

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044843.D
 Acq On : 25 Sep 2021 17:44
 Operator : SY/MD
 Sample : M3829-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB01-20210917

Quant Time: Sep 27 01:33:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

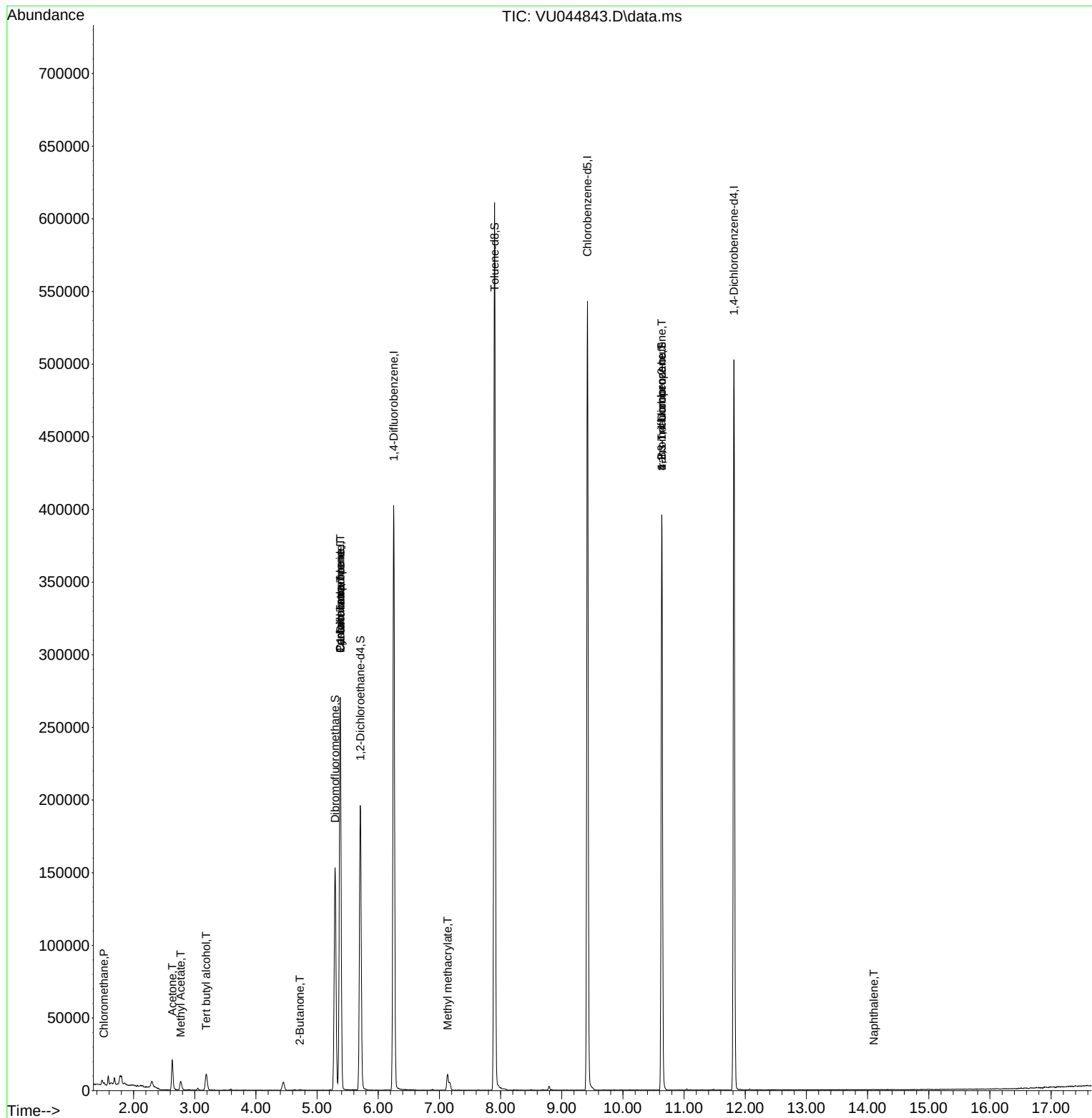
Internal Standards						
1) Pentafluorobenzene	5.378	168	170982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	303293	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	282224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	122170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	146543	49.108	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.220%	
35) Dibromofluoromethane	5.295	113	99170	47.663	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.320%	
50) Toluene-d8	7.903	98	391185	49.781	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.560%	
62) 4-Bromofluorobenzene	10.636	95	127765	43.775	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1060	0.341	ug/l	98
5) Bromomethane	1.858	94	549	Below Cal	#	73
6) Chloroethane	1.928	64	101	Below Cal	#	42
11) Tert butyl alcohol	3.186	59	14055	16.137	ug/l	96
16) Acetone	2.633	43	23114	13.732	ug/l	98
18) Methyl Acetate	2.768	43	2353	0.418	ug/l	# 52
25) 2-Butanone	4.719	43	540	0.211	ug/l	# 48
31) Cyclohexane	5.378	56	4834	1.128	ug/l	# 1
36) 1,1-Dichloropropene	5.378	75	16974	5.275	ug/l	# 49
38) Carbon Tetrachloride	5.378	117	18410	6.399	ug/l	# 15
48) Methyl methacrylate	7.134	41	4778	1.532	ug/l	# 45
76) 1,2,3-Trichloropropane	10.636	75	70732	19.119	ug/l	# 41
81) trans-1,4-Dichloro-2-b...	10.636	75	70732	61.936	ug/l	# 9
95) Naphthalene	14.102	128	263	0.971	ug/l	# 69

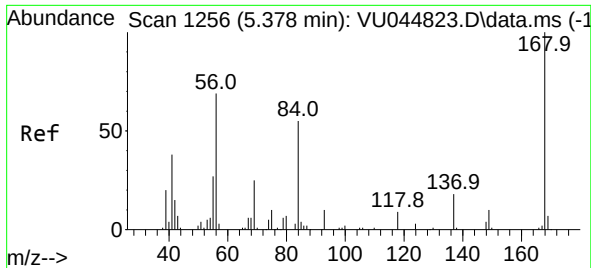
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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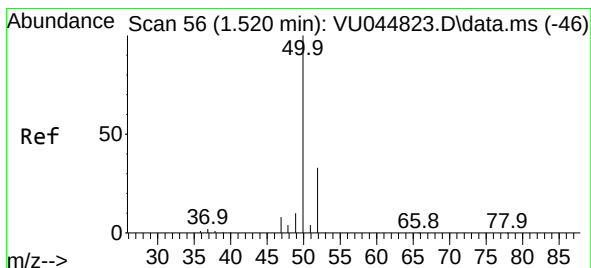
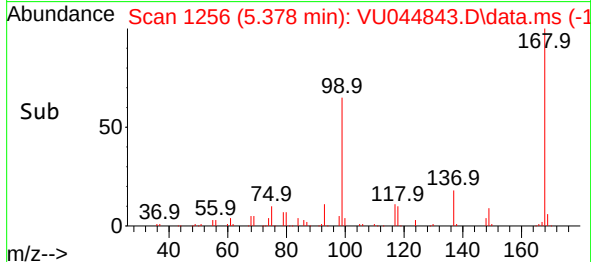
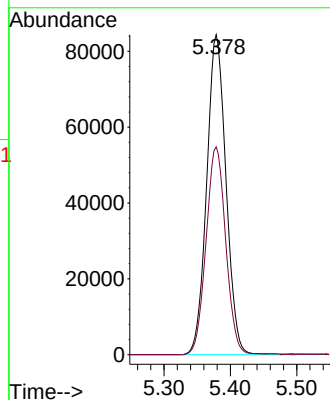
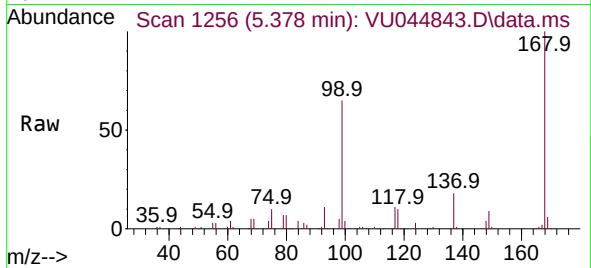




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

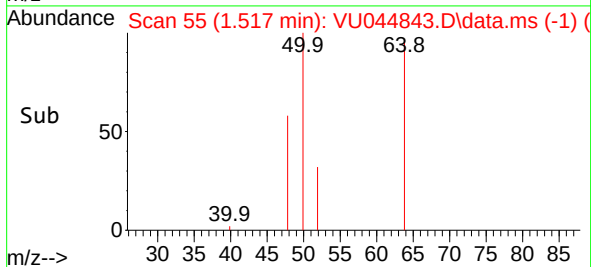
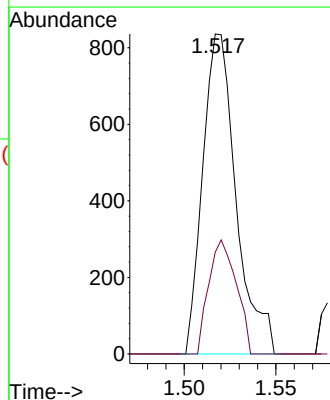
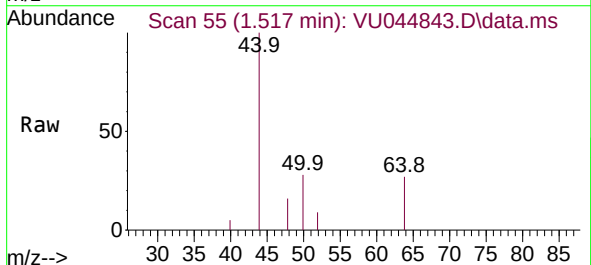
Instrument :
MSVOA_U
ClientSampleId :
EB01-20210917

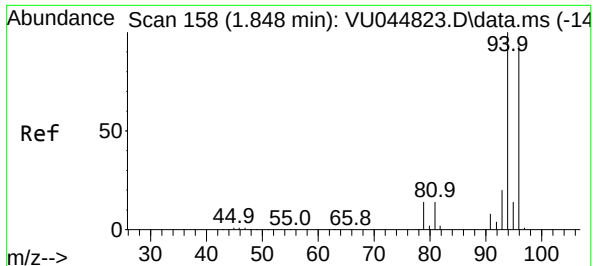
Tgt Ion:168 Resp: 170982
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.0



#3
Chloromethane
Concen: 0.341 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion: 50 Resp: 1060
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5

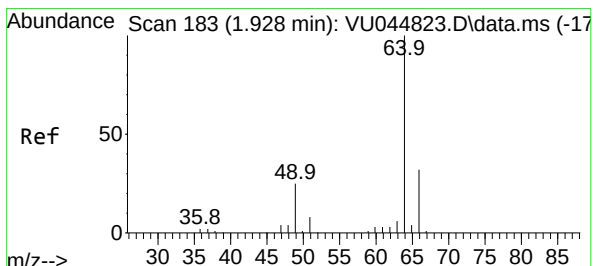
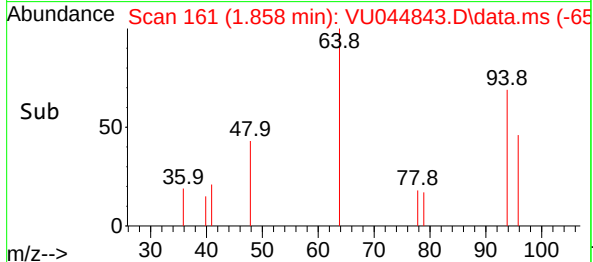
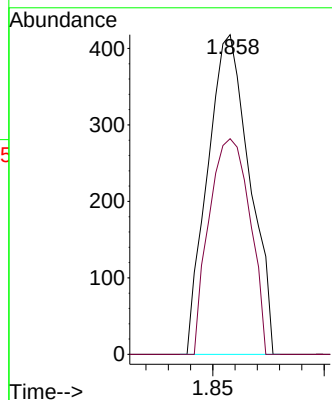
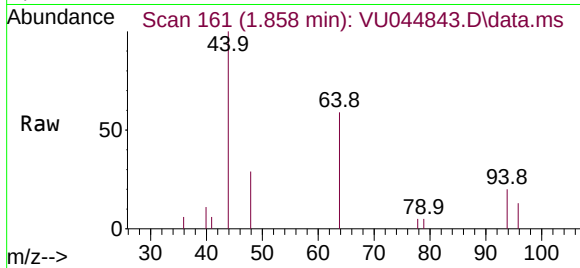




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. 0.010 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

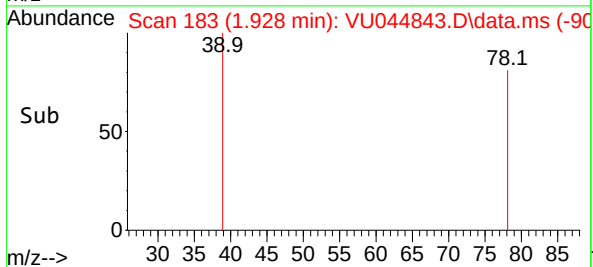
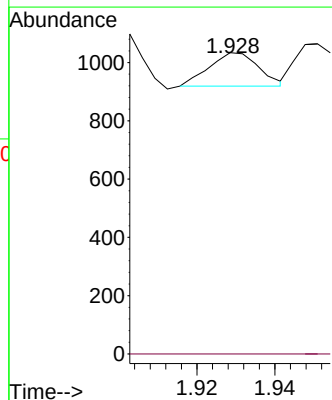
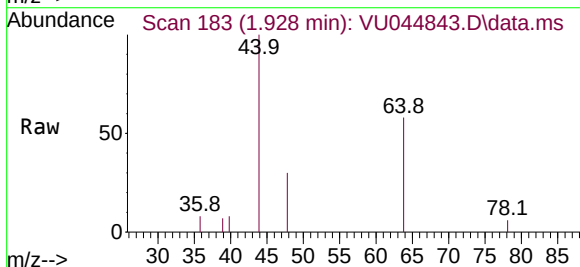
Instrument :
MSVOA_U
ClientSampleId :
EB01-20210917

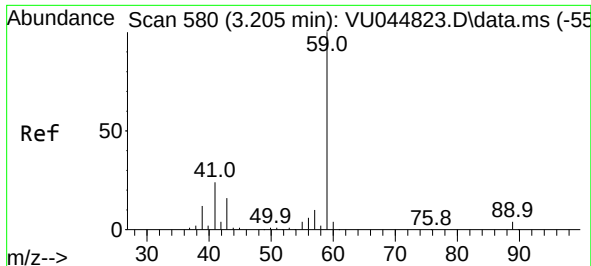
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 67.5 74.5 111.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

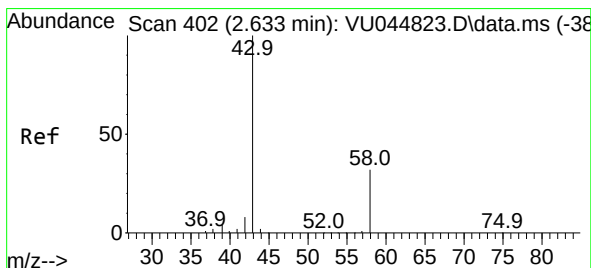
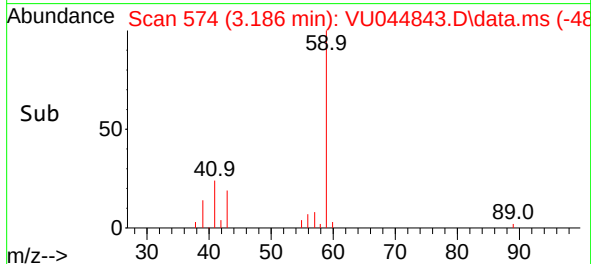
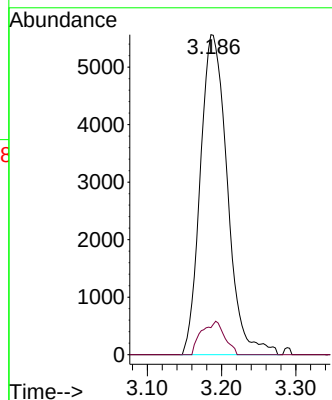
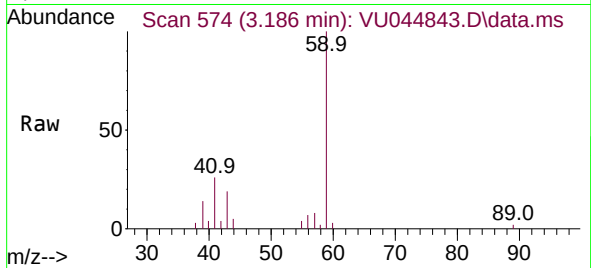




#11
Tert butyl alcohol
Concen: 16.137 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.019 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

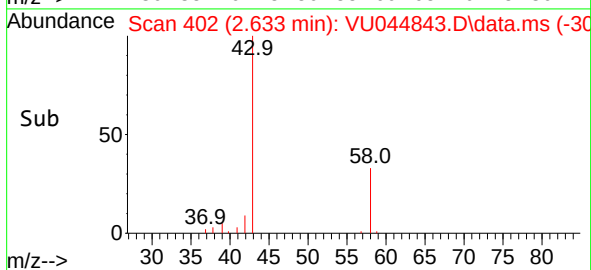
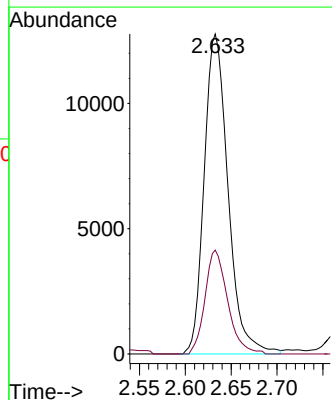
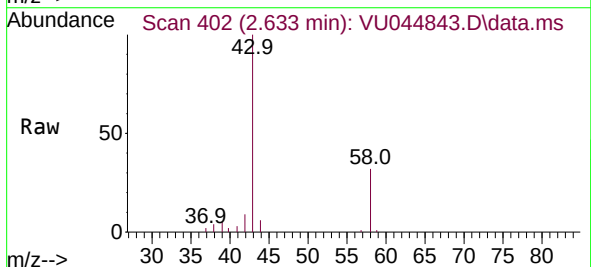
Instrument :
MSVOA_U
ClientSampleId :
EB01-20210917

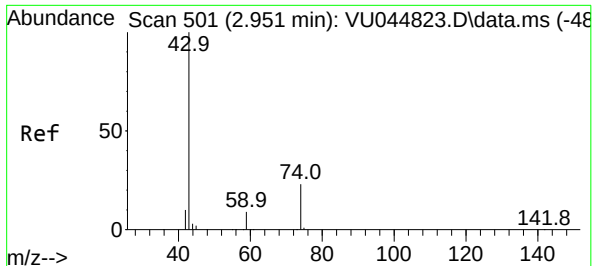
Tgt Ion: 59 Resp: 14055
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5



#16
Acetone
Concen: 13.732 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion: 43 Resp: 23114
Ion Ratio Lower Upper
43 100
58 32.4 25.2 37.8

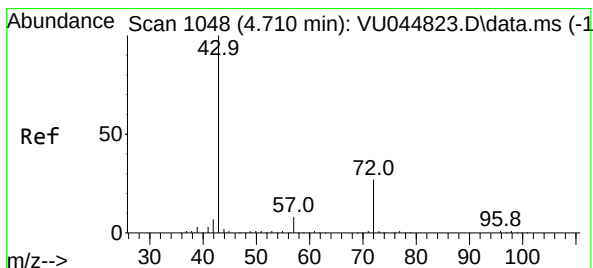
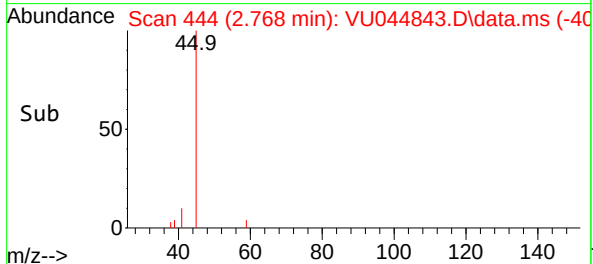
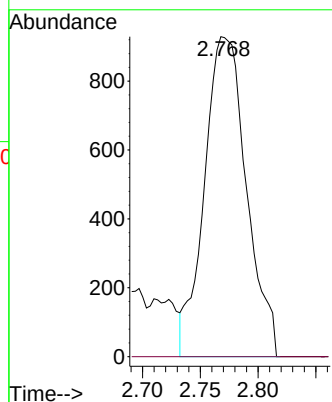
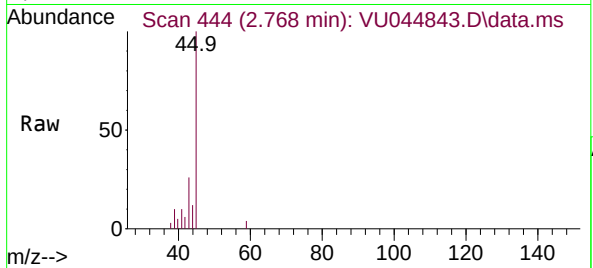




#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 2.768 min Scan# 444
Delta R.T. -0.183 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

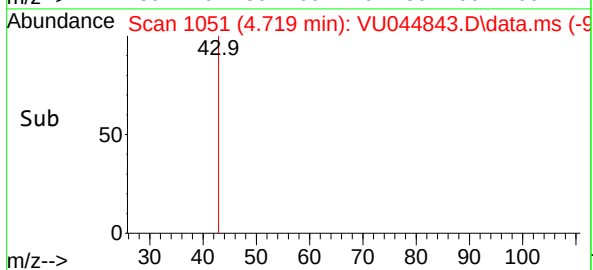
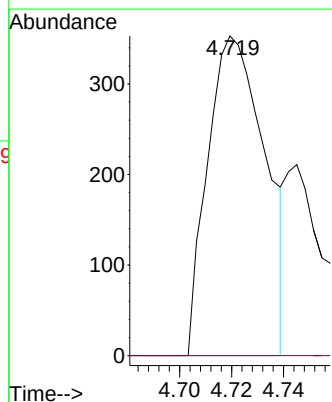
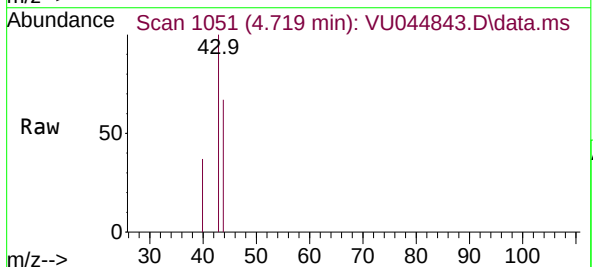
Instrument :
MSVOA_U
ClientSampleId :
EB01-20210917

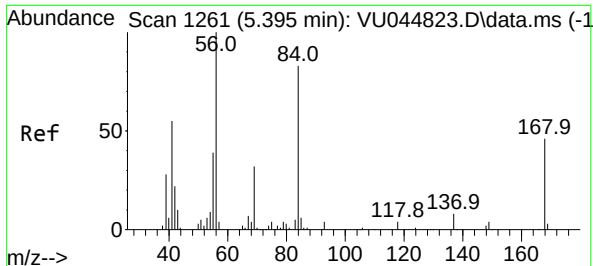
Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#





#31

Cyclohexane

Concen: 1.128 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU044843.D

Acq: 25 Sep 2021 17:44

Tgt Ion: 56 Resp: 4834

Ion Ratio Lower Upper

56 100

69 167.2 25.2 37.8#

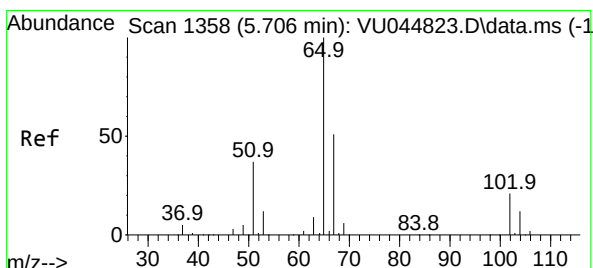
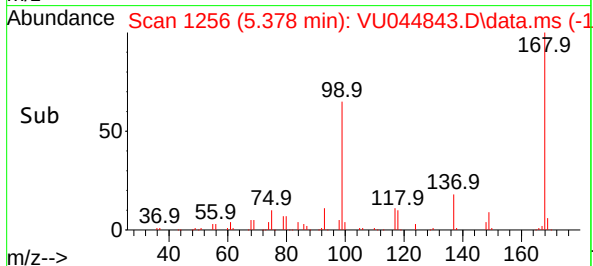
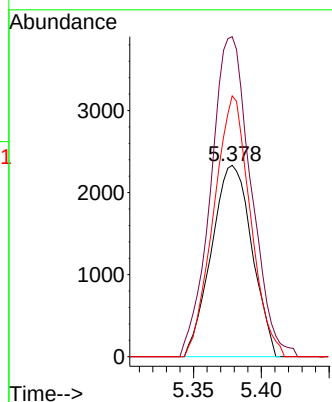
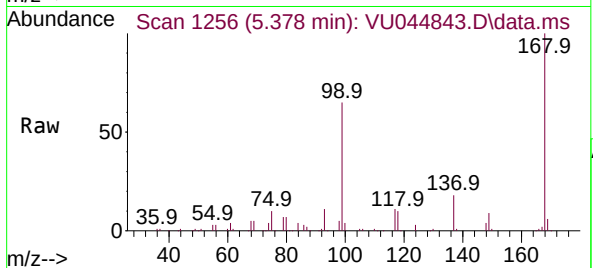
84 136.3 66.4 99.6#

Instrument :

MSVOA_U

ClientSampleId :

EB01-20210917



#33

1,2-Dichloroethane-d4

Concen: 49.108 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044843.D

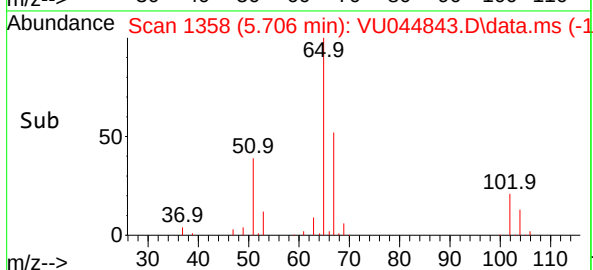
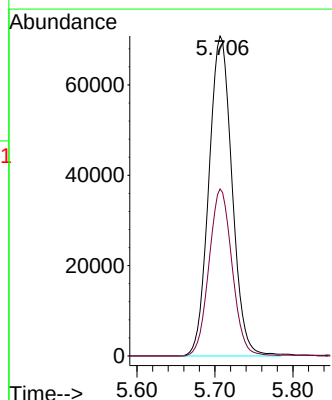
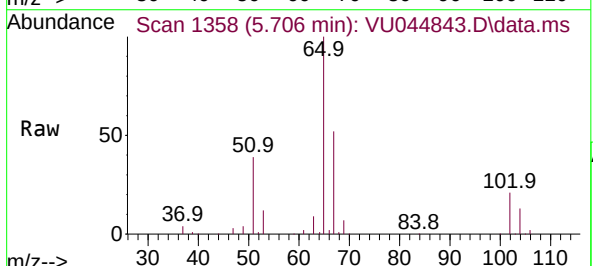
Acq: 25 Sep 2021 17:44

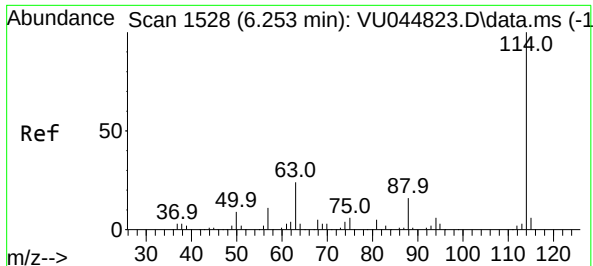
Tgt Ion: 65 Resp: 146543

Ion Ratio Lower Upper

65 100

67 52.0 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: VU044843.D

Acq: 25 Sep 2021 17:44

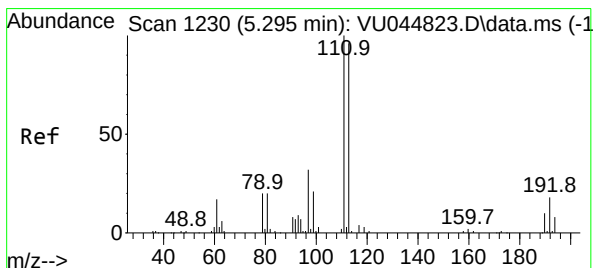
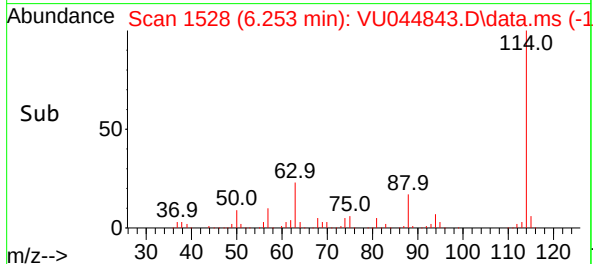
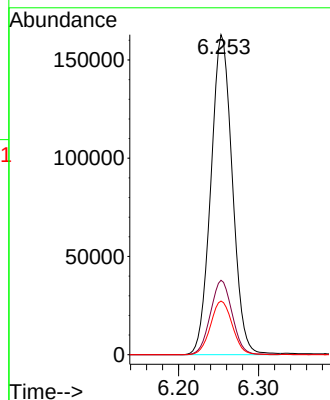
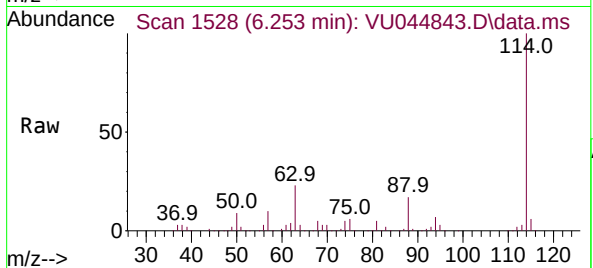
Tgt Ion:114 Resp: 303293

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.663 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VU044843.D

Acq: 25 Sep 2021 17:44

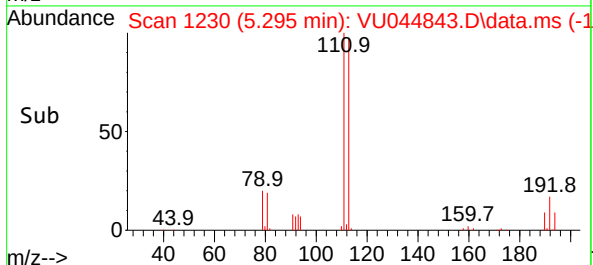
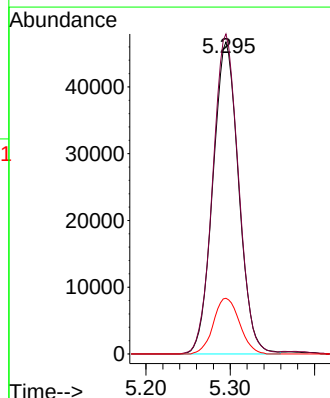
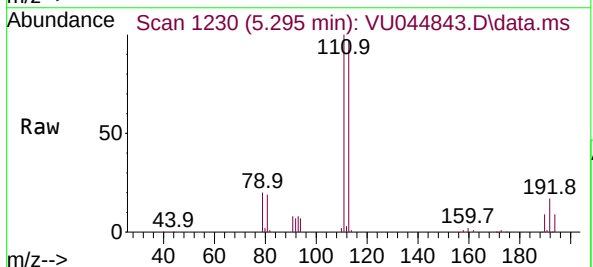
Tgt Ion:113 Resp: 99170

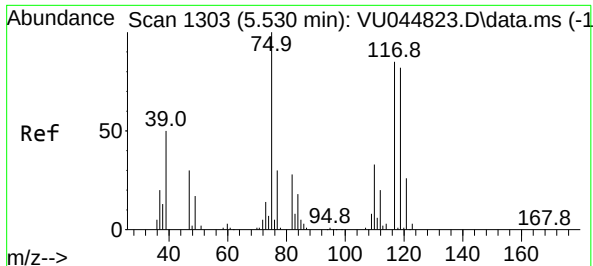
Ion Ratio Lower Upper

113 100

111 102.6 84.1 126.1

192 18.1 14.8 22.2



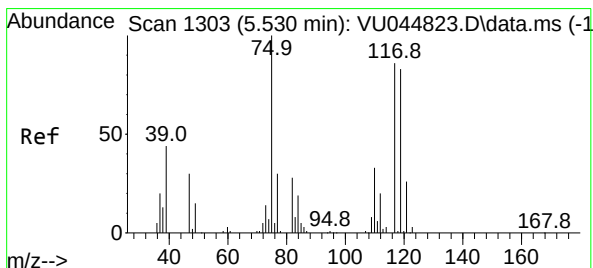
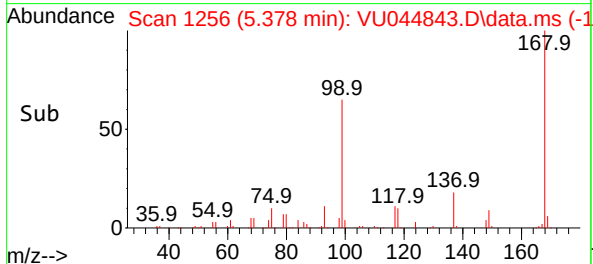
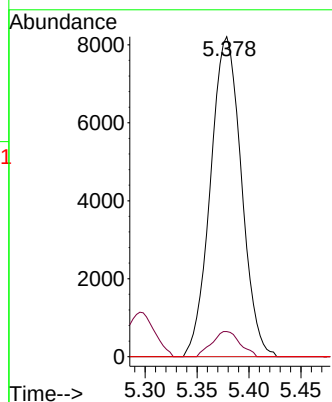
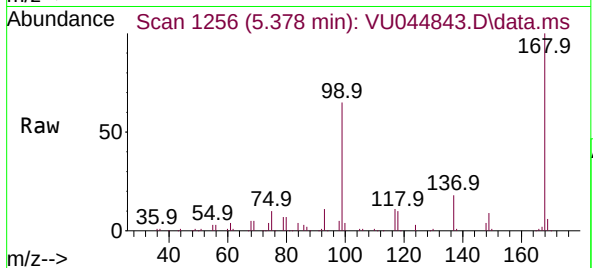


#36

1,1-Dichloropropene
Concen: 5.275 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Instrument :
MSVOA_U
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EB01-20210917

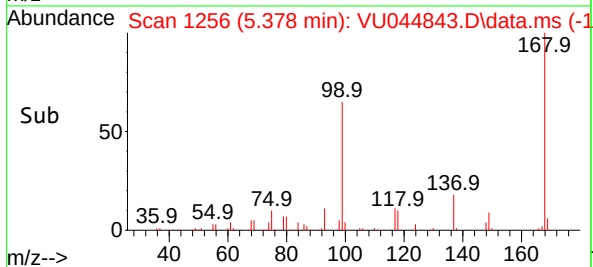
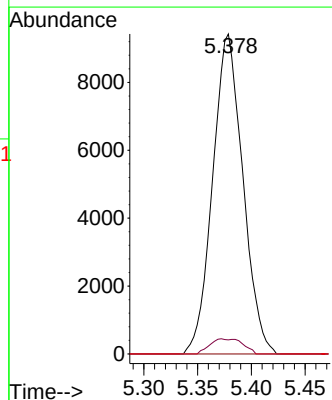
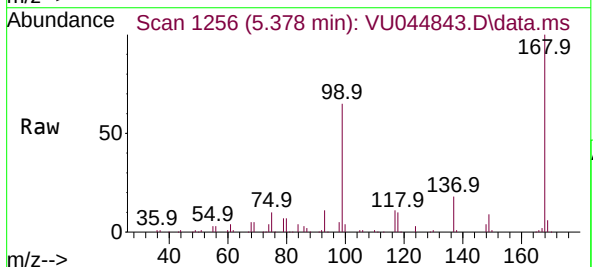
Tgt Ion: 75 Resp: 16974
Ion Ratio Lower Upper
75 100
110 7.1 16.3 48.9#
77 0.0 25.0 37.4#

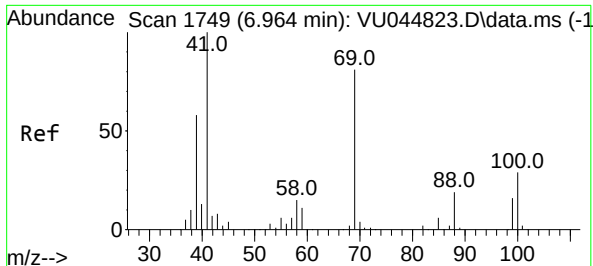


#38

Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion: 117 Resp: 18410
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.2#
121 0.0 24.5 36.7#





#48

Methyl methacrylate

Concen: 1.532 ug/l

RT: 7.134 min Scan# 1802

Delta R.T. 0.170 min

Lab File: VU044843.D

Acq: 25 Sep 2021 17:44

Tgt Ion: 41 Resp: 4778

Ion Ratio Lower Upper

41 100

69 0.0 65.6 98.4#

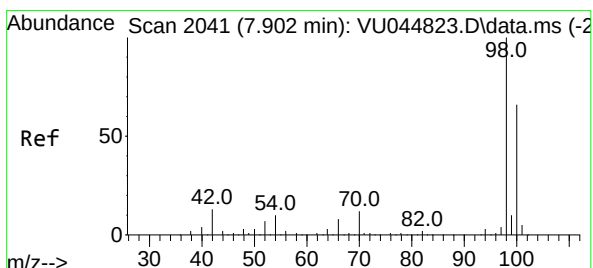
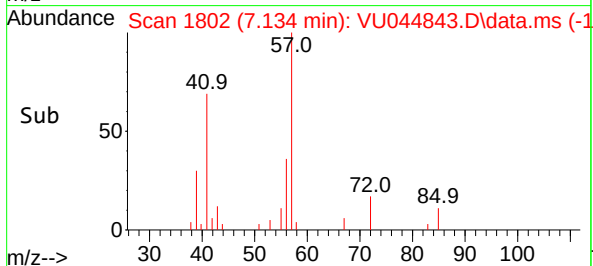
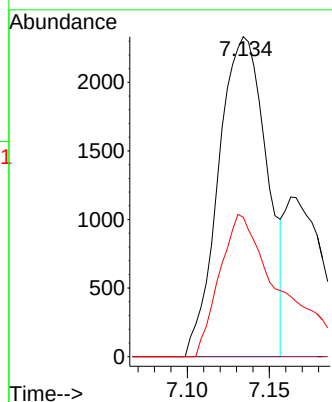
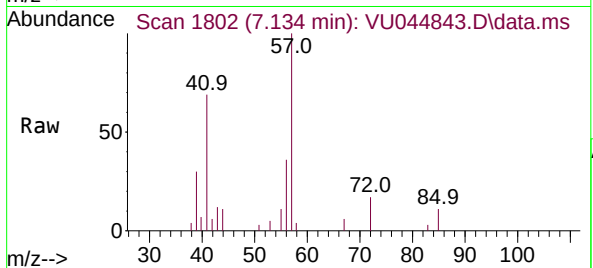
39 56.0 46.2 69.4

Instrument :

MSVOA_U

ClientSampleId :

EB01-20210917



#50

Toluene-d8

Concen: 49.781 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044843.D

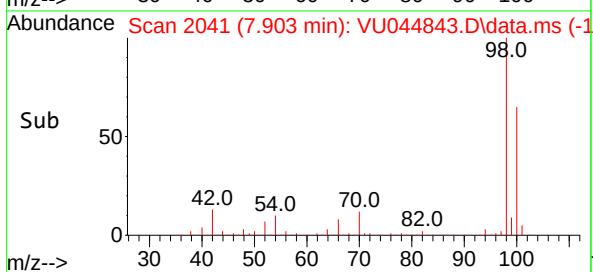
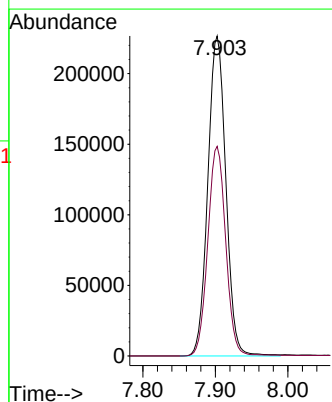
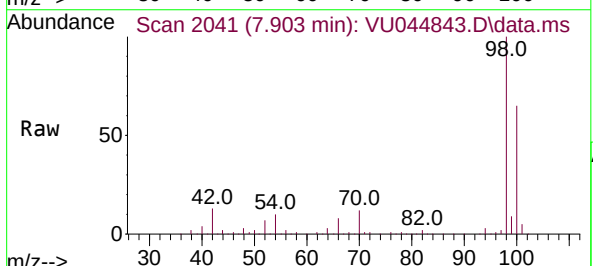
Acq: 25 Sep 2021 17:44

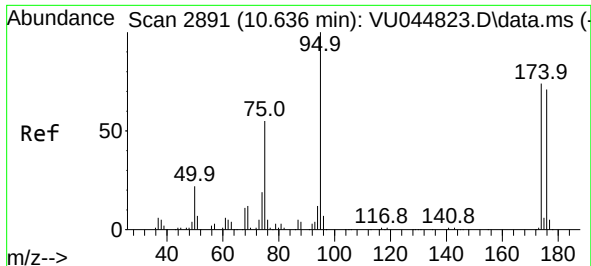
Tgt Ion: 98 Resp: 391185

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

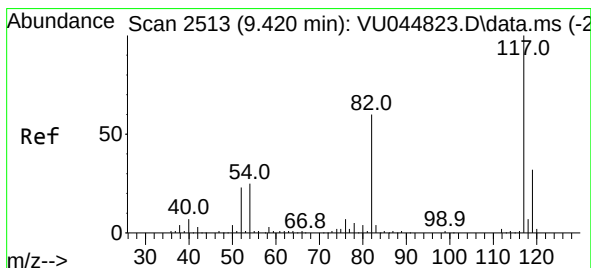
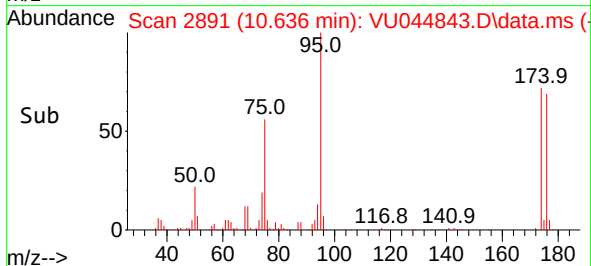
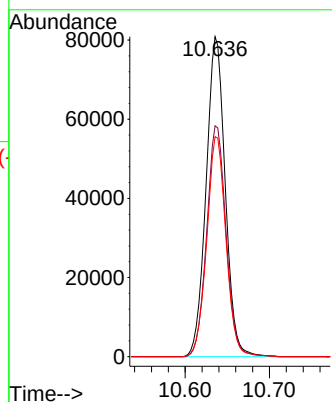
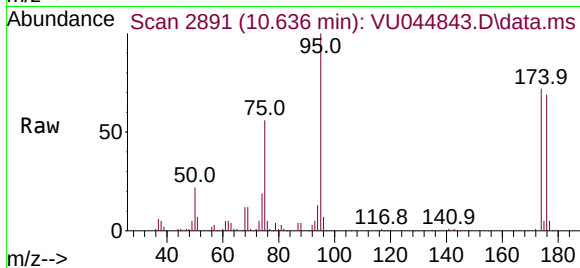




#62
4-Bromofluorobenzene
Concen: 43.775 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

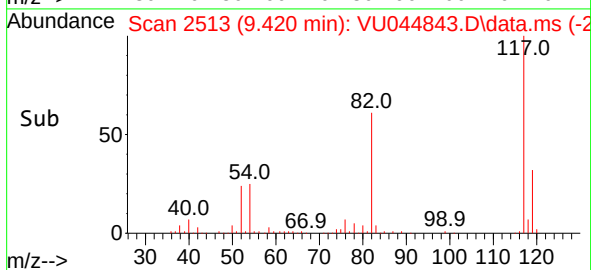
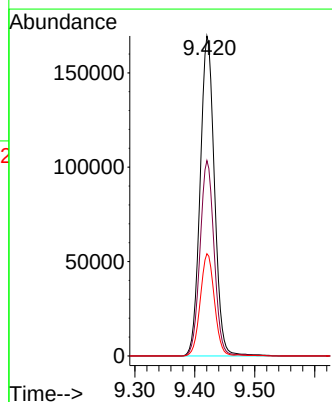
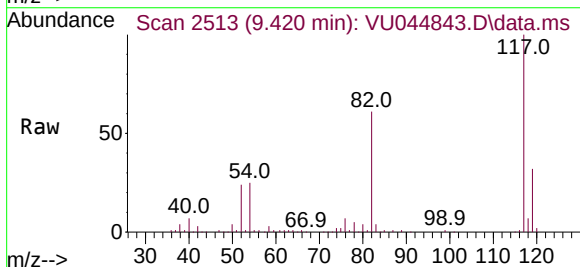
Instrument :
MSVOA_U
ClientSampleId :
EB01-20210917

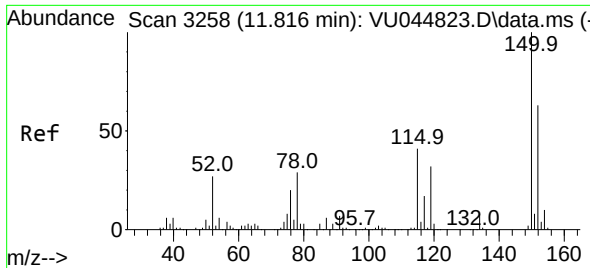
Tgt Ion: 95 Resp: 127765
Ion Ratio Lower Upper
95 100
174 73.2 0.0 146.6
176 69.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion: 117 Resp: 282224
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 31.9 25.8 38.6

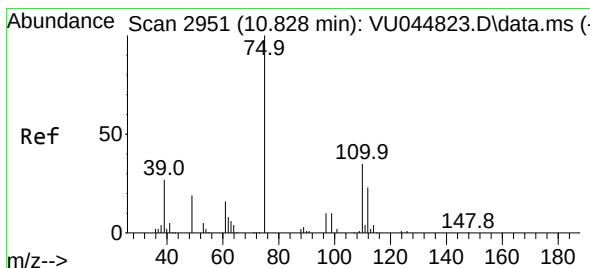
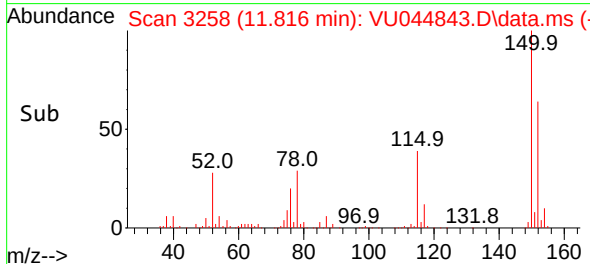
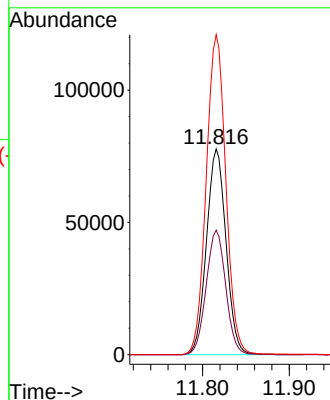
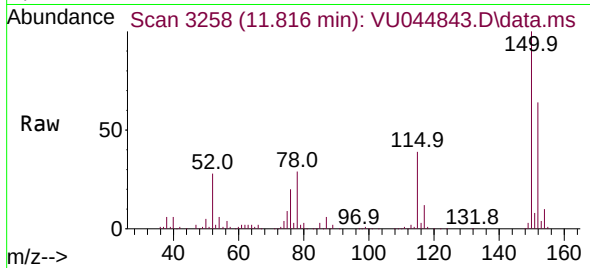




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU044843.D
 Acq: 25 Sep 2021 17:44

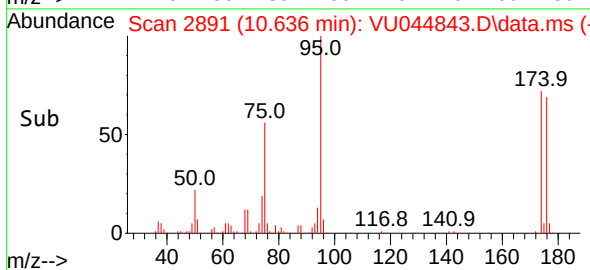
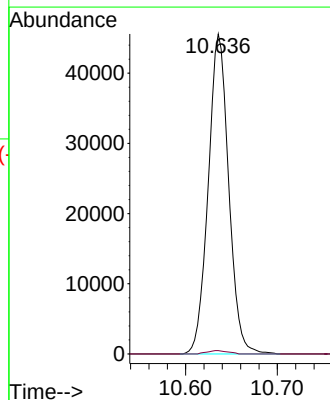
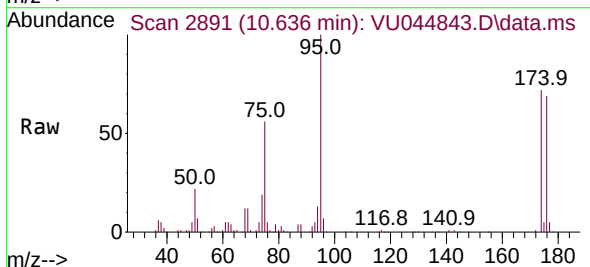
Instrument :
 MSVOA_U
 ClientSampleId :
 EB01-20210917

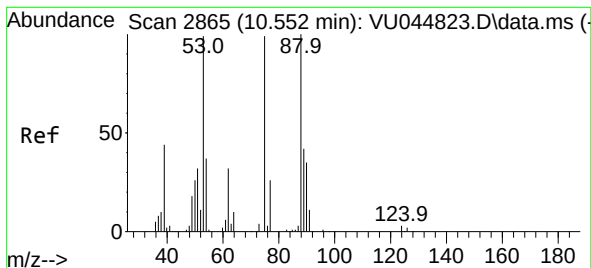
Tgt Ion:152 Resp: 122170
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.5 130.7
 150 155.5 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.119 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044843.D
 Acq: 25 Sep 2021 17:44

Tgt Ion: 75 Resp: 70732
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#

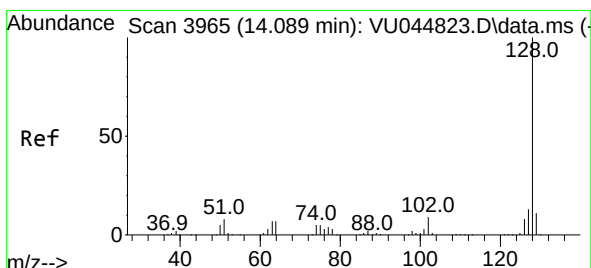
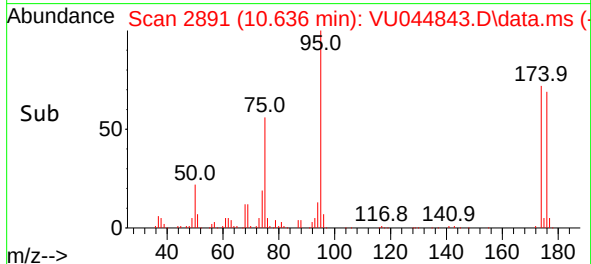
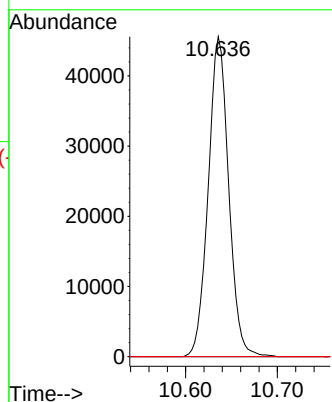
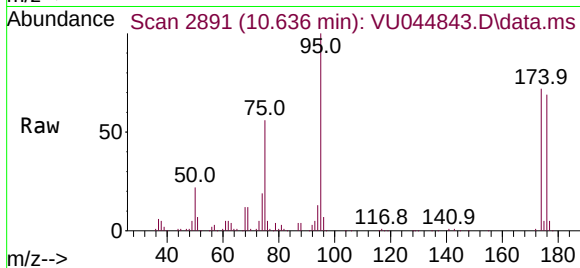




#81
trans-1,4-Dichloro-2-butene
Concen: 61.936 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Instrument :
MSVOA_U
ClientSampleId :
EB01-20210917

Tgt Ion: 75 Resp: 70732
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 0.971 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.013 min
Lab File: VU044843.D
Acq: 25 Sep 2021 17:44

Tgt Ion:128 Resp: 263
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

