

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043581.D
 Acq On : 06 May 2021 14:27
 Operator : SY/MD
 Sample : M2251-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-598-600

Quant Time: May 07 02:04:29 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)

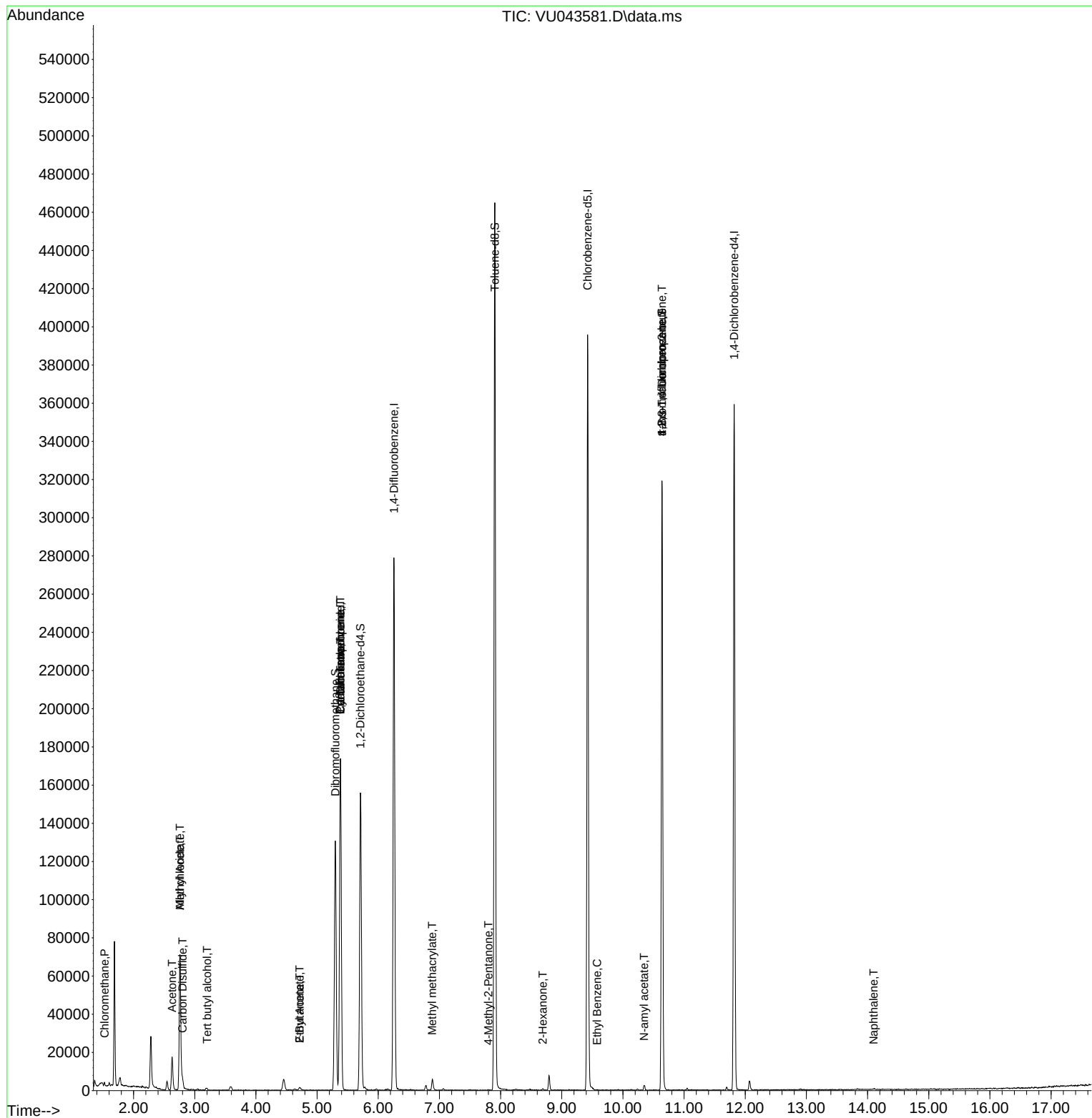
Internal Standards						
1) Pentafluorobenzene	5.382	168	110579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	198935	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	191391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	86120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	118099	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	5.298	113	79665	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	7.906	98	280400	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	10.639	95	95001	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						Qvalue
3) Chloromethane	1.527	50	1388	1.02	ug/l	97
11) Tert butyl alcohol	3.202	59	901	1.50	ug/l #	73
14) Allyl chloride	2.758	41	7892	2.46	ug/l #	77
16) Acetone	2.629	43	19691	15.85	ug/l	96
17) Carbon Disulfide	2.800	76	4560	1.12	ug/l	97
18) Methyl Acetate	2.758	43	20670	7.28	ug/l #	58
25) 2-Butanone	4.713	43	2754	1.44	ug/l #	90
31) Cyclohexane	5.382	56	3233	1.21	ug/l #	5
36) 1,1-Dichloropropene	5.382	75	10579	4.68	ug/l #	51
37) Ethyl Acetate	4.713	43	2754	0.72	ug/l #	72
38) Carbon Tetrachloride	5.382	117	11726	5.12	ug/l #	18
48) Methyl methacrylate	6.883	41	1695	0.60	ug/l #	52
51) 4-Methyl-2-Pentanone	7.803	43	248	19.23	ug/l #	41
59) 2-Hexanone	8.690	43	685	20.88	ug/l	73
67) Ethyl Benzene	9.578	91	120	1.46	ug/l #	45
74) N-amyl acetate	10.346	43	559	2.63	ug/l #	20
76) 1,2,3-Trichloropropane	10.639	75	54737	19.99	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	54737	65.10	ug/l #	3
95) Naphthalene	14.098	128	353	1.57	ug/l #	86

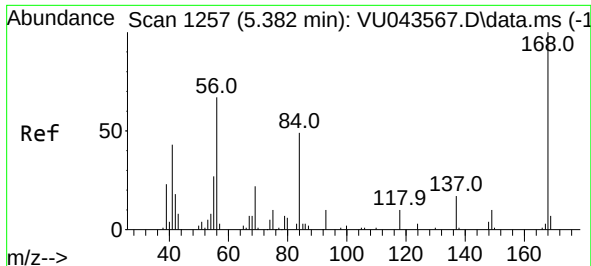
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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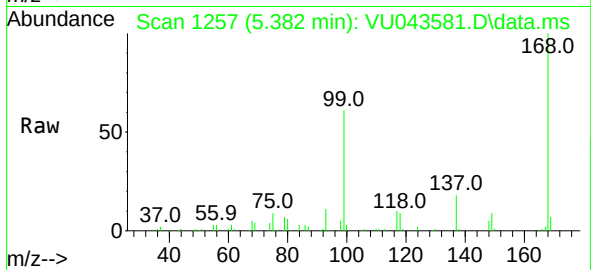
Quant Time: May 07 02:04:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration



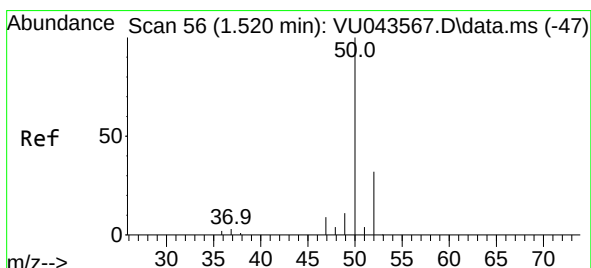
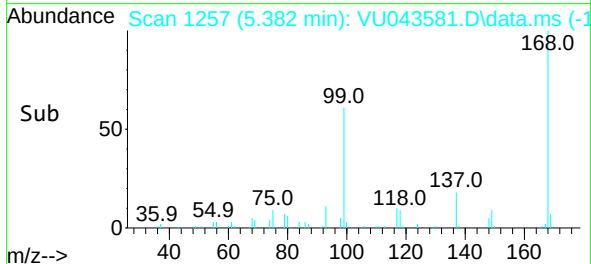
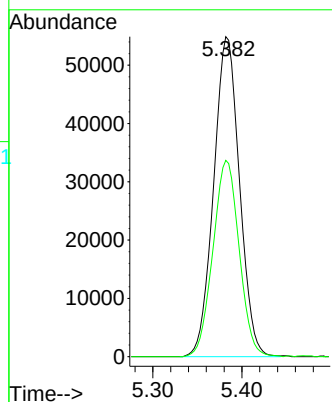


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

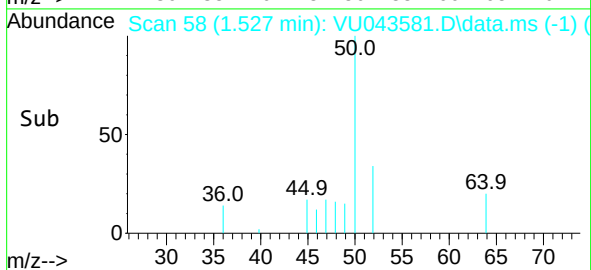
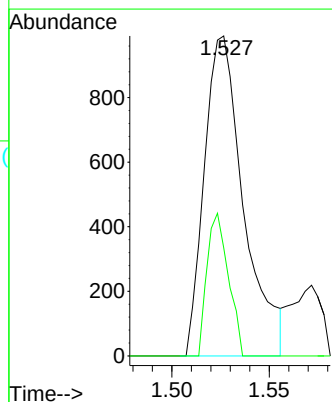
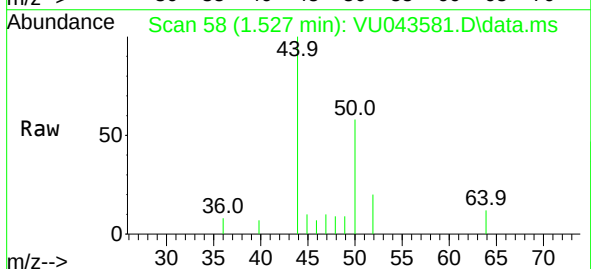


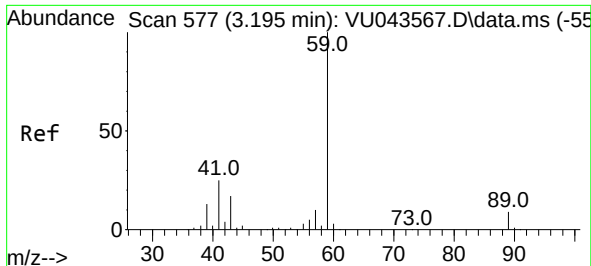
Tgt Ion:168 Resp: 110579
Ion Ratio Lower Upper
168 100
99 61.4 49.0 73.6



#3
Chloromethane
Concen: 1.02 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 50 Resp: 1388
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



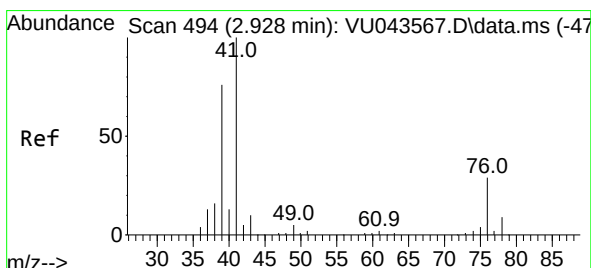
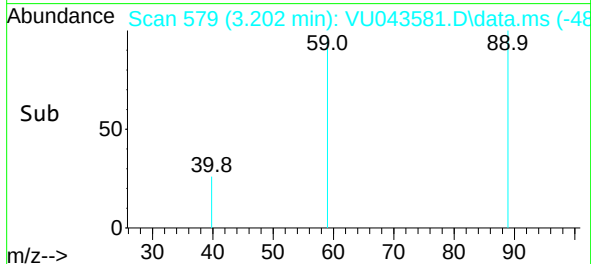
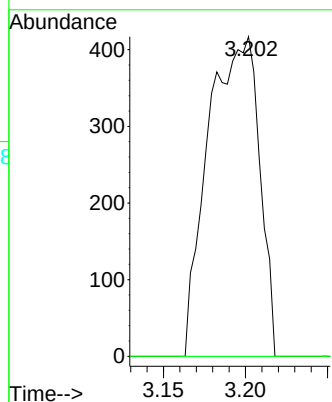
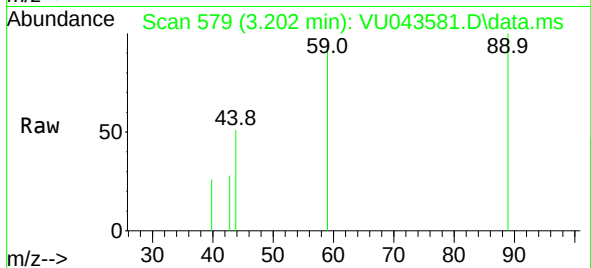


#11

Tert butyl alcohol
Concen: 1.50 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.007 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

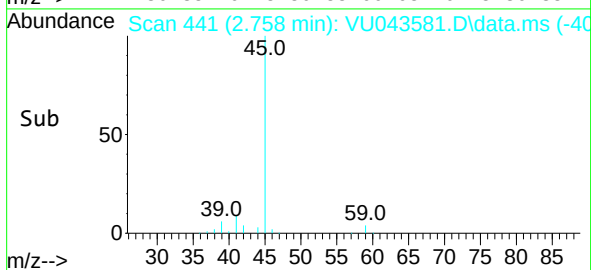
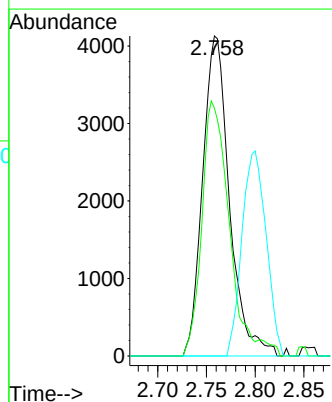
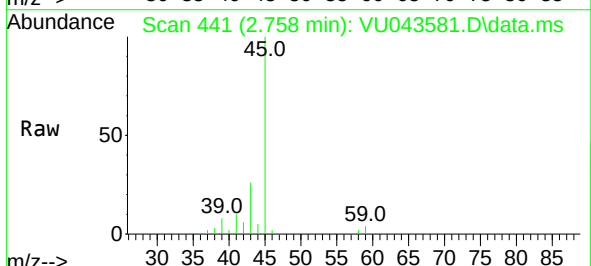
Tgt Ion: 59 Resp: 901
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

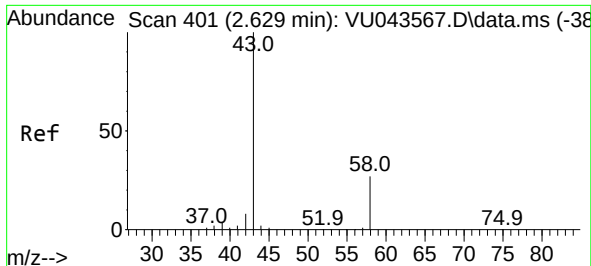


#14

Allyl chloride
Concen: 2.46 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

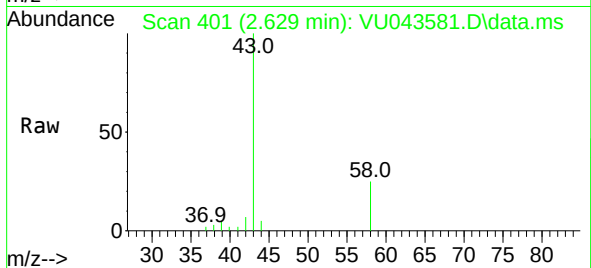
Tgt Ion: 41 Resp: 7892
Ion Ratio Lower Upper
41 100
39 79.3 54.5 81.7
76 0.0 19.9 29.9#



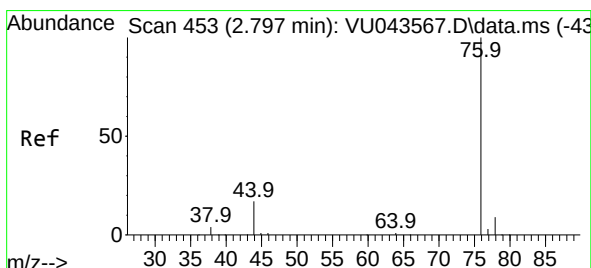
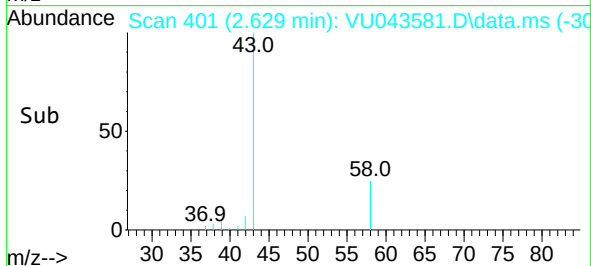
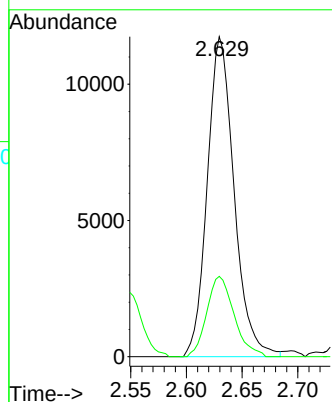


#16
Acetone
Concen: 15.85 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

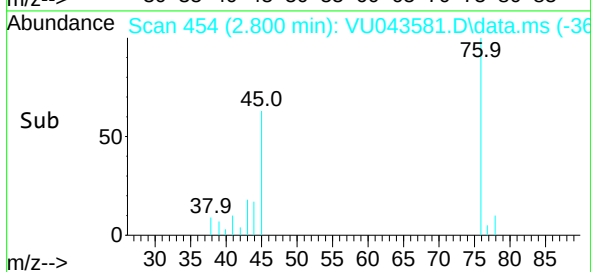
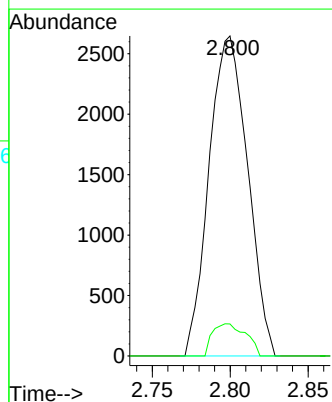
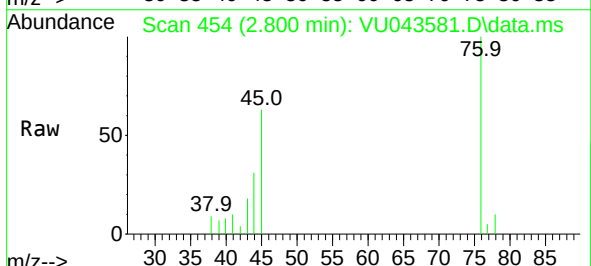


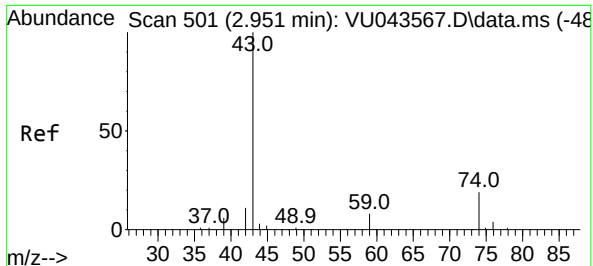
Tgt Ion: 43 Resp: 19691
Ion Ratio Lower Upper
43 100
58 25.1 21.7 32.5



#17
Carbon Disulfide
Concen: 1.12 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 76 Resp: 4560
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

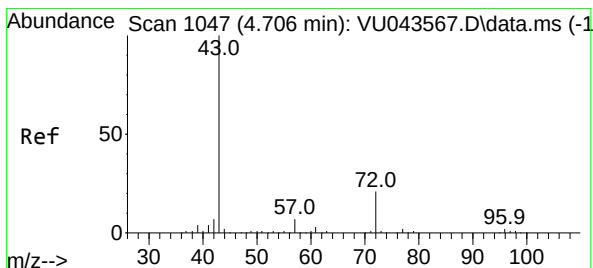
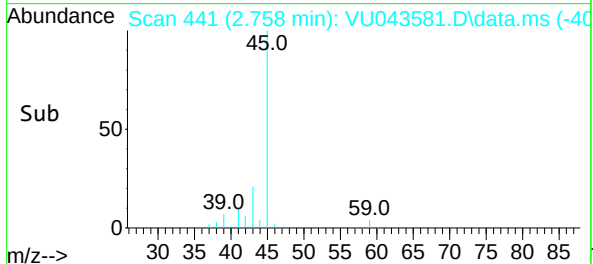
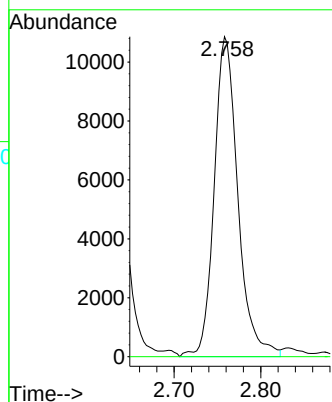
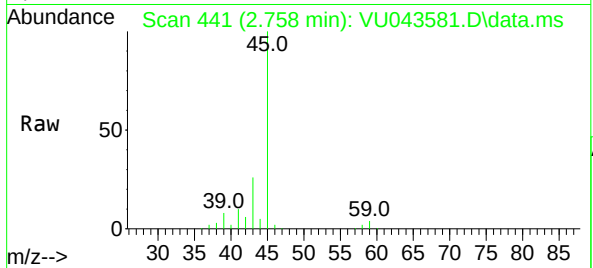




#18
Methyl Acetate
Concen: 7.28 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

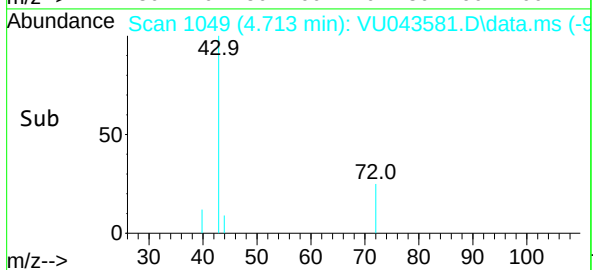
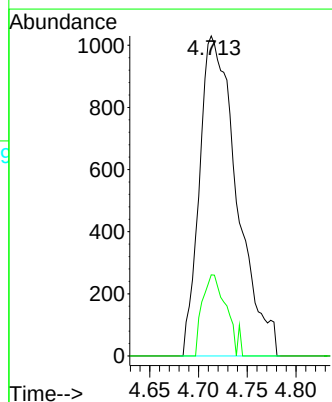
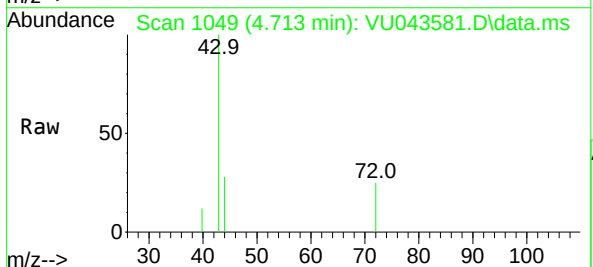
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

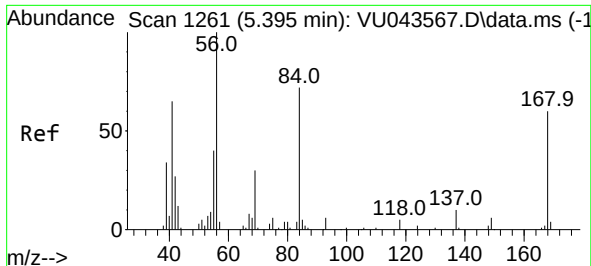
Tgt Ion: 43 Resp: 20670
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#



#25
2-Butanone
Concen: 1.44 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

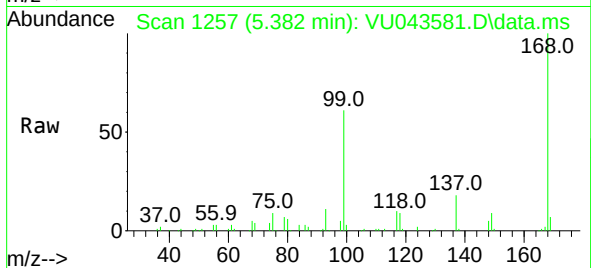
Tgt Ion: 43 Resp: 2754
Ion Ratio Lower Upper
43 100
72 25.3 16.5 24.7#



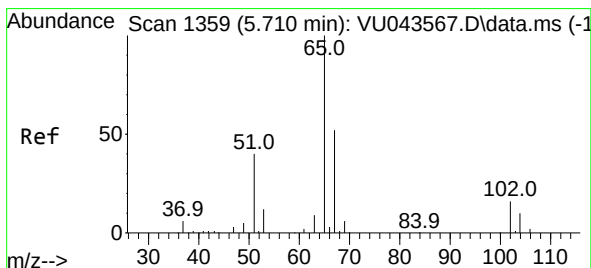
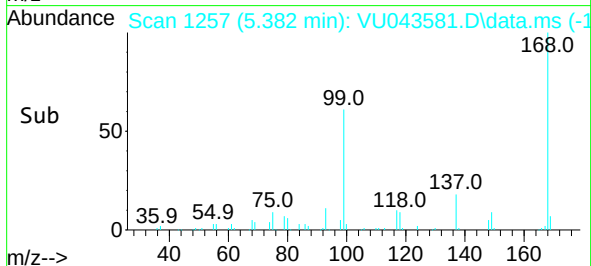
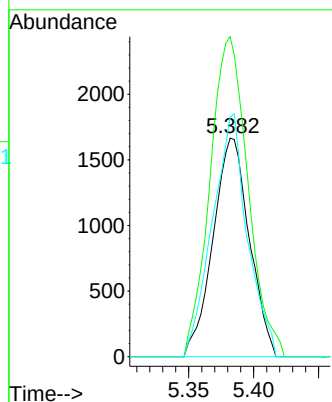


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

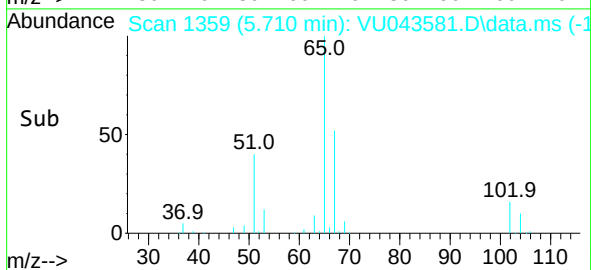
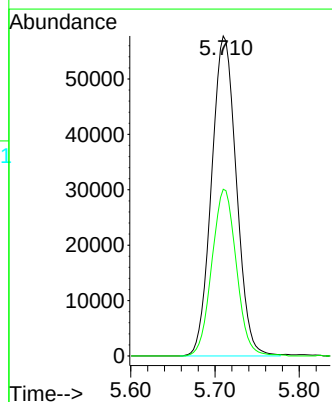
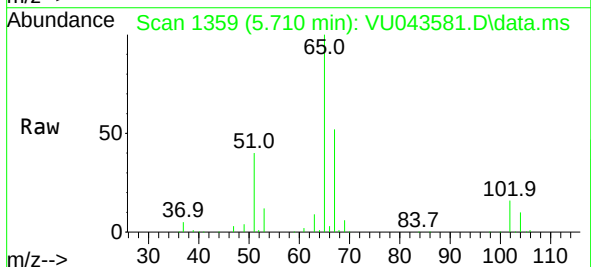


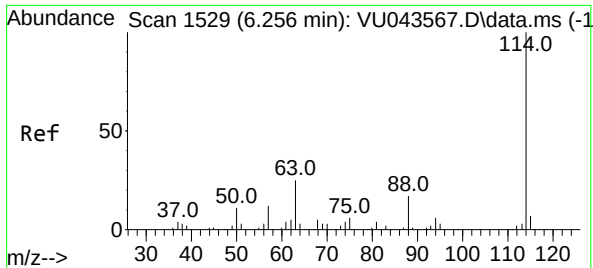
Tgt Ion: 56 Resp: 3233
Ion Ratio Lower Upper
56 100
69 146.4 23.9 35.9#
84 109.6 57.7 86.5#



#33
1,2-Dichloroethane-d4
Concen: 52.76 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 65 Resp: 118099
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

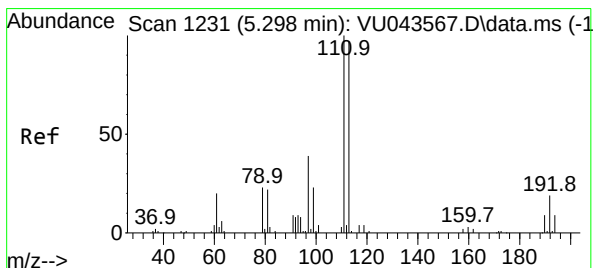
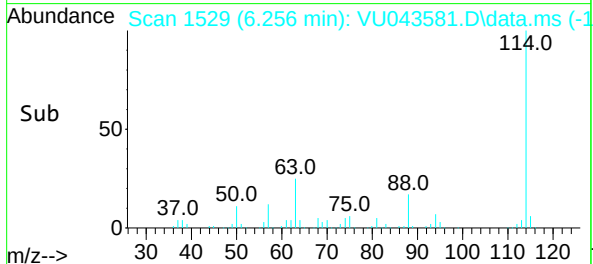
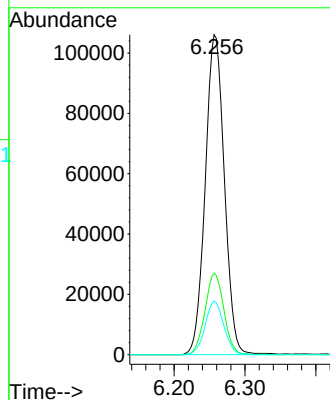
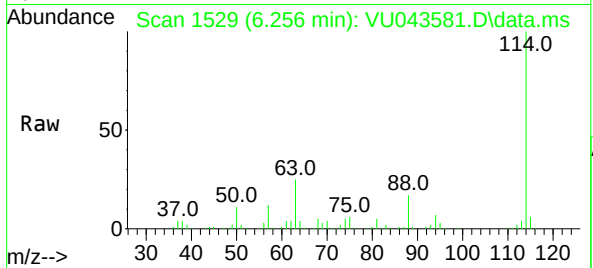




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

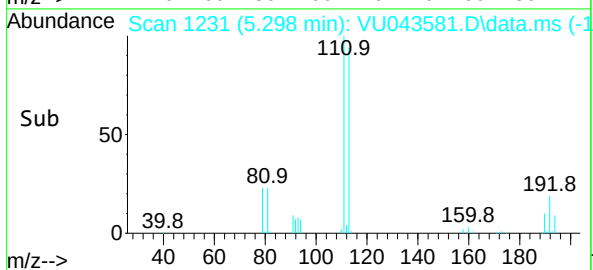
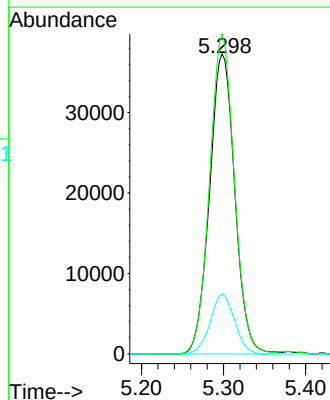
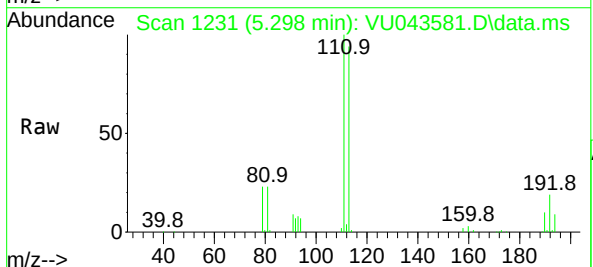
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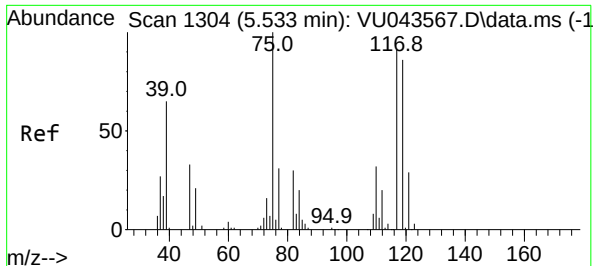
Tgt Ion:	114	Resp:	198935
Ion Ratio	Lower	Upper	
114	100		
63	25.5	0.0	50.2
88	16.8	0.0	33.8



#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion:	113	Resp:	79665
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.3	123.5
192	19.2	15.8	23.6





#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043581.D

Acq: 06 May 2021 14:27

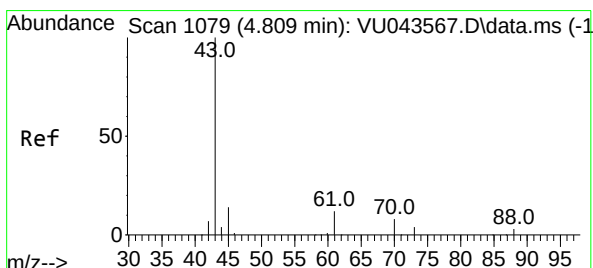
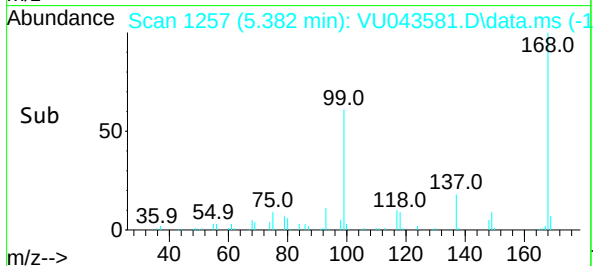
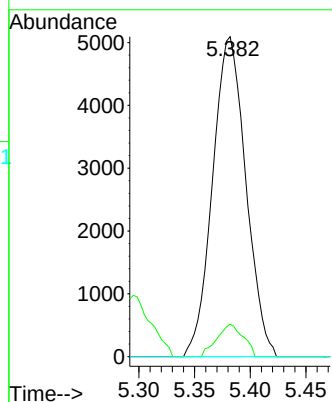
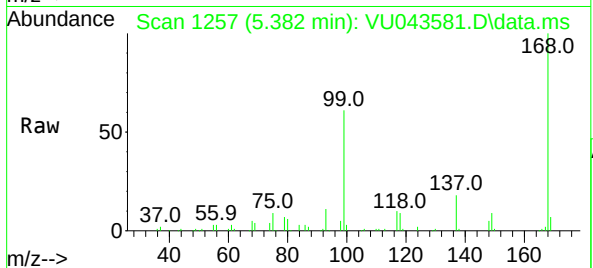
Tgt Ion:	75	Resp:	10579
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.2	48.5#
77	0.0	24.4	36.6#

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-598-600



#37

Ethyl Acetate

Concen: 0.72 ug/l

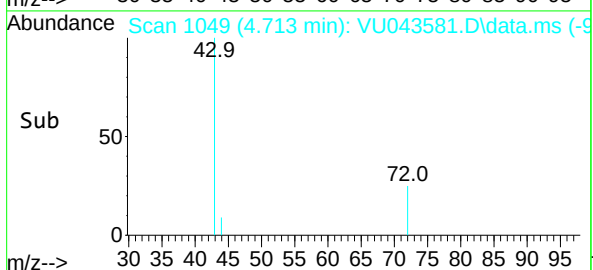
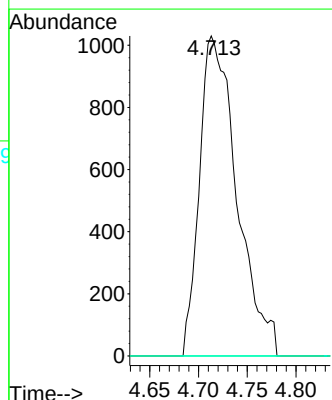
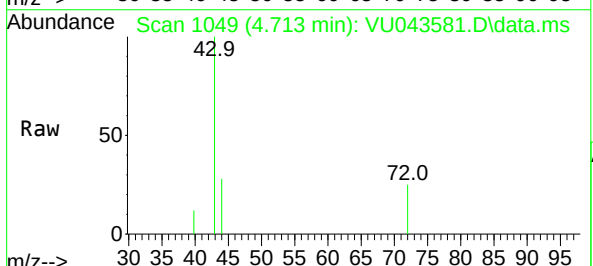
RT: 4.713 min Scan# 1049

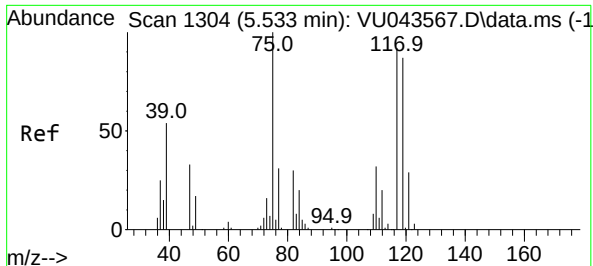
Delta R.T. -0.096 min

Lab File: VU043581.D

Acq: 06 May 2021 14:27

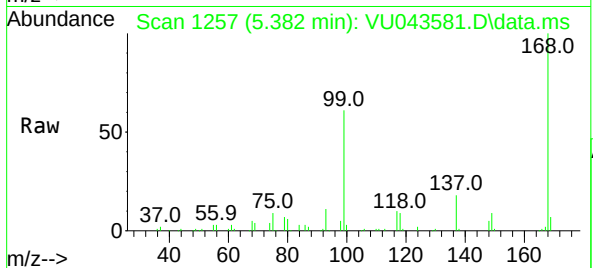
Tgt Ion:	43	Resp:	2754
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	6.5	9.7#



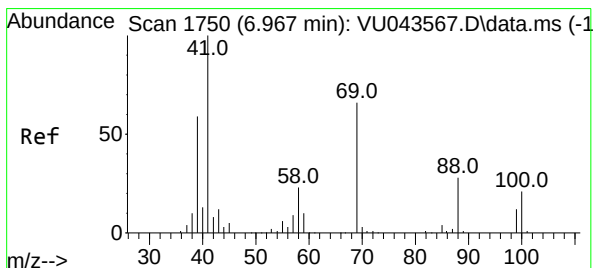
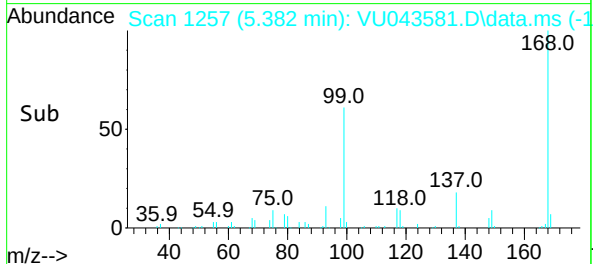
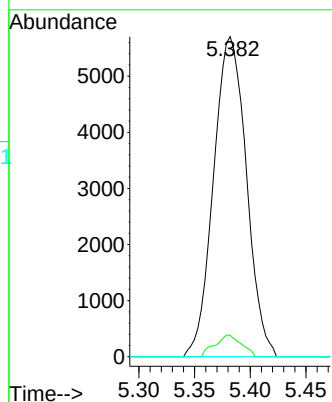


#38
Carbon Tetrachloride
Concen: 5.12 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

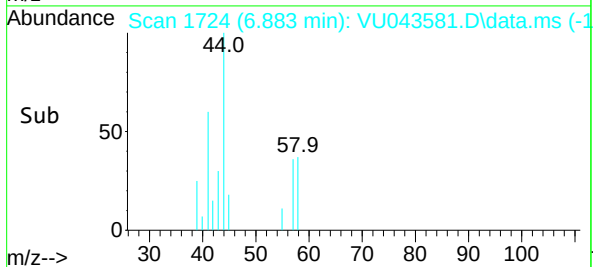
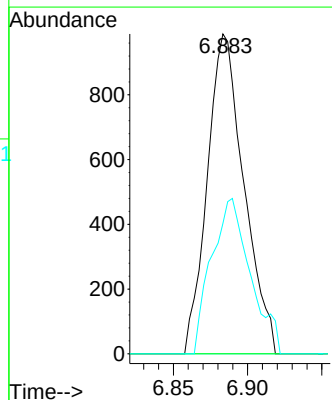
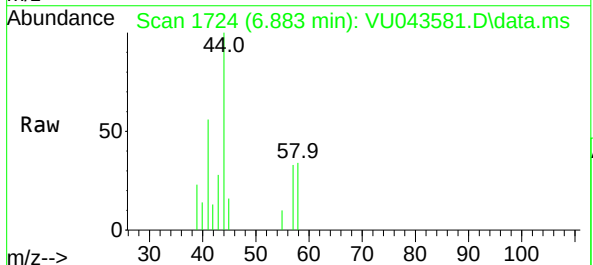


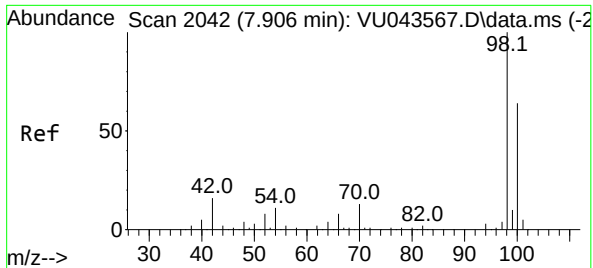
Tgt Ion: 117 Resp: 11726
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.0#
121 0.0 25.2 37.8#



#48
Methyl methacrylate
Concen: 0.60 ug/l
RT: 6.883 min Scan# 1724
Delta R.T. -0.083 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 41 Resp: 1695
Ion Ratio Lower Upper
41 100
69 0.0 52.8 79.2#
39 51.6 47.0 70.6

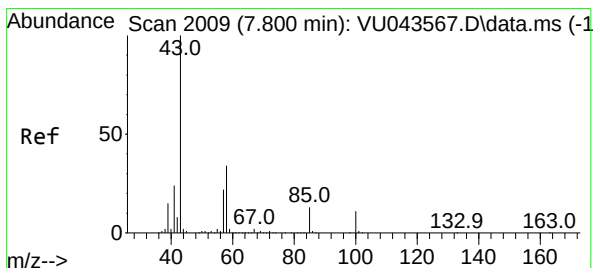
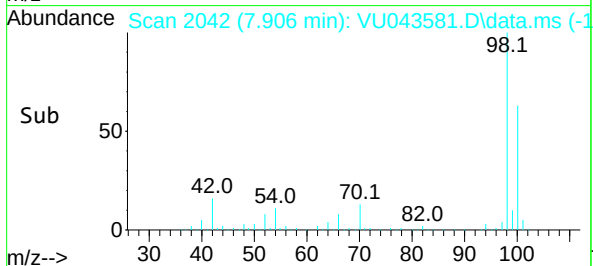
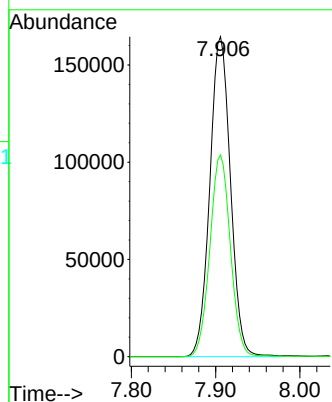
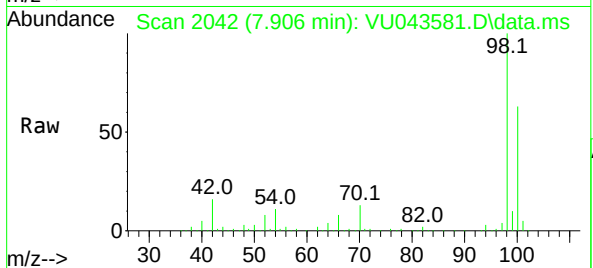




#50
Toluene-d8
Concen: 49.85 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

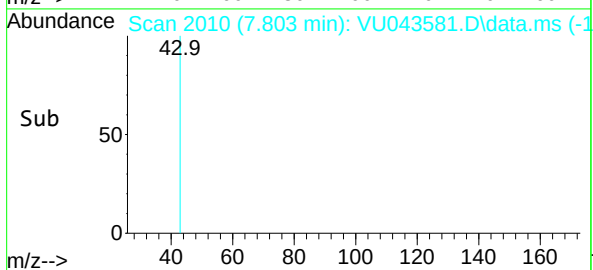
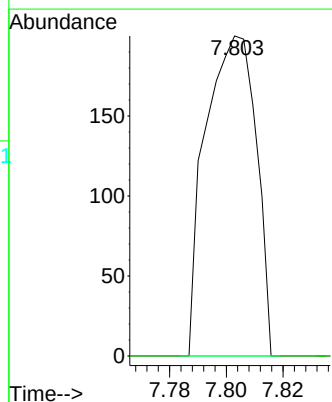
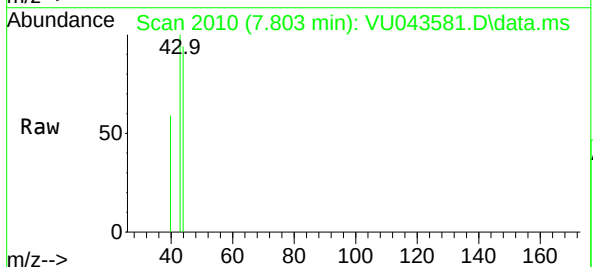
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

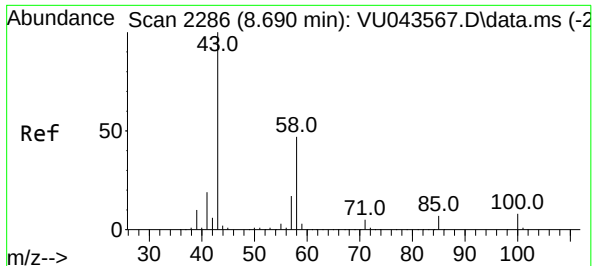
Tgt Ion: 98 Resp: 280400
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.23 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#

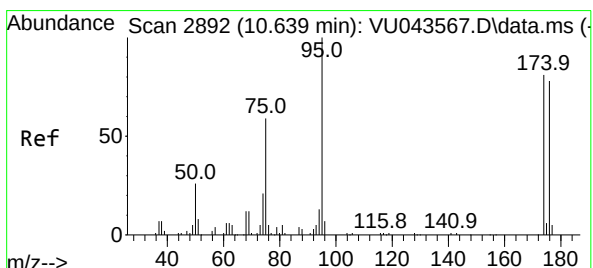
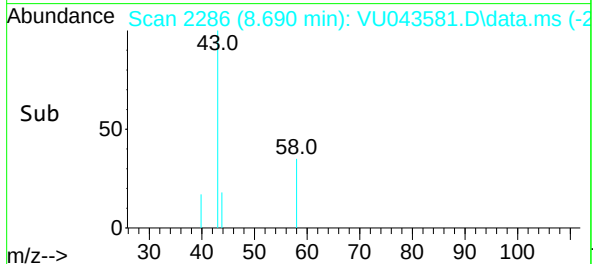
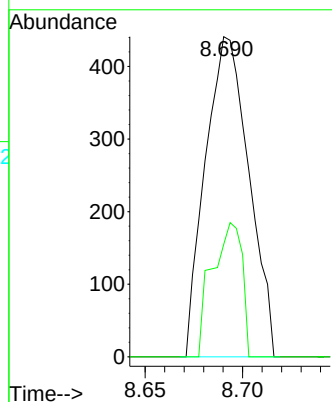
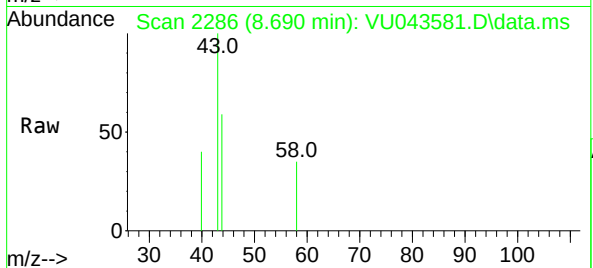




#59
2-Hexanone
Concen: 20.88 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

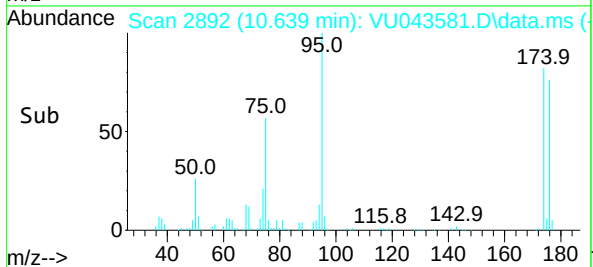
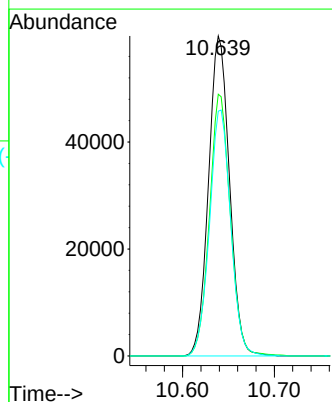
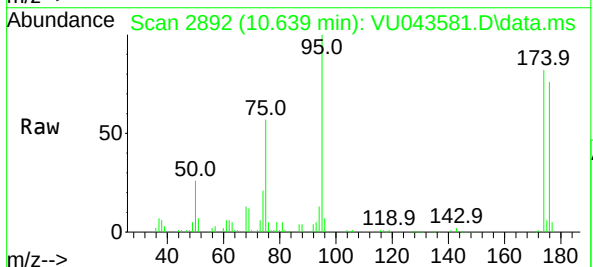
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

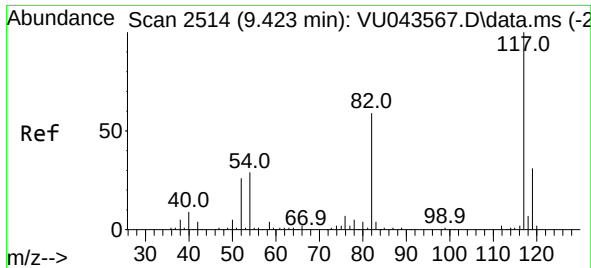
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
58 28.8 23.4 70.2



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 95 Resp: 95001
Ion Ratio Lower Upper
95 100
174 81.5 0.0 158.8
176 77.7 0.0 155.6

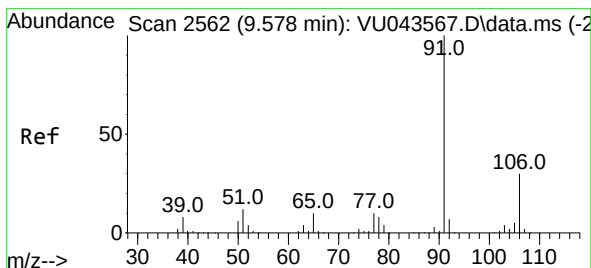
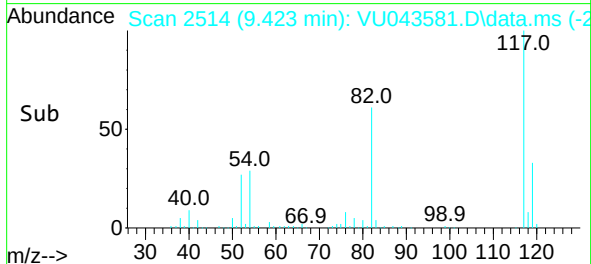
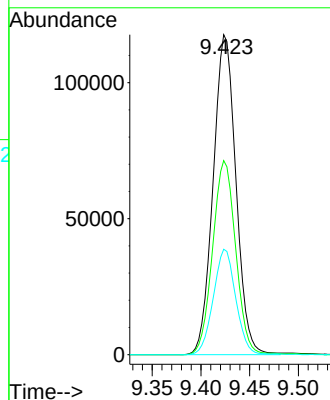
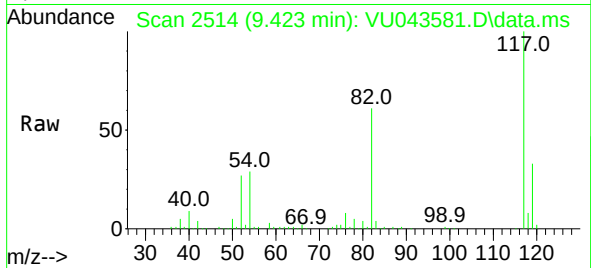




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

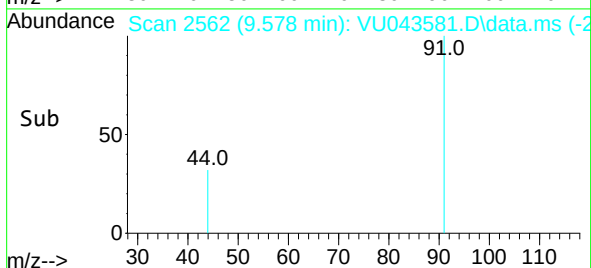
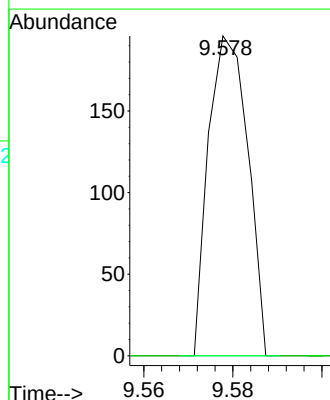
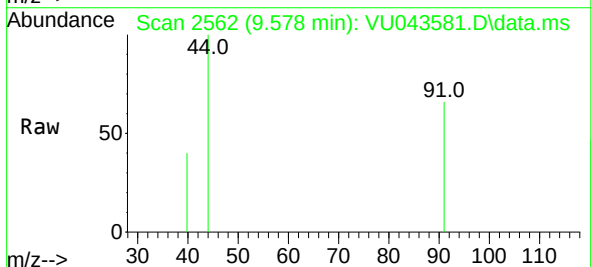
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

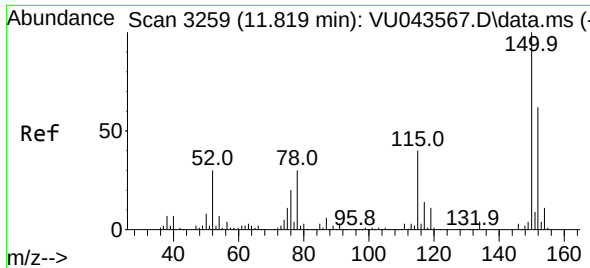
Tgt Ion:117 Resp: 191391
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 33.0 24.7 37.1



#67
Ethyl Benzene
Concen: 1.46 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 91 Resp: 120
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

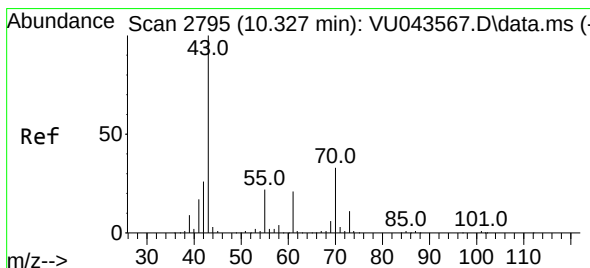
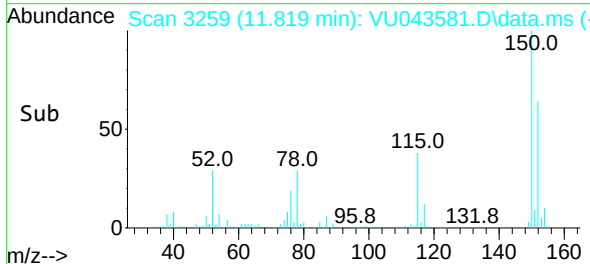
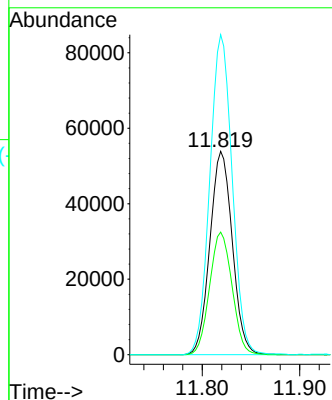
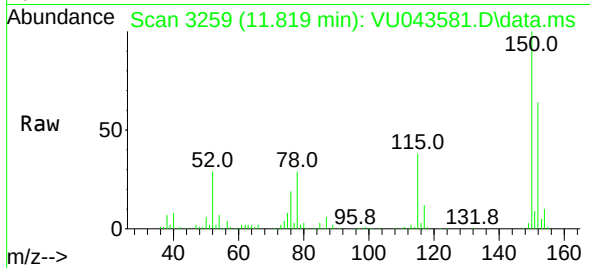




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU043581.D
 Acq: 06 May 2021 14:27

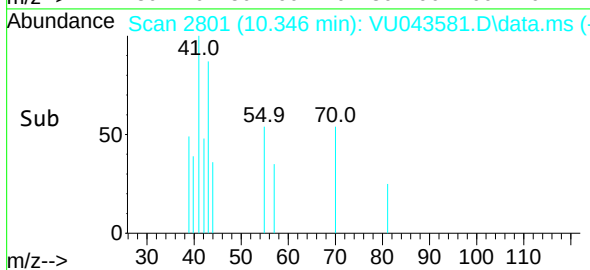
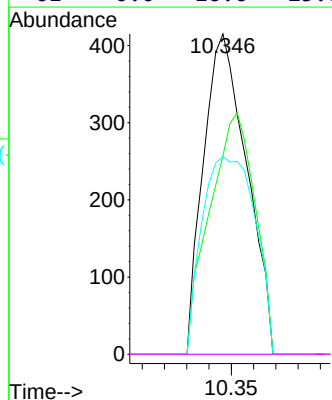
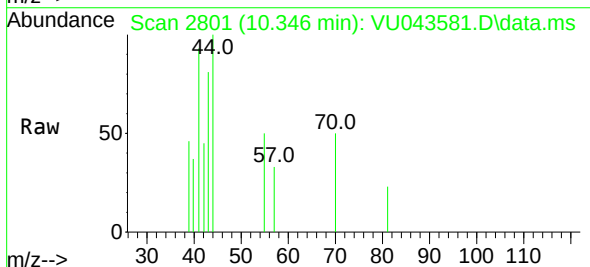
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-598-600

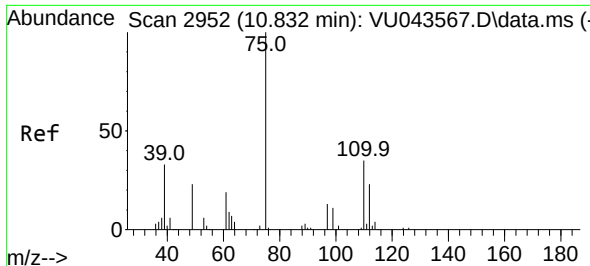
Tgt Ion:152 Resp: 86120
 Ion Ratio Lower Upper
 152 100
 115 60.1 46.1 138.3
 150 157.0 0.0 361.0



#74
 N-ethyl acetate
 Concen: 2.63 ug/l
 RT: 10.346 min Scan# 2801
 Delta R.T. 0.019 min
 Lab File: VU043581.D
 Acq: 06 May 2021 14:27

Tgt Ion: 43 Resp: 559
 Ion Ratio Lower Upper
 43 100
 70 78.9 26.4 39.6#
 55 75.7 18.0 27.0#
 61 0.0 16.6 25.0#

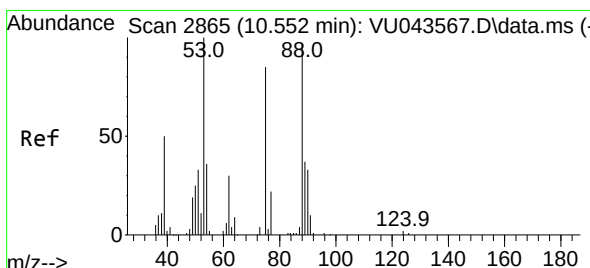
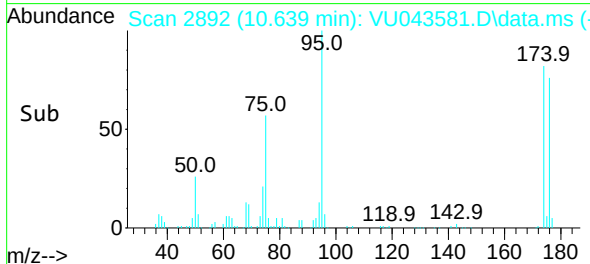
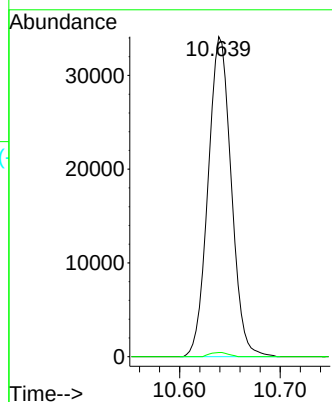
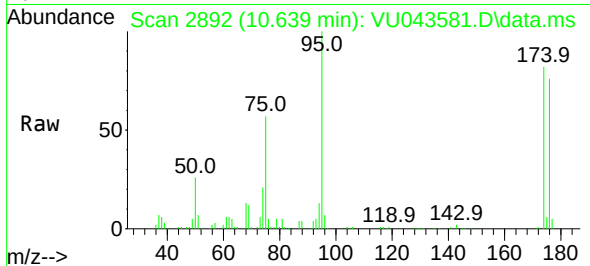




#76
1,2,3-Trichloropropane
Concen: 19.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

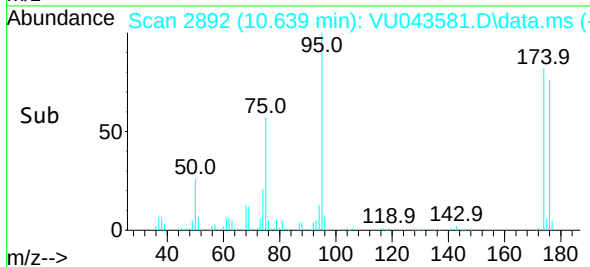
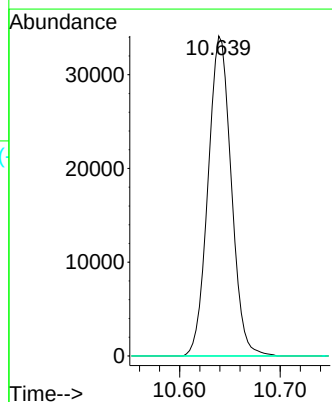
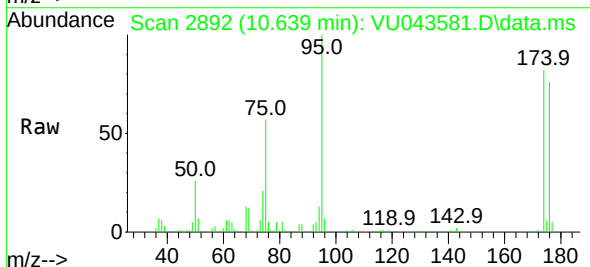
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-598-600

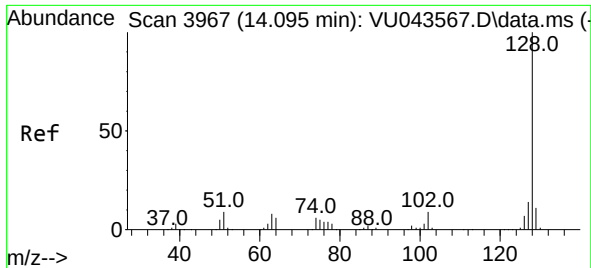
Tgt Ion: 75 Resp: 54737
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.10 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043581.D
Acq: 06 May 2021 14:27

Tgt Ion: 75 Resp: 54737
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#





#95

Naphthalene

Concen: 1.57 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VU043581.D

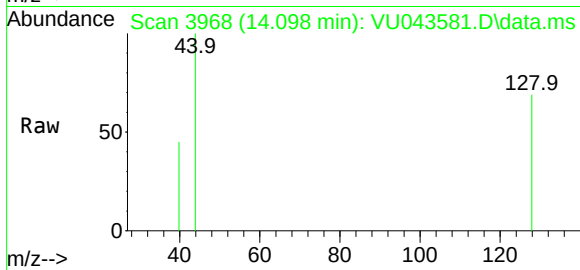
Acq: 06 May 2021 14:27

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-598-600



Tgt Ion:128 Resp: 353

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 0.0 8.6 12.8#

