

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044840.D
 Acq On : 25 Sep 2021 16:34
 Operator : SY/MD
 Sample : M3833-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE126D1-20210920

Quant Time: Sep 27 01:32:43 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)

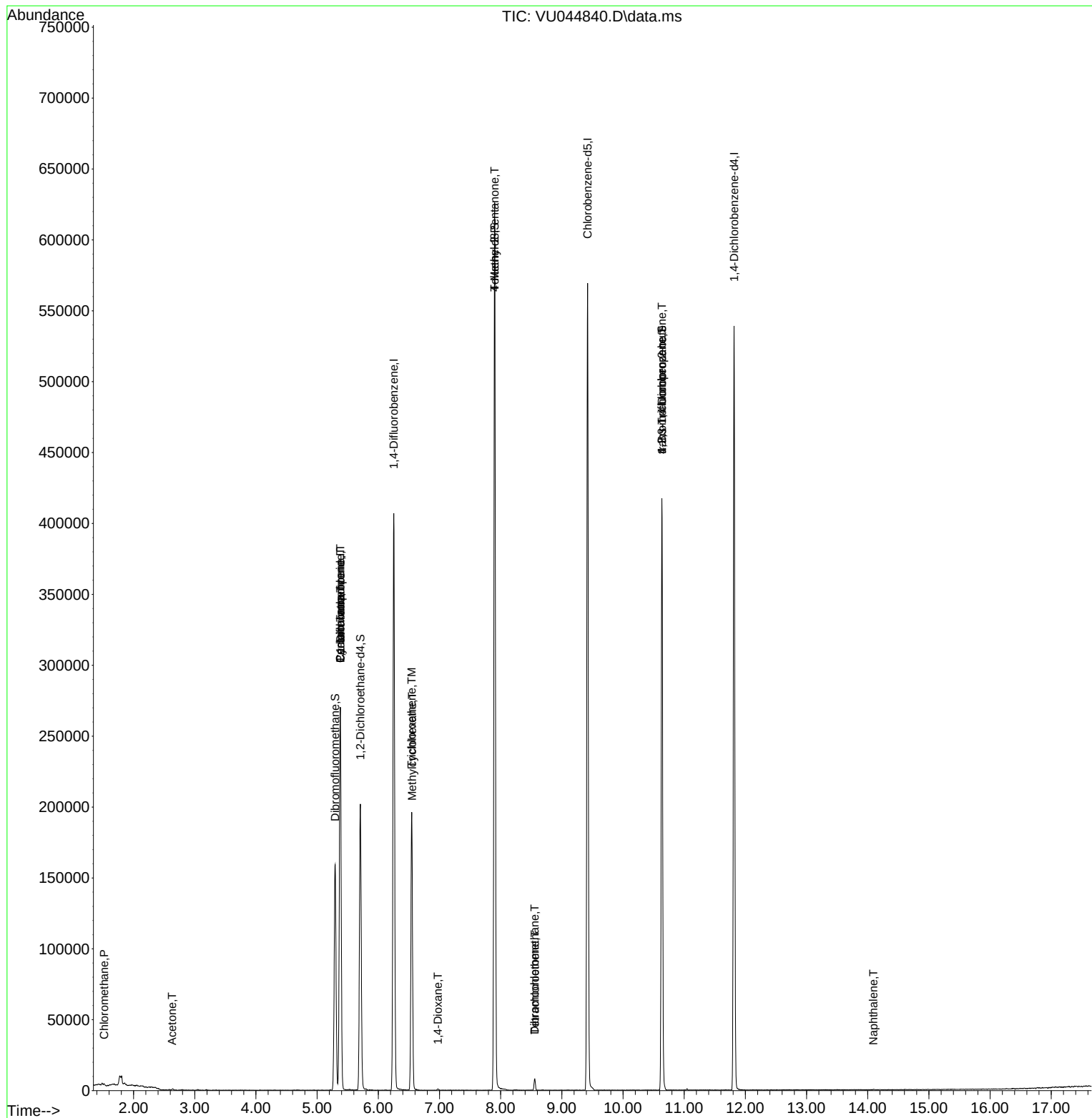
Internal Standards						
1) Pentafluorobenzene	5.378	168	173044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	308530	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	292286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	130639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	151041	50.012	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.020%	
35) Dibromofluoromethane	5.292	113	102029	48.205	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.400%	
50) Toluene-d8	7.902	98	397889	49.775	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.540%	
62) 4-Bromofluorobenzene	10.635	95	134689	45.364	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.720%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	749	0.238	ug/l #	85
5) Bromomethane	1.854	94	497	Below Cal		93
6) Chloroethane	1.916	64	96	Below Cal	#	42
16) Acetone	2.629	43	712	0.418	ug/l #	43
31) Cyclohexane	5.378	56	4636	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	16664	5.090	ug/l #	50
38) Carbon Tetrachloride	5.378	117	18588	6.351	ug/l #	17
39) Methylcyclohexane	6.552	83	892	0.241	ug/l #	1
44) Trichloroethene	6.546	130	62255	25.954	ug/l	97
49) 1,4-Dioxane	6.973	88	690	8.512	ug/l #	90
51) 4-Methyl-2-Pentanone	7.899	43	1970	0.411	ug/l #	1
60) Dibromochloromethane	8.555	129	1742	0.713	ug/l #	10
64) Tetrachloroethene	8.558	164	1701	0.859	ug/l	90
76) 1,2,3-Trichloropropane	10.635	75	74030	18.714	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	74030	60.621	ug/l #	9
95) Naphthalene	14.092	128	162	0.959	ug/l #	69

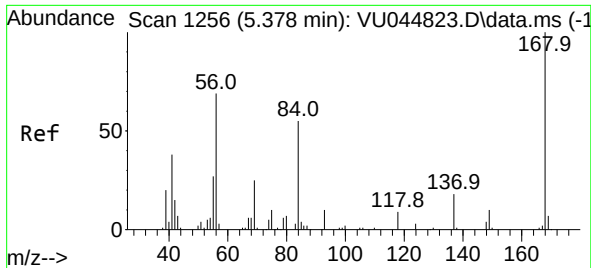
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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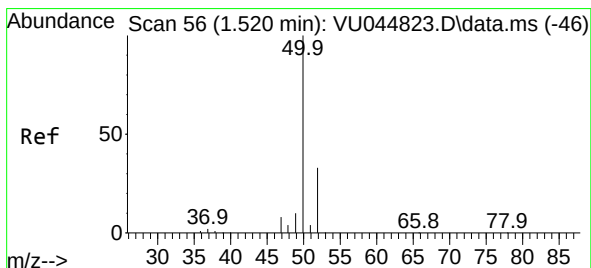
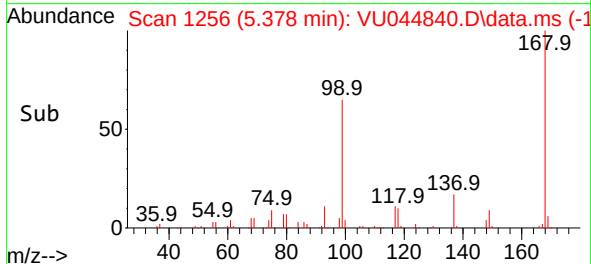
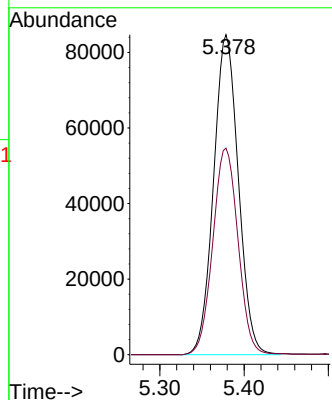
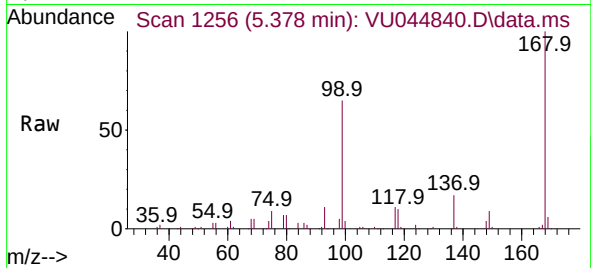




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

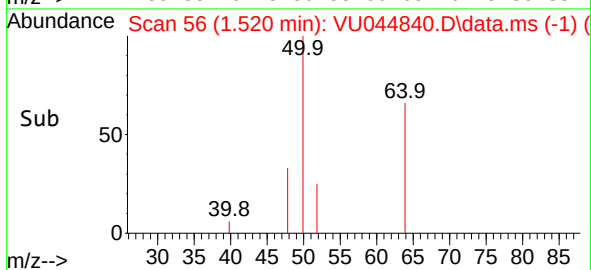
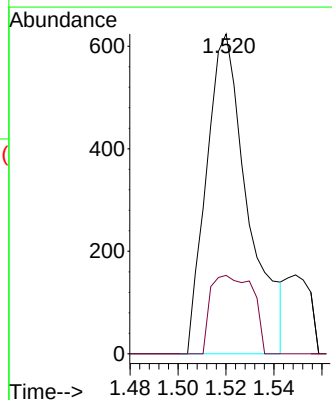
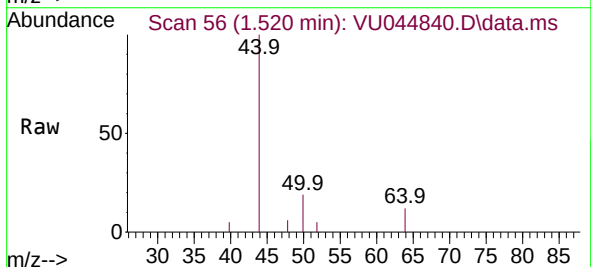
Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

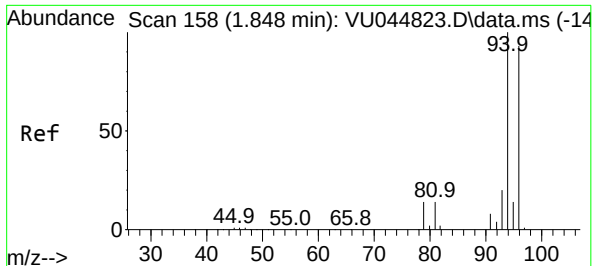
Tgt Ion:168 Resp: 173044
Ion Ratio Lower Upper
168 100
99 64.5 51.4 77.0



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 24.5 26.3 39.5#

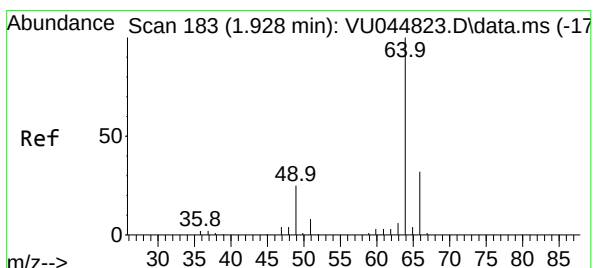
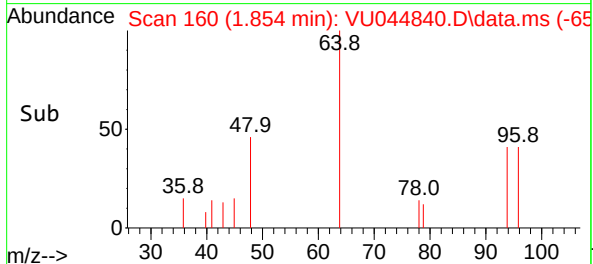
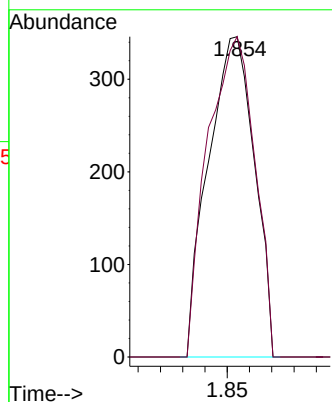
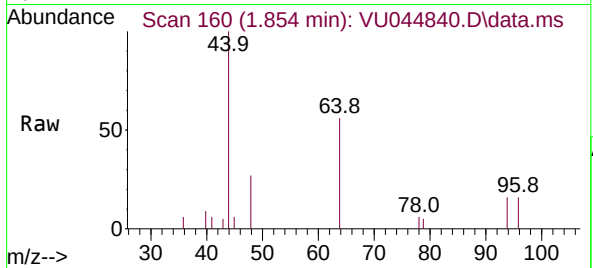




#5
Bromomethane
Concen: Below Cal
RT: 1.854 min Scan# 160
Delta R.T. 0.006 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

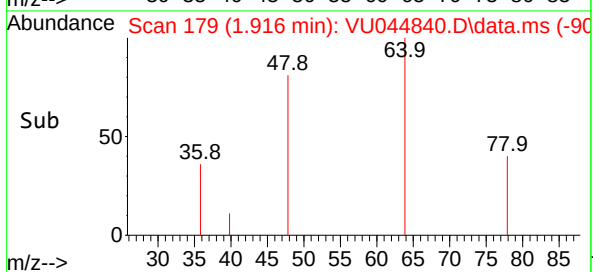
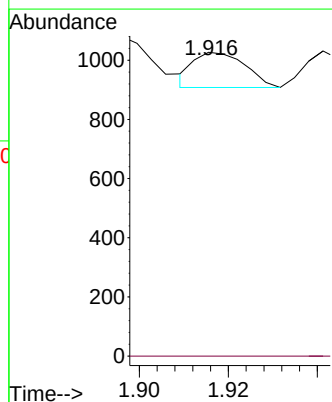
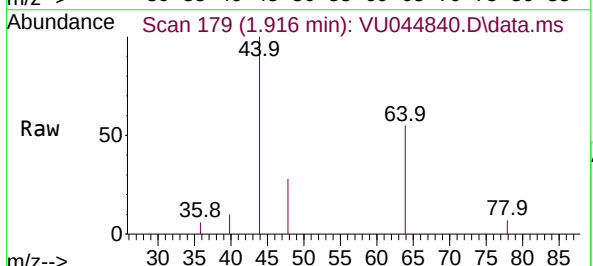
Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

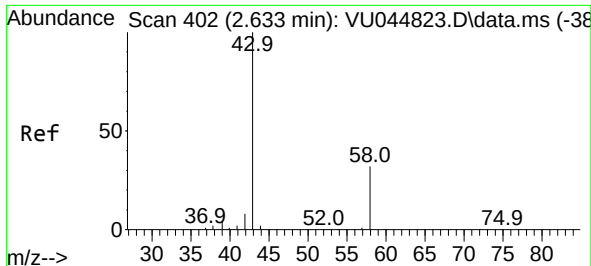
Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 100.0 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 179
Delta R.T. -0.012 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

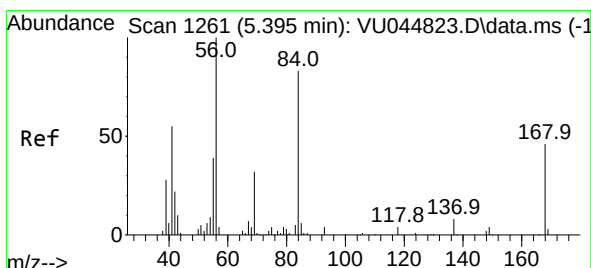
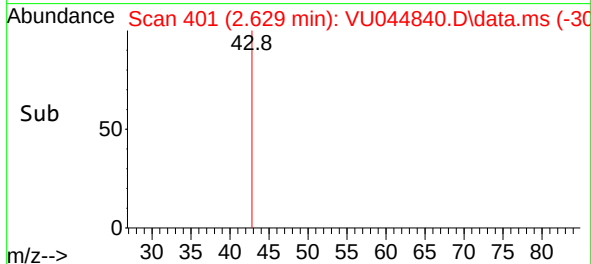
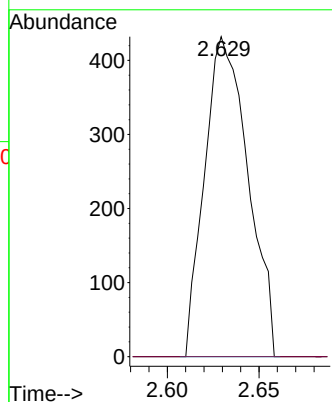
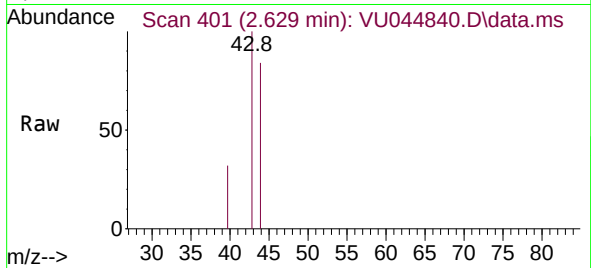




#16
Acetone
Concen: 0.418 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

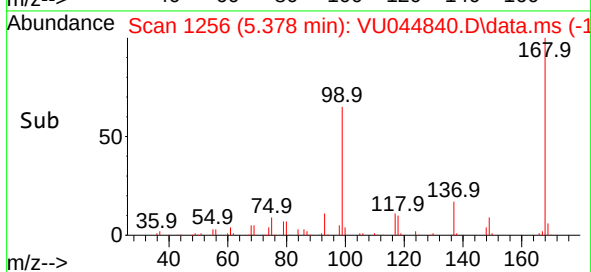
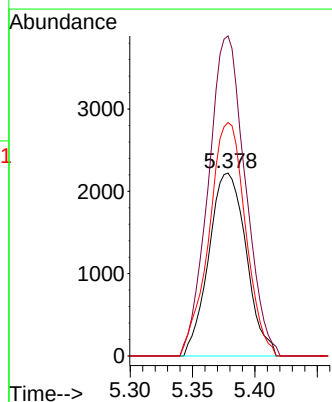
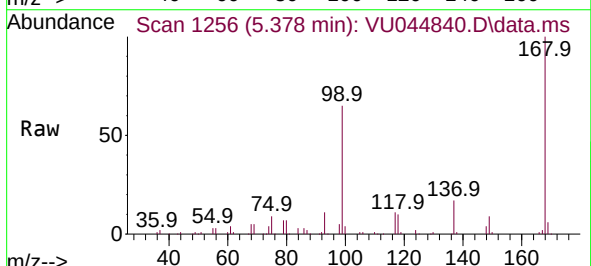
Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

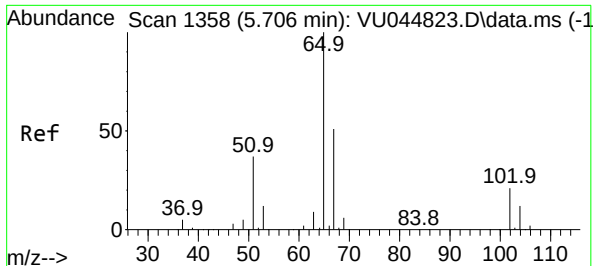
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion: 56 Resp: 4636
Ion Ratio Lower Upper
56 100
69 175.1 25.2 37.8#
84 127.7 66.4 99.6#



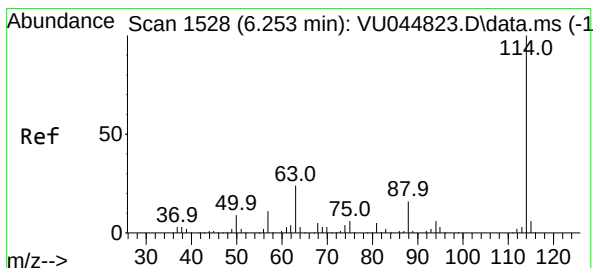
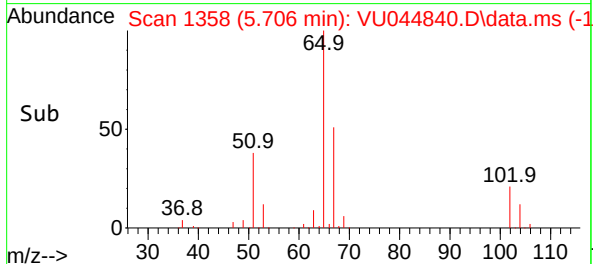
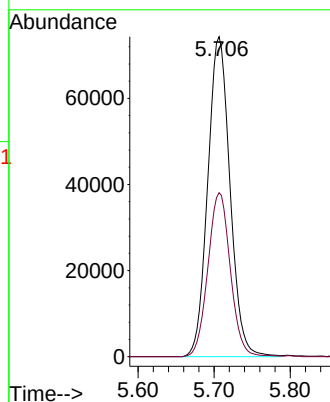
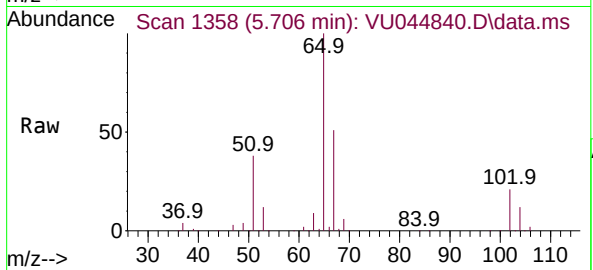


#33

1,2-Dichloroethane-d4
Concen: 50.012 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

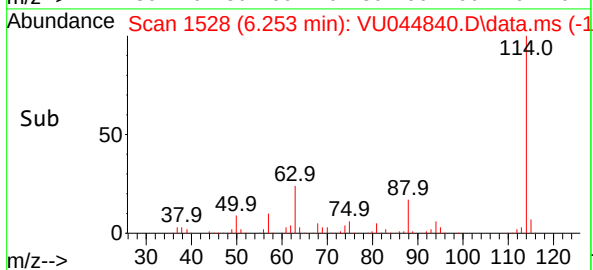
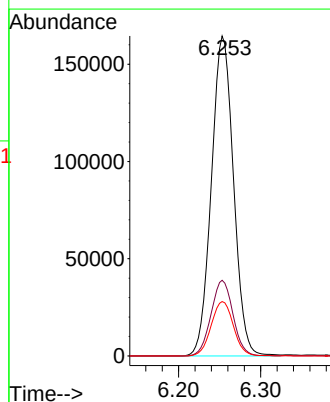
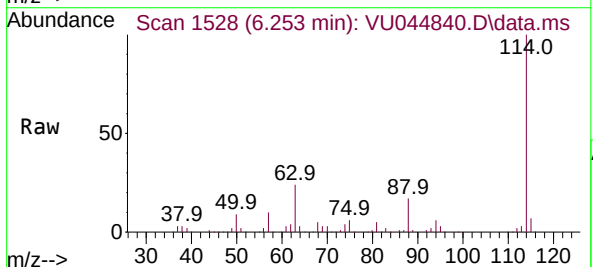
Tgt Ion: 65 Resp: 151041
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

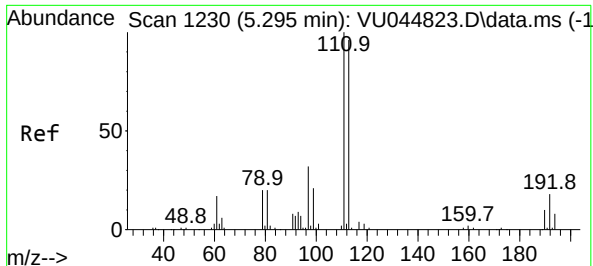


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion: 114 Resp: 308530
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.8
88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044840.D

Acq: 25 Sep 2021 16:34

Instrument :

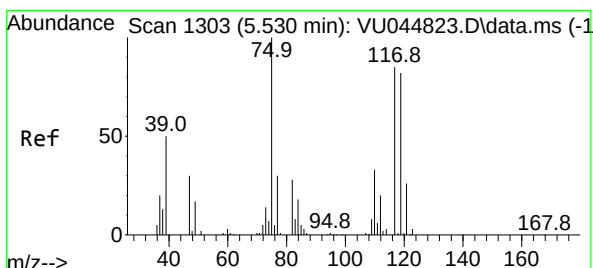
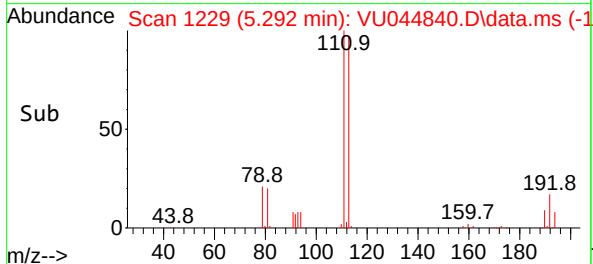
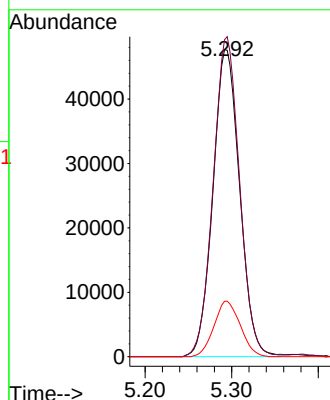
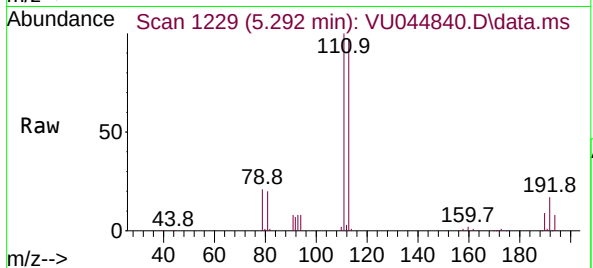
MSVOA_U

ClientSampleId :

RE126D1-20210920

Tgt Ion:113 Resp: 102029

Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.1	126.1
192	17.9	14.8	22.2



#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 5.378 min Scan# 1256

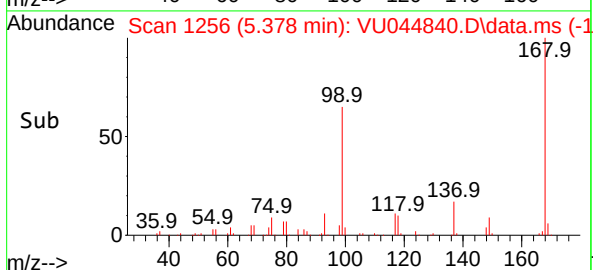
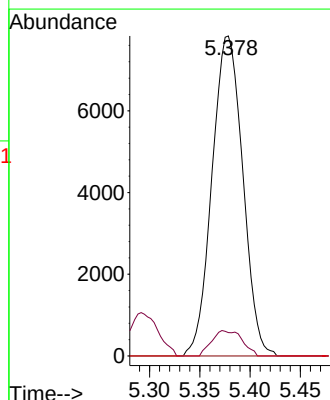
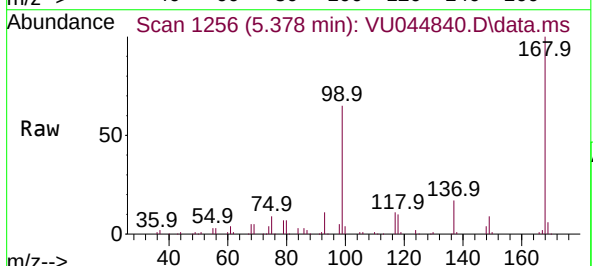
Delta R.T. -0.151 min

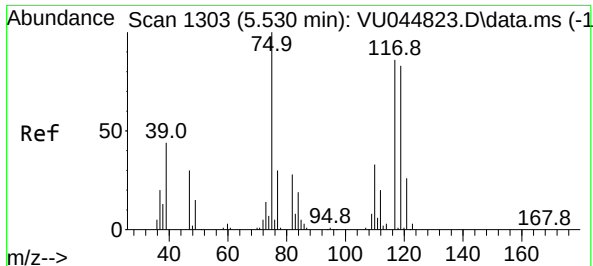
Lab File: VU044840.D

Acq: 25 Sep 2021 16:34

Tgt Ion: 75 Resp: 16664

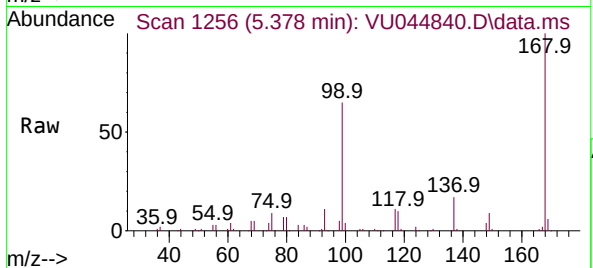
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.3	48.9#
77	0.0	25.0	37.4#



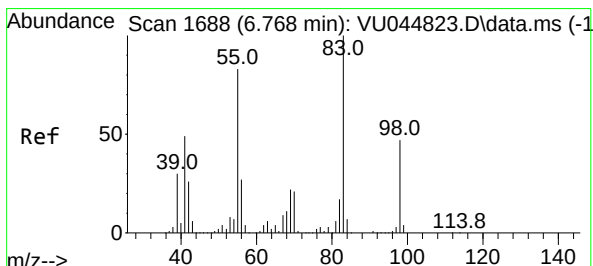
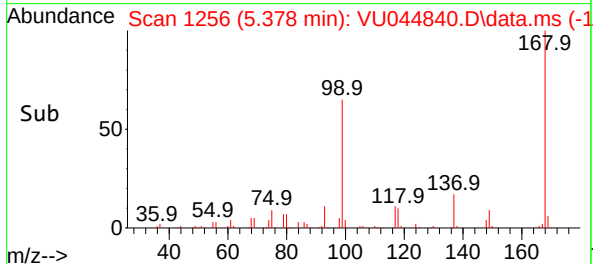
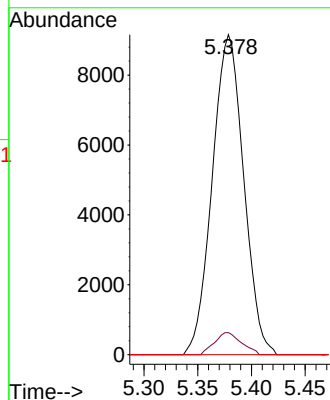


#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :
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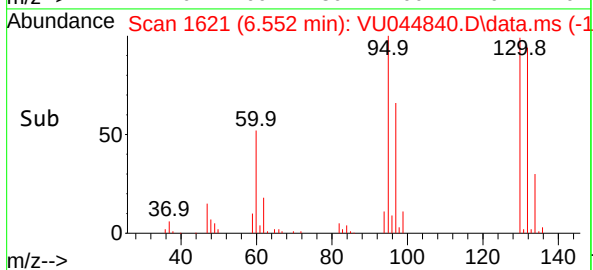
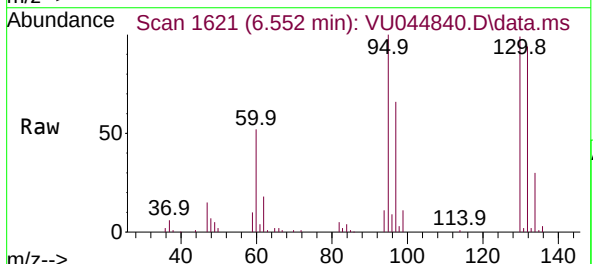
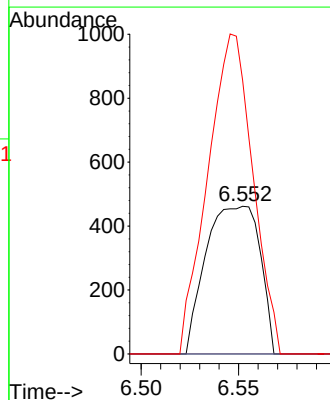


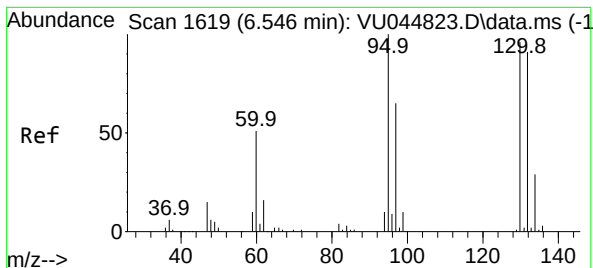
Tgt Ion:117 Resp: 18588
Ion Ratio Lower Upper
117 100
119 6.9 77.4 116.2#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.241 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. -0.215 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion: 83 Resp: 892
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 185.5 37.5 56.3#





#44

Trichloroethene

Concen: 25.954 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044840.D

Acq: 25 Sep 2021 16:34

Tgt Ion:130 Resp: 62255

Ion Ratio Lower Upper

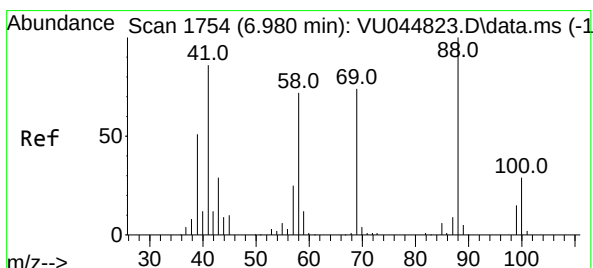
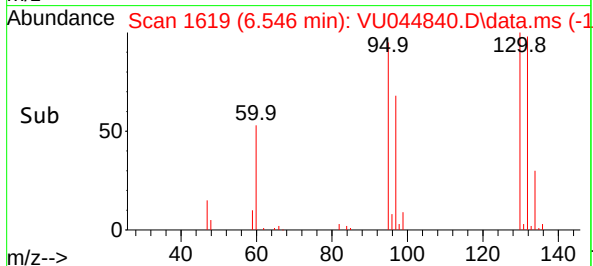
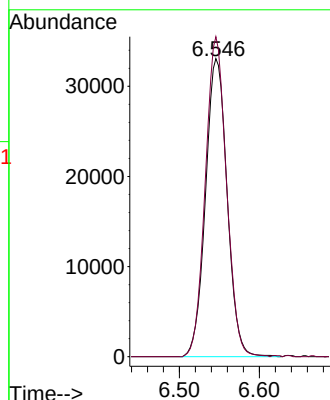
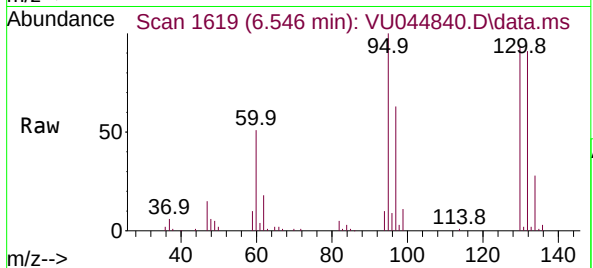
130	100		
95	107.4	0.0	209.0

Instrument :

MSVOA_U

ClientSampleId :

RE126D1-20210920



#49

1,4-Dioxane

Concen: 8.512 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. -0.006 min

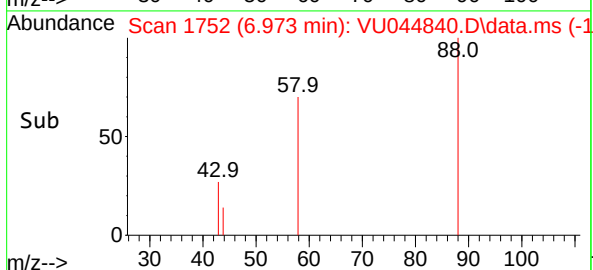
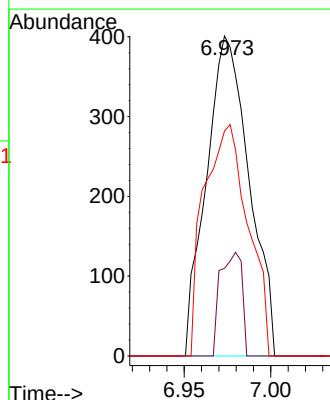
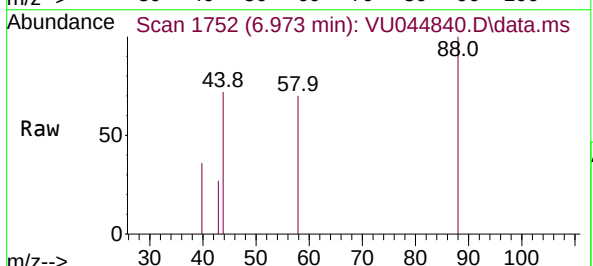
Lab File: VU044840.D

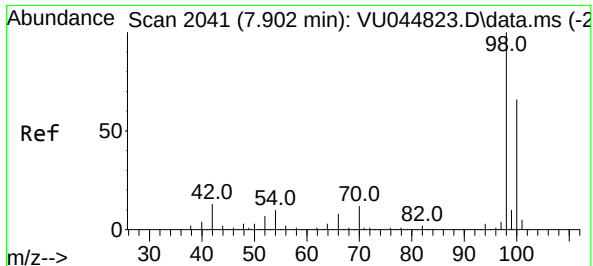
Acq: 25 Sep 2021 16:34

Tgt Ion: 88 Resp: 690

Ion Ratio Lower Upper

88	100		
43	16.4	25.8	38.6
58	74.3	61.3	91.9





#50

Toluene-d8

Concen: 49.775 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU044840.D

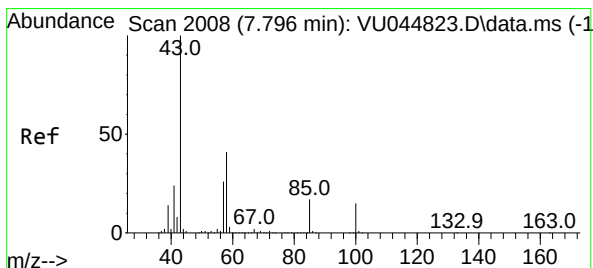
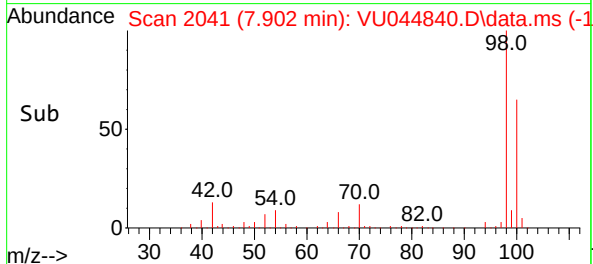
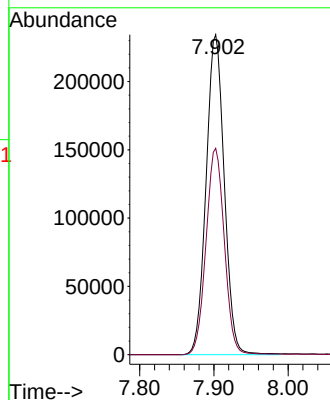
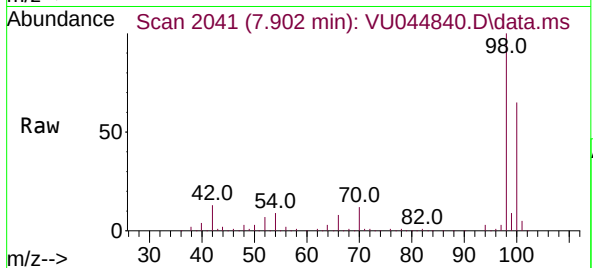
Acq: 25 Sep 2021 16:34

Tgt Ion: 98 Resp: 397889

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.411 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.103 min

Lab File: VU044840.D

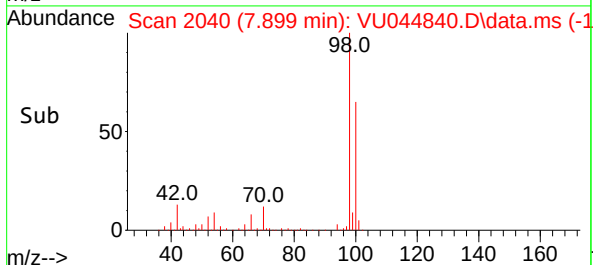
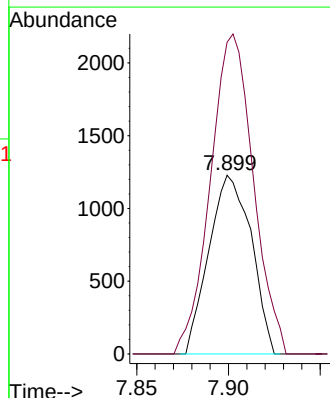
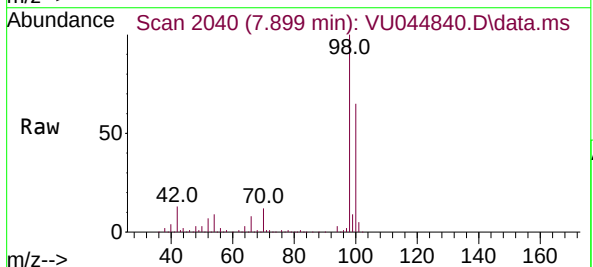
Acq: 25 Sep 2021 16:34

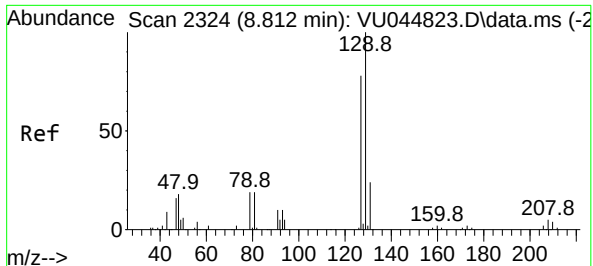
Tgt Ion: 43 Resp: 1970

Ion Ratio Lower Upper

43 100

58 181.4 32.4 48.6#

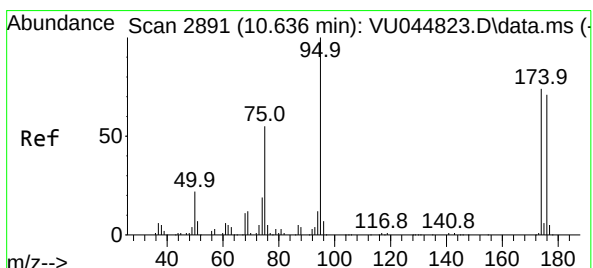
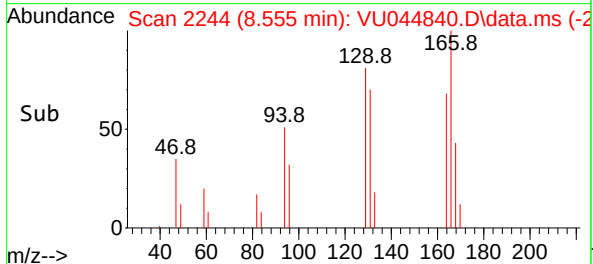
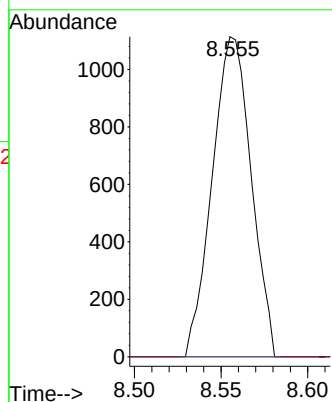
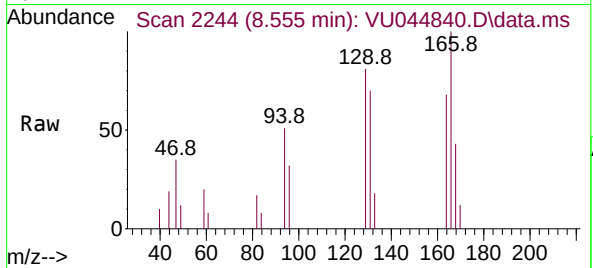




#60
Dibromochloromethane
Concen: 0.713 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

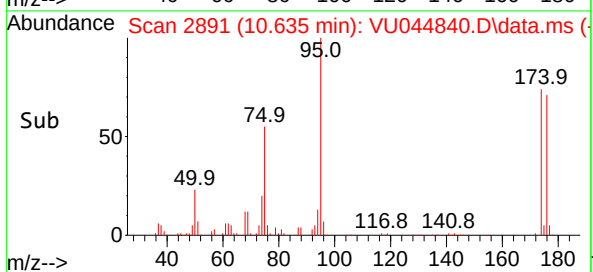
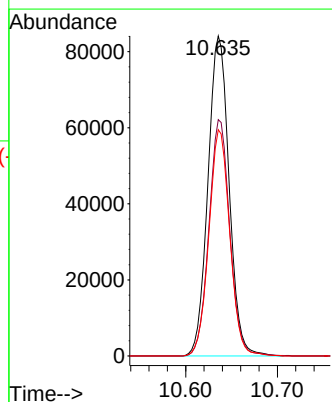
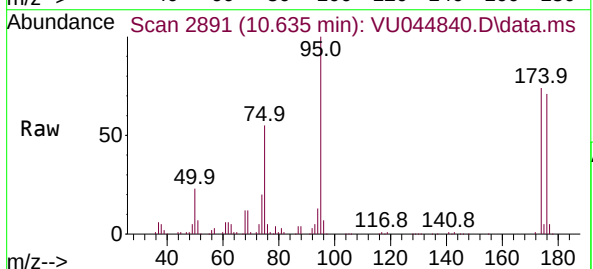
Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

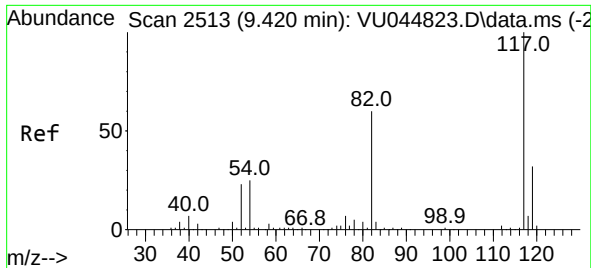
Tgt Ion:129 Resp: 1742
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 45.364 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion: 95 Resp: 134689
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.6
176 69.8 0.0 141.2

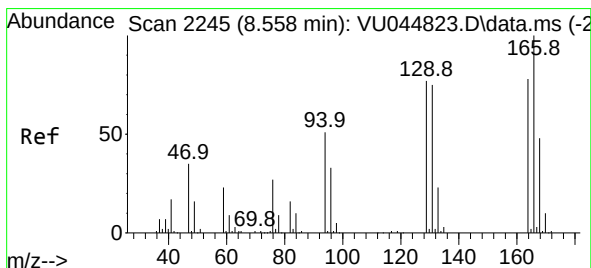
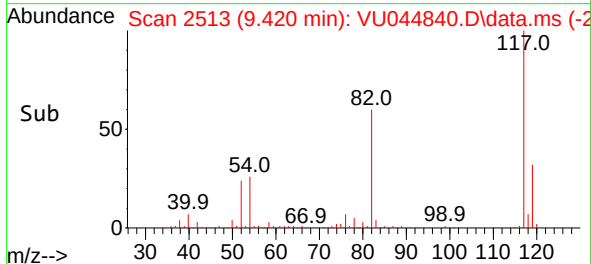
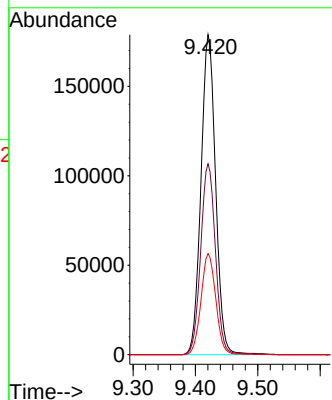
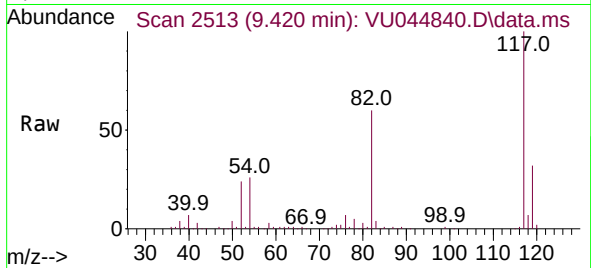




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

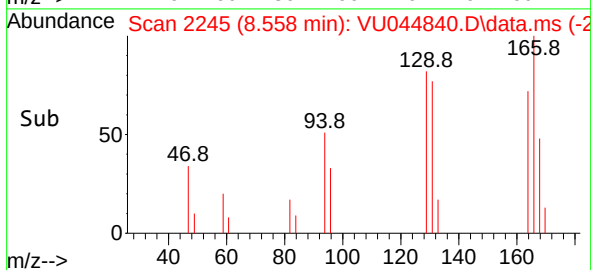
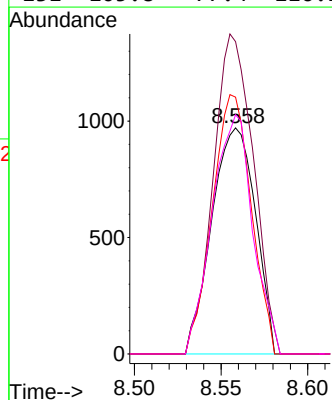
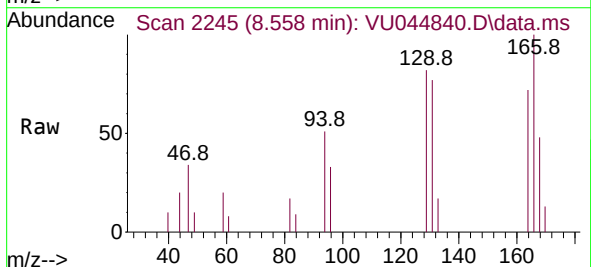
Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

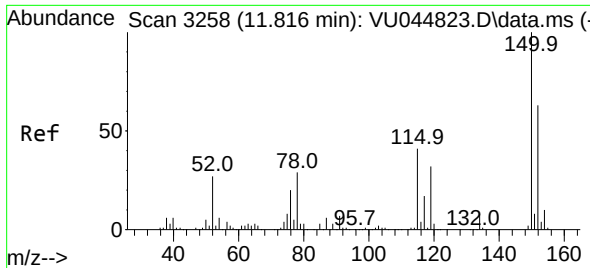
Tgt Ion:117 Resp: 292286
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 0.859 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion:164 Resp: 1701
Ion Ratio Lower Upper
164 100
166 138.1 102.8 154.2
129 113.6 79.4 119.2
131 105.8 77.4 116.2

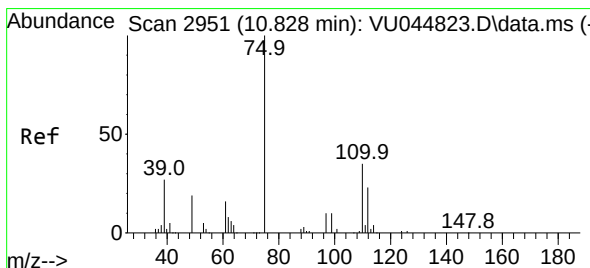
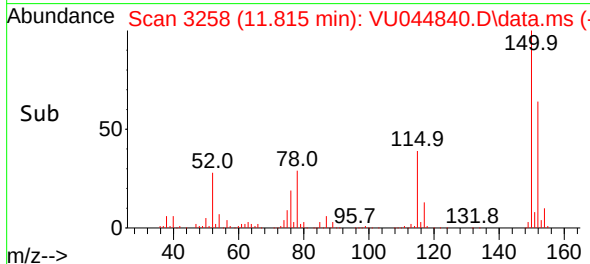
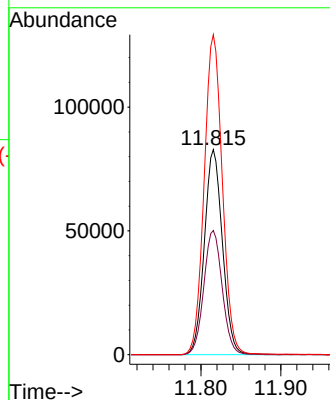
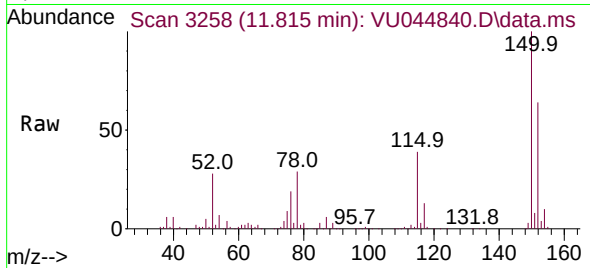




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. -0.000 min
 Lab File: VU044840.D
 Acq: 25 Sep 2021 16:34

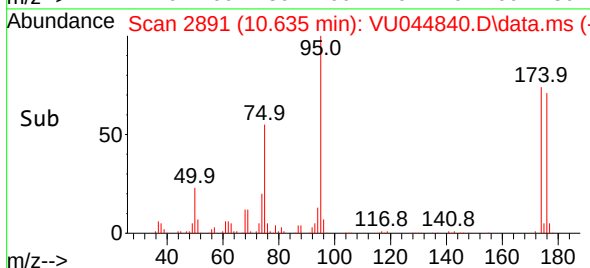
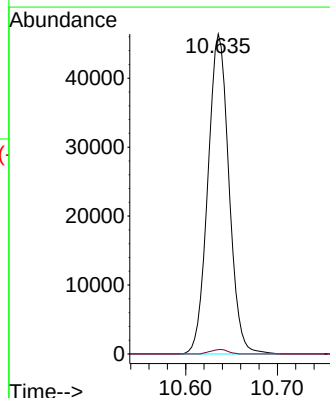
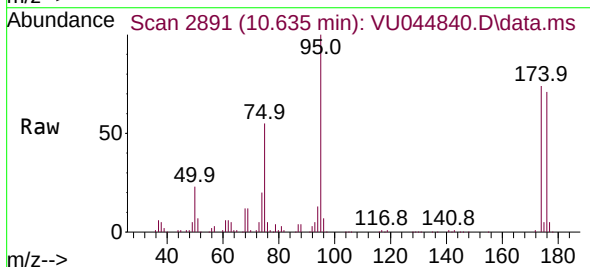
Instrument :
 MSVOA_U
 ClientSampleId :
 RE126D1-20210920

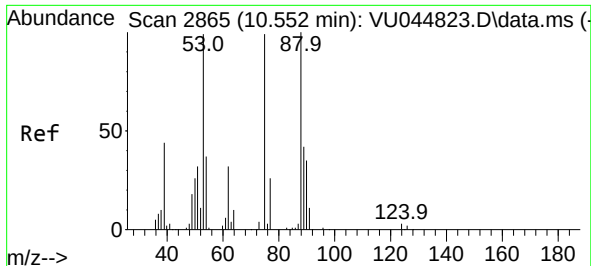
Tgt Ion:152 Resp: 130639
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.5 130.7
 150 156.7 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 18.714 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044840.D
 Acq: 25 Sep 2021 16:34

Tgt Ion: 75 Resp: 74030
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.9 53.7#

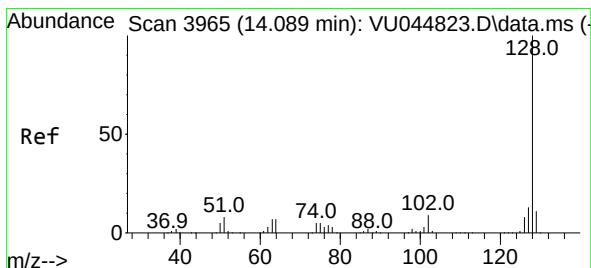
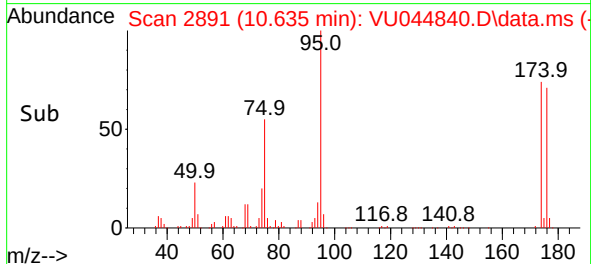
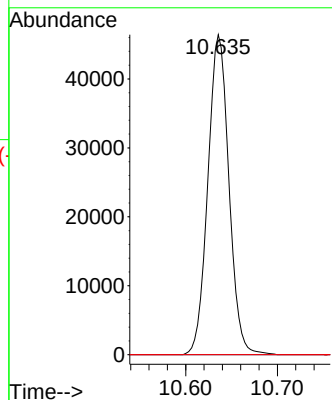
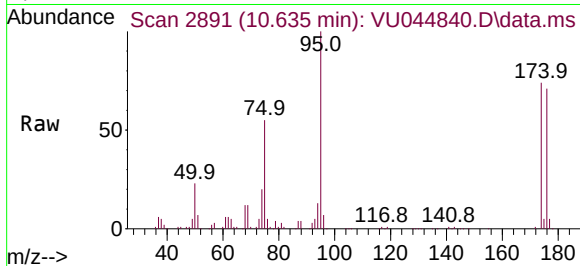




#81
trans-1,4-Dichloro-2-butene
Concen: 60.621 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :
RE126D1-20210920

Tgt Ion: 75 Resp: 74030
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 0.959 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044840.D
Acq: 25 Sep 2021 16:34

Tgt Ion:128 Resp: 162
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

