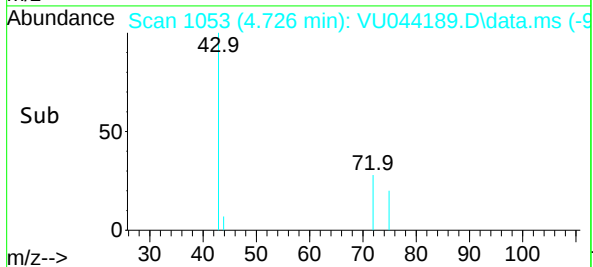
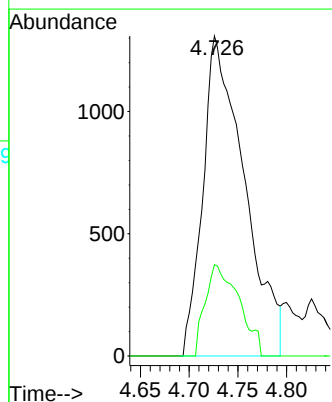
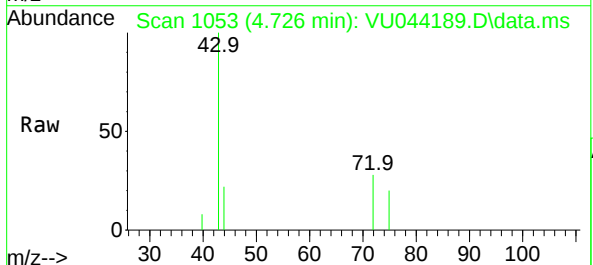
Ion	Ratio	Lower	Upper
84	100		
49	123.4	96.9	145.3
51	40.0	31.0	46.6
86	67.9	51.0	76.6

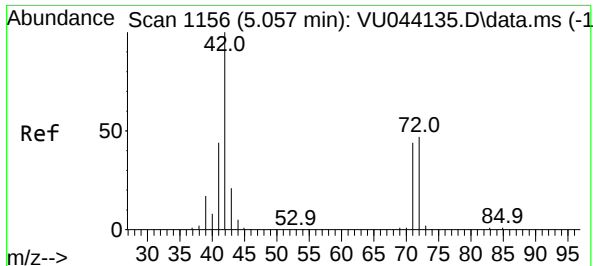


#25
2-Butanone
Concen: 1.776 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 43 Resp: 3857

Ion	Ratio	Lower	Upper
43	100		
72	28.5	22.6	33.8





#29

Tetrahydrofuran

Concen: 0.592 ug/l

RT: 5.076 min Scan# 1162

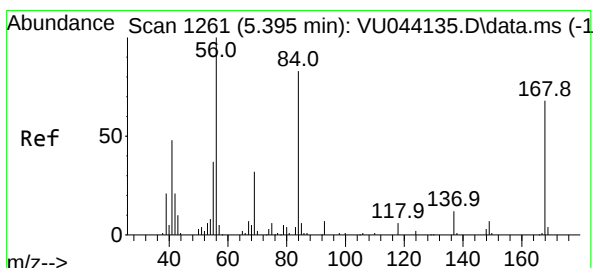
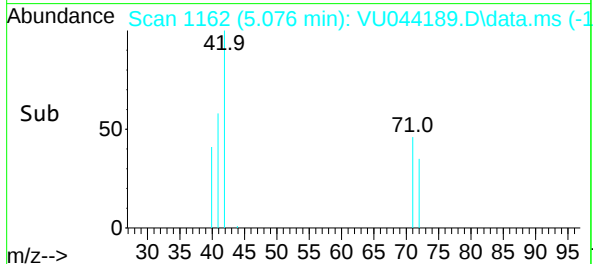
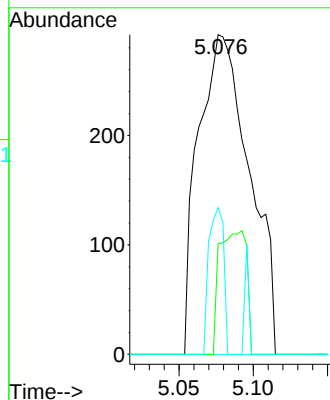
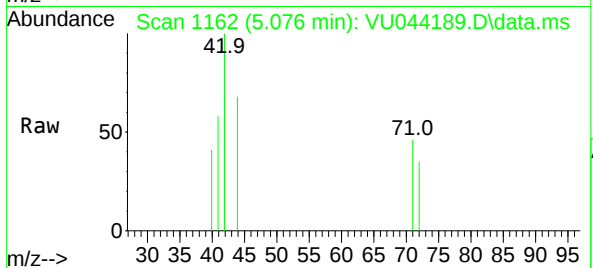
Delta R.T. 0.019 min

Lab File: VU044189.D

Acq: 14 Jun 2021 18:15

Tgt Ion:	42	Resp:	699
Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.6	57.8#
71	13.3	35.5	53.3#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 1.008 ug/l

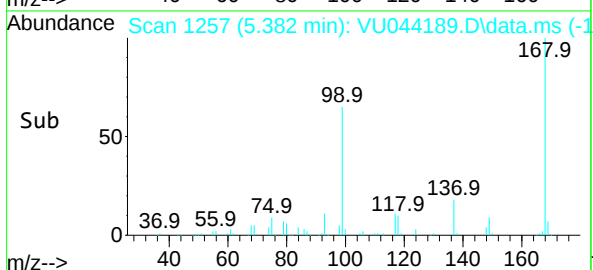
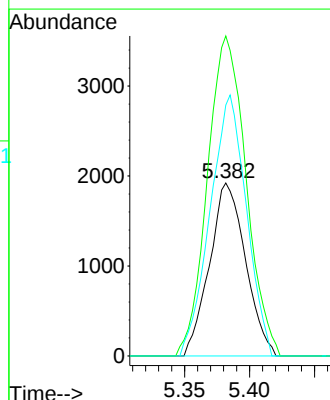
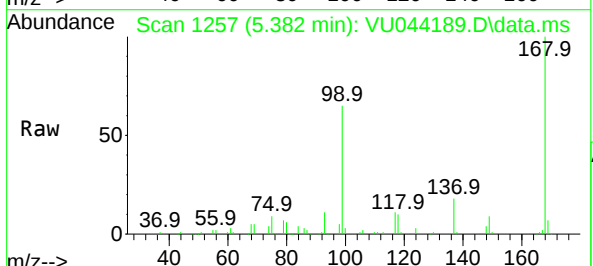
RT: 5.382 min Scan# 1257

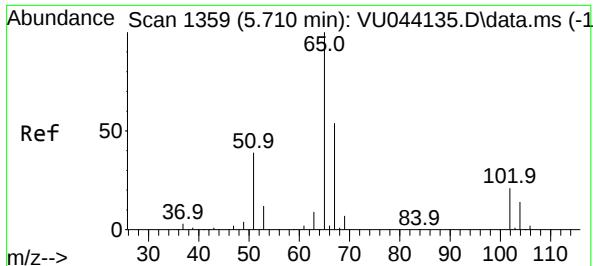
Delta R.T. -0.013 min

Lab File: VU044189.D

Acq: 14 Jun 2021 18:15

Tgt Ion:	56	Resp:	3703
Ion	Ratio	Lower	Upper
56	100		
69	185.1	25.5	38.3#
84	145.1	66.3	99.5#



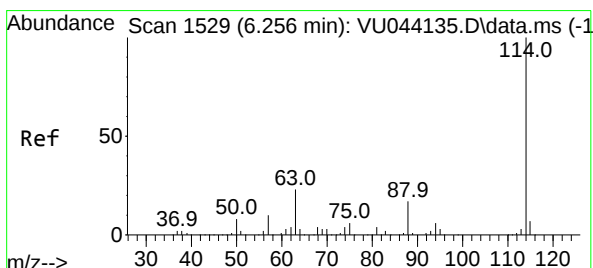
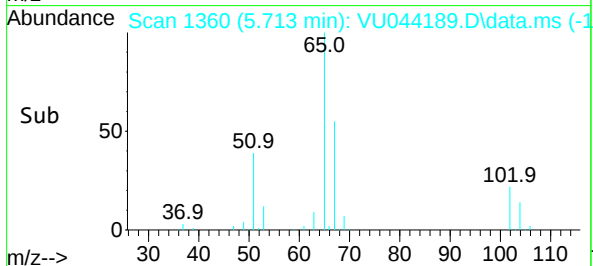
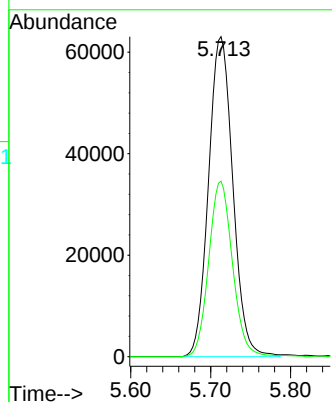
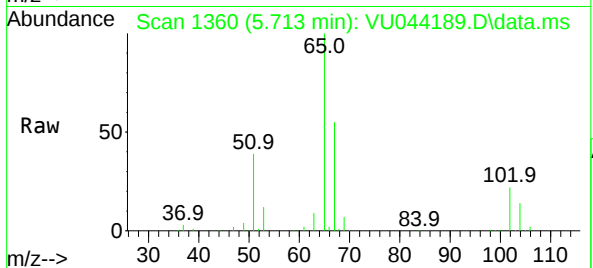


#33

1,2-Dichloroethane-d4
Concen: 51.161 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Instrument :
MSVOA_U
ClientSampled :

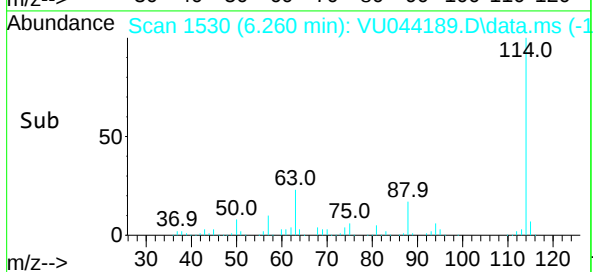
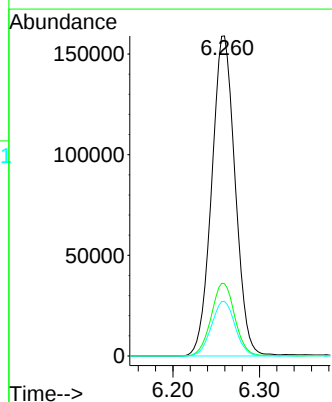
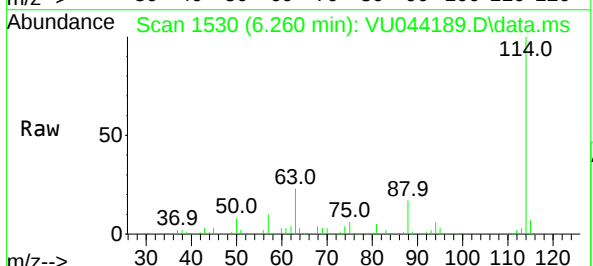
Tgt Ion: 65 Resp: 133121
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

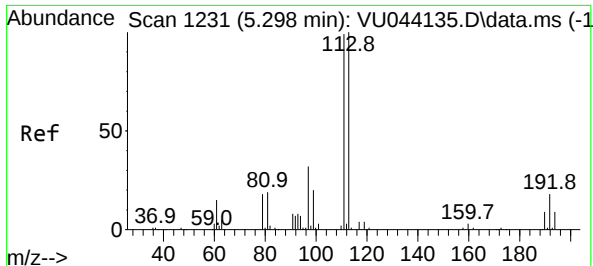


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.004 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

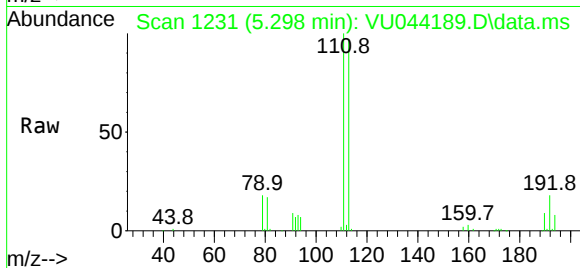
Tgt Ion: 114 Resp: 298599
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.8
88 17.1 0.0 34.0



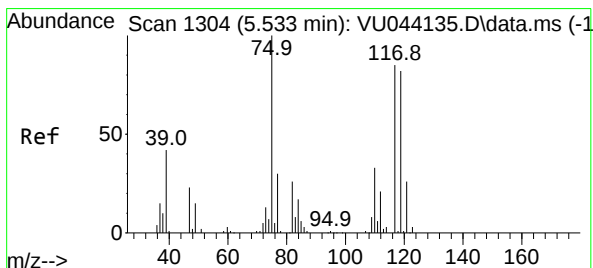
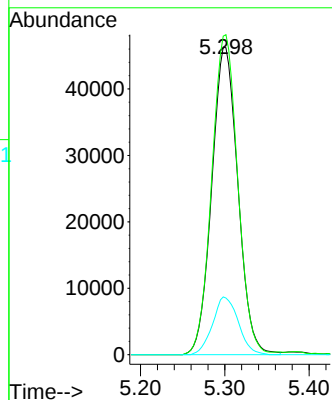
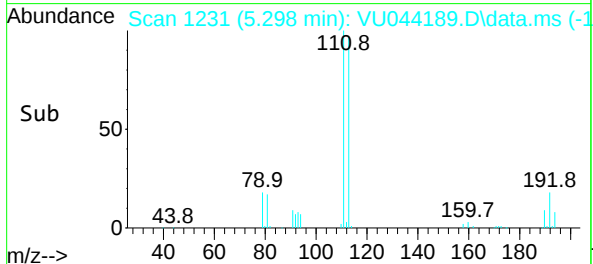


#35
Dibromofluoromethane
Concen: 48.038 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

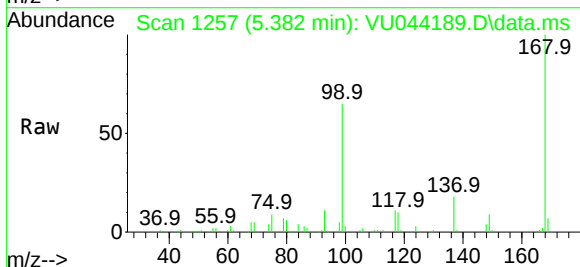
Instrument :
MSVOA_U
ClientSampleId :



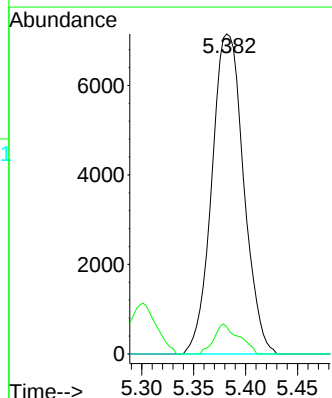
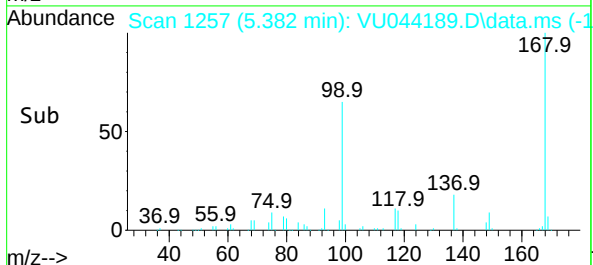
Tgt Ion:113 Resp: 99782
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.4
192 18.5 14.3 21.5

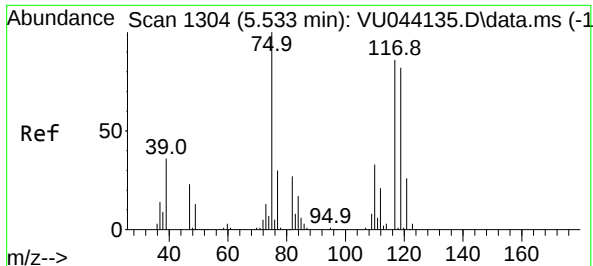


#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15



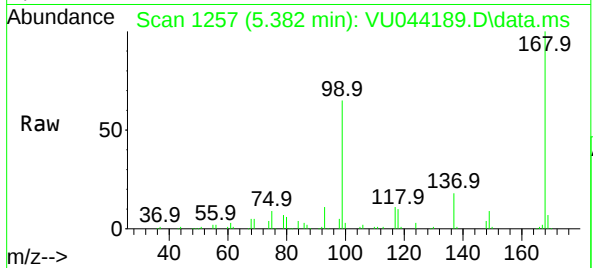
Tgt Ion: 75 Resp: 15232
Ion Ratio Lower Upper
75 100
110 7.2 16.4 49.4#
77 0.0 24.7 37.1#



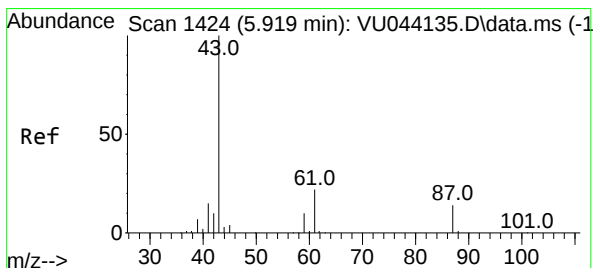
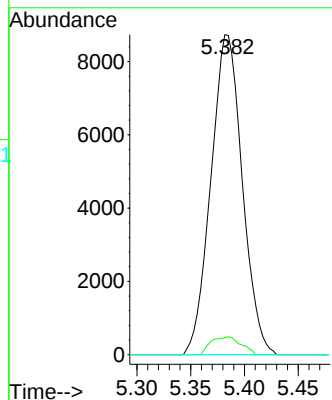
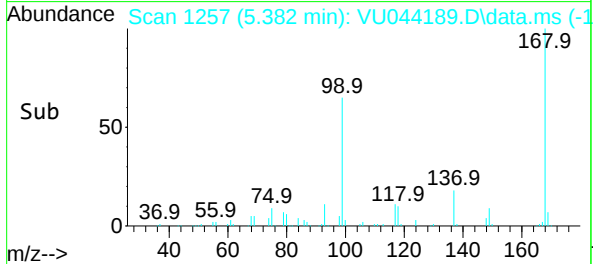


#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

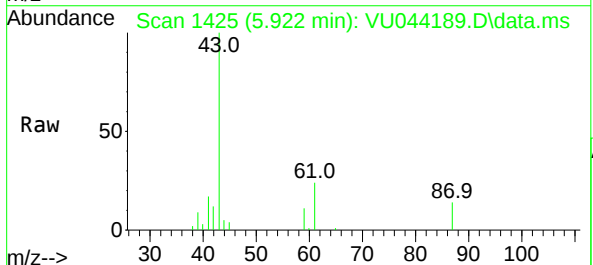
Instrument :
MSVOA_U
ClientSampleId :



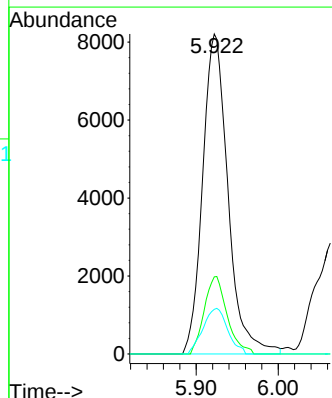
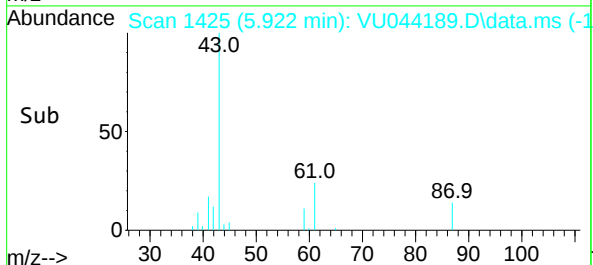
Tgt Ion:117 Resp: 17717
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 24.6 36.8#

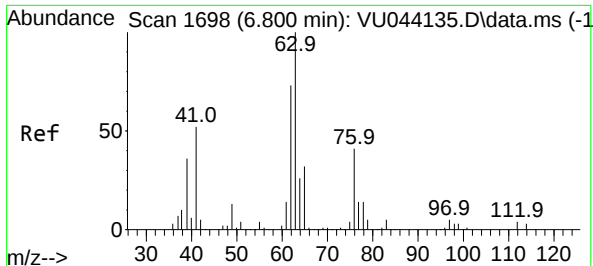


#43
Isopropyl Acetate
Concen: 3.128 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15



Tgt Ion: 43 Resp: 17655
Ion Ratio Lower Upper
43 100
61 21.9 17.8 26.8
87 13.8 11.1 16.7



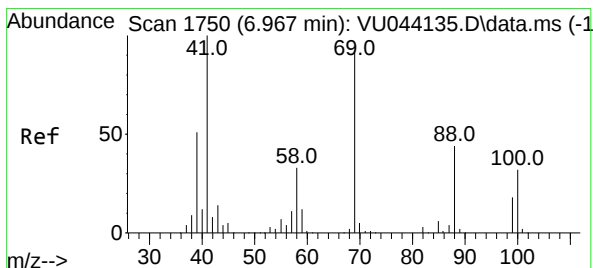
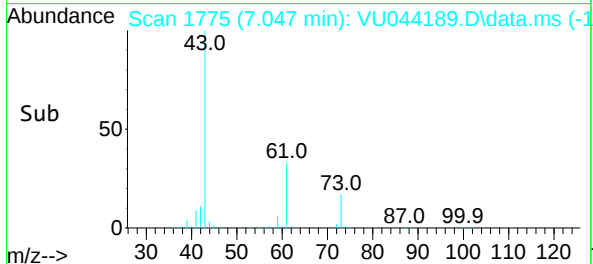
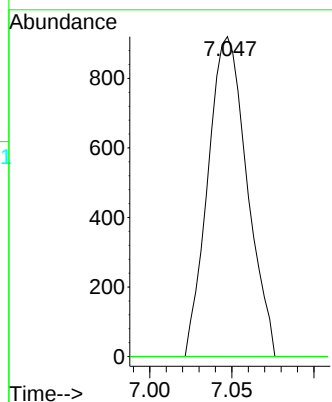
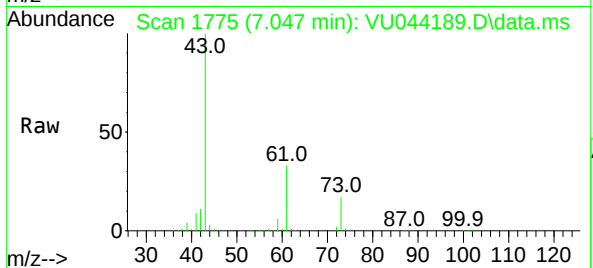


#45

1,2-Dichloropropane
Concen: 0.570 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Instrument :
MSVOA_U
ClientSampled :

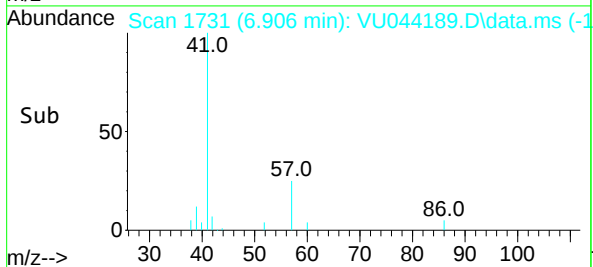
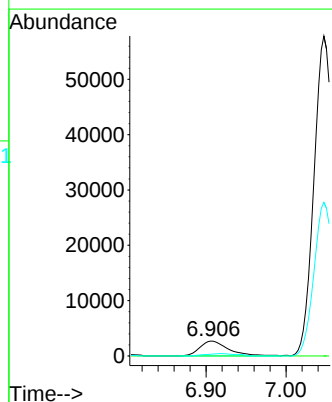
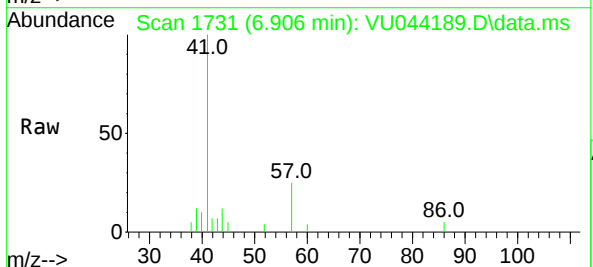
Tgt Ion: 63 Resp: 1525
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

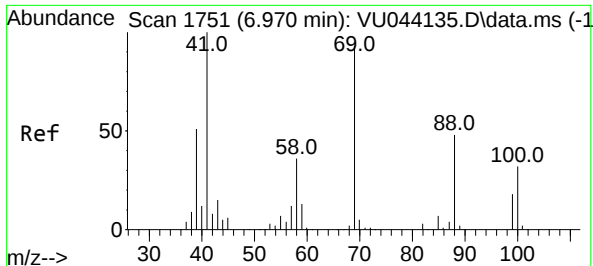


#48

Methyl methacrylate
Concen: 2.451 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 41 Resp: 6733
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#





#49

1,4-Dioxane

Concen: 1.281 ug/l

RT: 7.047 min Scan# 1775

Delta R.T. 0.077 min

Lab File: VU044189.D

Acq: 14 Jun 2021 18:15

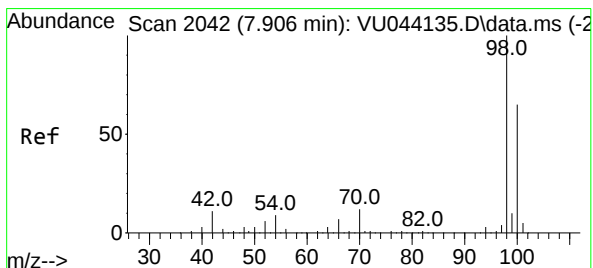
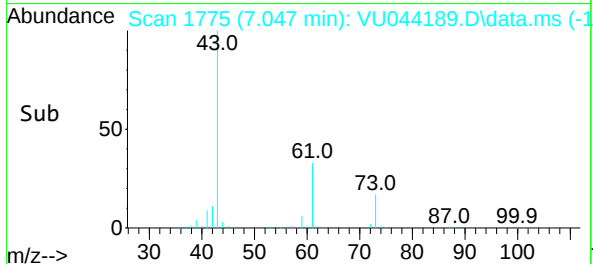
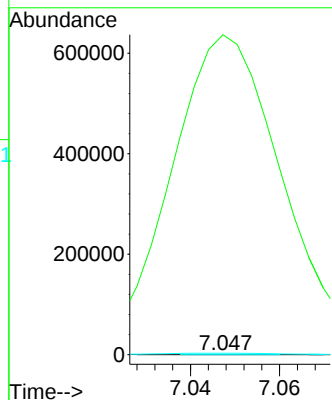
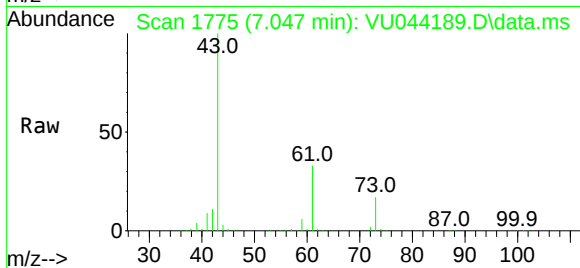
Tgt Ion: 88 Resp: 92

Ion Ratio Lower Upper

88 100

43 1264260.9 23.4 35.0#

58 6748.9 58.1 87.1#



#50

Toluene-d8

Concen: 49.878 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044189.D

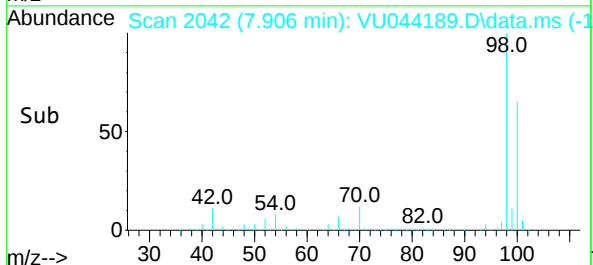
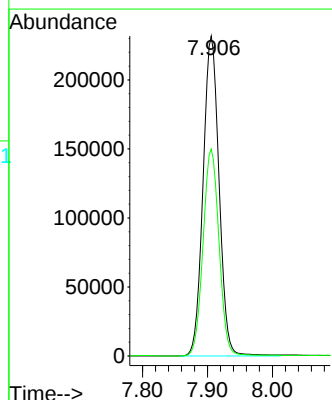
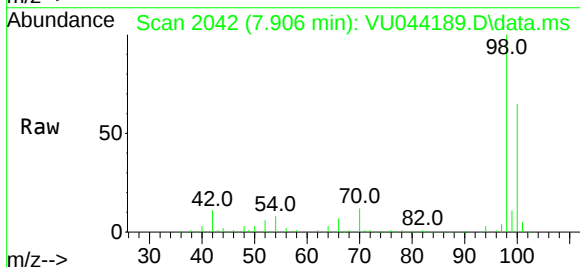
Acq: 14 Jun 2021 18:15

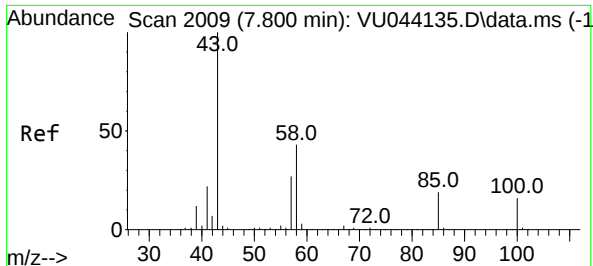
Tgt Ion: 98 Resp: 397886

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4

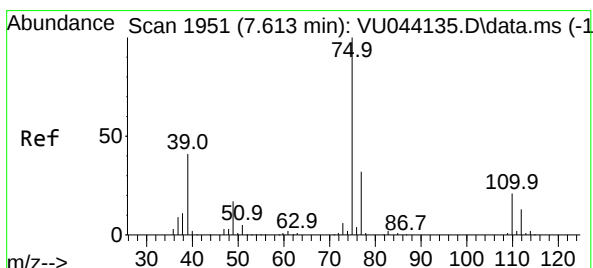
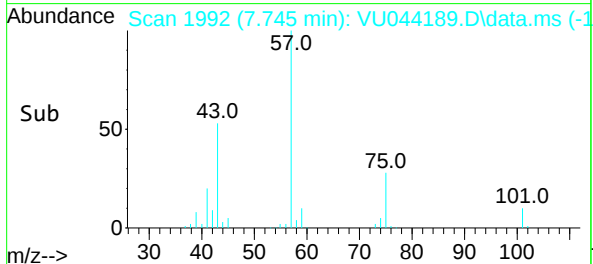
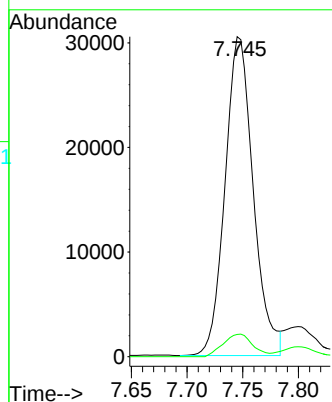
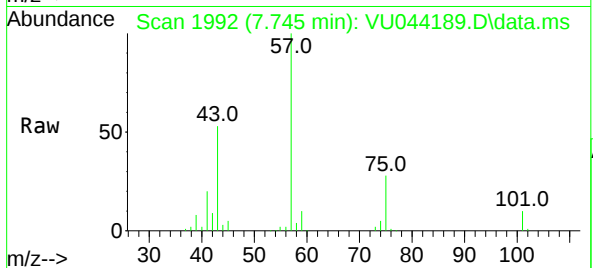




#51
4-Methyl-2-Pentanone
Concen: 13.167 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. -0.055 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

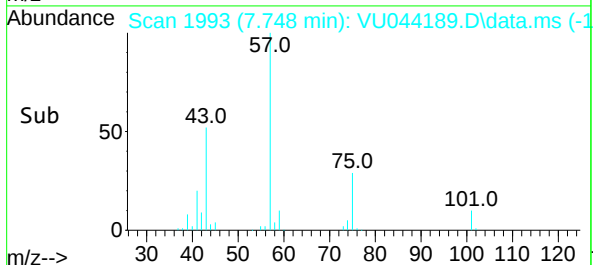
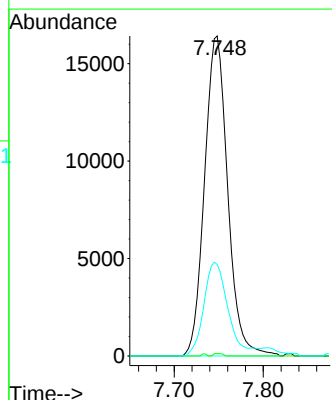
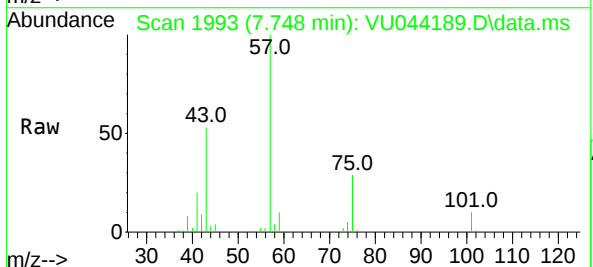
Instrument :
MSVOA_U
ClientSampled :

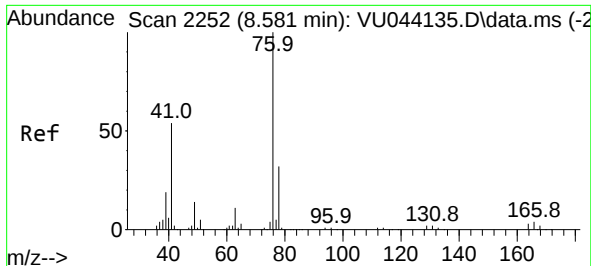
Tgt Ion: 43 Resp: 53788
Ion Ratio Lower Upper
43 100
58 7.4 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 7.398 ug/l
RT: 7.748 min Scan# 1993
Delta R.T. 0.135 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 75 Resp: 29621
Ion Ratio Lower Upper
75 100
77 0.7 25.9 38.9#
39 28.6 33.2 49.8#



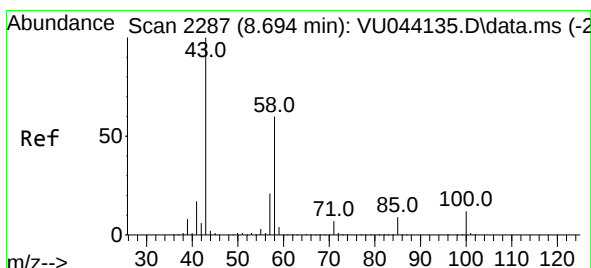
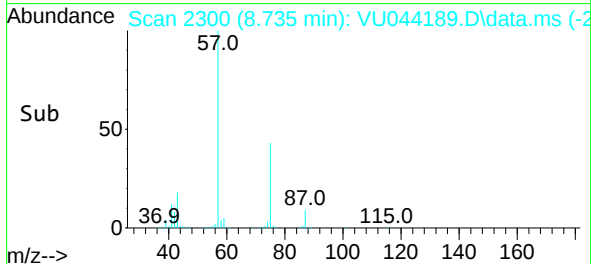
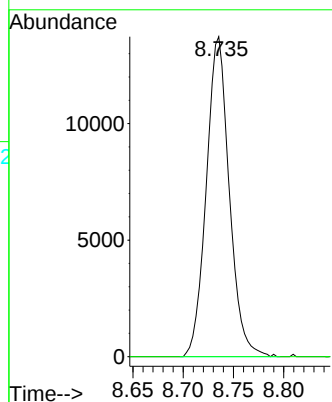
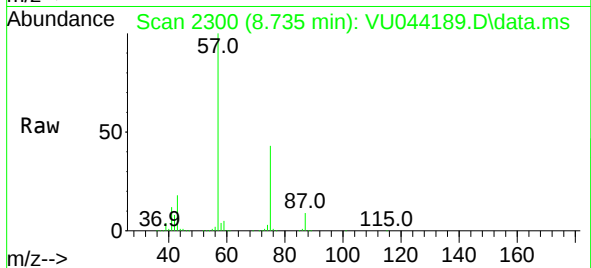


#57

1,3-Dichloropropane
Concen: 5.020 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Instrument :
MSVOA_U
ClientSampled :

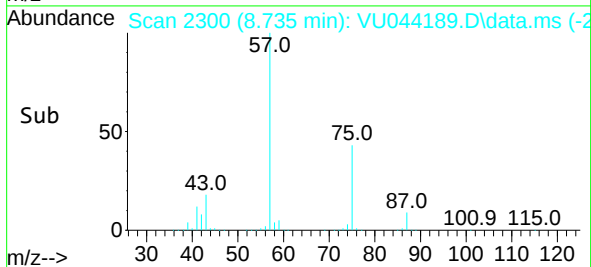
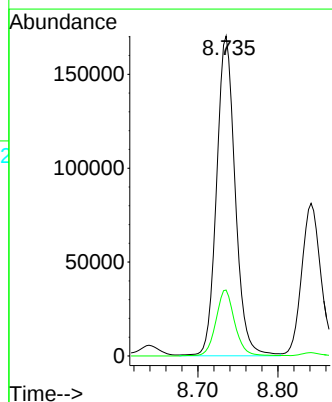
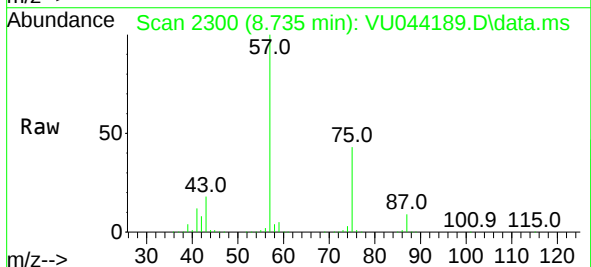
Tgt Ion: 76 Resp: 21828
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

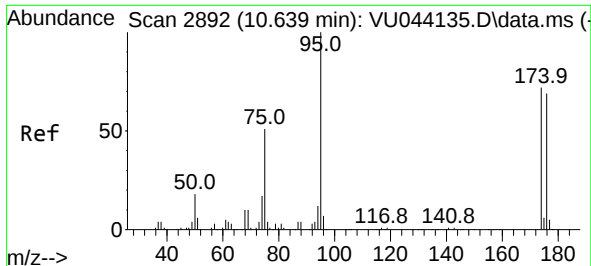


#59

2-Hexanone
Concen: 84.150 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 43 Resp: 274348
Ion Ratio Lower Upper
43 100
58 21.1 30.0 90.1#

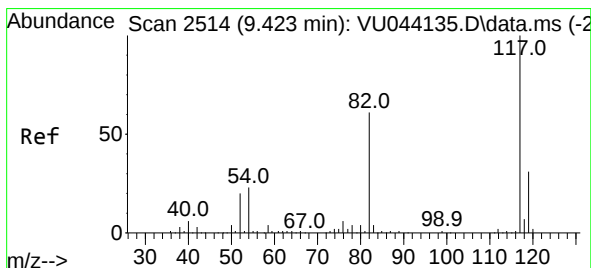
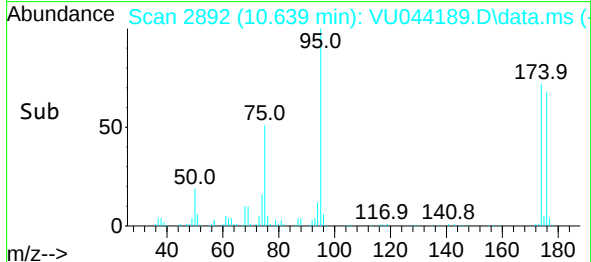
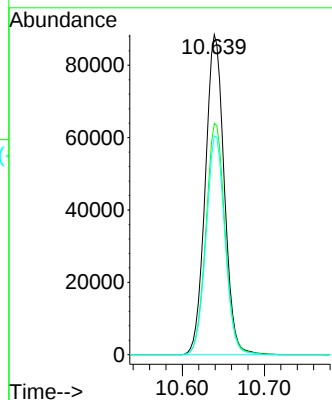
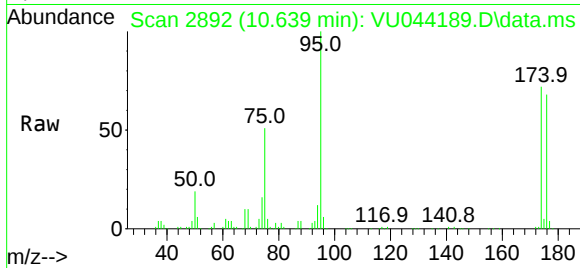




#62
4-Bromofluorobenzene
Concen: 44.315 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

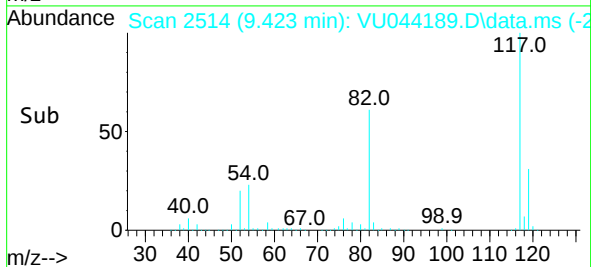
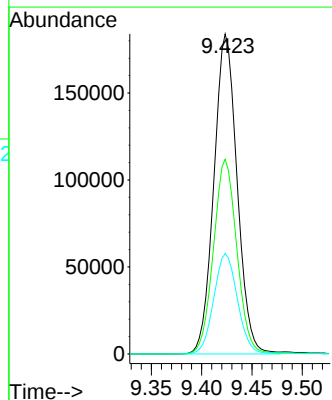
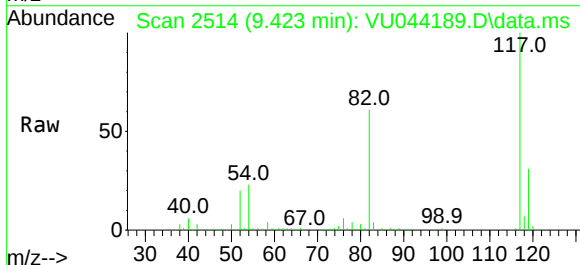
Instrument :
MSVOA_U
ClientSampleId :

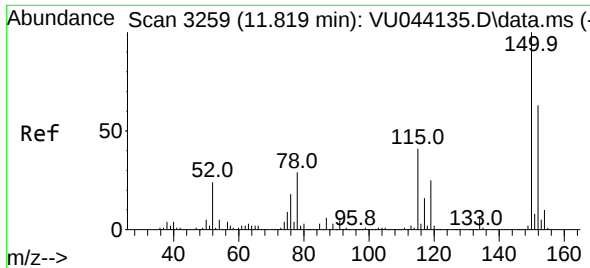
Tgt Ion: 95 Resp: 141670
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.4
176 68.2 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

Tgt Ion: 117 Resp: 295716
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.4 25.0 37.6

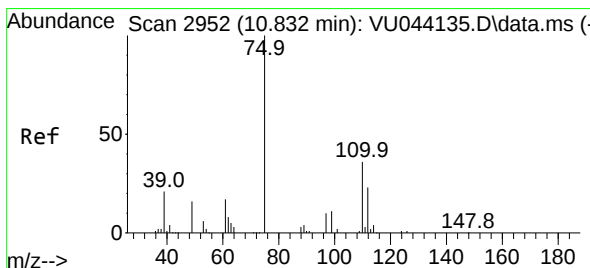
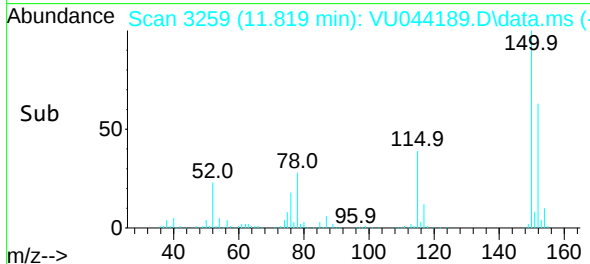
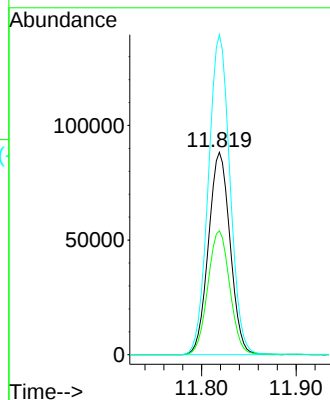
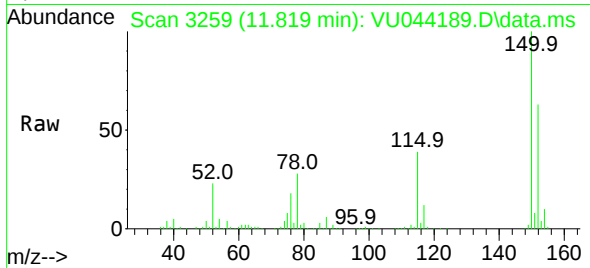




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044189.D
 Acq: 14 Jun 2021 18:15

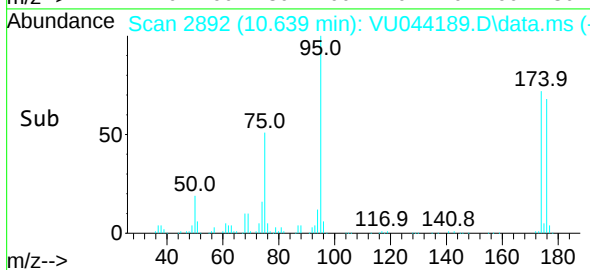
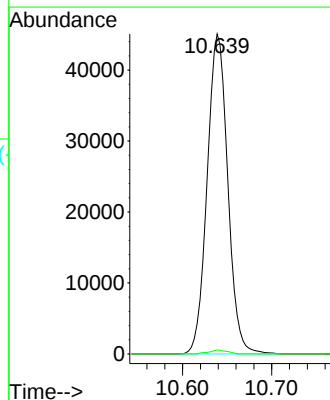
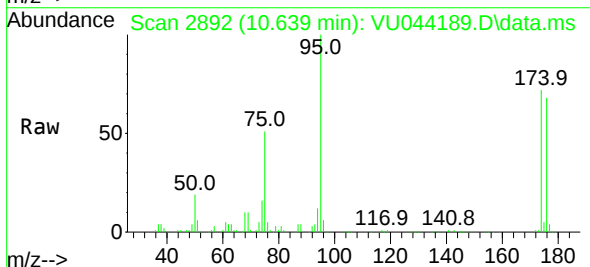
Instrument :
 MSVOA_U
 ClientSampled :

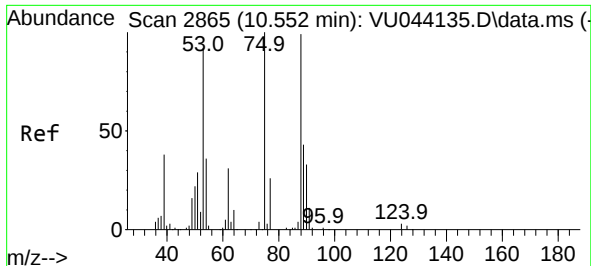
Tgt Ion:152 Resp: 140642
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.8 131.3
 150 157.7 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 15.346 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044189.D
 Acq: 14 Jun 2021 18:15

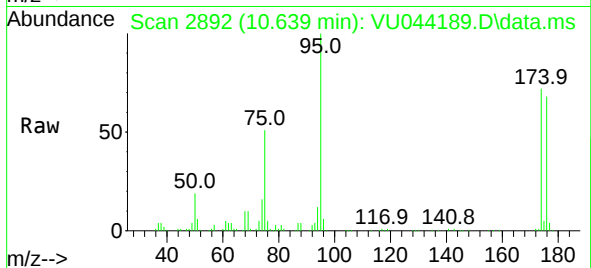
Tgt Ion: 75 Resp: 72363
 Ion Ratio Lower Upper
 75 100
 77 1.1 14.9 44.5#



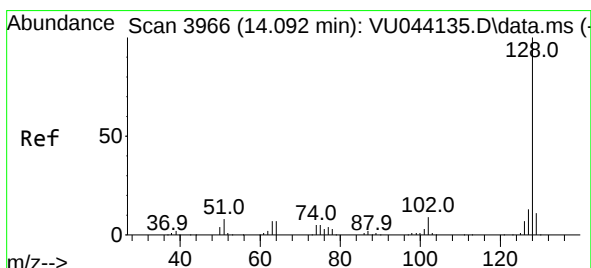
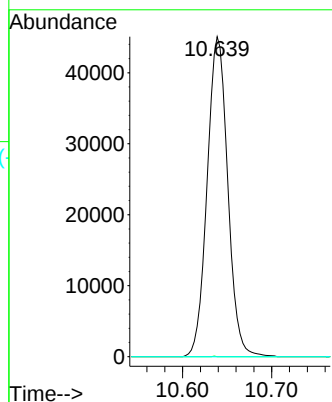
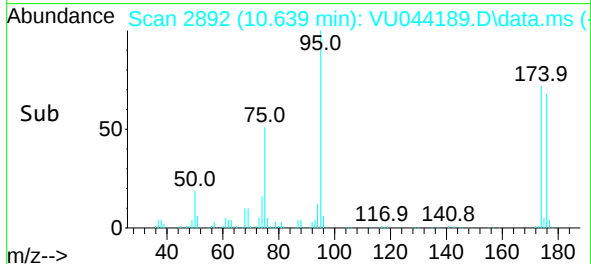


#81
trans-1,4-Dichloro-2-butene
Concen: 55.629 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15

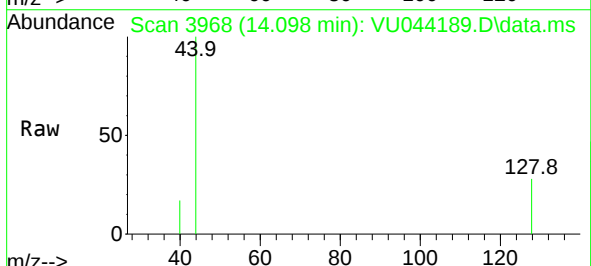
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 75 Resp: 72363
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.856 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU044189.D
Acq: 14 Jun 2021 18:15



Tgt Ion: 128 Resp: 207
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

