

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042915.D
 Acq On : 02 Apr 2021 22:53
 Operator : SY/MD
 Sample : M1931-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BES-13SR

Quant Time: Apr 03 00:18:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

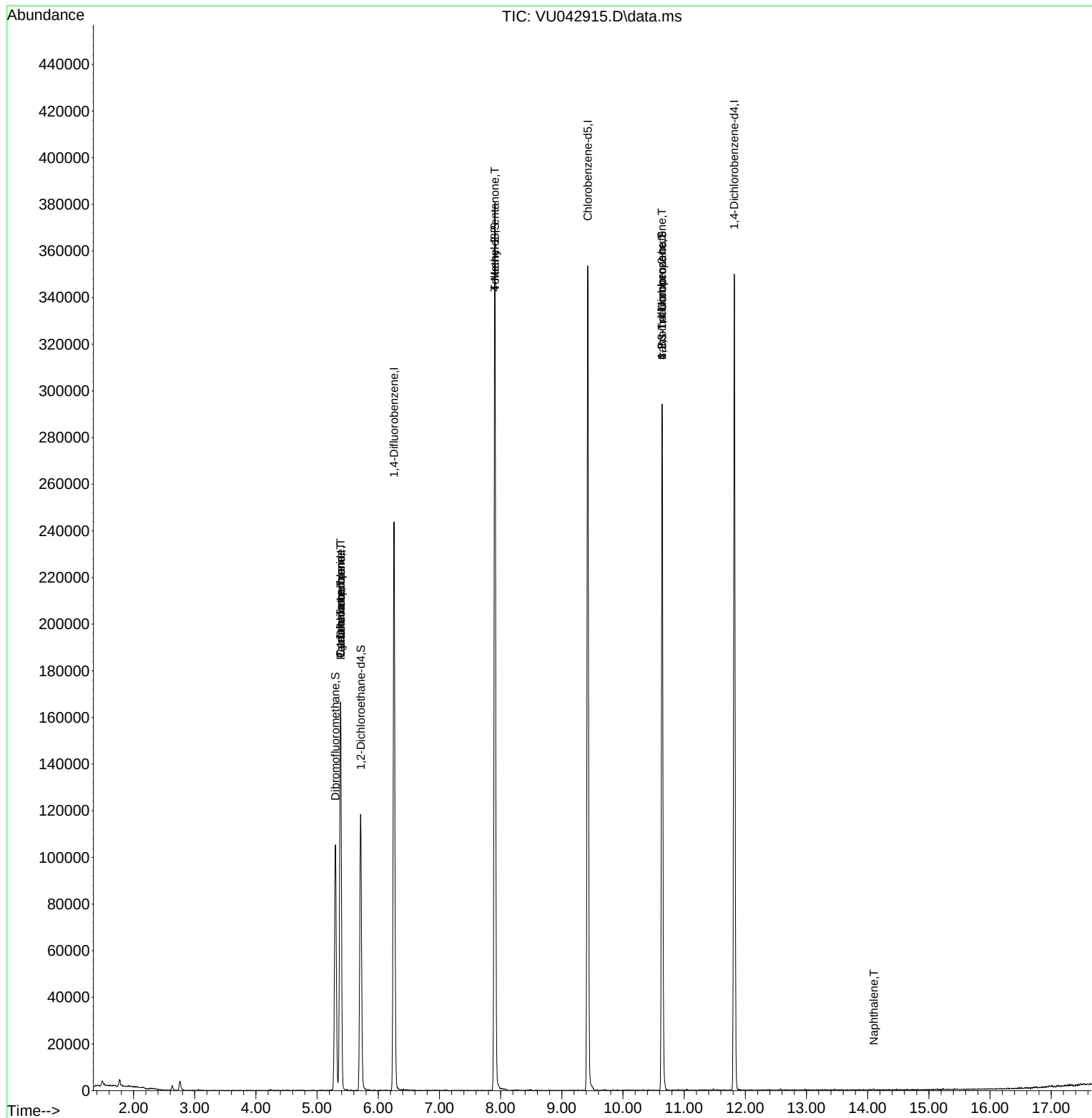
Internal Standards						
1) Pentafluorobenzene	5.385	168	114670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	184755	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	179094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	93692	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.298	113	64242	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	7.906	98	234500	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	10.639	95	86122	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.916	64	71	Below Cal	#	43
16) Acetone	2.633	43	2242	Below Cal		99
31) Cyclohexane	5.382	56	2912	1.28 ug/l	#	17
36) 1,1-Dichloropropene	5.382	75	9686	5.30 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	11763	5.64 ug/l	#	16
51) 4-Methyl-2-Pentanone	7.906	43	1305	0.44 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	51200	22.54 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	51200	66.79 ug/l	#	6
95) Naphthalene	14.102	128	536	2.66 ug/l	#	68

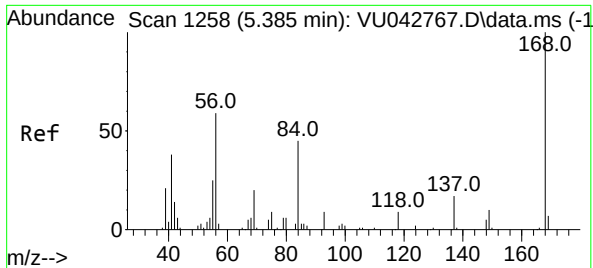
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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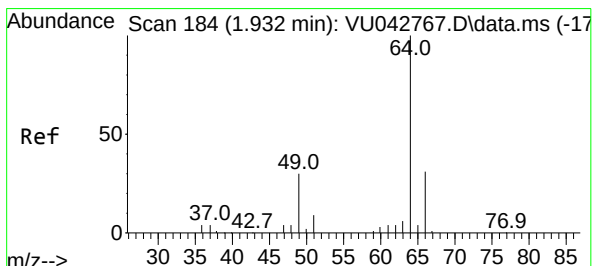
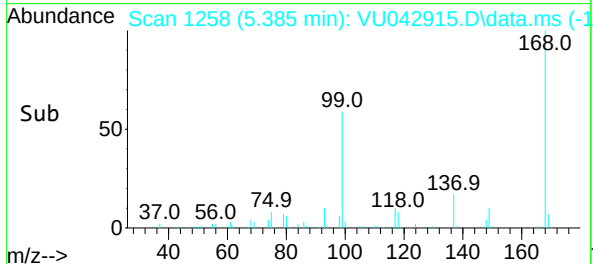
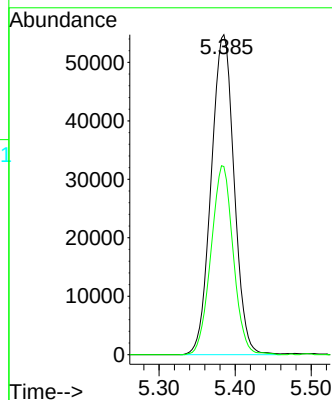
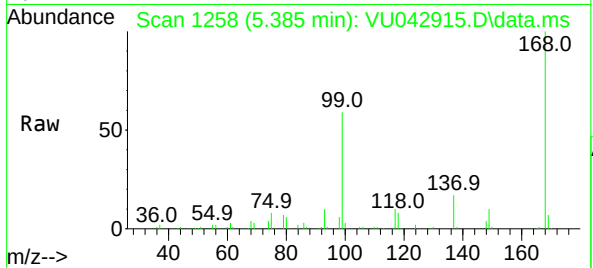




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

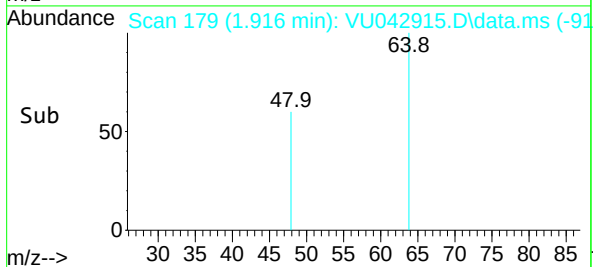
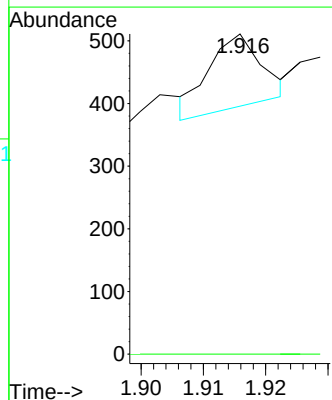
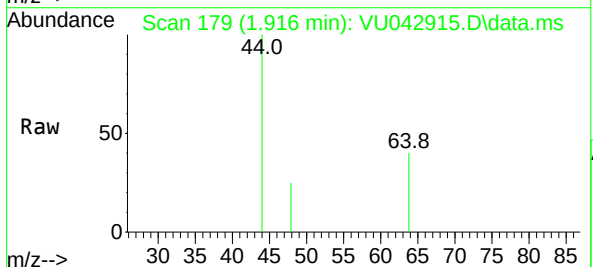
Instrument :
MSVOA_U
ClientSampleId :
BES-13SR

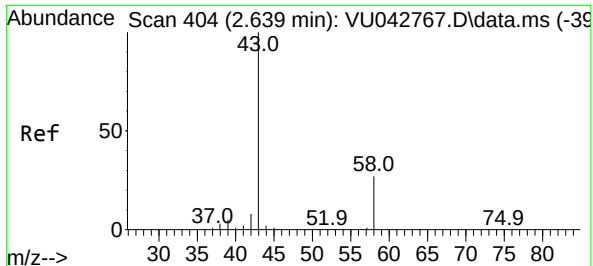
Tgt Ion:168 Resp: 114670
Ion Ratio Lower Upper
168 100
99 58.8 46.4 69.6



#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 179
Delta R.T. -0.016 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

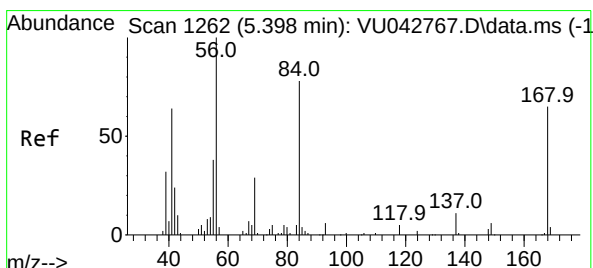
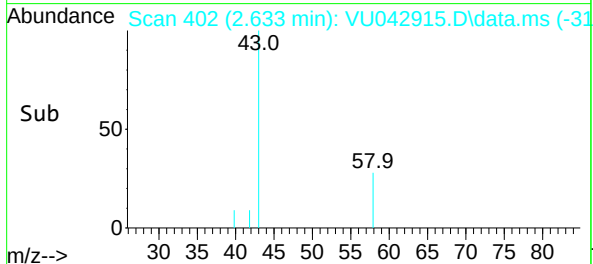
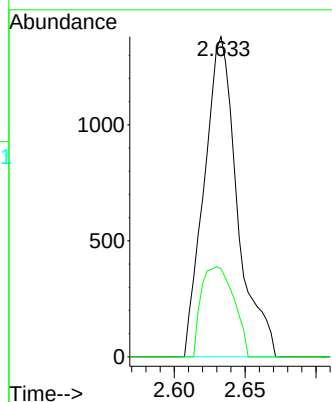
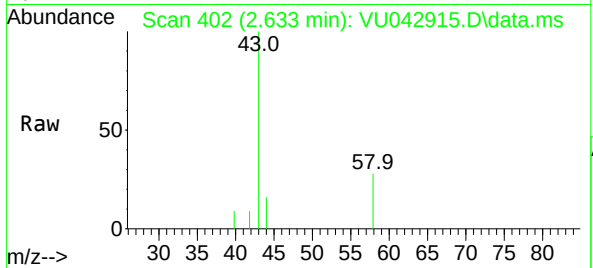




#16
Acetone
Concen: Below Cal
RT: 2.633 min Scan# 402
Delta R.T. -0.006 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

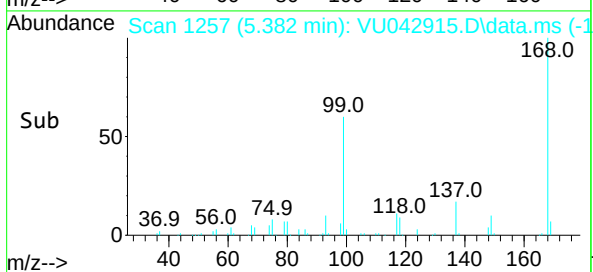
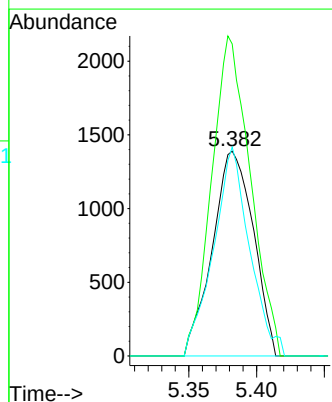
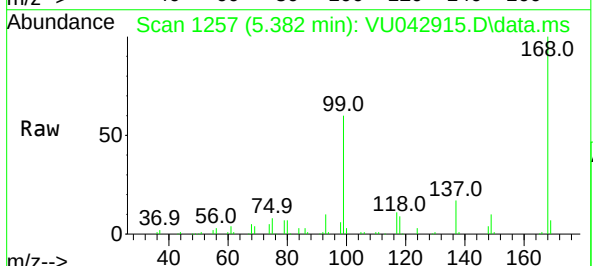
Instrument :
MSVOA_U
ClientSampleId :
BES-13SR

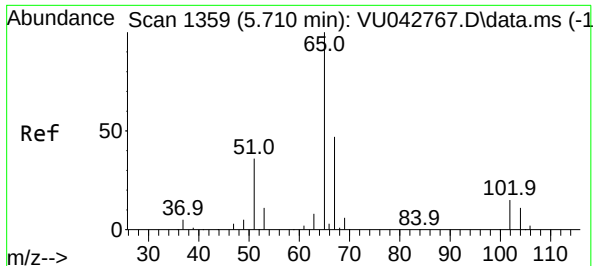
Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 27.5 21.6 32.4



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion: 56 Resp: 2912
Ion Ratio Lower Upper
56 100
69 152.4 23.3 34.9#
84 102.0 62.2 93.4#





#33

1,2-Dichloroethane-d4

Concen: 51.25 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

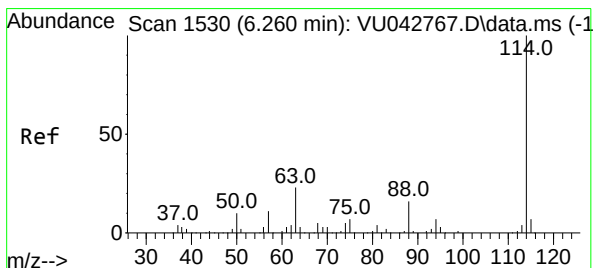
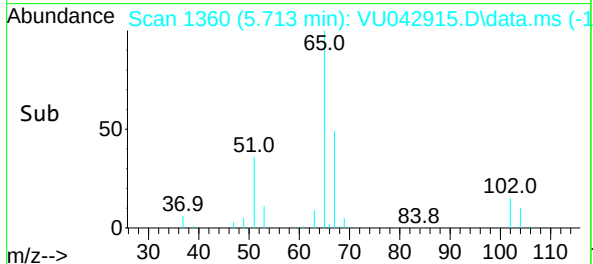
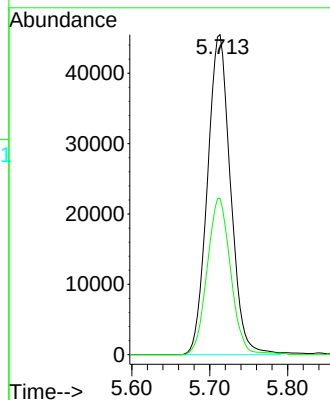
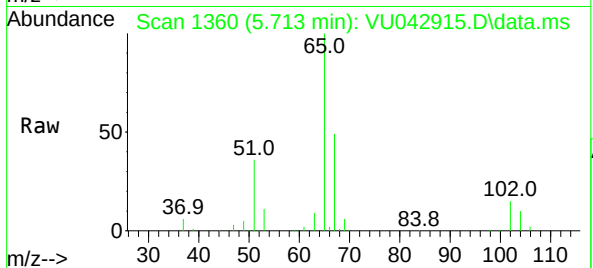
Lab File: VU042915.D

Acq: 02 Apr 2021 22:53

Tgt Ion: 65 Resp: 93692

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	98.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.257 min Scan# 1529

Delta R.T. -0.003 min

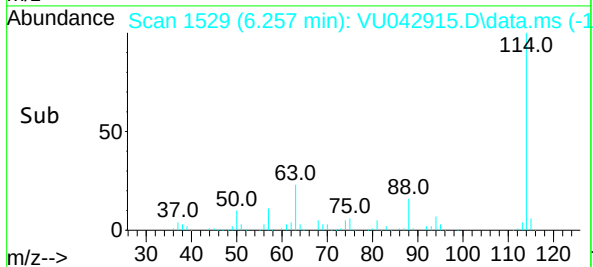
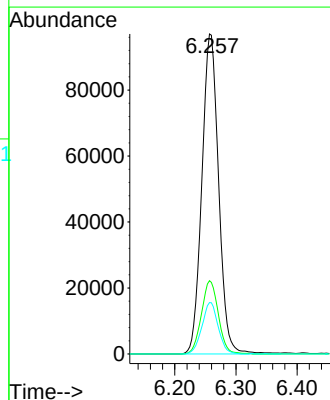
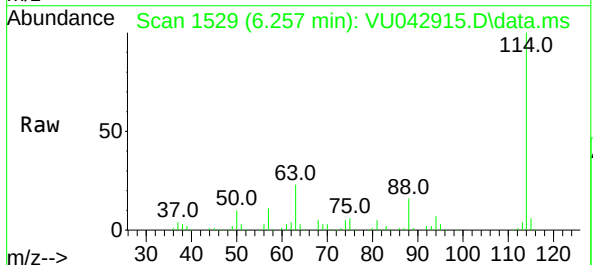
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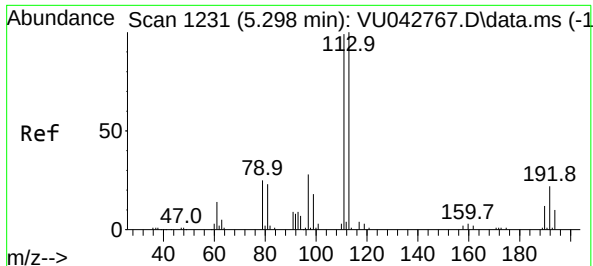
Acq: 02 Apr 2021 22:53

Tgt Ion: 114 Resp: 184755

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.8
88	16.1	0.0	32.2

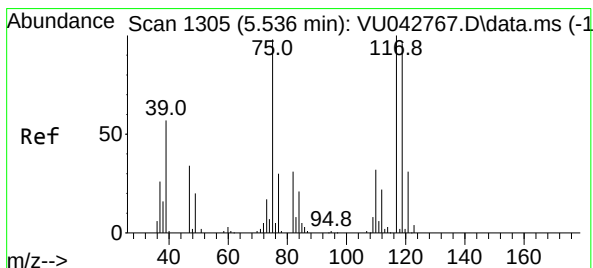
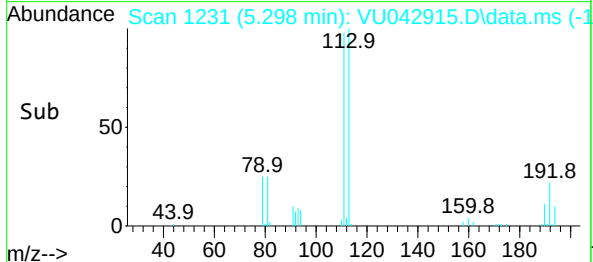
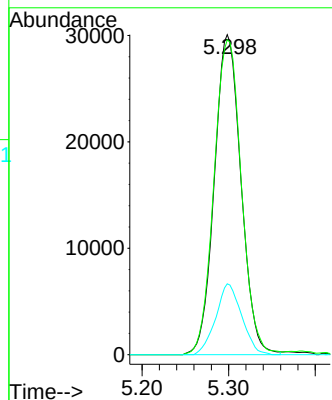
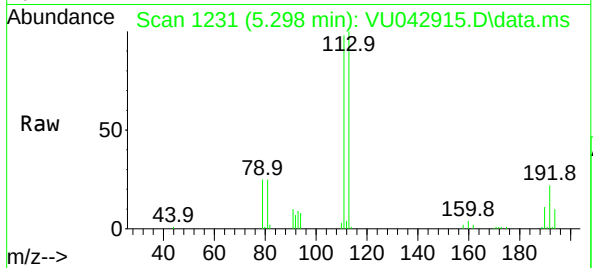




#35
Dibromofluoromethane
Concen: 46.59 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

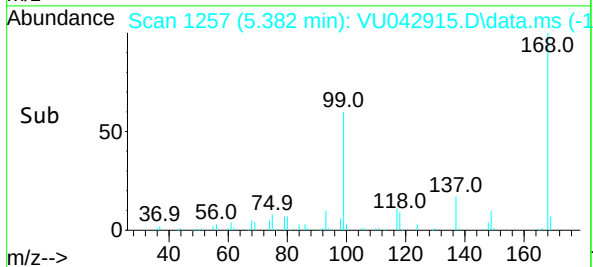
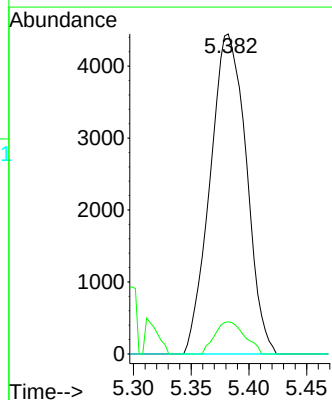
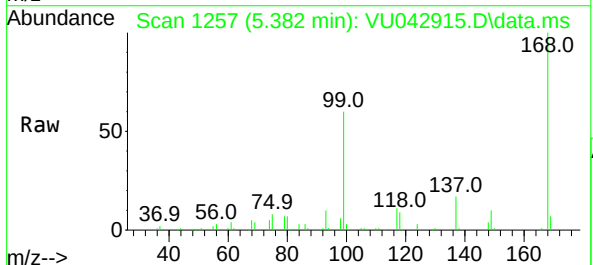
Instrument :
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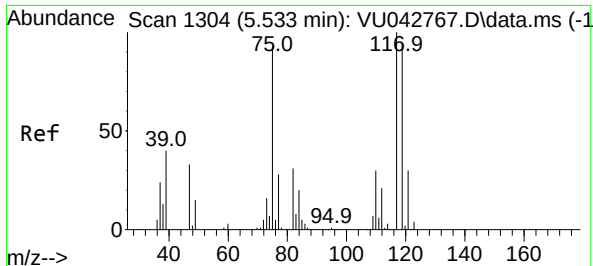
Tgt Ion:113 Resp: 64242
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.30 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

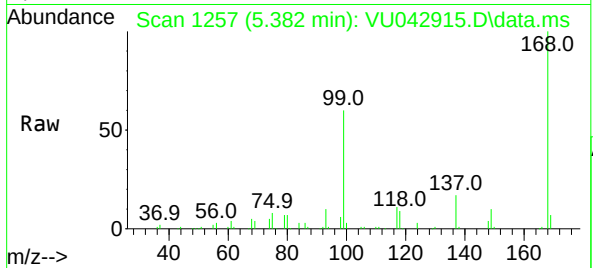
Tgt Ion: 75 Resp: 9686
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.7#
77 0.0 24.7 37.1#



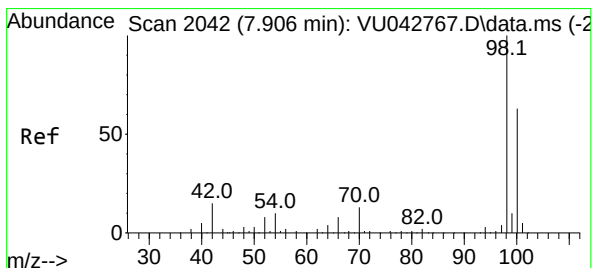
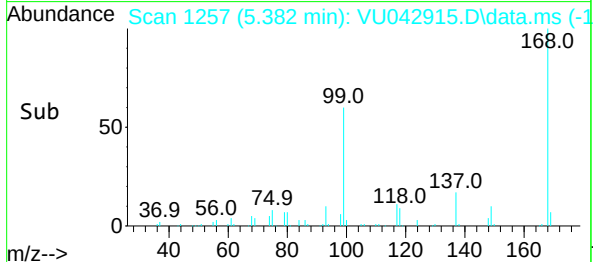
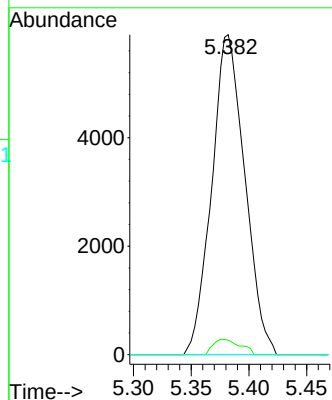


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Instrument :
MSVOA_U
ClientSampleId :
BES-13SR

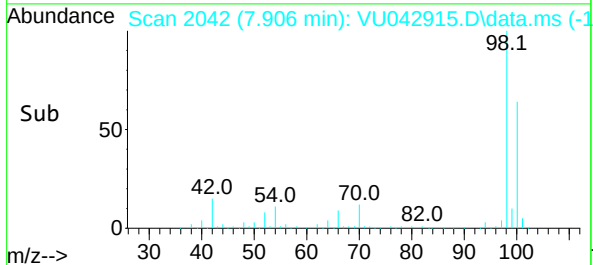
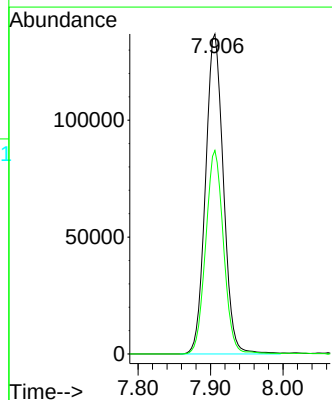
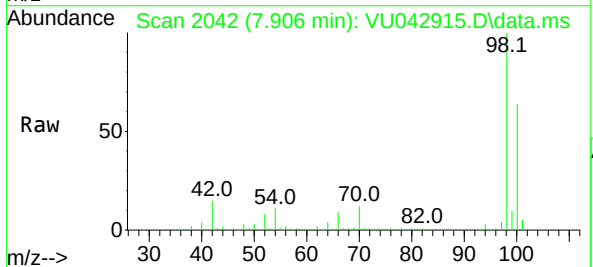


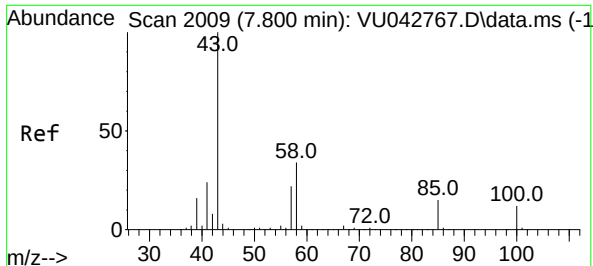
Tgt Ion: 117 Resp: 11763
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.34 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion: 98 Resp: 234500
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6

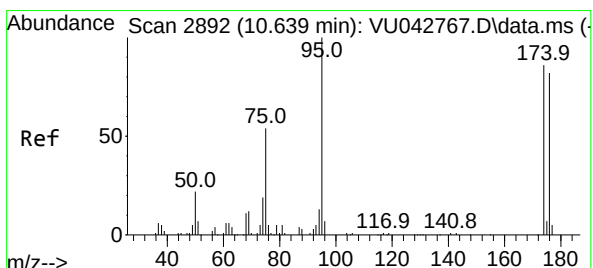
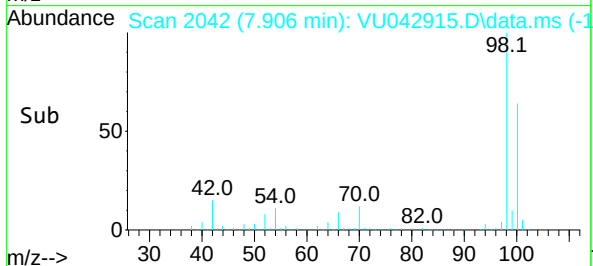
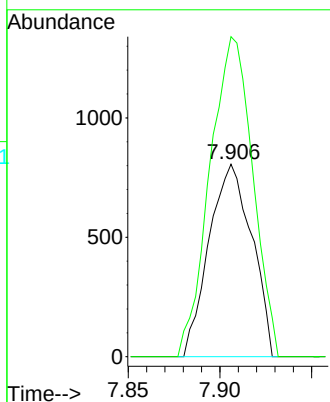
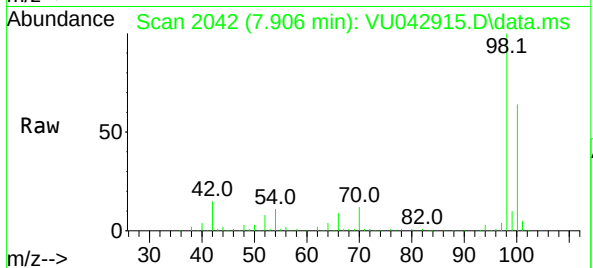




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

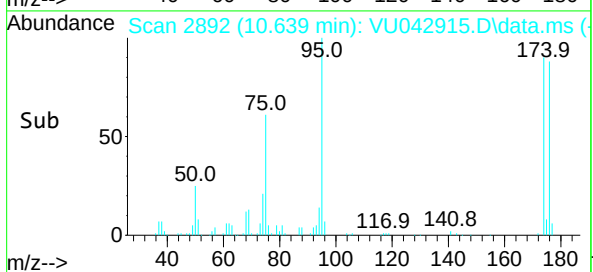
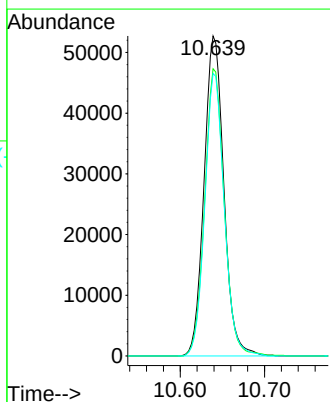
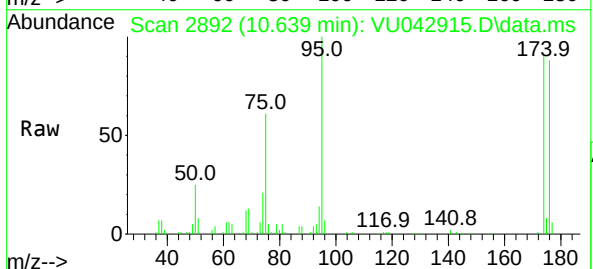
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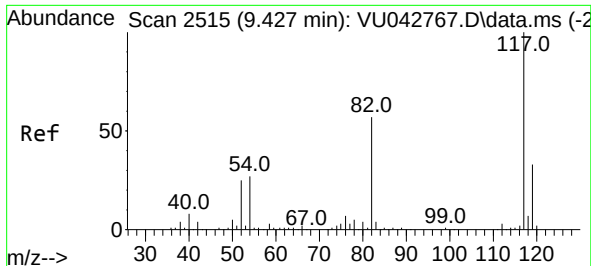
Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 166.7 27.4 41.2#



#62
4-Bromofluorobenzene
Concen: 45.69 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion: 95 Resp: 86122
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.2
176 86.5 0.0 167.4

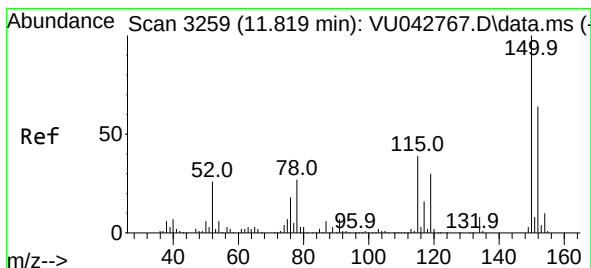
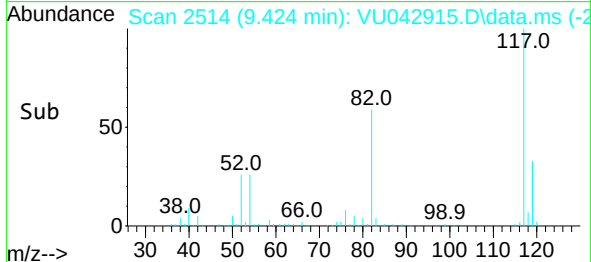
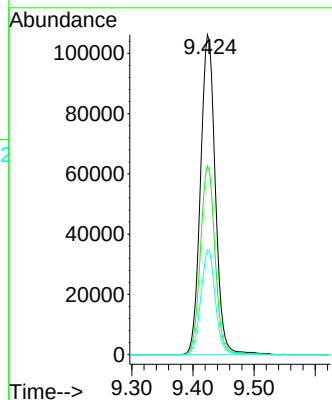
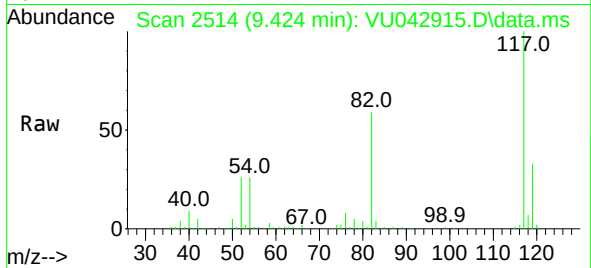




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

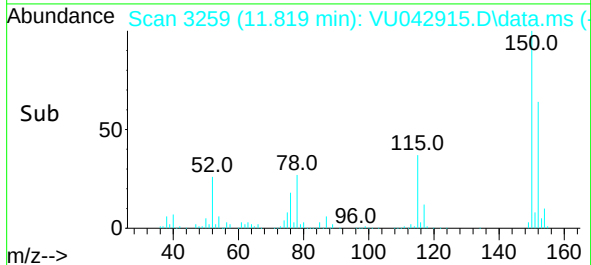
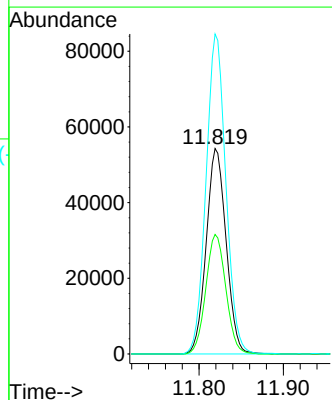
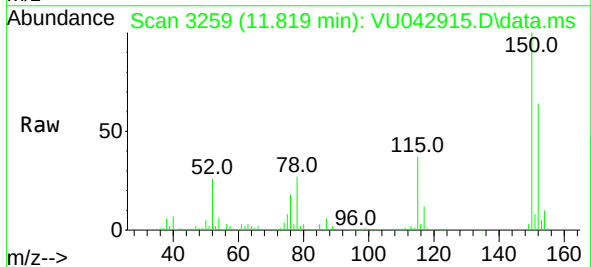
Instrument :
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BES-13SR

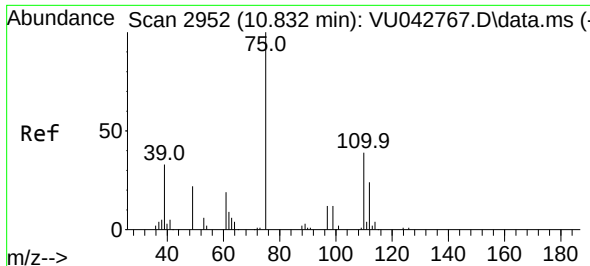
Tgt Ion:117 Resp: 179094
Ion Ratio Lower Upper
117 100
82 59.0 45.5 68.3
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion:152 Resp: 89304
Ion Ratio Lower Upper
152 100
115 58.4 41.0 123.0
150 155.1 0.0 341.0

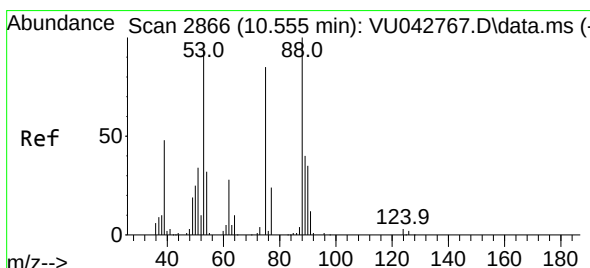
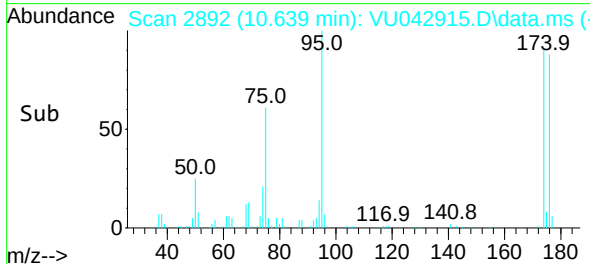
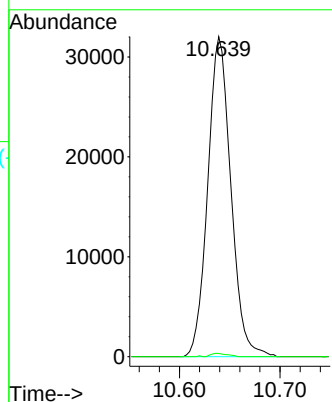
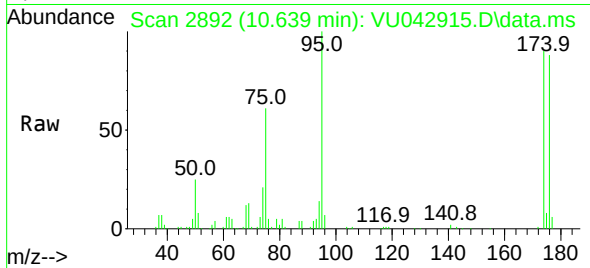




#76
1,2,3-Trichloropropane
Concen: 22.54 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

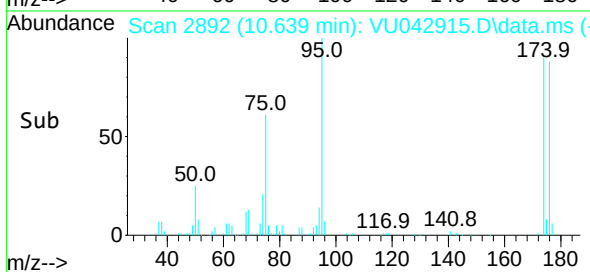
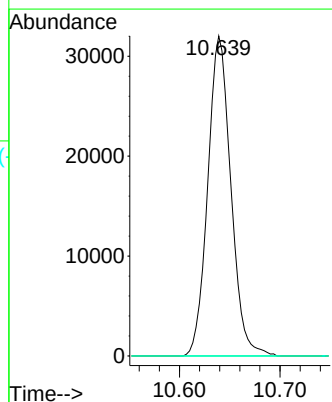
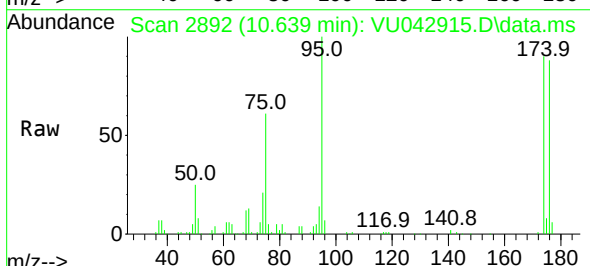
Instrument :
MSVOA_U
ClientSampleId :
BES-13SR

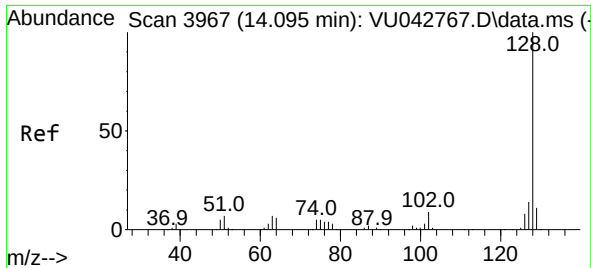
Tgt Ion: 75 Resp: 51200
Ion Ratio Lower Upper
75 100
77 0.7 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.79 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

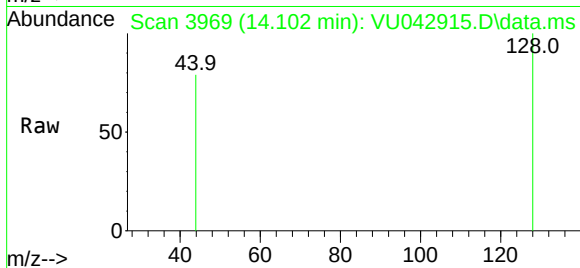
Tgt Ion: 75 Resp: 51200
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.66 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Instrument :
MSVOA_U
ClientSampleId :
BES-13SR



Tgt Ion:128 Resp: 536
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

