

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044991.D
 Acq On : 29 Sep 2021 14:30
 Operator : SY/MD
 Sample : M3962-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 29 14:45:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

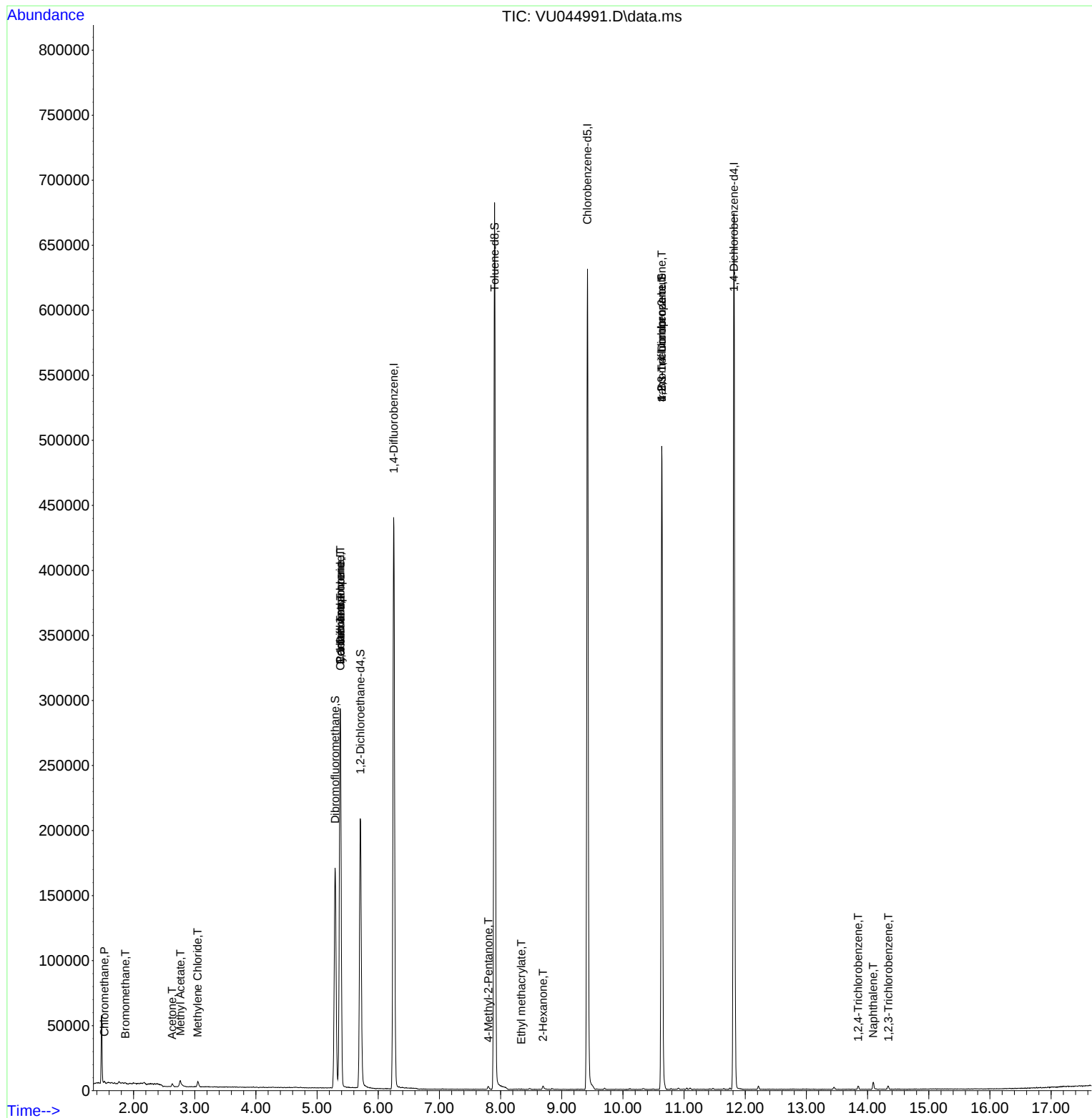
Internal Standards						
1) Pentafluorobenzene	5.378	168	191025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	344528	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	336633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	159236	50.077	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.160%		
35) Dibromofluoromethane	5.295	113	110384	50.789	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.580%		
50) Toluene-d8	7.903	98	444695	51.784	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.560%		
62) 4-Bromofluorobenzene	10.636	95	166218	46.883	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1065	0.348	ug/l	96
5) Bromomethane	1.864	94	434	0.362	ug/l	87
16) Acetone	2.629	43	2720	1.441	ug/l #	85
18) Methyl Acetate	2.764	43	1586	0.287	ug/l #	52
20) Methylene Chloride	3.047	84	1907	0.671	ug/l #	86
31) Cyclohexane	5.382	56	4909	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17632	4.894	ug/l #	50
38) Carbon Tetrachloride	5.378	117	20401	6.544	ug/l #	15
51) 4-Methyl-2-Pentanone	7.803	43	1802	0.345	ug/l	91
56) Ethyl methacrylate	8.340	69	43	1.828	ug/l #	54
59) 2-Hexanone	8.693	43	2367	0.557	ug/l	100
76) 1,2,3-Trichloropropane	10.636	75	90231	18.612	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	90231	51.651	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.844	180	897	0.275	ug/l	91
95) Naphthalene	14.092	128	5360	0.437	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.340	180	1024	0.313	ug/l	95

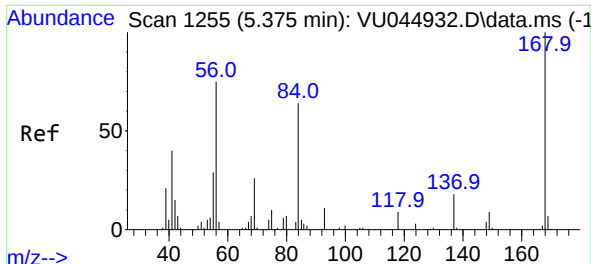
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 14:45:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

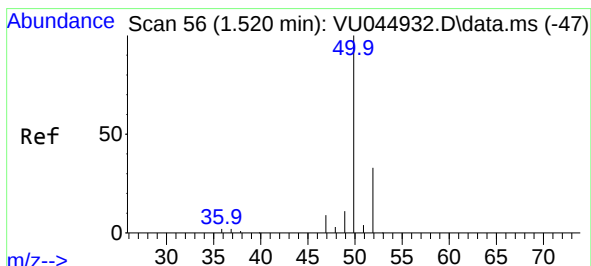
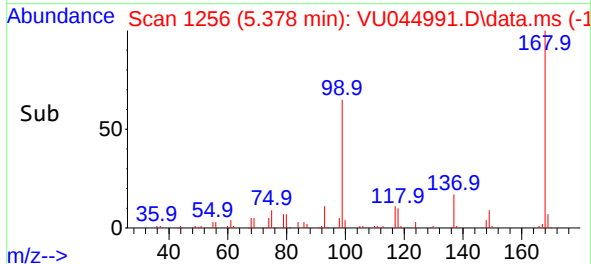
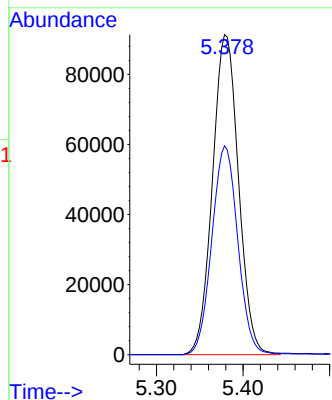
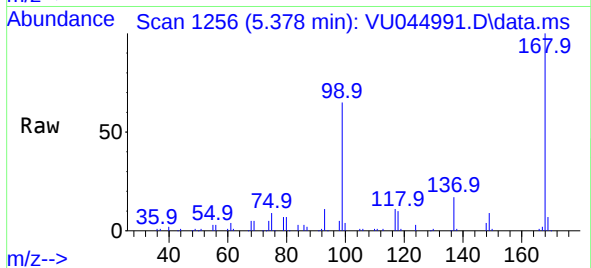




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

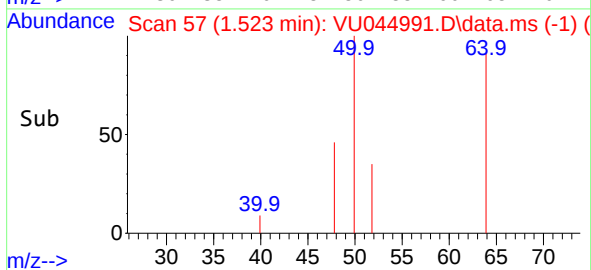
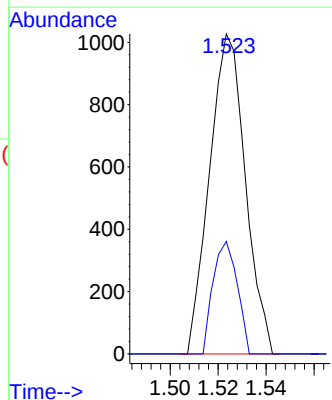
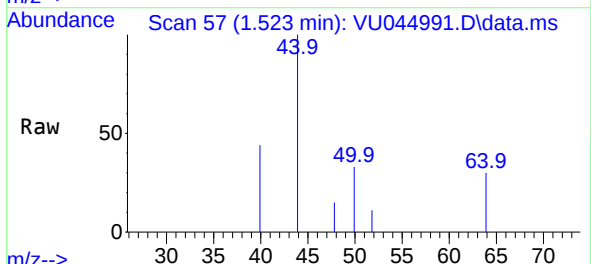
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MSVOA_U
ClientSampleId :
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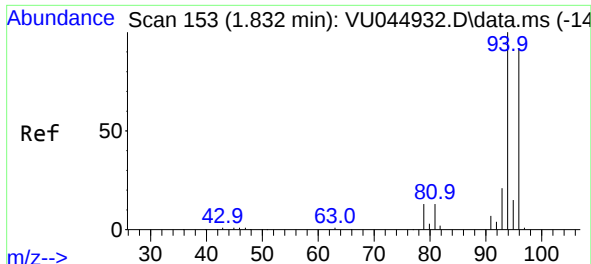
Tgt Ion:168 Resp: 191025
Ion Ratio Lower Upper
168 100
99 65.3 51.4 77.0



#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 50 Resp: 1065
Ion Ratio Lower Upper
50 100
52 35.2 26.3 39.5

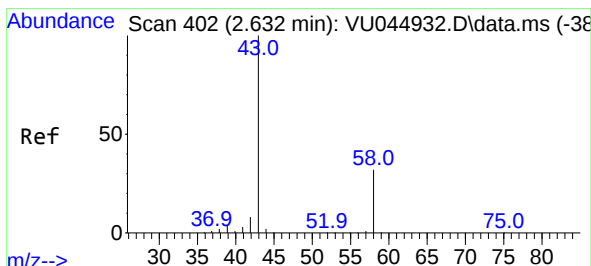
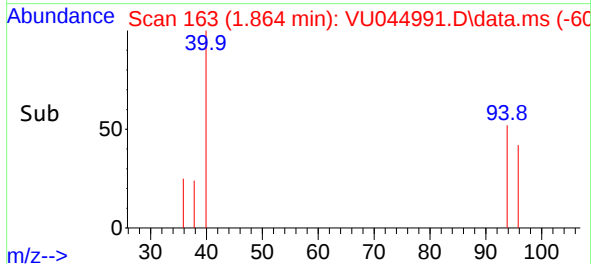
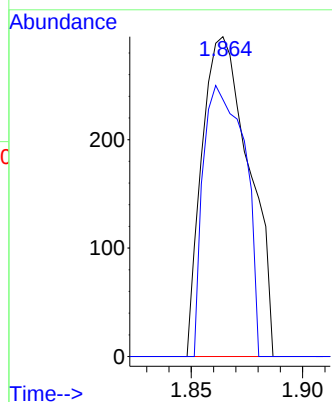
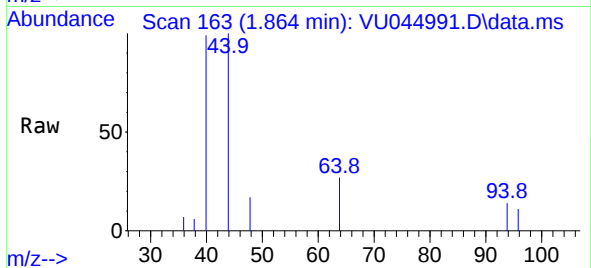




#5
Bromomethane
Concen: 0.362 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.032 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

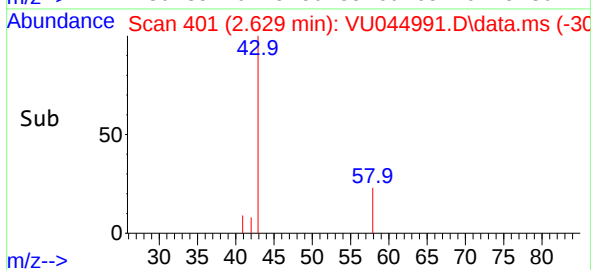
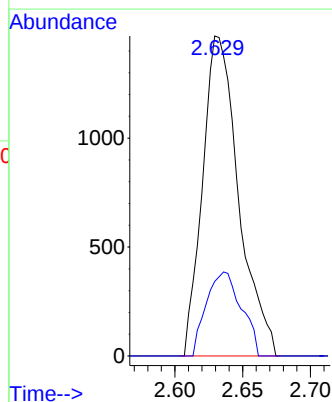
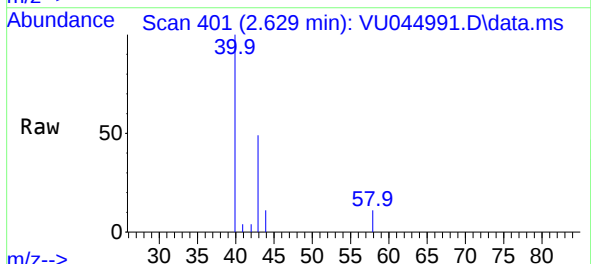
Instrument :
MSVOA_U
ClientSampleId :
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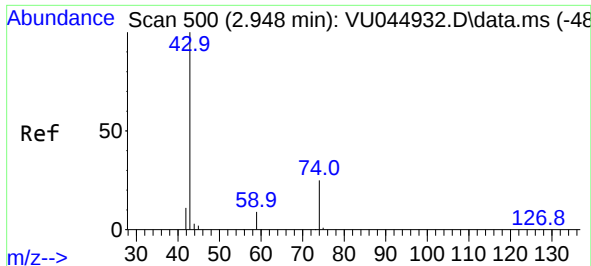
Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
96 80.3 74.5 111.7



#16
Acetone
Concen: 1.441 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 23.3 25.2 37.8#

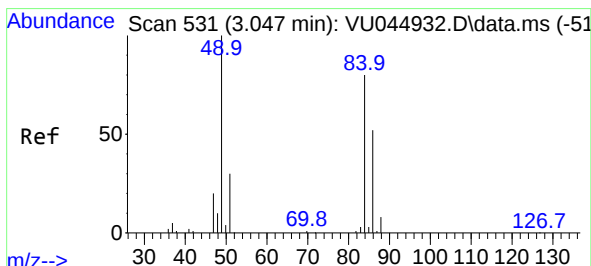
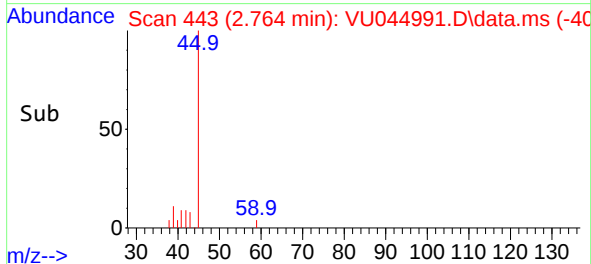
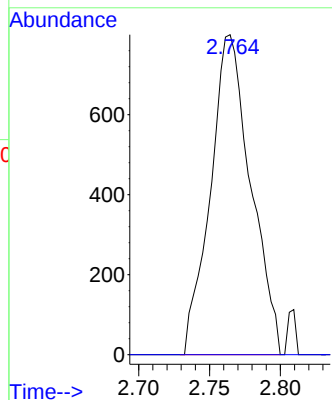
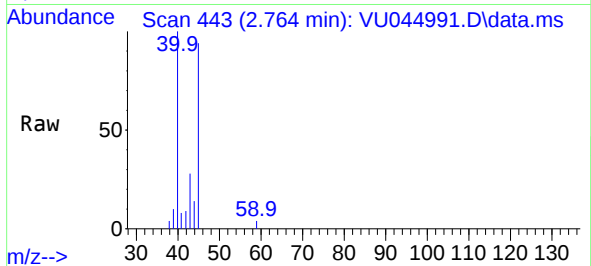




#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 2.764 min Scan# 443
Delta R.T. -0.184 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

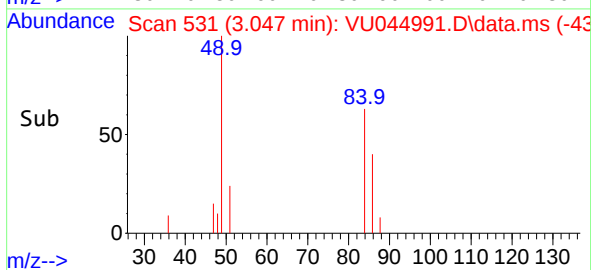
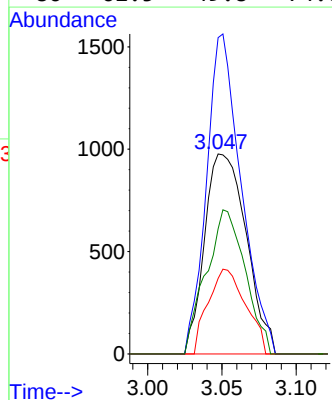
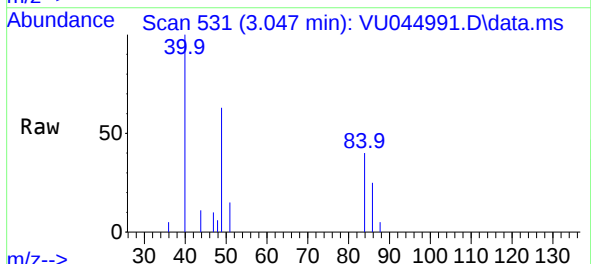
Instrument :
MSVOA_U
ClientSampleId :
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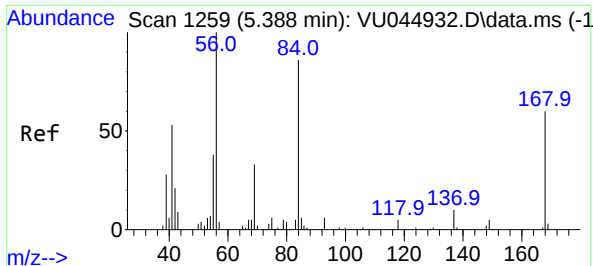
Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 0.671 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 84 Resp: 1907
Ion Ratio Lower Upper
84 100
49 158.1 104.9 157.3#
51 37.8 31.8 47.8
86 62.5 49.8 74.6

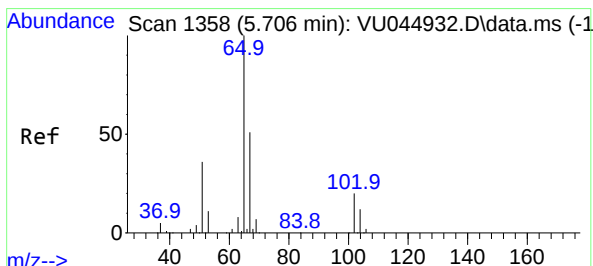
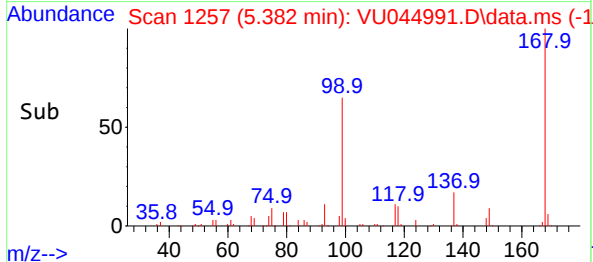
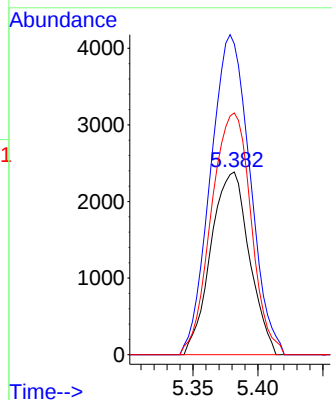
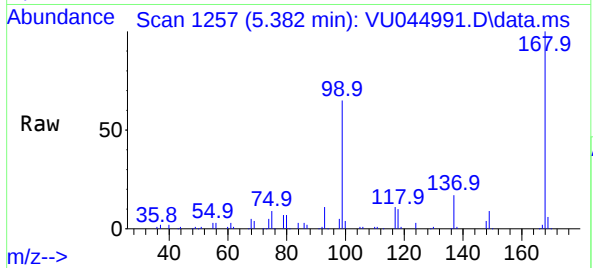




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

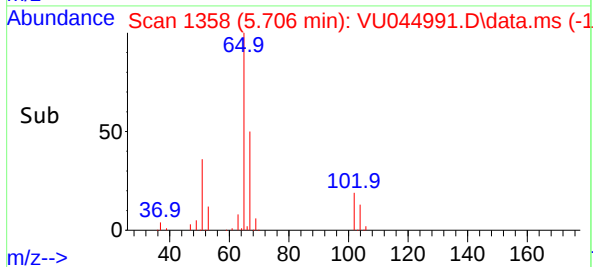
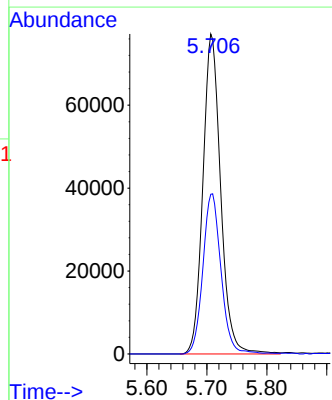
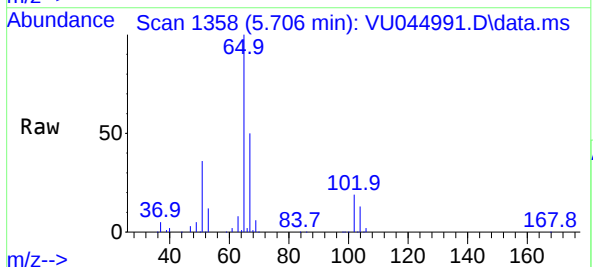
Instrument :
MSVOA_U
ClientSampleId :
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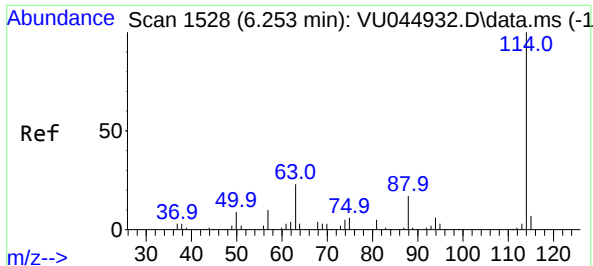
Tgt Ion: 56 Resp: 4909
Ion Ratio Lower Upper
56 100
69 170.2 25.2 37.8#
84 132.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.077 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 65 Resp: 159236
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

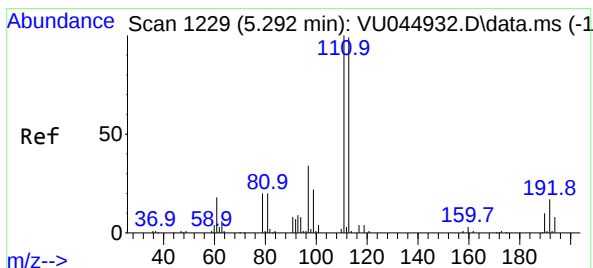
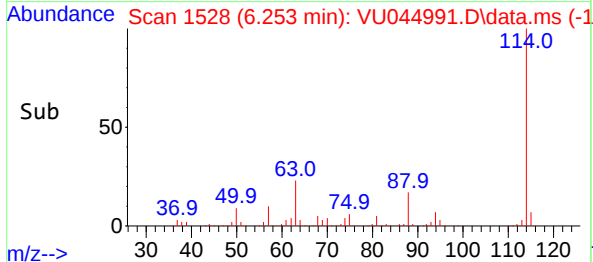
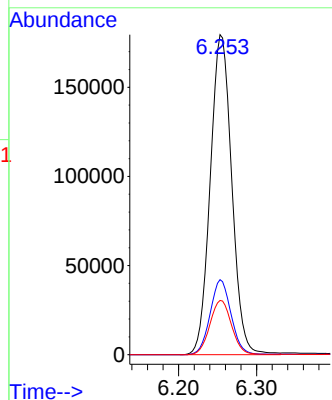
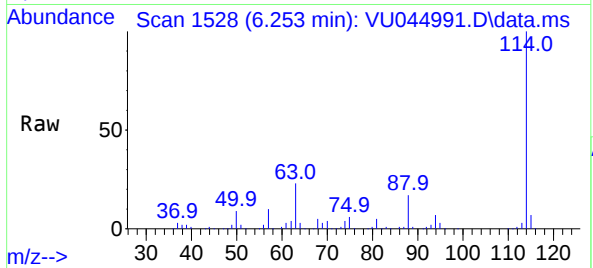




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

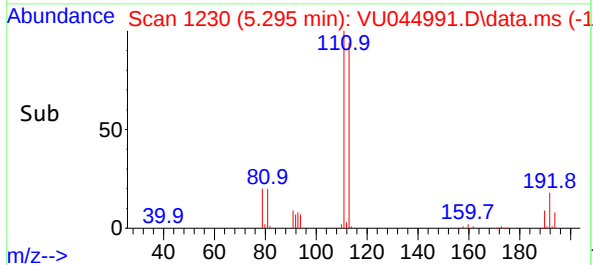
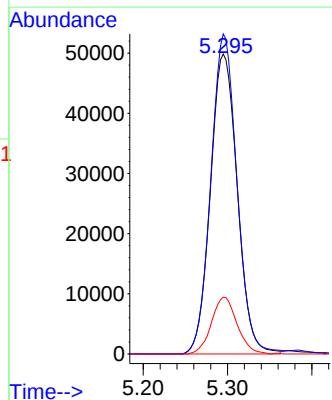
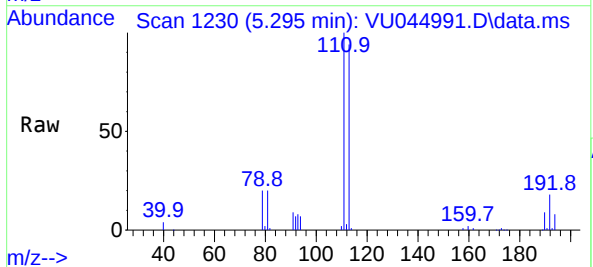
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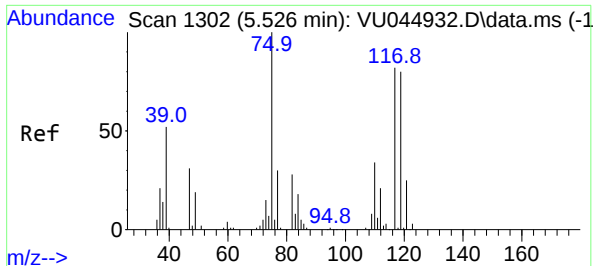
Tgt Ion:114 Resp: 344528
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.789 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion:113 Resp: 110384
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 18.1 14.8 22.2

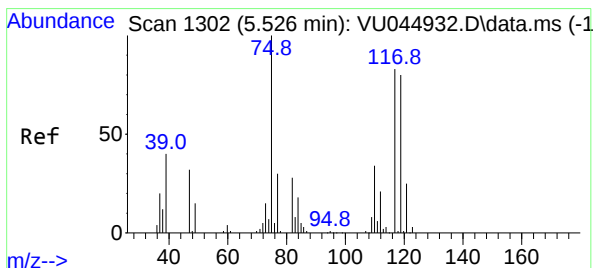
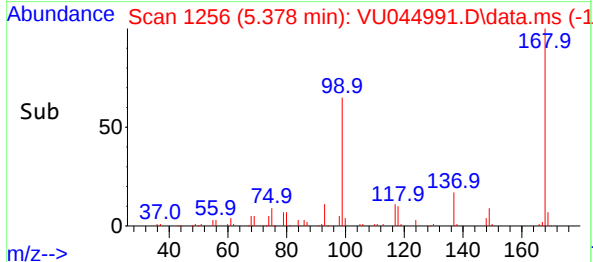
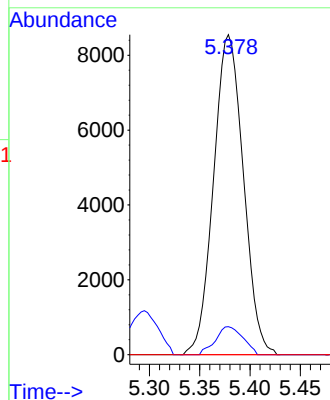
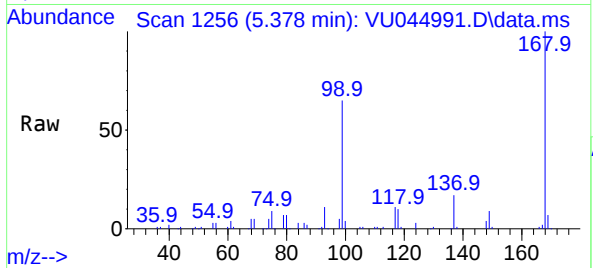




#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.147 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

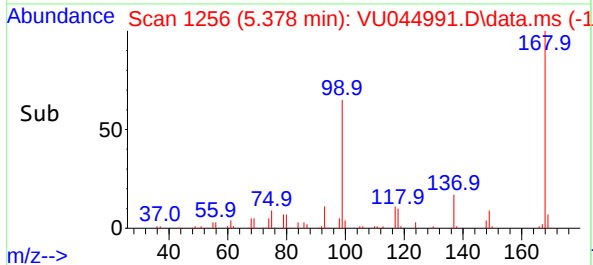
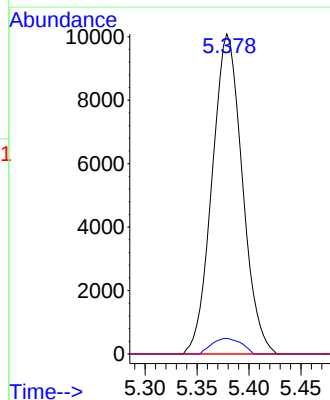
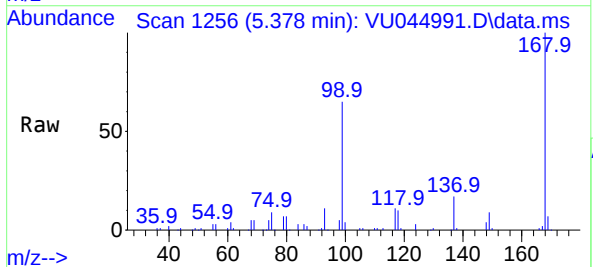
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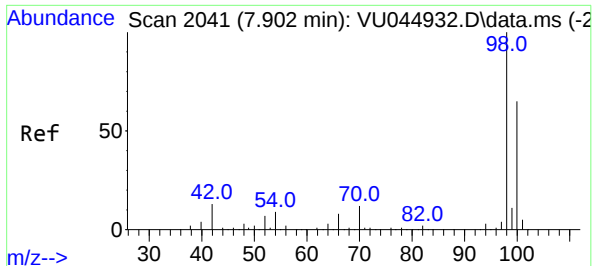
Tgt Ion: 75 Resp: 17632
Ion Ratio Lower Upper
75 100
110 8.1 16.3 48.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.544 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.147 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 117 Resp: 20401
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.2#
121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 51.784 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU044991.D

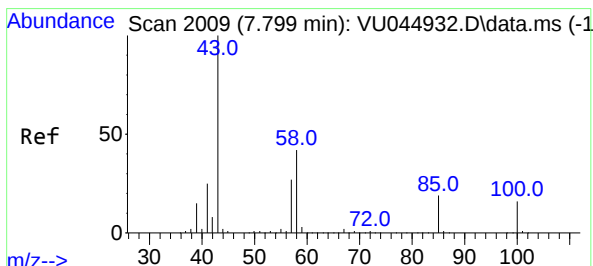
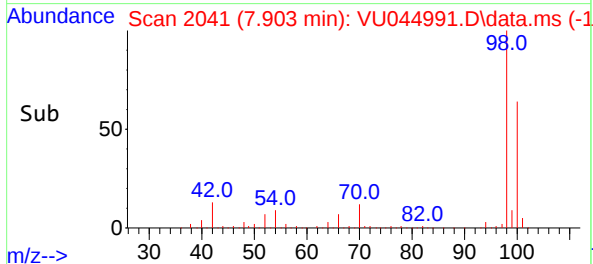
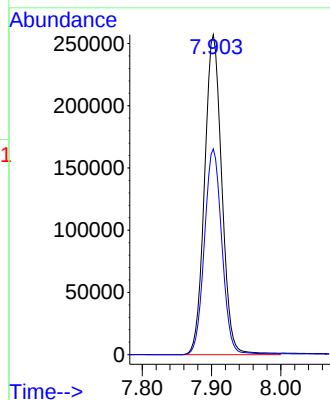
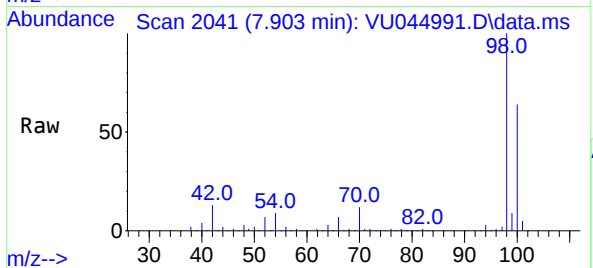
Acq: 29 Sep 2021 14:30

Tgt Ion: 98 Resp: 444695

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.345 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.004 min

Lab File: VU044991.D

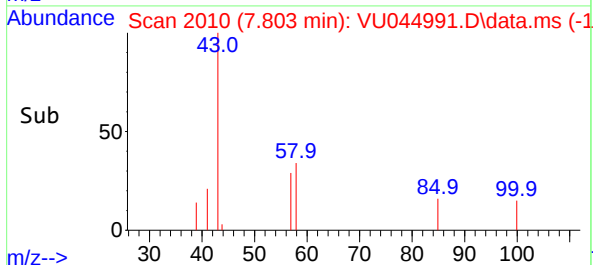
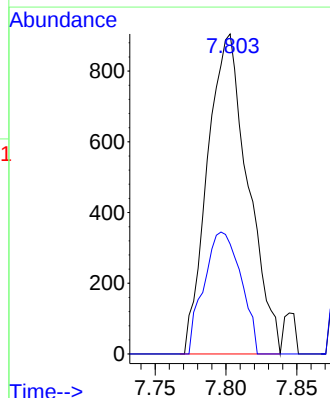
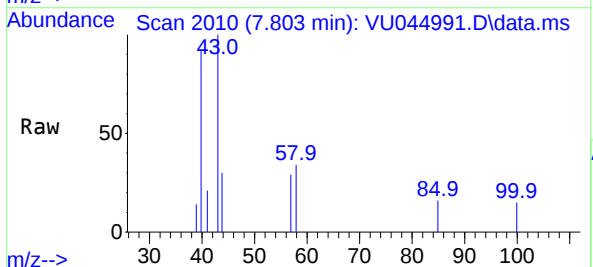
Acq: 29 Sep 2021 14:30

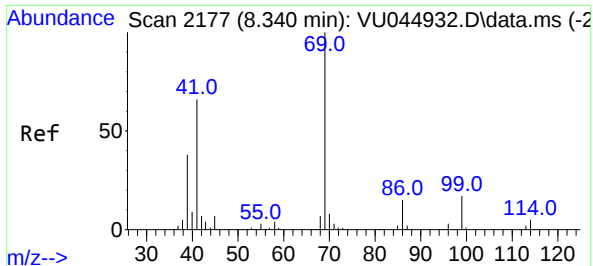
Tgt Ion: 43 Resp: 1802

Ion Ratio Lower Upper

43 100

58 34.7 32.4 48.6

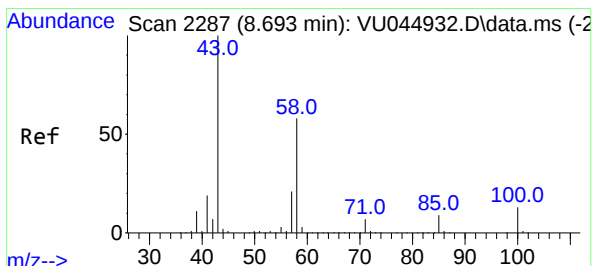
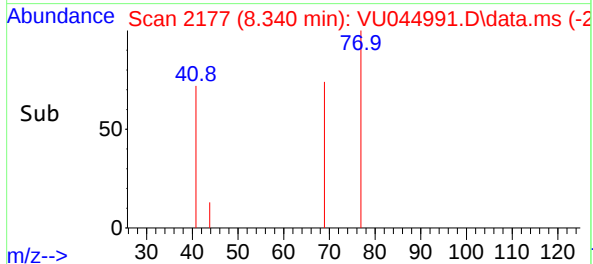
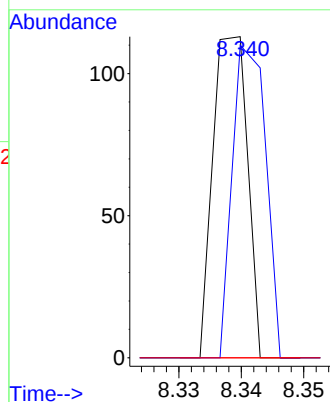
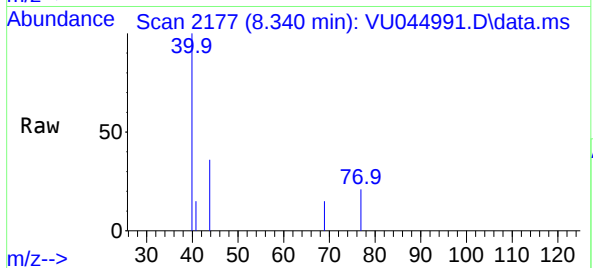




#56
Ethyl methacrylate
Concen: 1.828 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. -0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

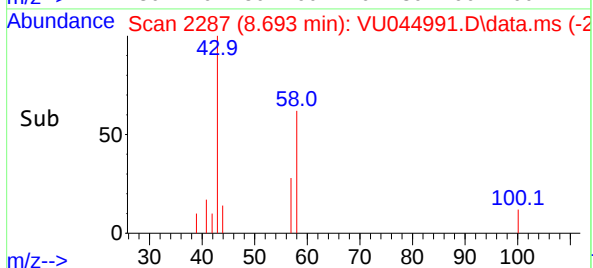
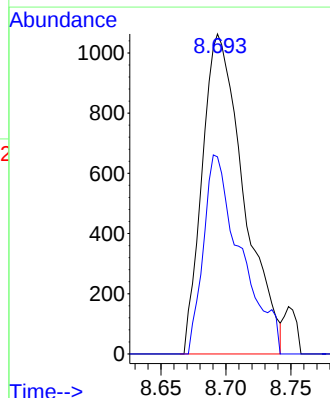
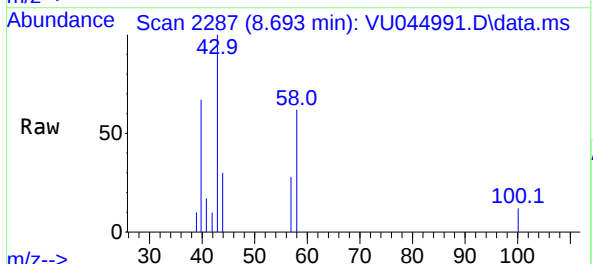
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

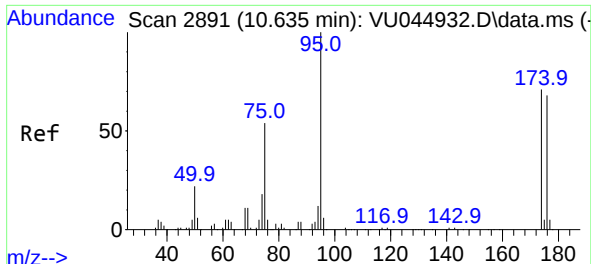
Tgt Ion:	69	Resp:	43
Ion	Ratio	Lower	Upper
69	100		
41	95.3	53.5	80.3#
39	0.0	31.1	46.7#



#59
2-Hexanone
Concen: 0.557 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion:	43	Resp:	2367
Ion	Ratio	Lower	Upper
43	100		
58	55.9	28.0	84.0



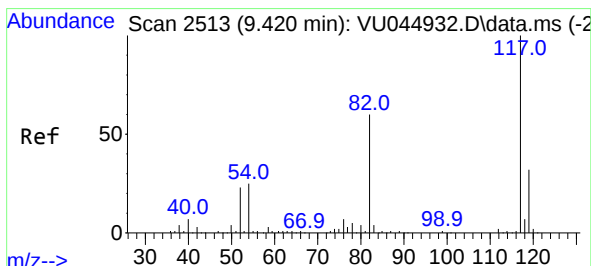
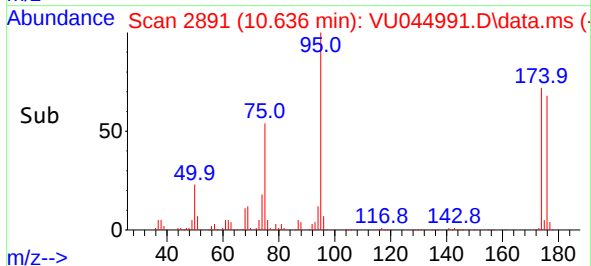
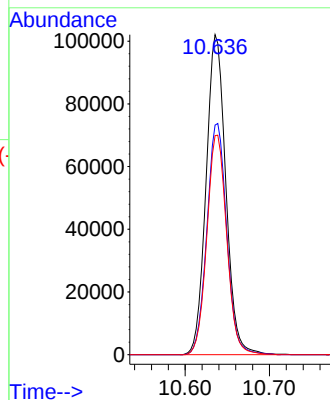
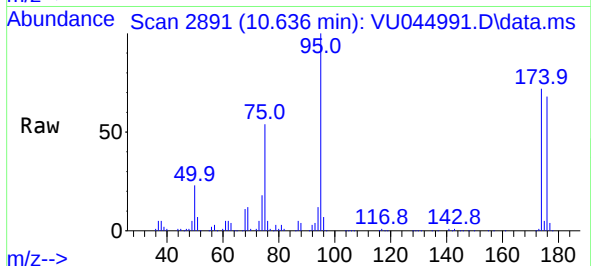


#62
4-Bromofluorobenzene
Concen: 46.883 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 166218

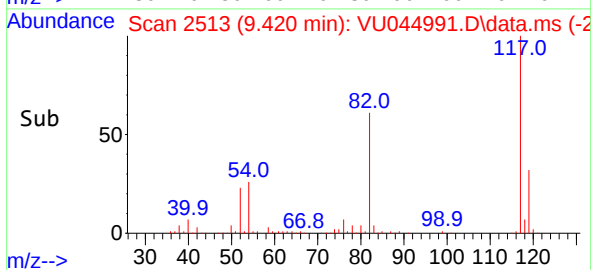
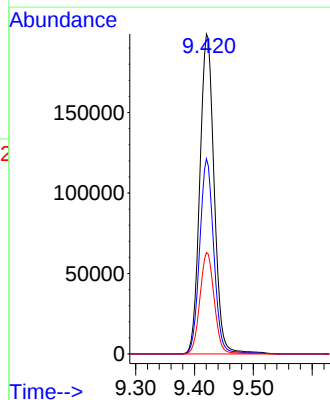
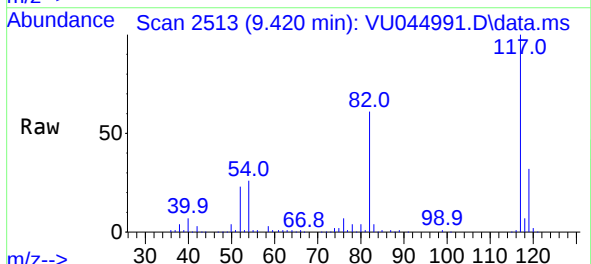
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	146.6
176	69.0	0.0	141.2

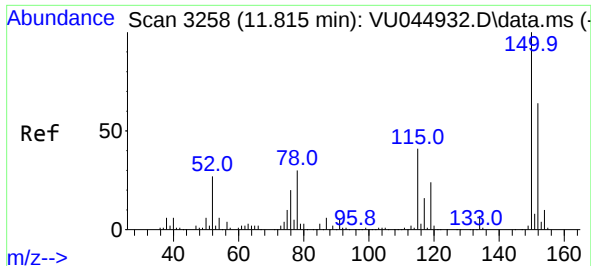


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 117 Resp: 336633

Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.8	71.8
119	31.7	25.8	38.6

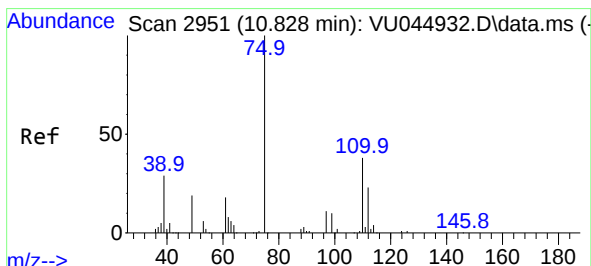
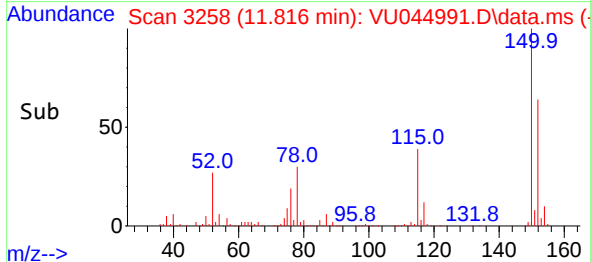
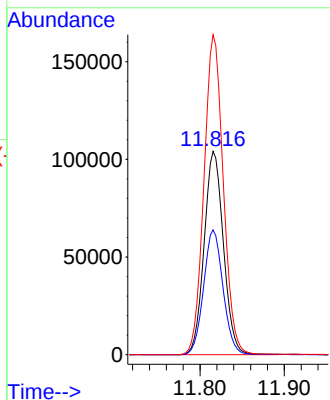
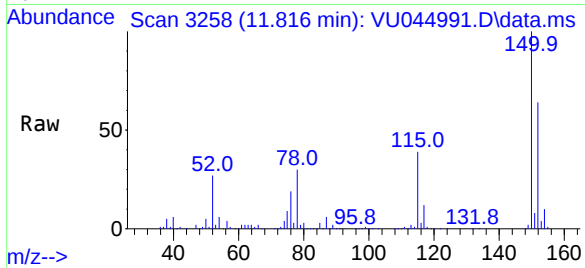




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

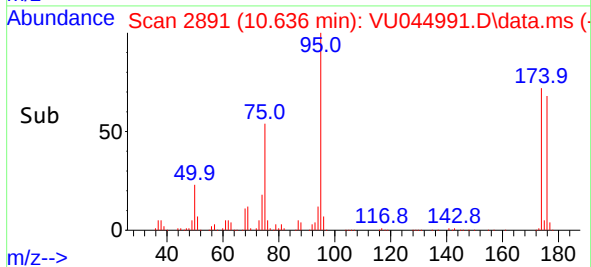
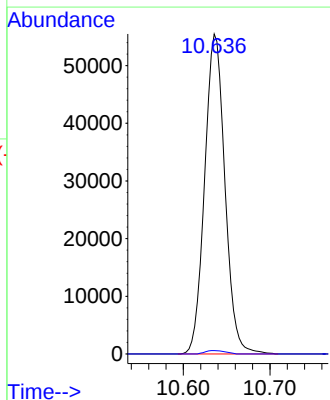
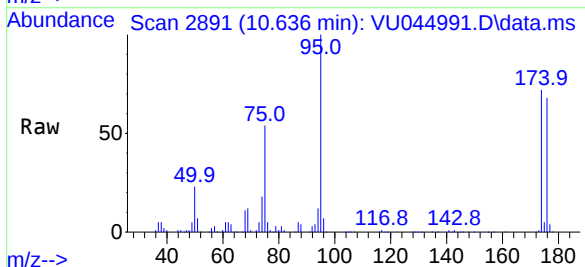
Instrument :
MSVOA_U
ClientSampled :
TRIP-BLANK

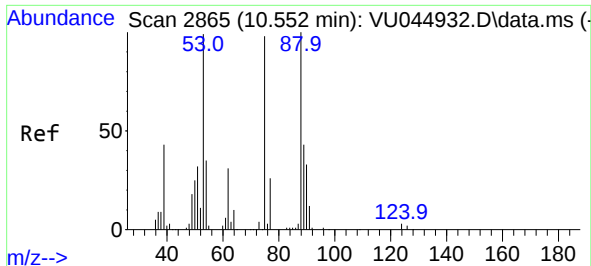
Tgt Ion:152 Resp: 166211
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.7
150 157.2 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 18.612 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion: 75 Resp: 90231
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#

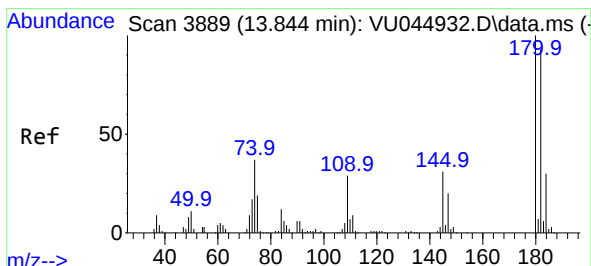
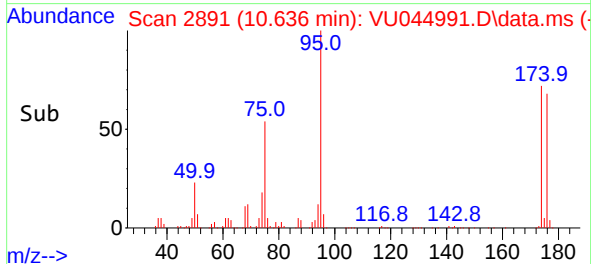
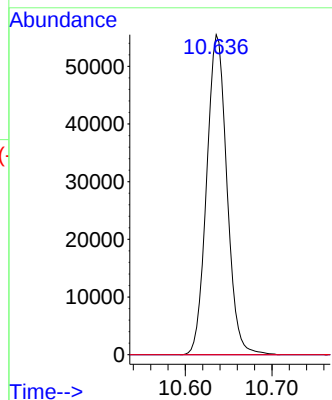
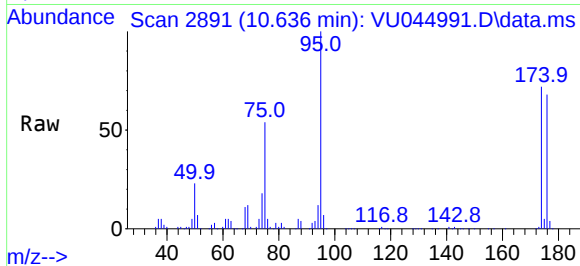




#81
trans-1,4-Dichloro-2-butene
Concen: 51.651 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

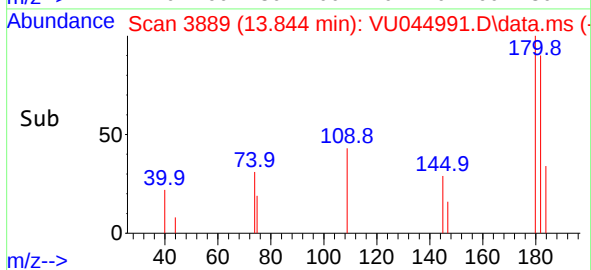
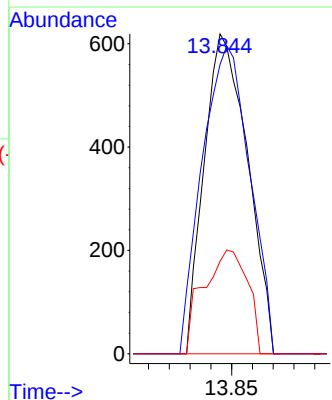
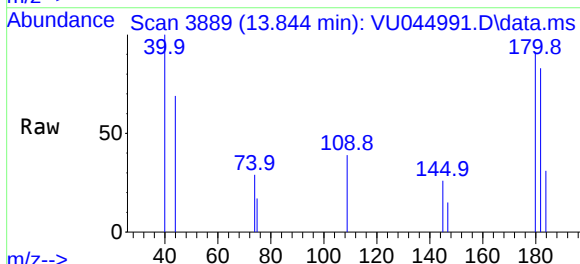
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

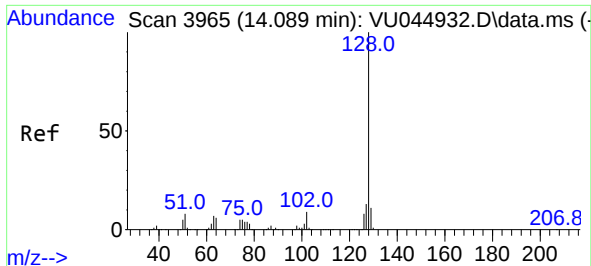
Tgt Ion: 75 Resp: 90231
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion:180 Resp: 897
Ion Ratio Lower Upper
180 100
182 105.6 47.4 142.3
145 33.1 15.4 46.2

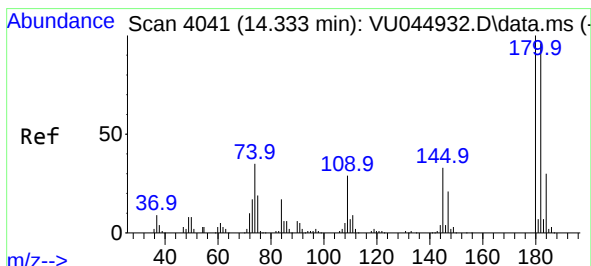
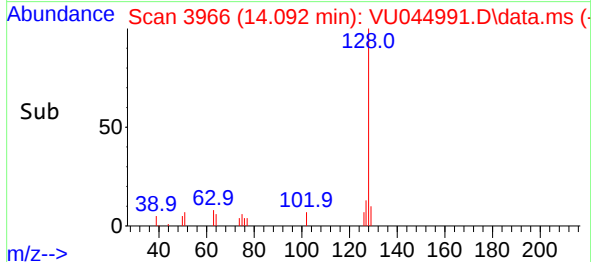
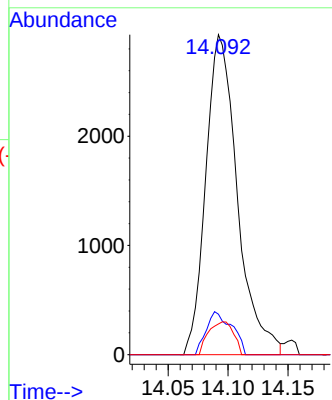
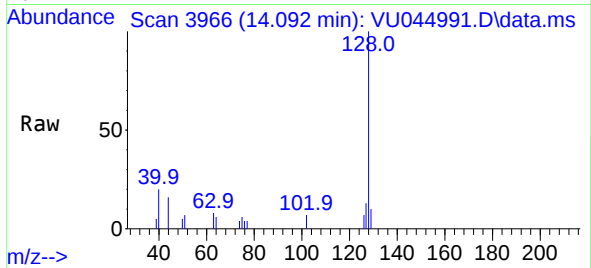




#95
Naphthalene
Concen: 0.437 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 5360
Ion Ratio Lower Upper
128 100
127 11.0 10.4 15.6
129 8.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.313 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.007 min
Lab File: VU044991.D
Acq: 29 Sep 2021 14:30

Tgt Ion:180 Resp: 1024
Ion Ratio Lower Upper
180 100
182 96.6 47.1 141.4
145 25.7 16.4 49.2

