

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045584.D
 Acq On : 06 Nov 2021 01:45
 Operator : SY/MD
 Sample : M4508-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-558-560

Quant Time: Nov 06 21:51:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

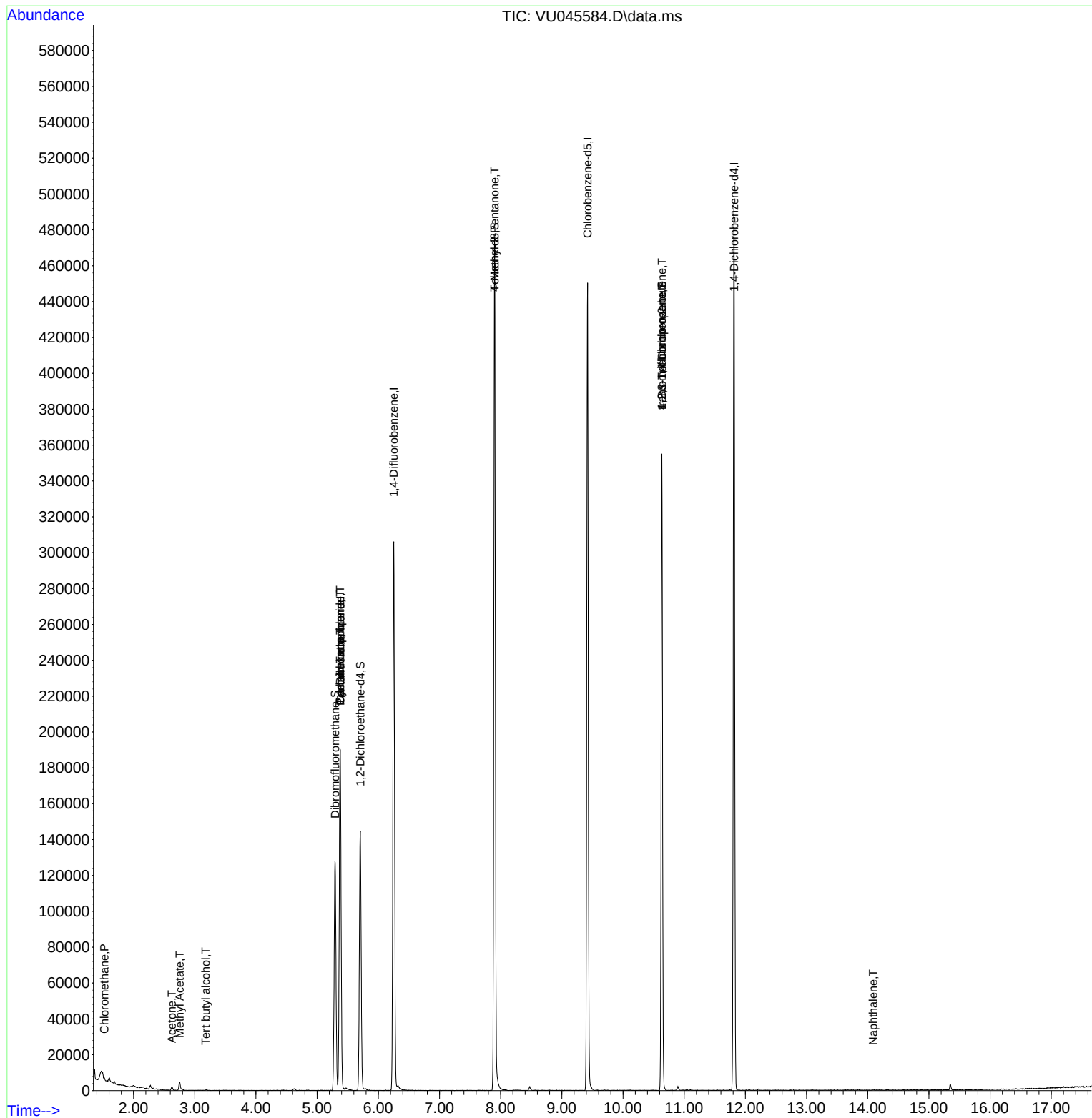
Internal Standards						
1) Pentafluorobenzene	5.378	168	124361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	240043	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	242292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	122101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	107167	57.541	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.080%	
35) Dibromofluoromethane	5.295	113	82456	51.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	7.899	98	316440	53.099	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	10.635	95	120122	50.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	455	0.247	ug/l #	41
11) Tert butyl alcohol	3.179	59	133	0.361	ug/l #	72
16) Acetone	2.626	43	2265	2.389	ug/l	96
18) Methyl Acetate	2.755	43	1282	0.397	ug/l #	50
31) Cyclohexane	5.375	56	2981	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11028	4.712	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13362	5.663	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1161	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	62916	16.991	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	62916	55.324	ug/l #	12
95) Naphthalene	14.089	128	444	1.073	ug/l #	69

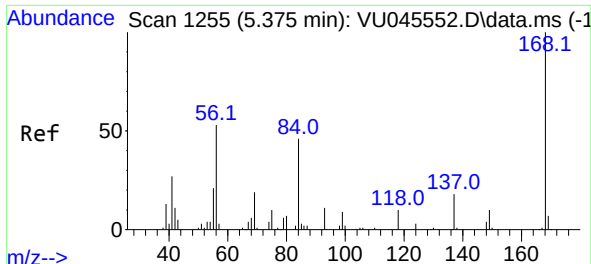
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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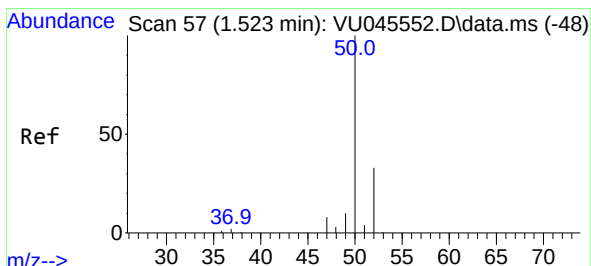
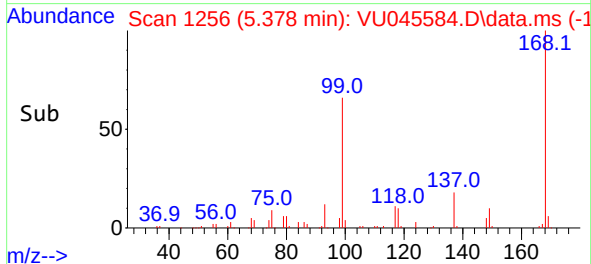
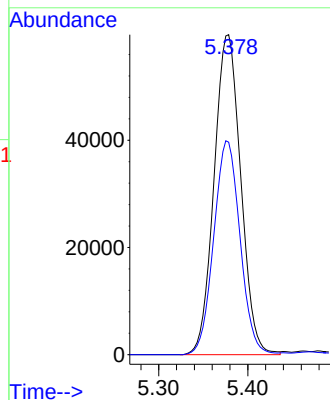
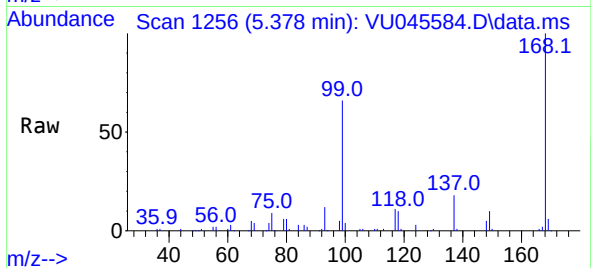




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

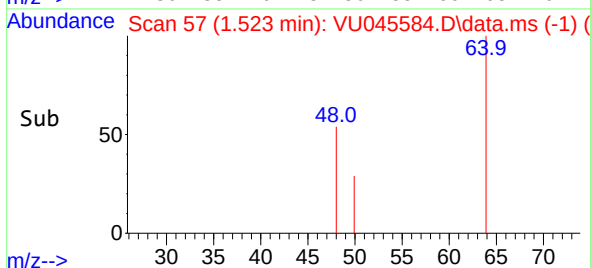
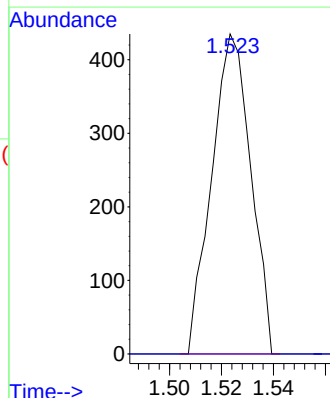
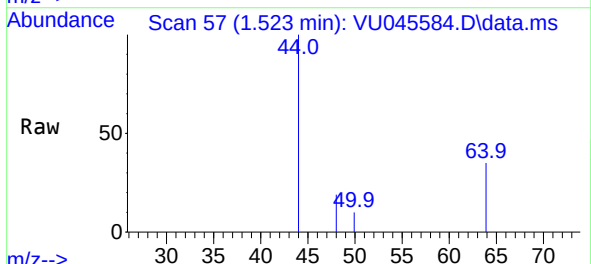
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-558-560

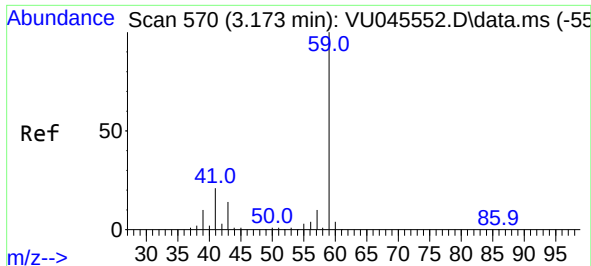
Tgt Ion:168 Resp: 124361
Ion Ratio Lower Upper
168 100
99 66.4 51.0 76.6



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Tgt Ion: 50 Resp: 455
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#11

Tert butyl alcohol

Concen: 0.361 ug/l

RT: 3.179 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU045584.D

Acq: 06 Nov 2021 01:45

Instrument :

MSVOA_U

ClientSampleId :

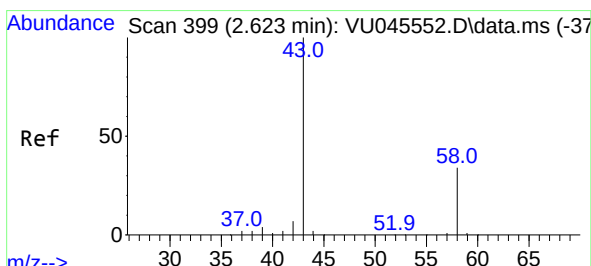
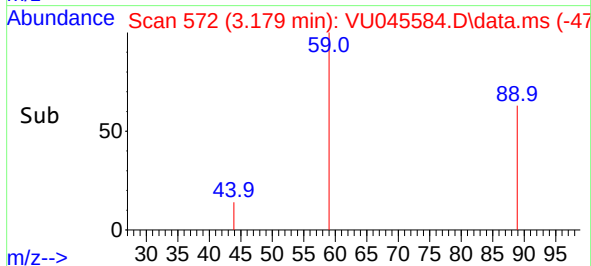
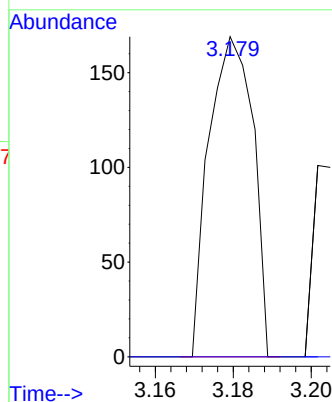
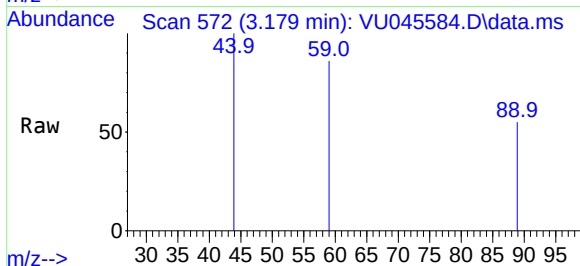
BP-VPB-RW9-GW-558-560

Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.389 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045584.D

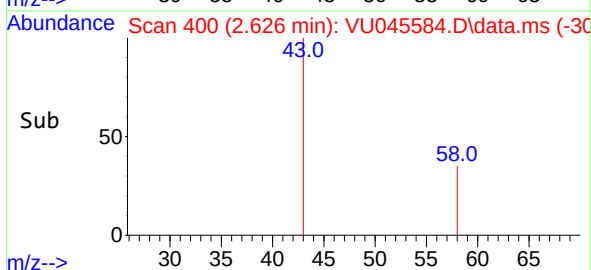
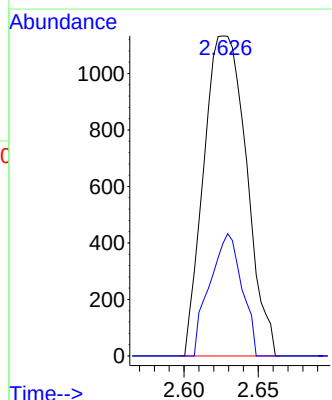
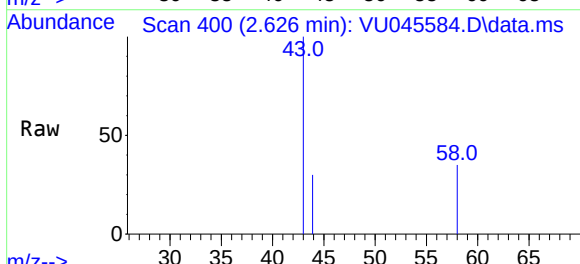
Acq: 06 Nov 2021 01:45

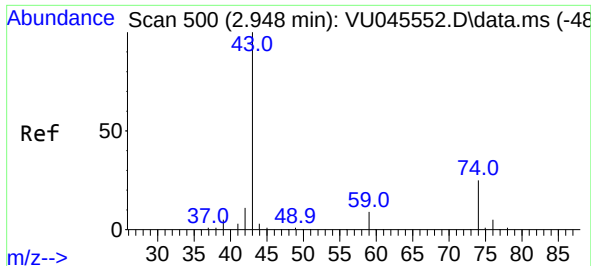
Tgt Ion: 43 Resp: 2265

Ion Ratio Lower Upper

43 100

58 35.1 26.2 39.2

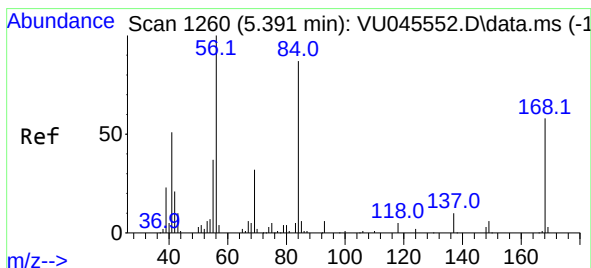
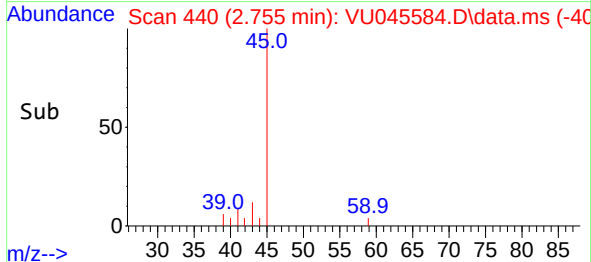
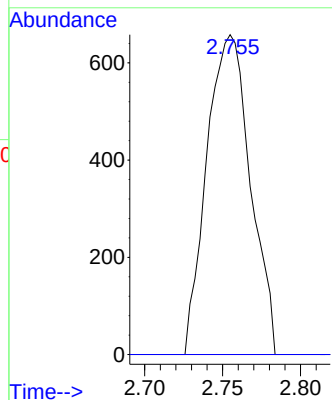
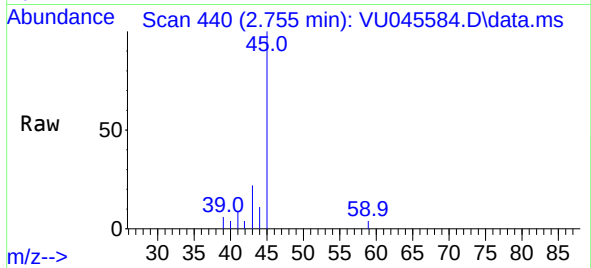




#18
Methyl Acetate
Concen: 0.397 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

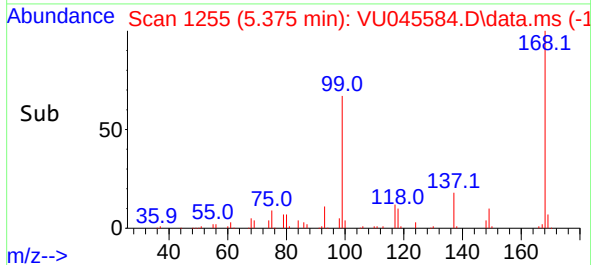
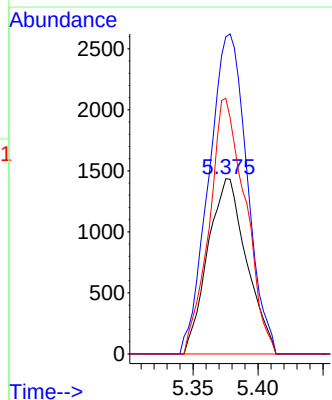
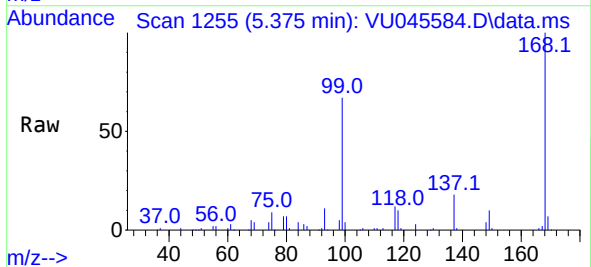
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-558-560

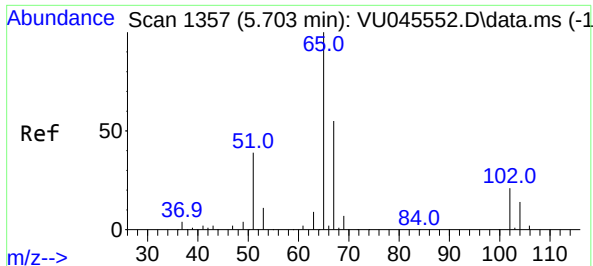
Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Tgt Ion: 56 Resp: 2981
Ion Ratio Lower Upper
56 100
69 181.0 26.4 39.6#
84 145.9 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 57.541 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045584.D

Acq: 06 Nov 2021 01:45

Instrument :

MSVOA_U

ClientSampleId :

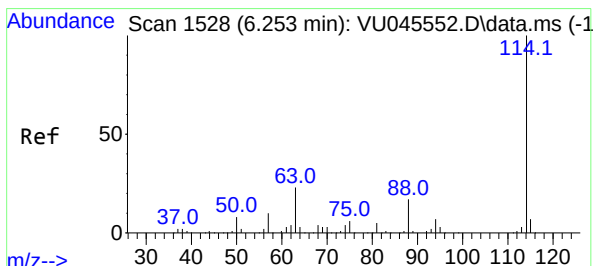
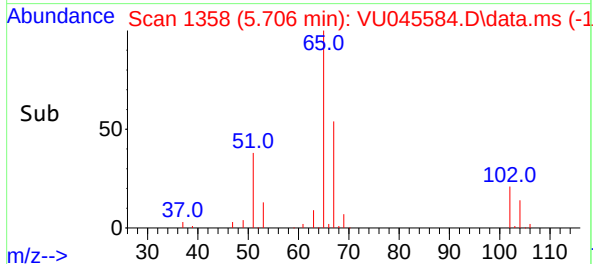
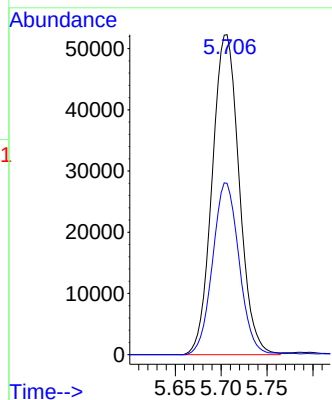
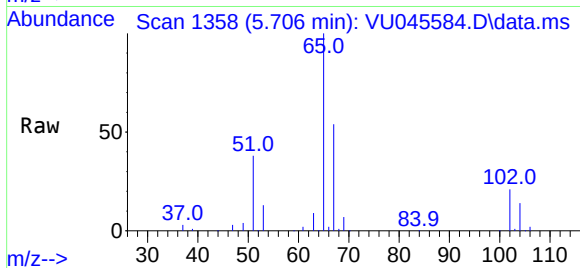
BP-VPB-RW9-GW-558-560

Tgt Ion: 65 Resp: 107167

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045584.D

Acq: 06 Nov 2021 01:45

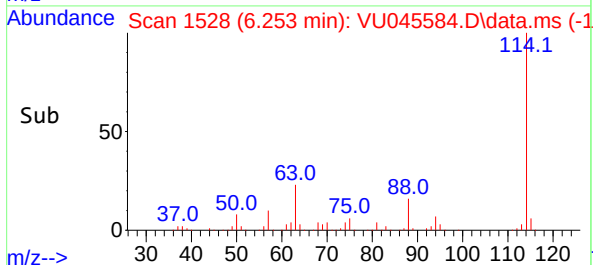
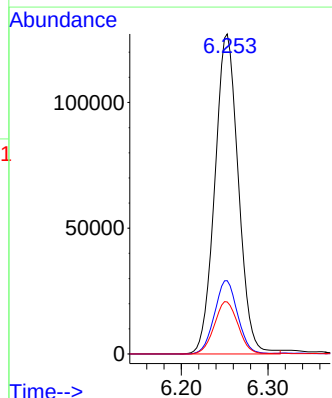
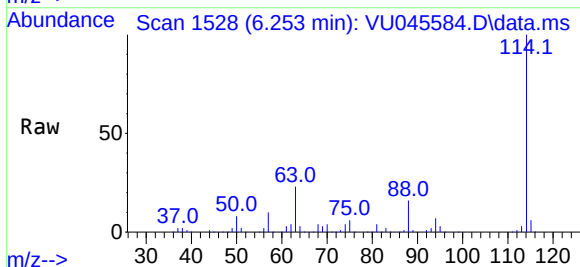
Tgt Ion: 114 Resp: 240043

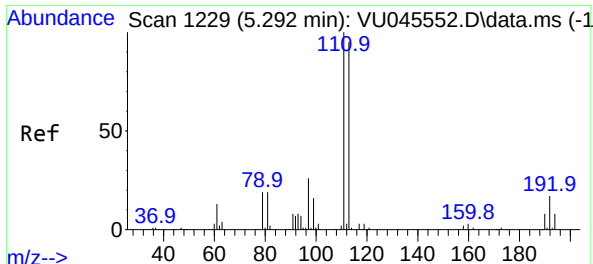
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.450 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045584.D

Acq: 06 Nov 2021 01:45

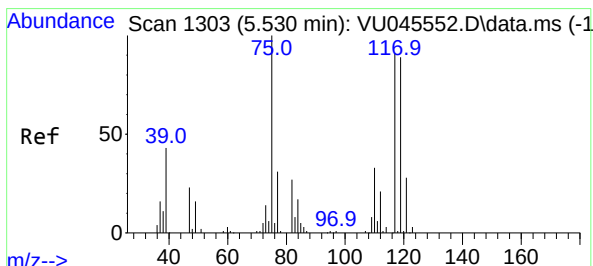
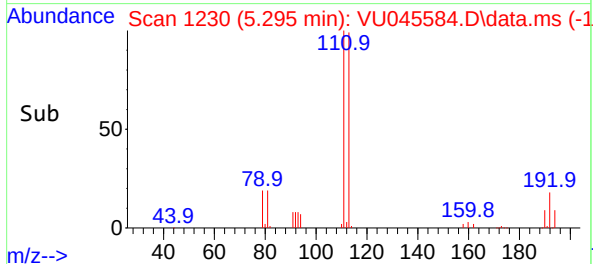
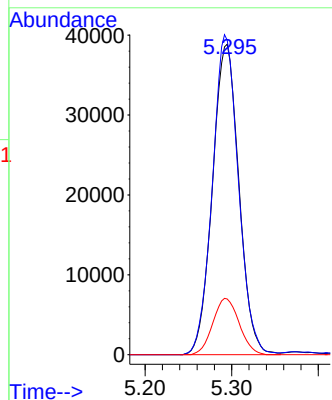
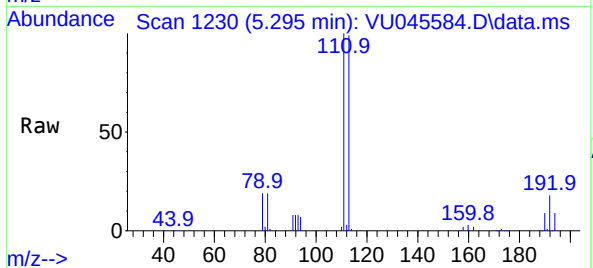
Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-558-560

Tgt Ion:113	Resp:	82456
Ion Ratio	Lower	Upper
113	100	
111	101.2	82.8 124.2
192	18.1	14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.712 ug/l

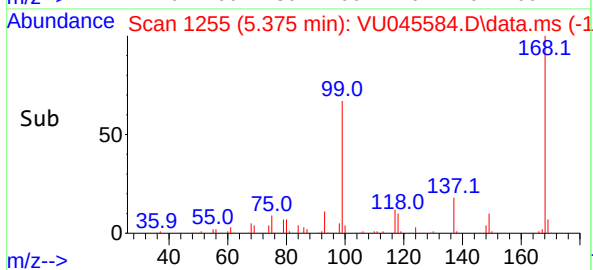
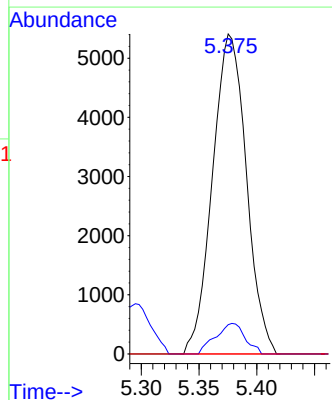
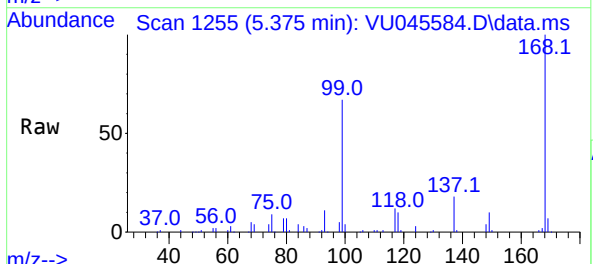
RT: 5.375 min Scan# 1255

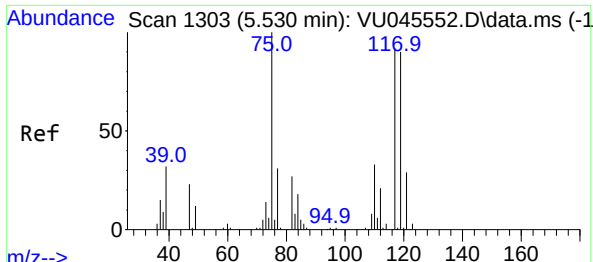
Delta R.T. -0.154 min

Lab File: VU045584.D

Acq: 06 Nov 2021 01:45

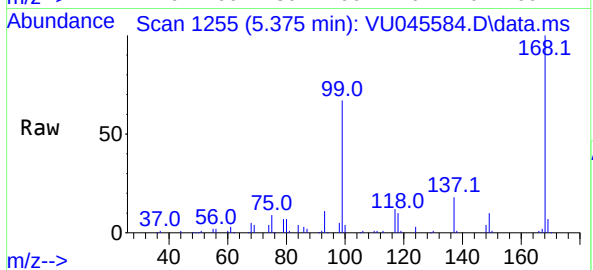
Tgt Ion: 75	Resp:	11028
Ion Ratio	Lower	Upper
75	100	
110	8.3	16.7 50.0#
77	0.0	25.0 37.4#



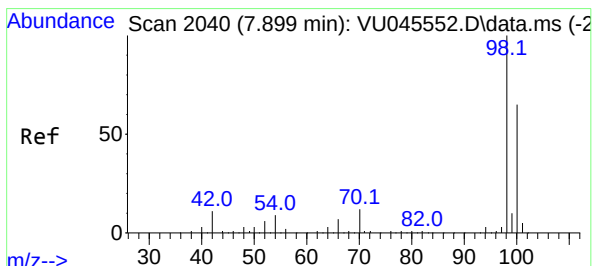
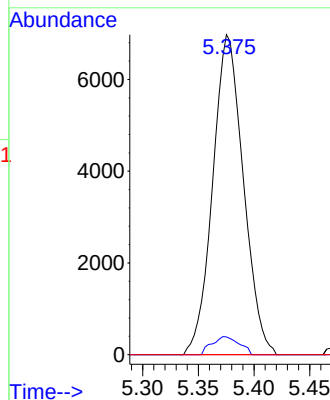
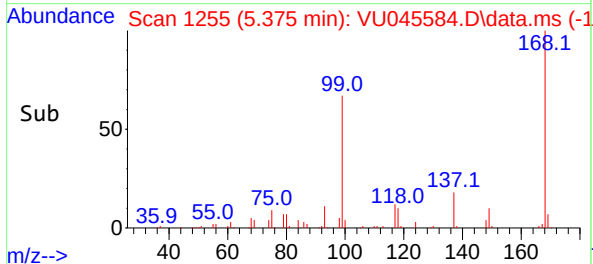


#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-558-560

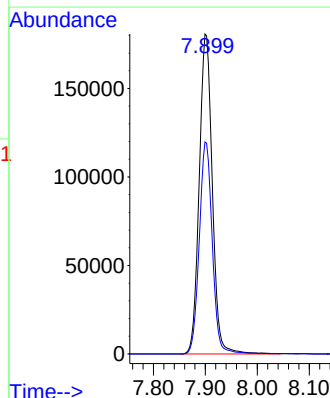
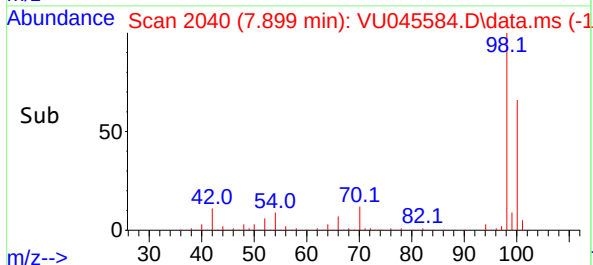
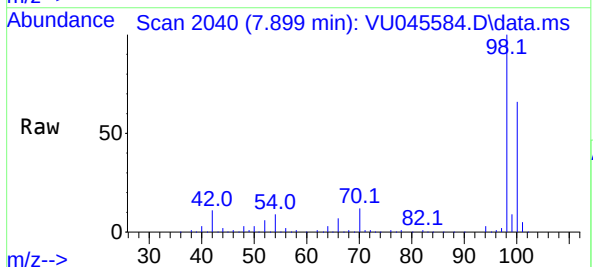


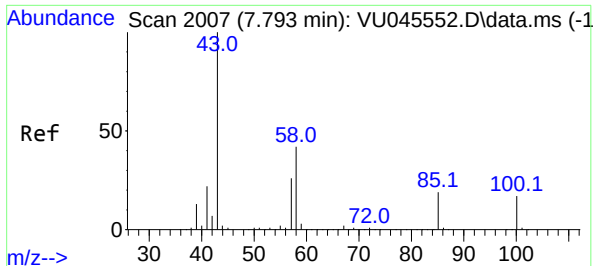
Tgt Ion:117 Resp: 13362
Ion Ratio Lower Upper
117 100
119 5.6 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.099 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Tgt Ion: 98 Resp: 316440
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

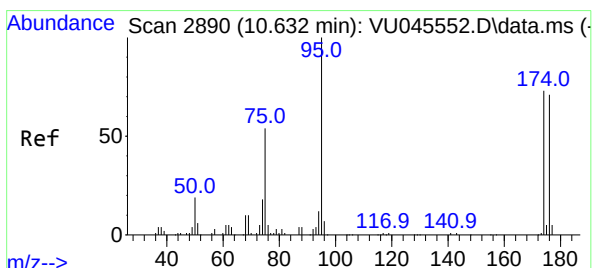
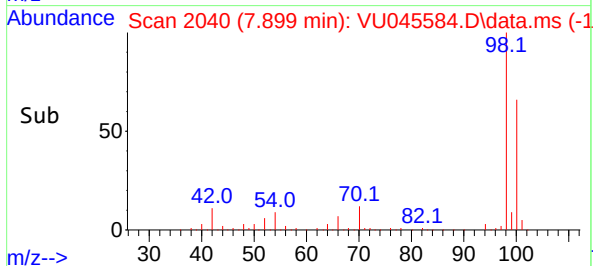
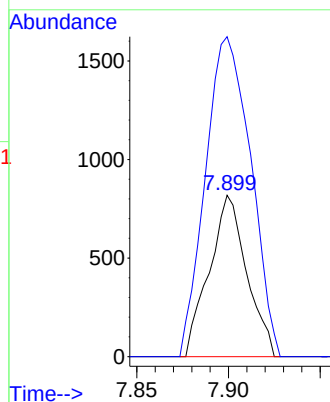
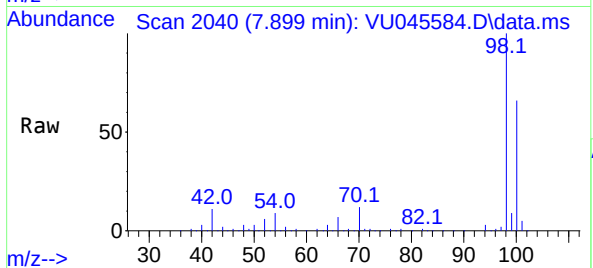




#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 7.899 min Scan# 2007
Delta R.T. 0.106 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

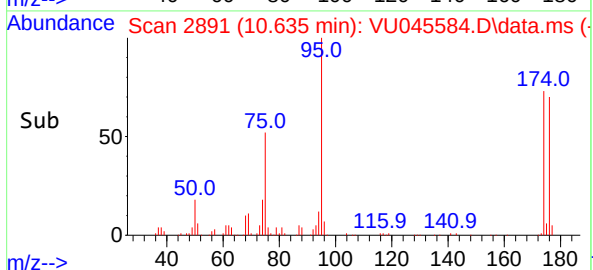
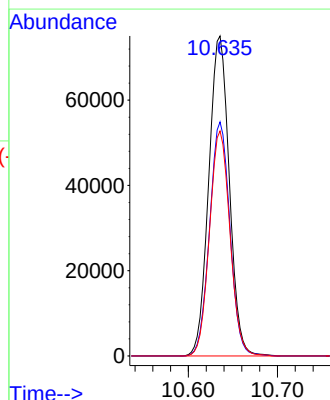
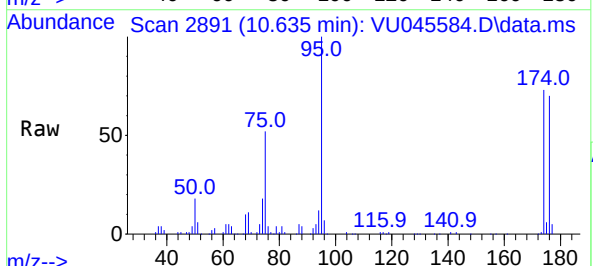
Instrument :
MSVOA_U
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BP-VPB-RW9-GW-558-560

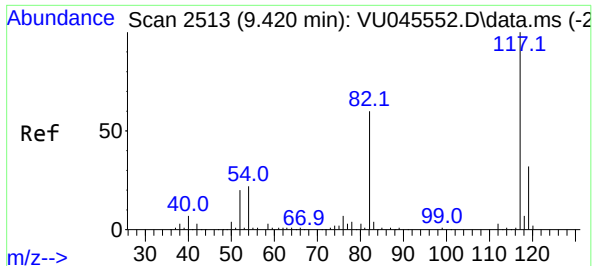
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 240.1 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.267 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Tgt Ion: 95 Resp: 120122
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 70.0 0.0 138.2

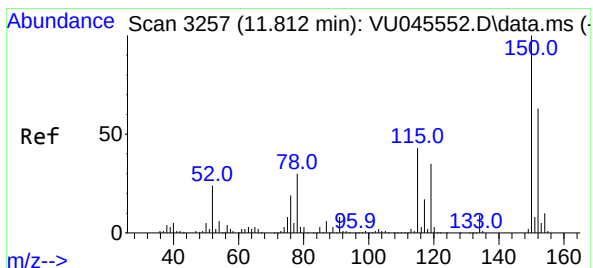
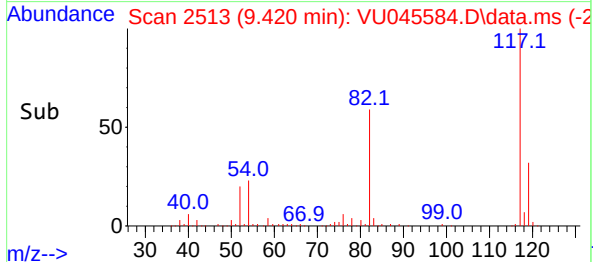
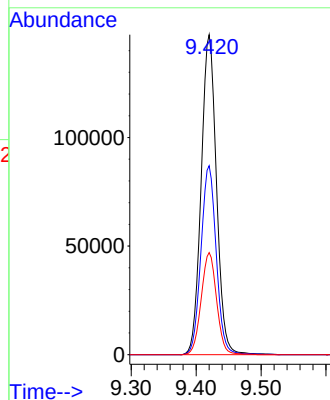
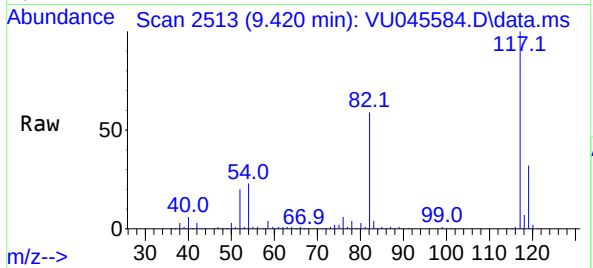




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

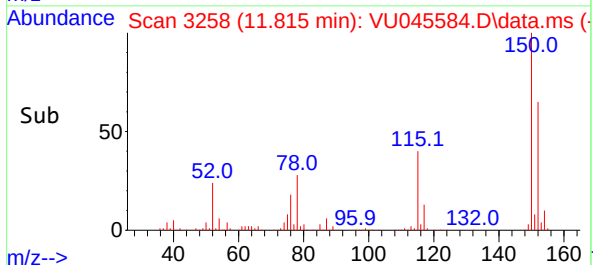
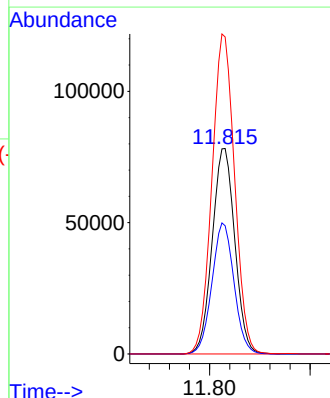
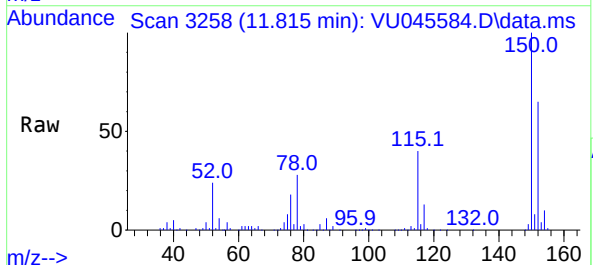
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-558-560

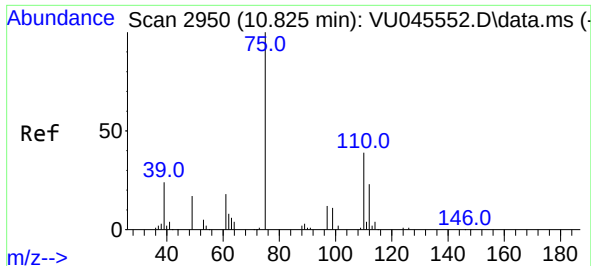
Tgt Ion:117 Resp: 242292
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Tgt Ion:152 Resp: 122101
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 156.0 0.0 346.8

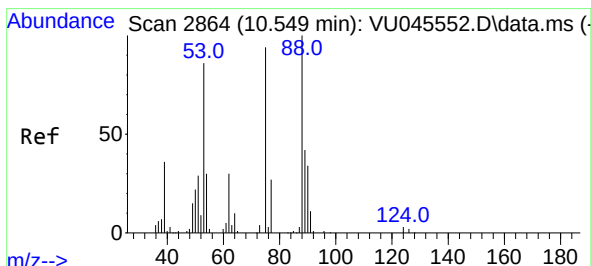
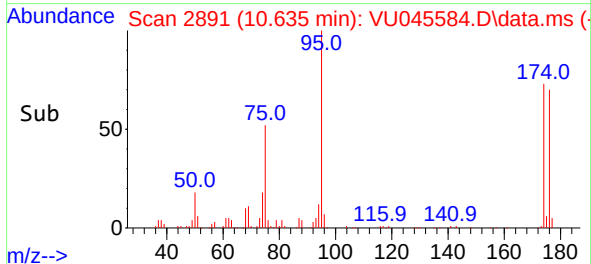
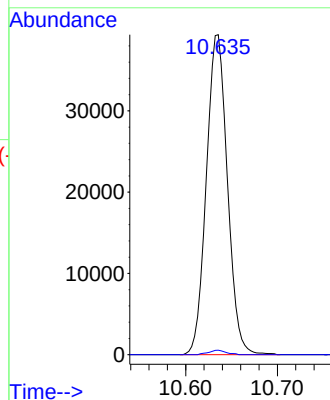
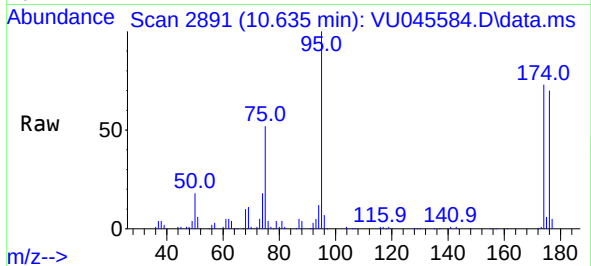




#76
1,2,3-Trichloropropane
Concen: 16.991 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

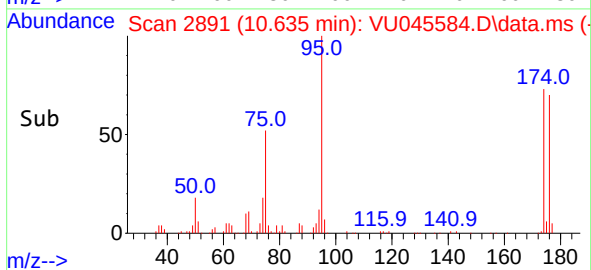
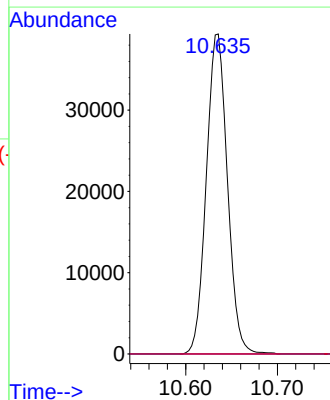
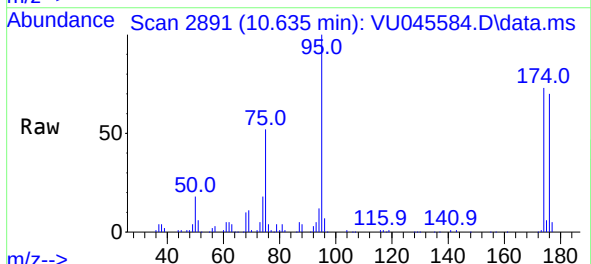
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-558-560

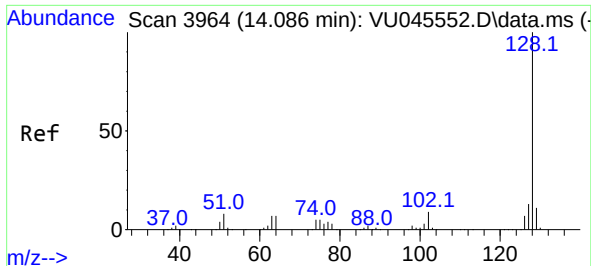
Tgt Ion: 75 Resp: 62916
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.324 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045584.D
Acq: 06 Nov 2021 01:45

Tgt Ion: 75 Resp: 62916
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.073 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045584.D

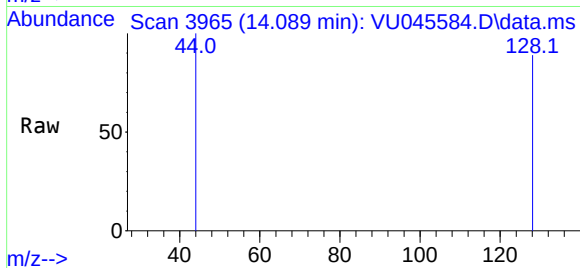
Acq: 06 Nov 2021 01:45

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-558-560



Tgt Ion:	128	Resp:	444
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

