

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043617.D
 Acq On : 07 May 2021 17:03
 Operator : SY/MD
 Sample : M2304-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C8-GW

Quant Time: May 08 01:11:07 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)

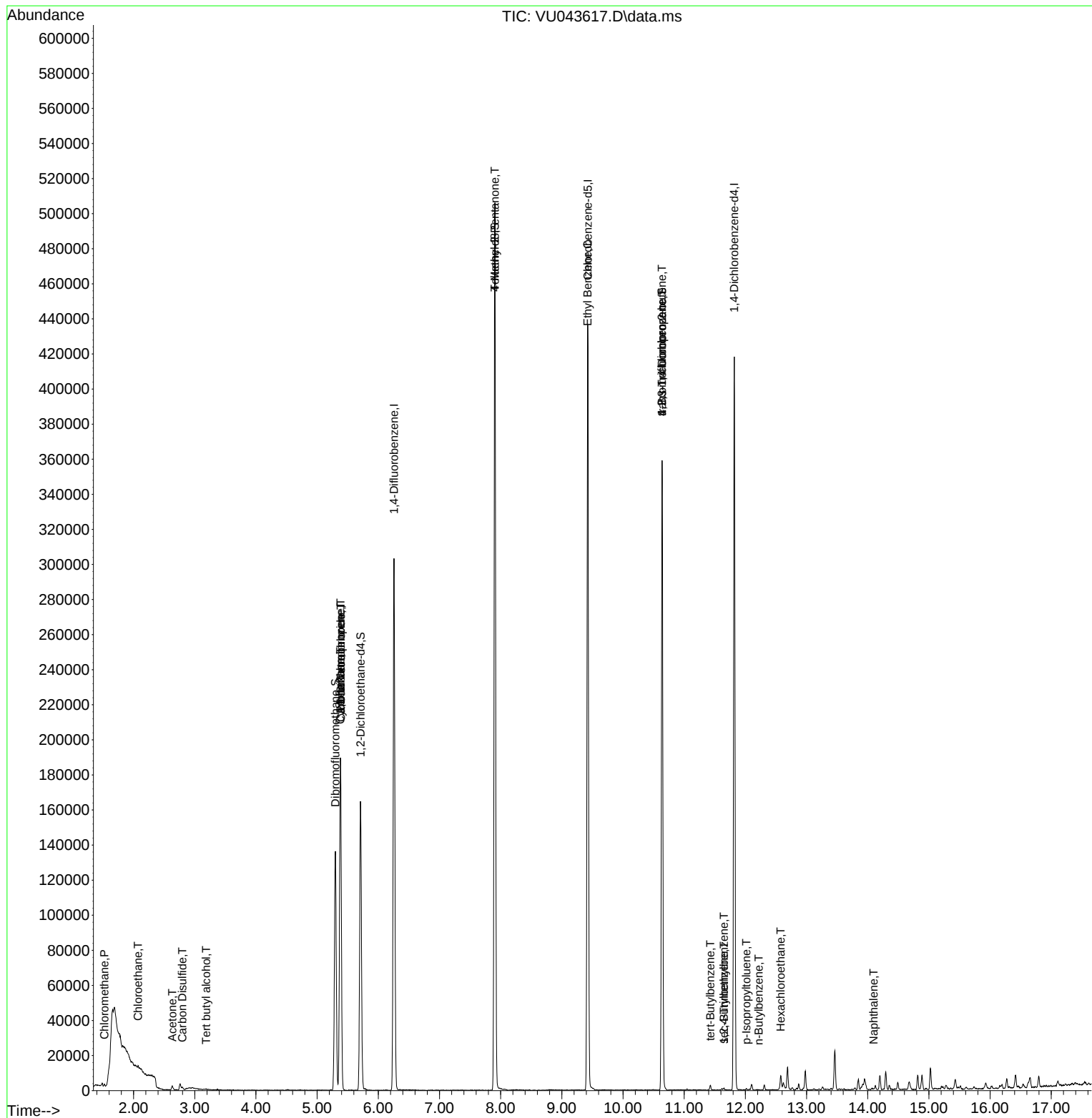
Internal Standards						
1) Pentafluorobenzene	5.382	168	122927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218598	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	215018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	125654	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	5.298	113	83935	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	7.906	98	302710	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.639	95	107726	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	427	0.50	ug/l #	71
6) Chloroethane	2.073	64	1703	1.36	ug/l #	64
11) Tert butyl alcohol	3.186	59	349	0.52	ug/l #	73
16) Acetone	2.633	43	2592	1.88	ug/l	99
17) Carbon Disulfide	2.797	76	1942	0.43	ug/l #	93
31) Cyclohexane	5.379	56	3468	1.17	ug/l #	16
36) 1,1-Dichloropropene	5.382	75	11438	4.61	ug/l #	51
38) Carbon Tetrachloride	5.385	117	13156	5.23	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1774	19.51	ug/l #	1
67) Ethyl Benzene	9.420	91	270	1.48	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	62570	19.95	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	62570	64.97	ug/l #	3
83) tert-Butylbenzene	11.427	119	1243	0.21	ug/l	88
84) 1,2,4-Trimethylbenzene	11.648	105	668	1.21	ug/l #	33
85) sec-Butylbenzene	11.648	105	668	1.42	ug/l #	73
86) p-Isopropyltoluene	12.015	119	436	1.53	ug/l #	86
89) n-Butylbenzene	12.217	91	46	2.54	ug/l #	35
90) Hexachloroethane	12.578	117	496	0.50	ug/l #	11
95) Naphthalene	14.095	128	624	1.60	ug/l #	69

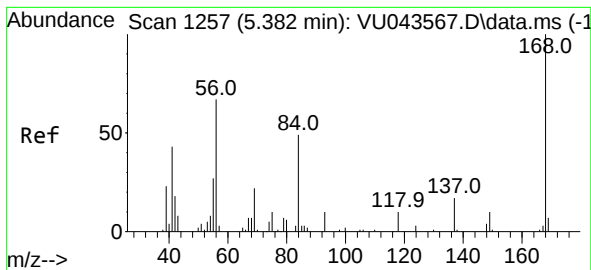
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
Data File : VU043617.D
Acq On : 07 May 2021 17:03
Operator : SY/MD
Sample : M2304-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

Quant Time: May 08 01:11:07 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

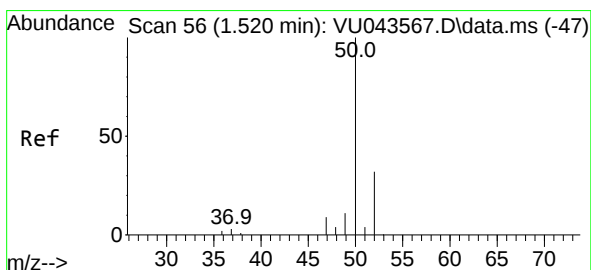
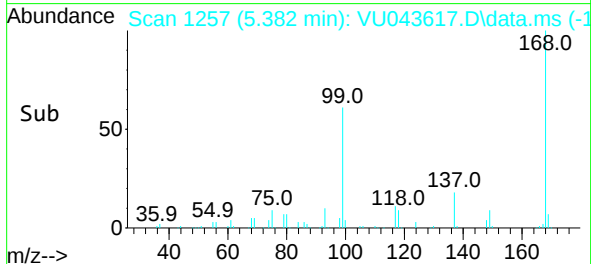
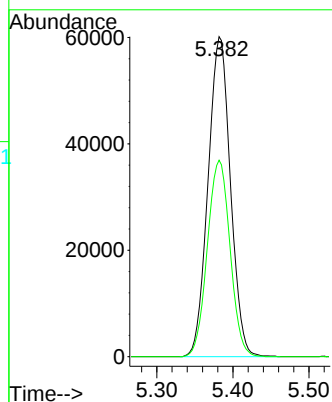
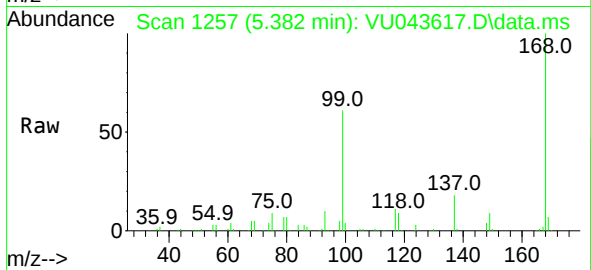




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

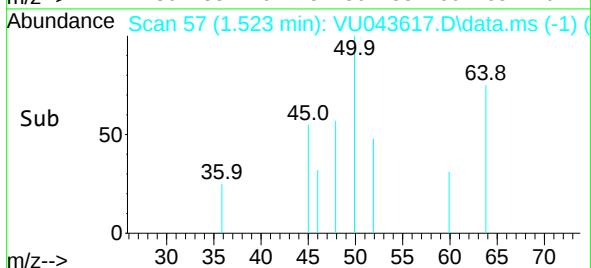
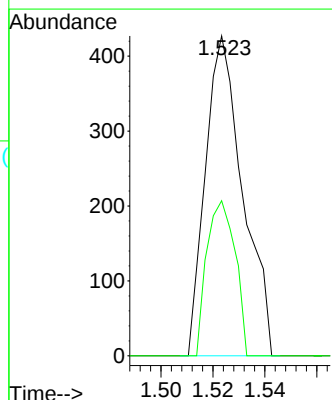
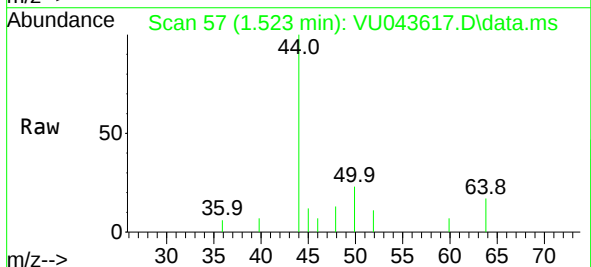
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

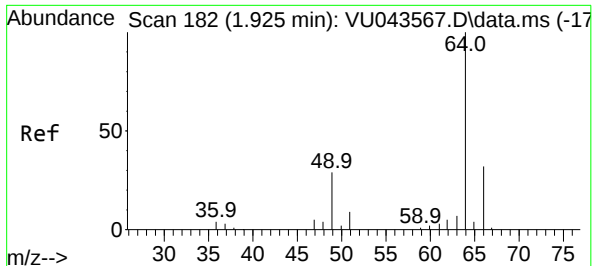
Tgt Ion:168 Resp: 122927
Ion Ratio Lower Upper
168 100
99 61.4 49.0 73.6



#3
Chloromethane
Concen: 0.50 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 48.5 25.9 38.9#

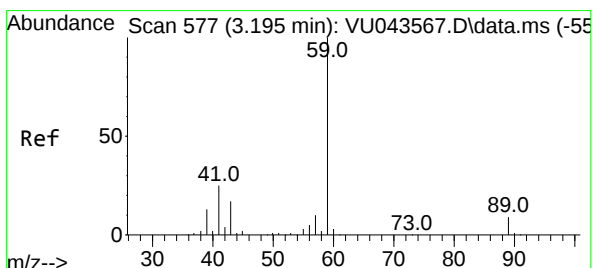
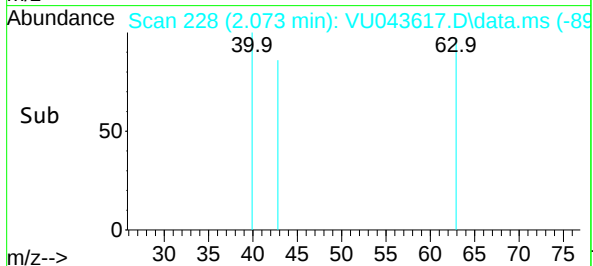
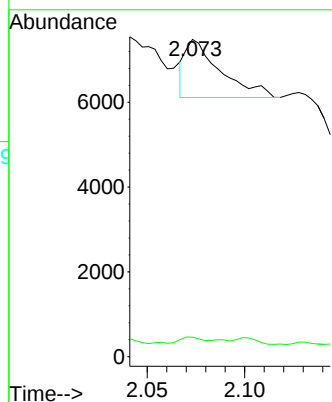
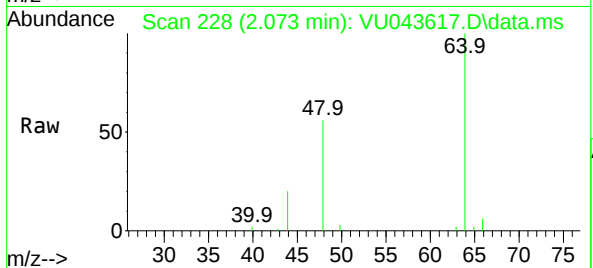




#6
Chloroethane
Concen: 1.36 ug/l
RT: 2.073 min Scan# 228
Delta R.T. 0.148 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

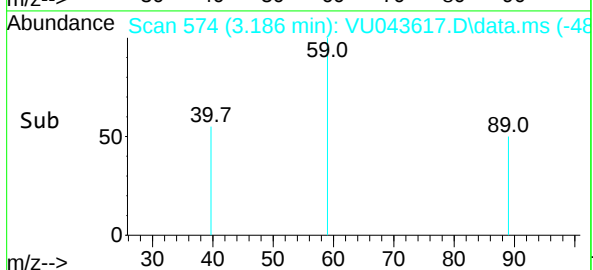
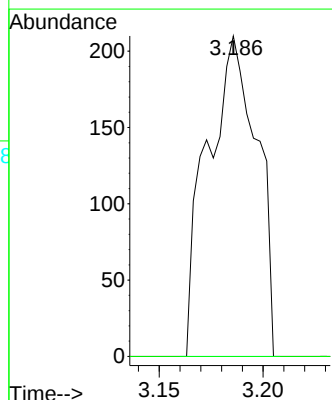
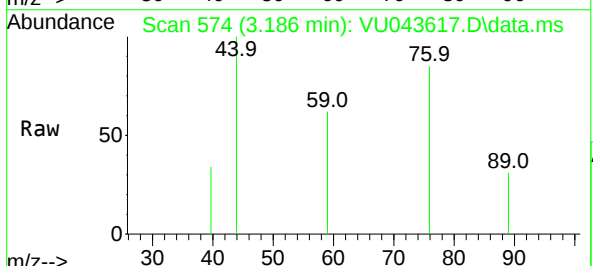
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

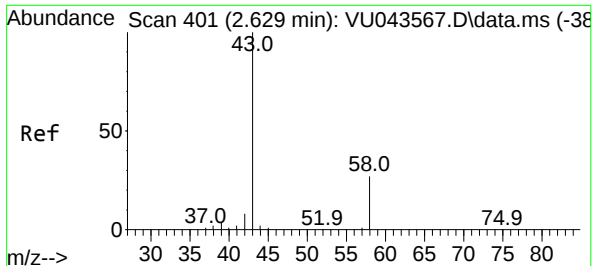
Tgt Ion: 64 Resp: 1703
Ion Ratio Lower Upper
64 100
66 11.8 25.7 38.5#



#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.010 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion: 59 Resp: 349
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

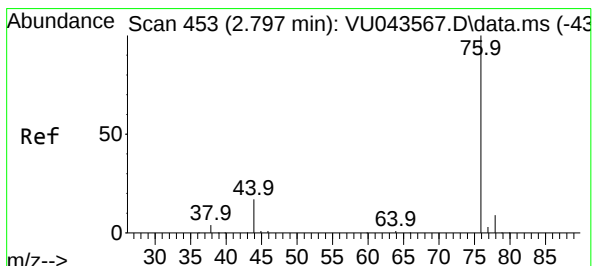
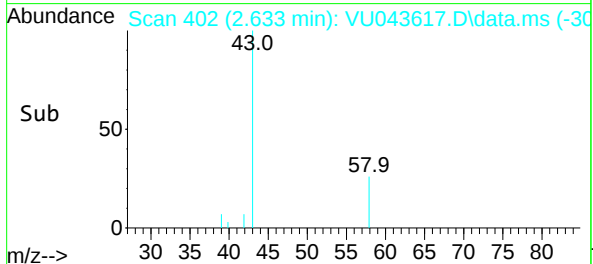
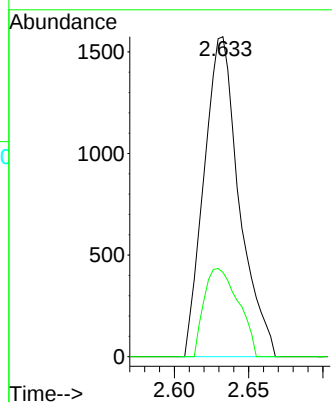
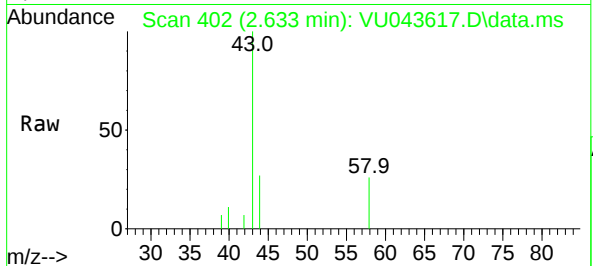




#16
Acetone
Concen: 1.88 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

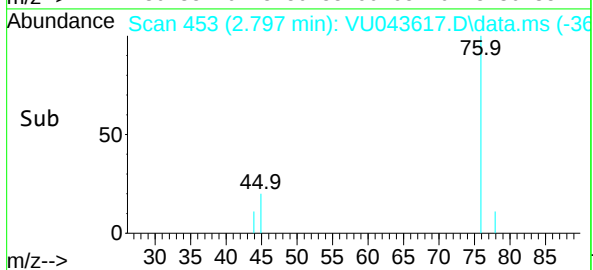
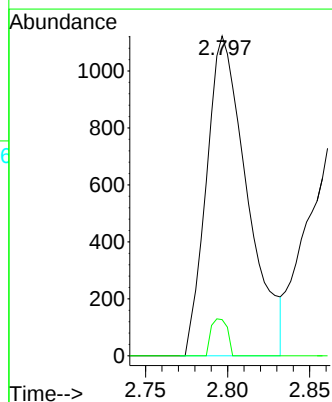
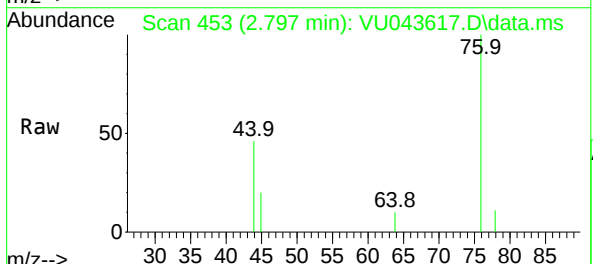
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

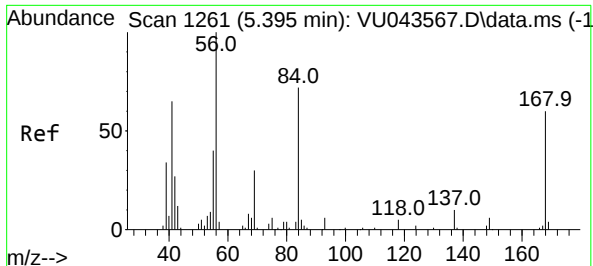
Tgt Ion: 43 Resp: 2592
Ion Ratio Lower Upper
43 100
58 26.3 21.7 32.5



#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion: 76 Resp: 1942
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#





#31

Cyclohexane

Concen: 1.17 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU043617.D

Acq: 07 May 2021 17:03

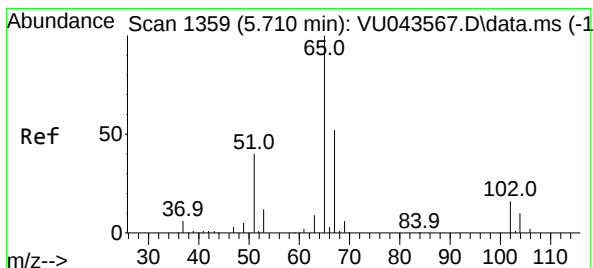
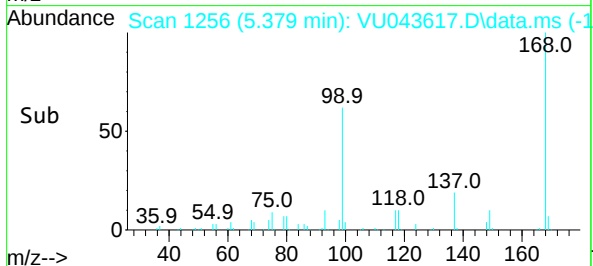
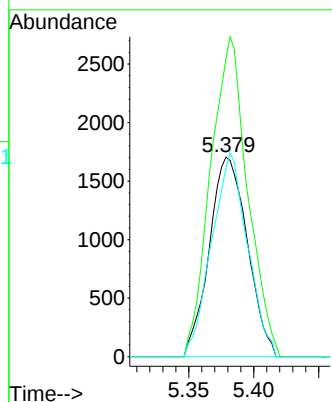
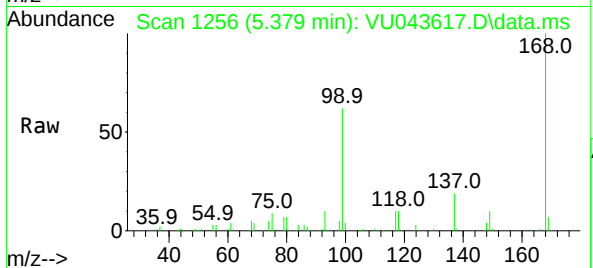
Tgt Ion: 56 Resp: 3468

Ion Ratio Lower Upper

56 100

69 149.4 23.9 35.9#

84 94.6 57.7 86.5#



#33

1,2-Dichloroethane-d4

Concen: 50.49 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043617.D

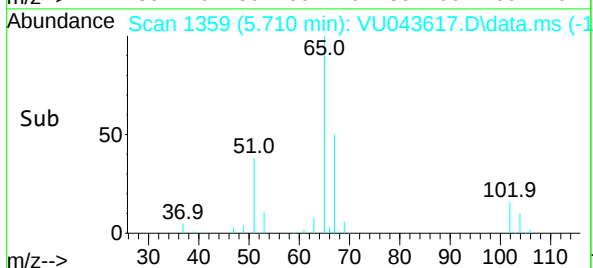
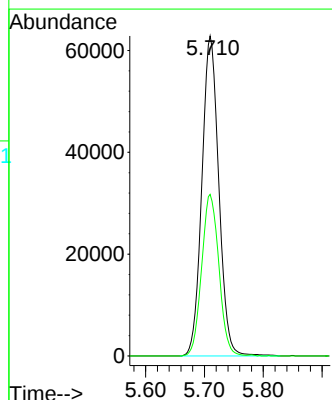
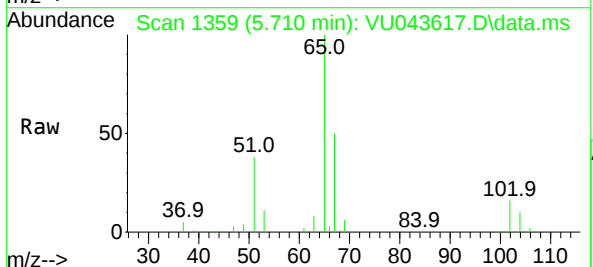
Acq: 07 May 2021 17:03

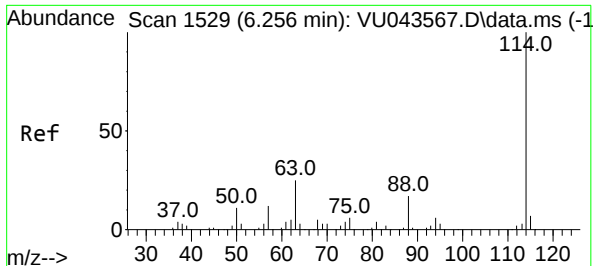
Tgt Ion: 65 Resp: 125654

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.6

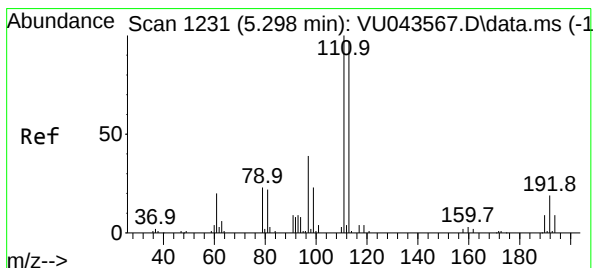
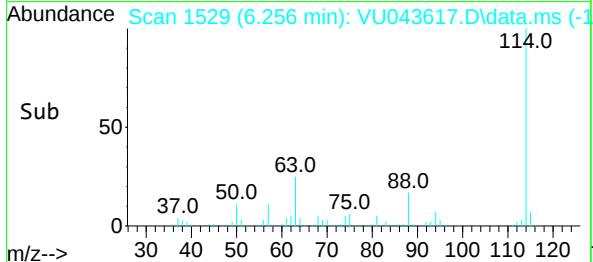
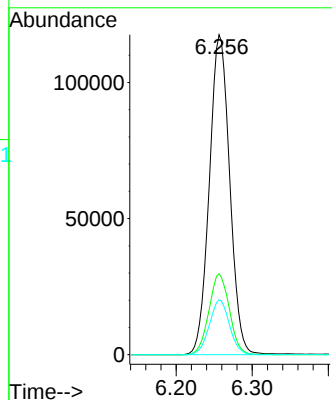
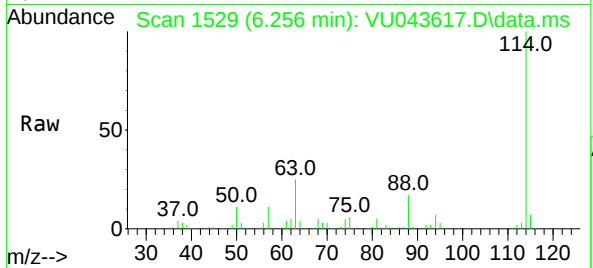




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

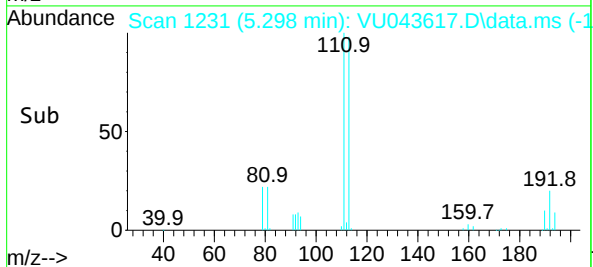
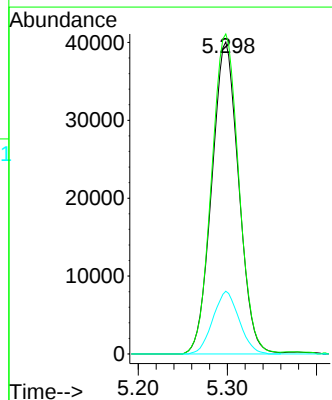
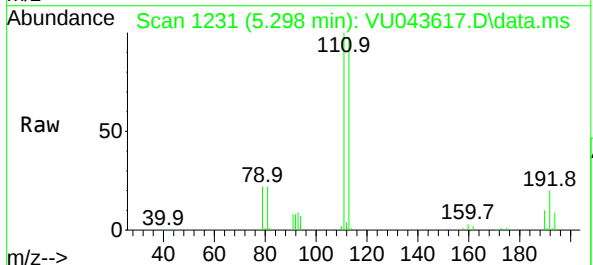
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

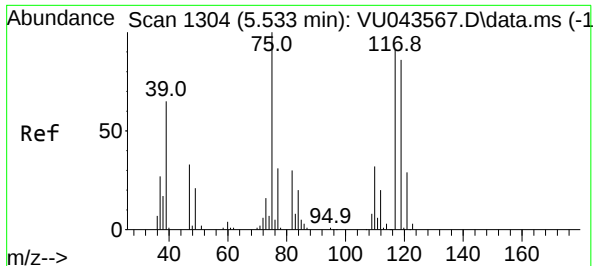
Tgt Ion:114 Resp: 218598
Ion Ratio Lower Upper
114 100
63 25.3 0.0 50.2
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.15 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion:113 Resp: 83935
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 19.6 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 5.382 min Scan# 1257

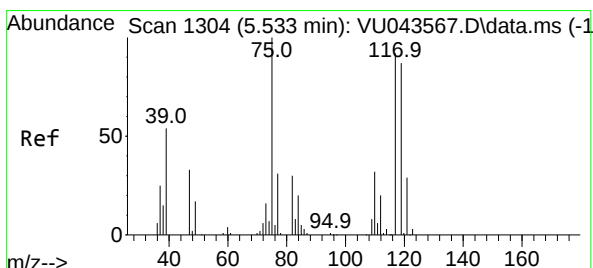
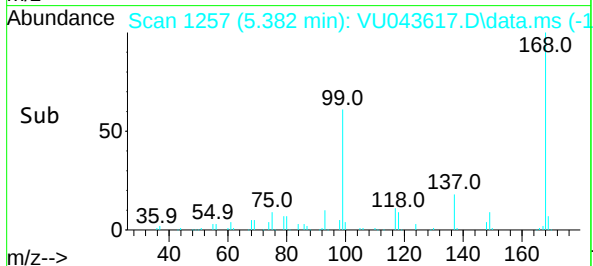
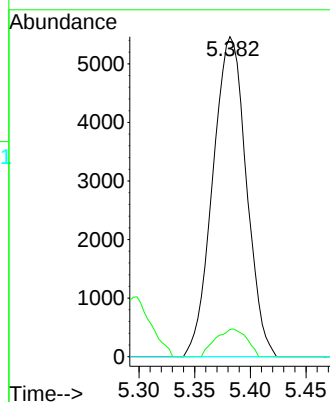
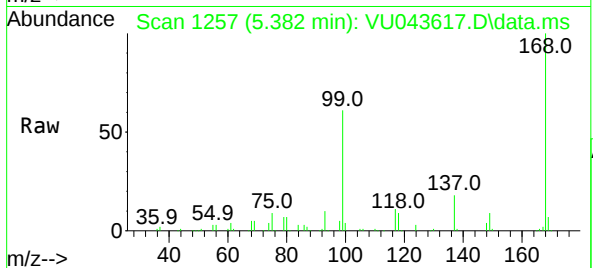
Delta R.T. -0.151 min

Lab File: VU043617.D

Acq: 07 May 2021 17:03

Tgt Ion:	75	Resp:	11438
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.2	48.5#
77	0.0	24.4	36.6#

Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW



#38

Carbon Tetrachloride

Concen: 5.23 ug/l

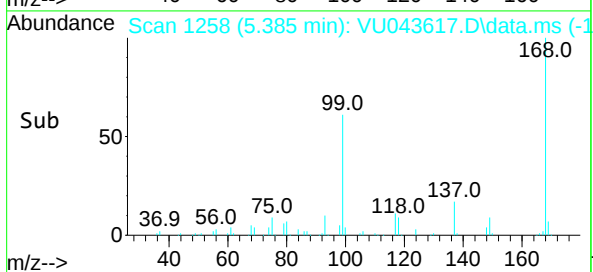
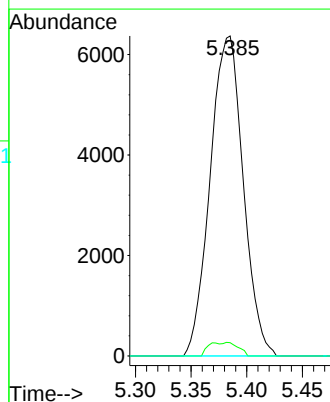
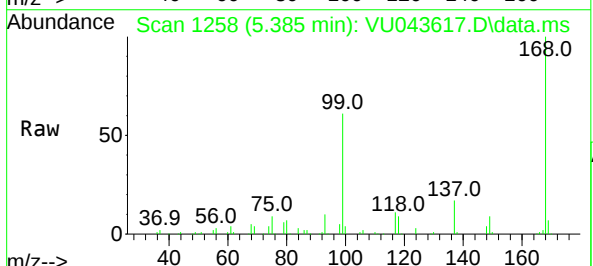
RT: 5.385 min Scan# 1258

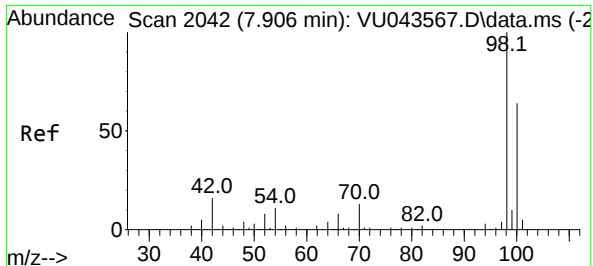
Delta R.T. -0.148 min

Lab File: VU043617.D

Acq: 07 May 2021 17:03

Tgt Ion:	117	Resp:	13156
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.4	113.0#
121	0.0	25.2	37.8#

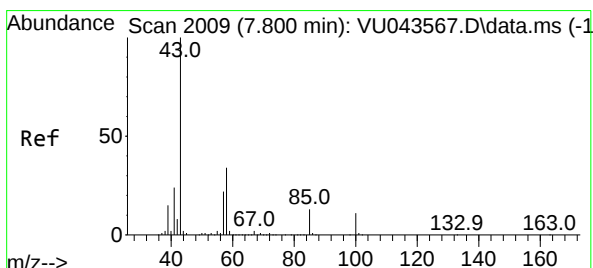
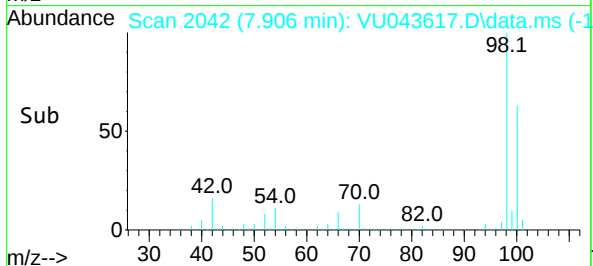
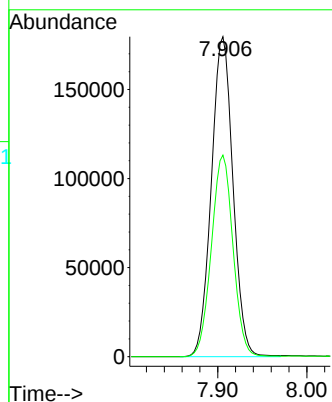
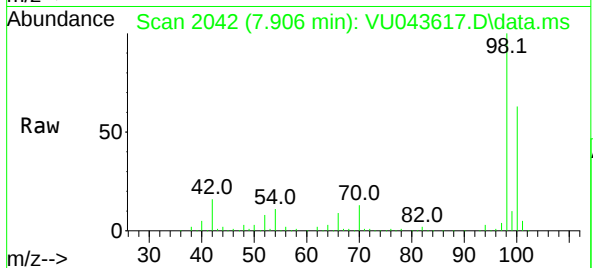




#50
Toluene-d8
Concen: 48.97 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

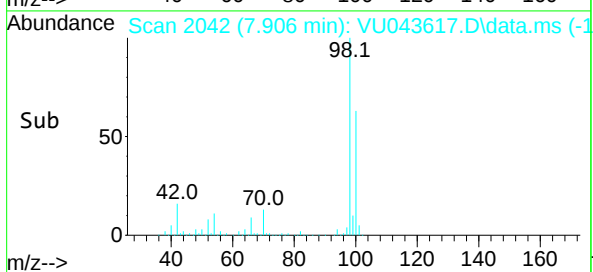
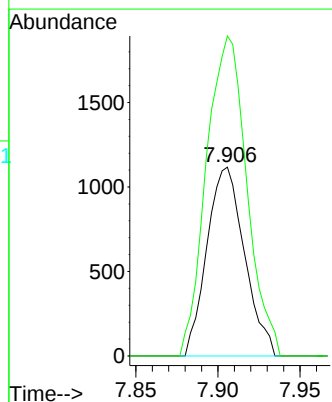
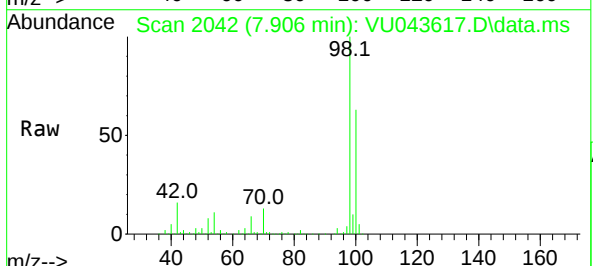
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

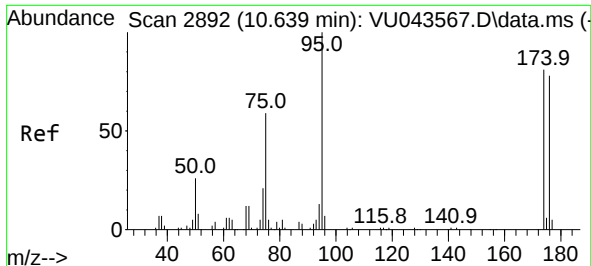
Tgt Ion: 98 Resp: 302710
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.51 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 182.4 27.2 40.8#

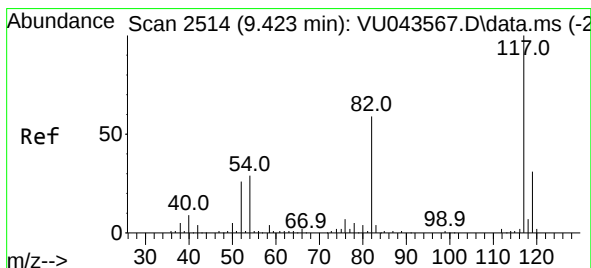
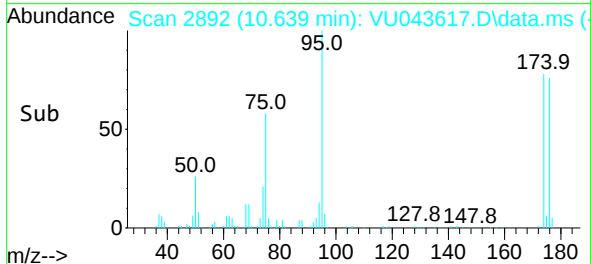
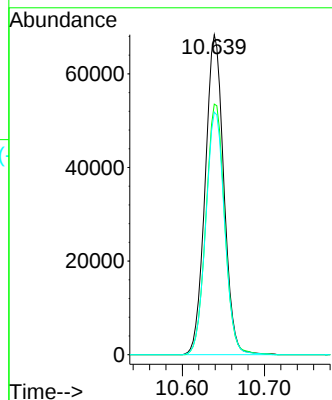
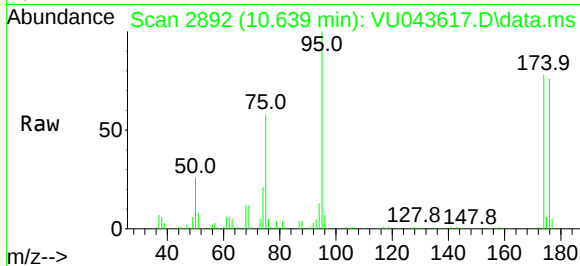




#62
4-Bromofluorobenzene
Concen: 45.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

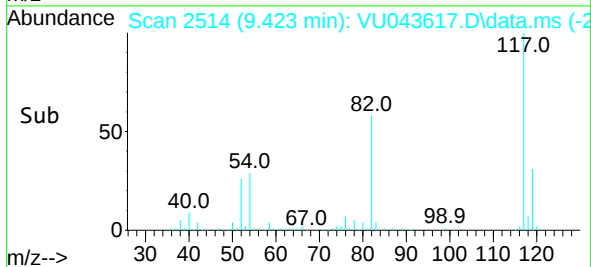
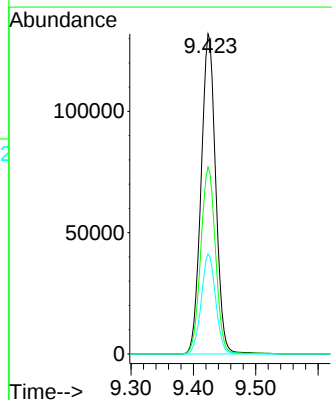
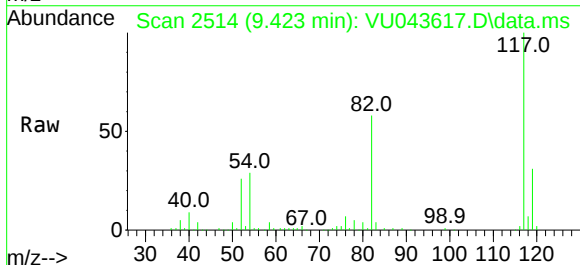
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

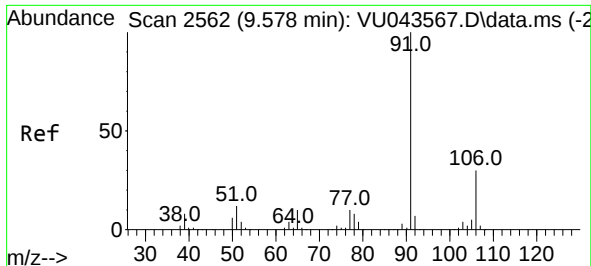
Tgt Ion: 95 Resp: 107726
Ion Ratio Lower Upper
95 100
174 79.1 0.0 158.8
176 76.9 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion: 117 Resp: 215018
Ion Ratio Lower Upper
117 100
82 58.3 47.5 71.3
119 31.3 24.7 37.1

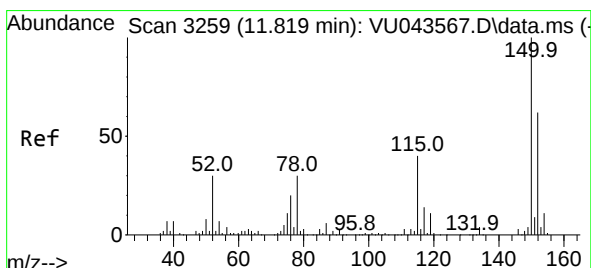
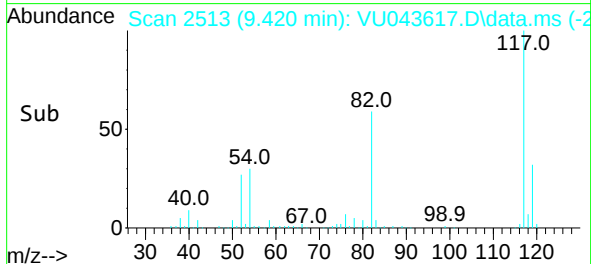
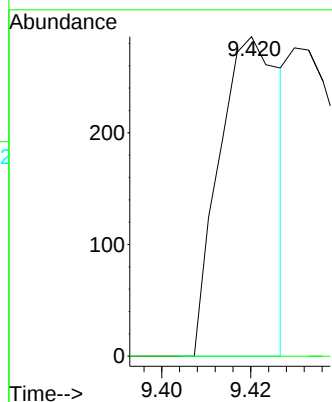
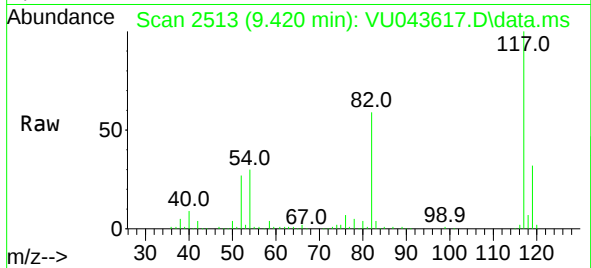




#67
Ethyl Benzene
Concen: 1.48 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.158 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

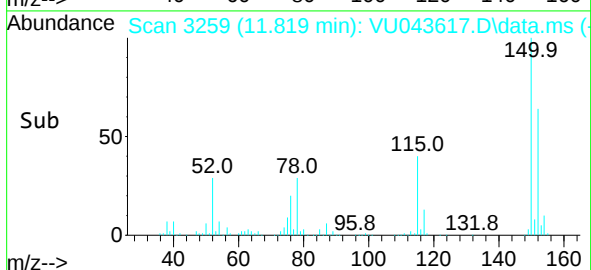
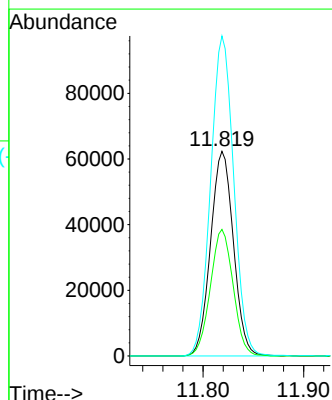
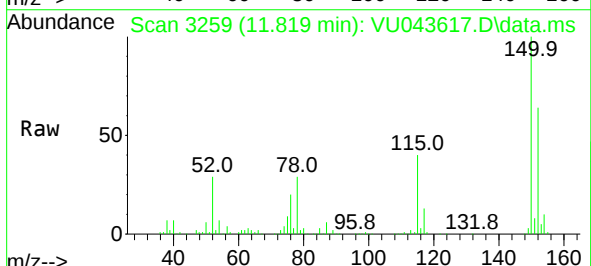
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

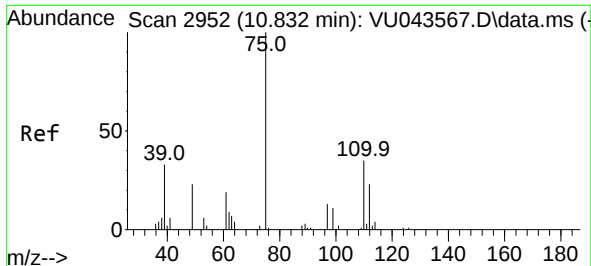
Tgt Ion: 91 Resp: 270
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion:152 Resp: 98634
Ion Ratio Lower Upper
152 100
115 61.4 46.1 138.3
150 157.5 0.0 361.0

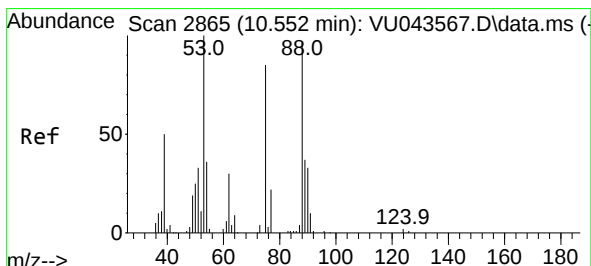
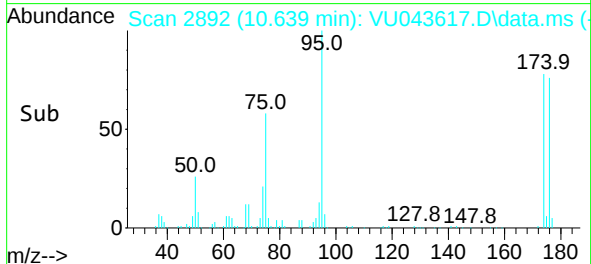
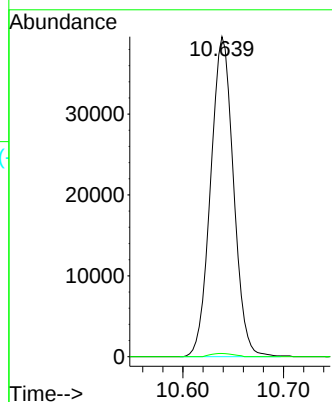
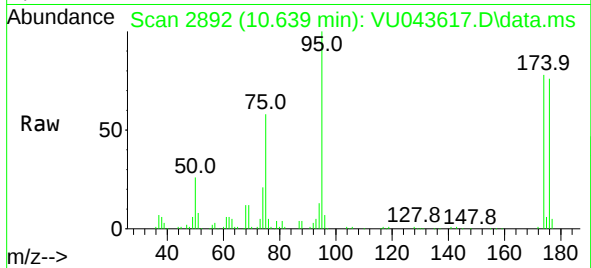




#76
1,2,3-Trichloropropane
Concen: 19.95 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

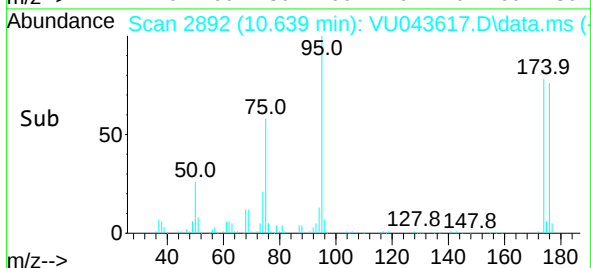
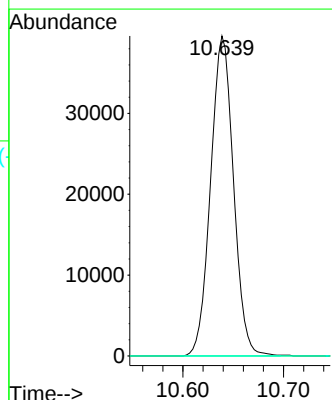
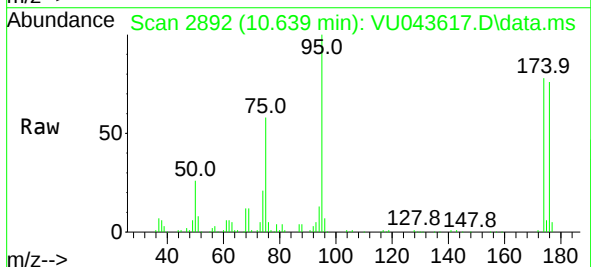
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

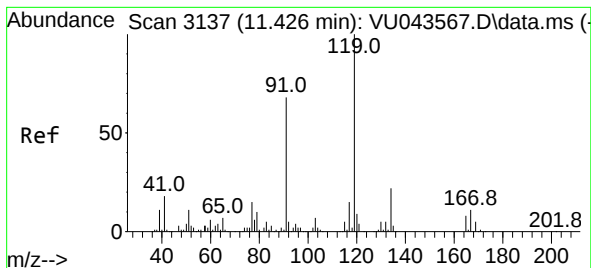
Tgt Ion: 75 Resp: 62570
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion: 75 Resp: 62570
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

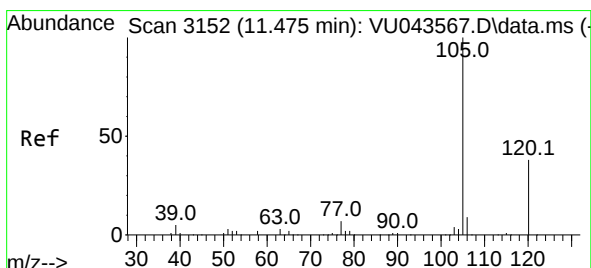
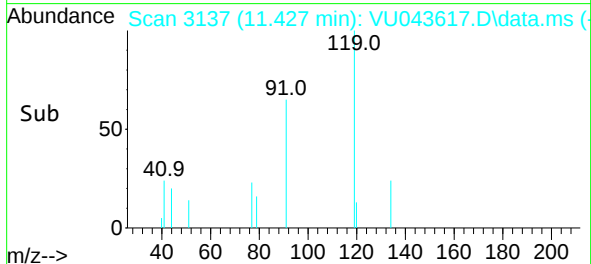
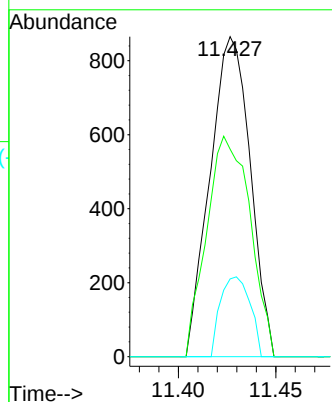
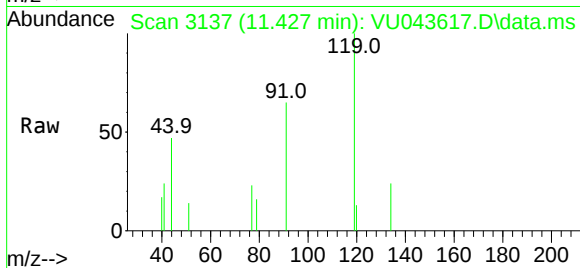




#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

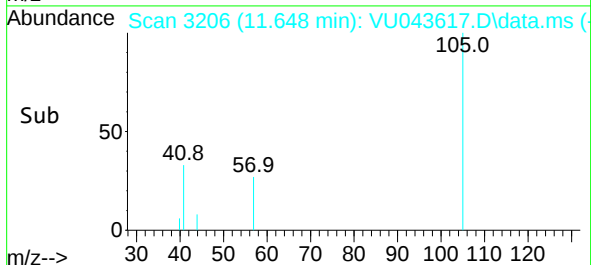
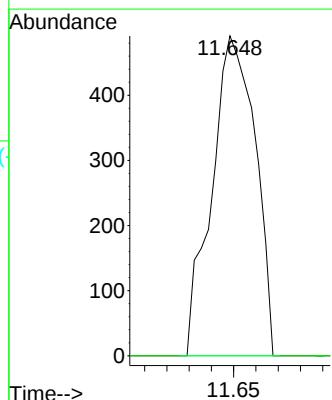
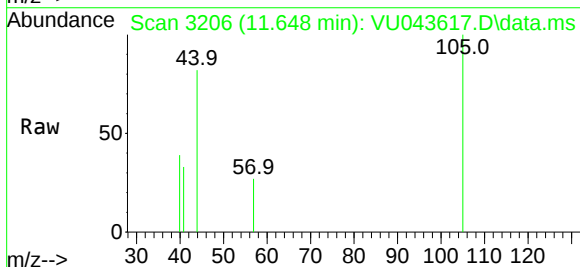
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

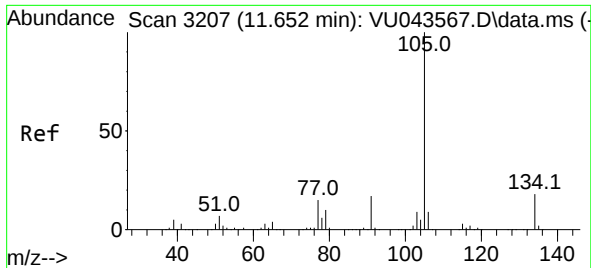
Tgt Ion:	119	Resp:	1243
Ion	Ratio	Lower	Upper
119	100		
91	74.4	32.0	96.0
134	18.3	10.9	32.9



#84
1,2,4-Trimethylbenzene
Concen: 1.21 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.173 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

Tgt Ion:	105	Resp:	668
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.4	64.2#

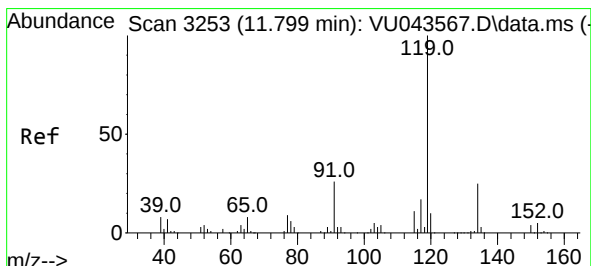
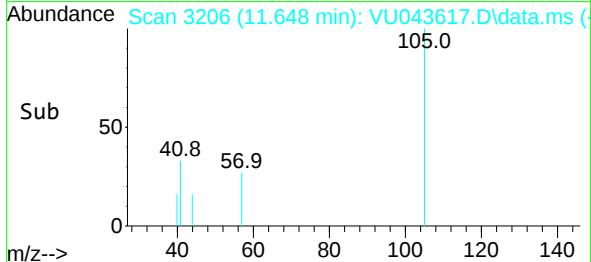
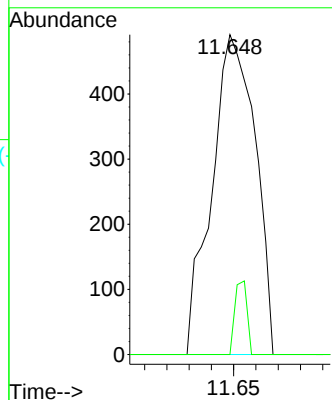
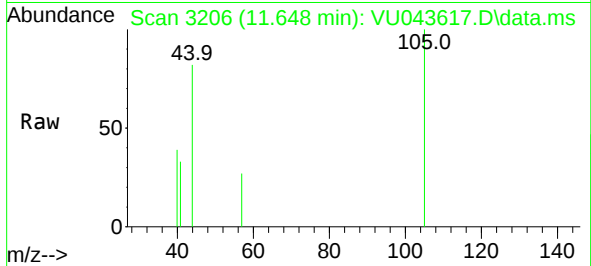




#85
 sec-Butylbenzene
 Concen: 1.42 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043617.D
 Acq: 07 May 2021 17:03

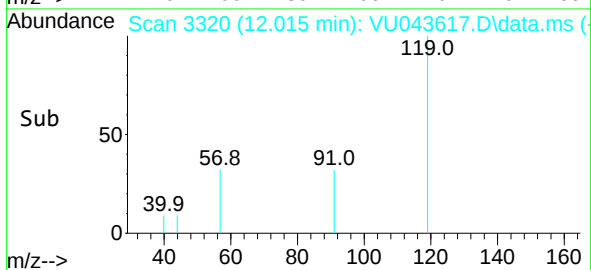
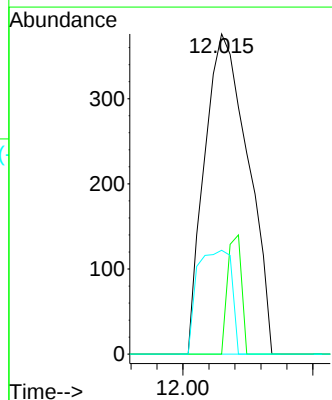
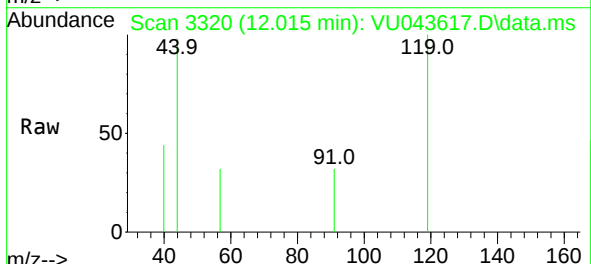
Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C8-GW

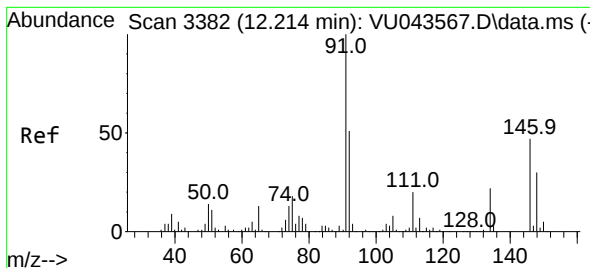
Tgt Ion:105 Resp: 668
 Ion Ratio Lower Upper
 105 100
 134 6.3 9.2 27.6#



#86
 p-Isopropyltoluene
 Concen: 1.53 ug/l
 RT: 12.015 min Scan# 3320
 Delta R.T. 0.216 min
 Lab File: VU043617.D
 Acq: 07 May 2021 17:03

Tgt Ion:119 Resp: 436
 Ion Ratio Lower Upper
 119 100
 134 11.9 12.7 38.0#
 91 25.5 13.3 39.9

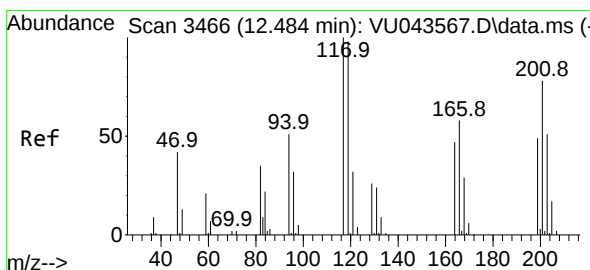
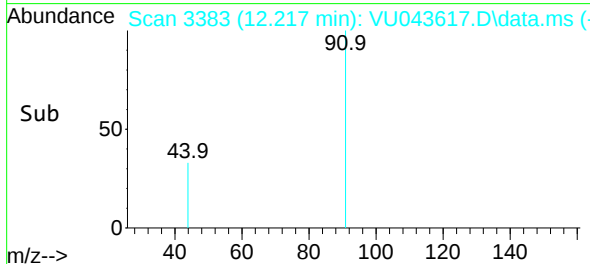
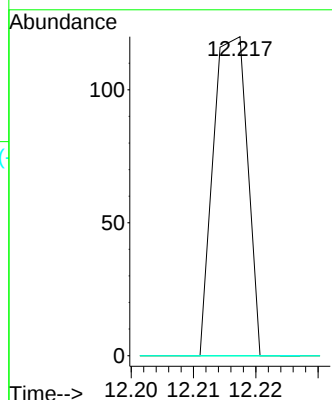
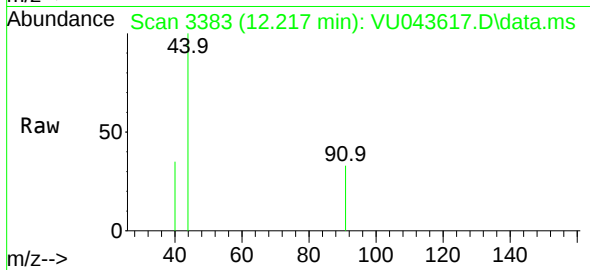




#89
n-Butylbenzene
Concen: 2.54 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

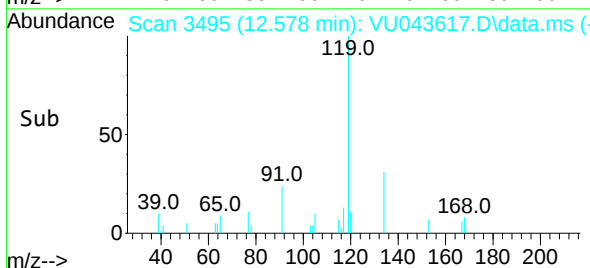
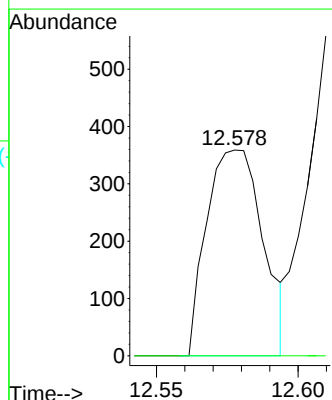
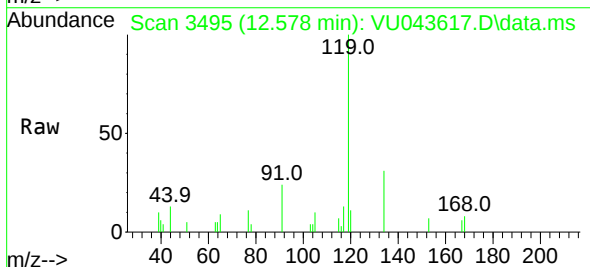
Instrument :
MSVOA_U
ClientSampleId :
OWL-C8-GW

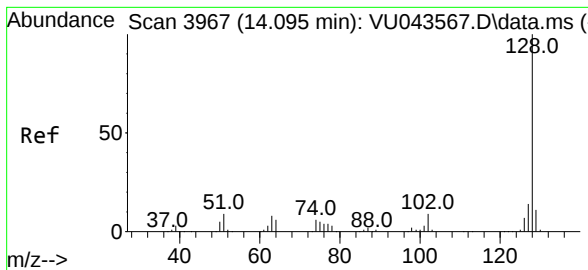
Tgt Ion: 91 Resp: 46
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.2#
134 0.0 11.3 33.9#



#90
Hexachloroethane
Concen: 0.50 ug/l
RT: 12.578 min Scan# 3495
Delta R.T. 0.093 min
Lab File: VU043617.D
Acq: 07 May 2021 17:03

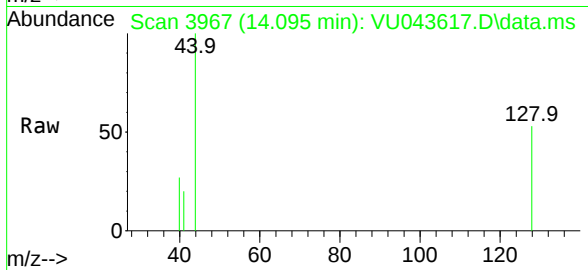
Tgt Ion: 117 Resp: 496
Ion Ratio Lower Upper
117 100
201 0.0 38.6 115.7#





#95
 Naphthalene
 Concen: 1.60 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.000 min
 Lab File: VU043617.D
 Acq: 07 May 2021 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C8-GW



Tgt Ion:	128	Resp:	624
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.6	12.8#

