

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042965.D
 Acq On : 06 Apr 2021 19:15
 Operator : SY/MD
 Sample : M1951-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:46:09 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)

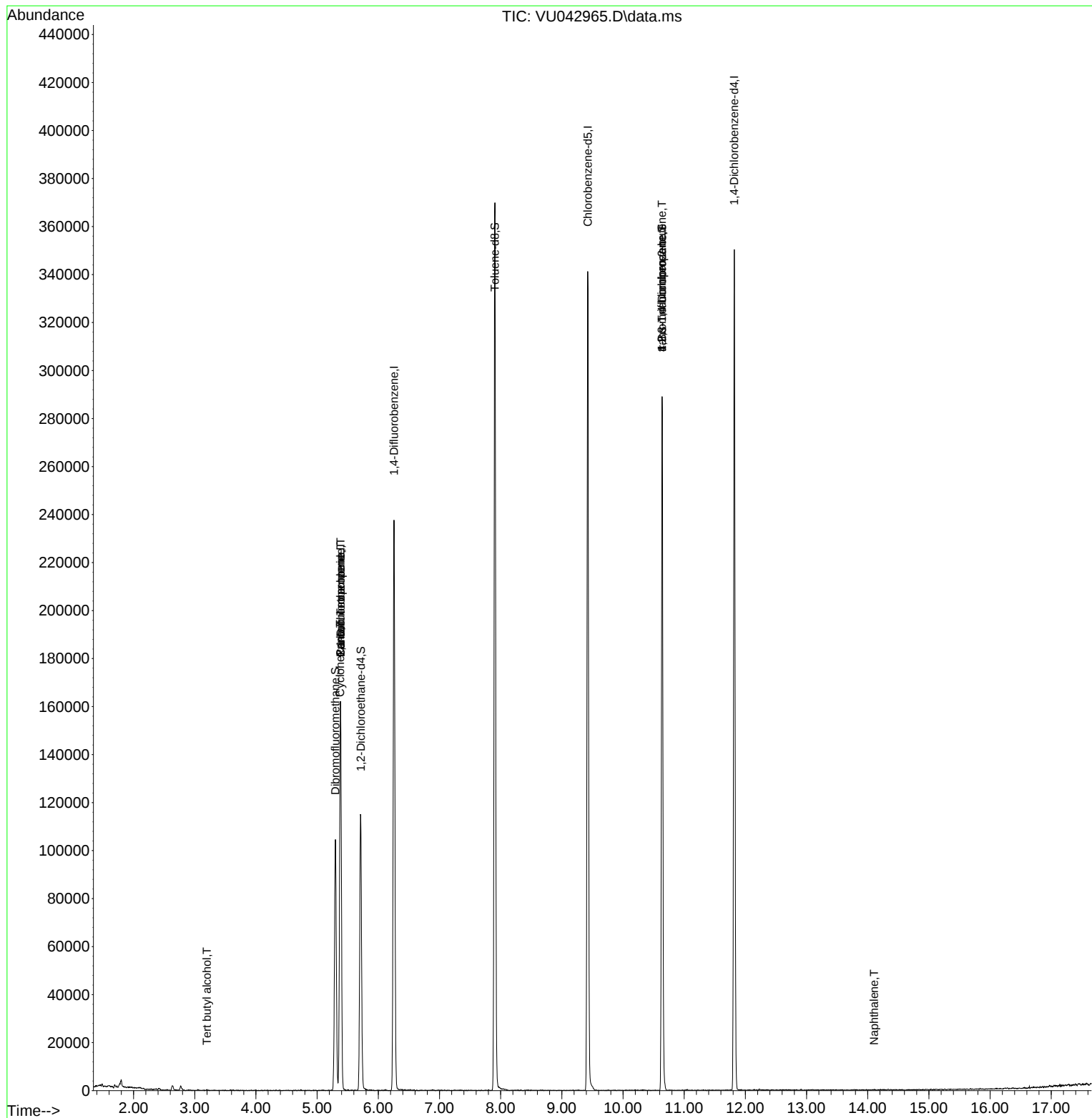
Internal Standards						
1) Pentafluorobenzene	5.382	168	113072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	182616	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	175653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	90671	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.298	113	63181	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	7.906	98	228721	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	10.639	95	85001	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.945	64	202	Below Cal	#	43
11) Tert butyl alcohol	3.199	59	392	1.02 ug/l	#	74
16) Acetone	2.629	43	2637	Below Cal		100
31) Cyclohexane	5.375	56	2641	1.18 ug/l	#	28
36) 1,1-Dichloropropene	5.382	75	8830	4.89 ug/l	#	51
38) Carbon Tetrachloride	5.382	117	11320	5.49 ug/l	#	18
76) 1,2,3-Trichloropropane	10.639	75	49844	22.95 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	49844	67.98 ug/l	#	6
95) Naphthalene	14.105	128	190	2.61 ug/l	#	68

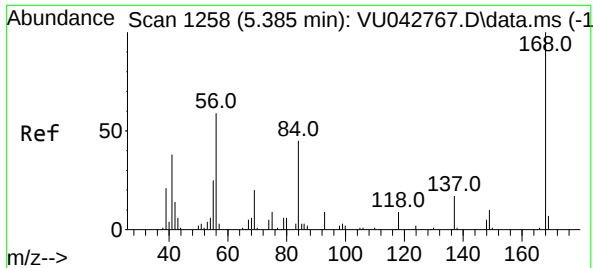
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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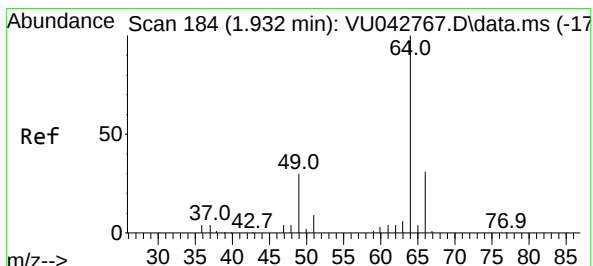
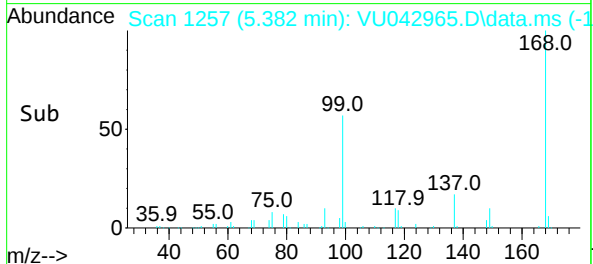
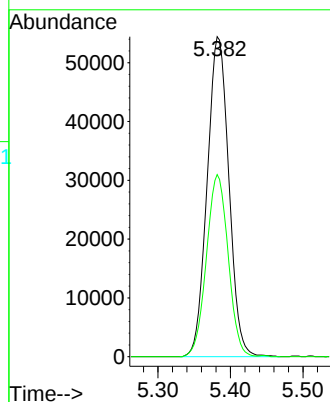
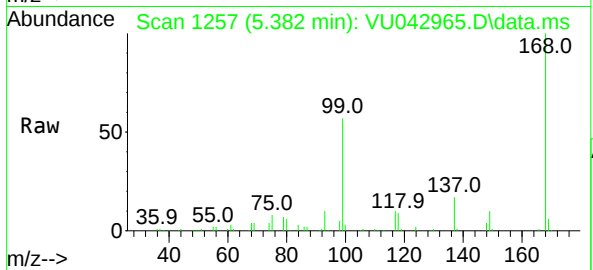




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

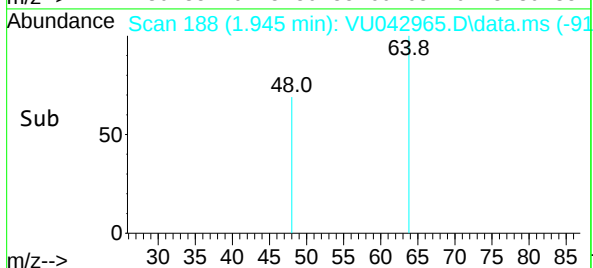
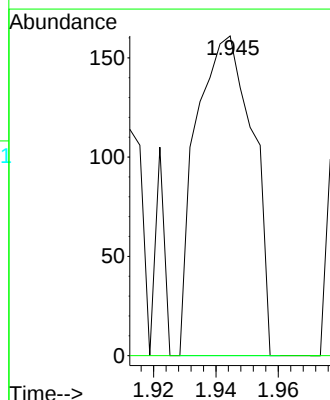
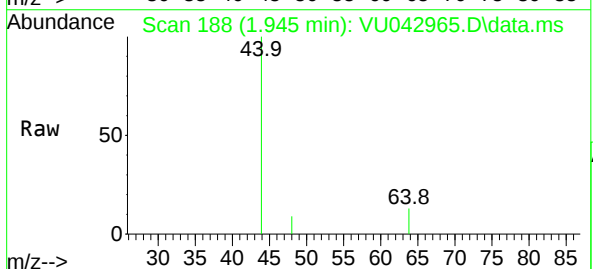
Instrument :
MSVOA_U
ClientSampleId :

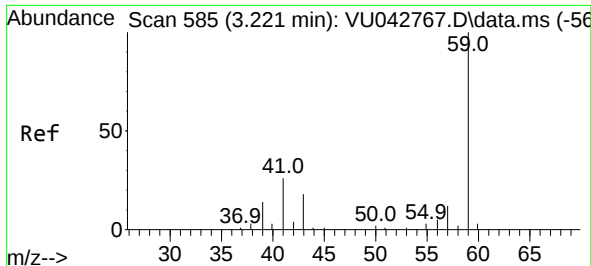
Tgt Ion:168 Resp: 113072
Ion Ratio Lower Upper
168 100
99 56.9 46.4 69.6



#6
Chloroethane
Concen: Below Cal
RT: 1.945 min Scan# 188
Delta R.T. 0.013 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

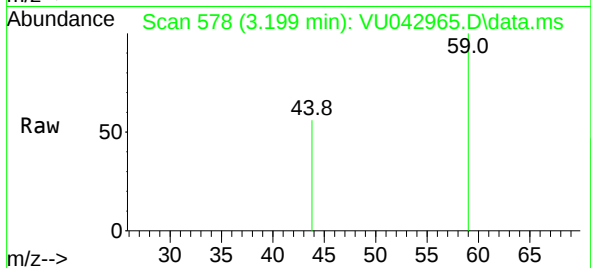
Tgt Ion: 64 Resp: 202
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



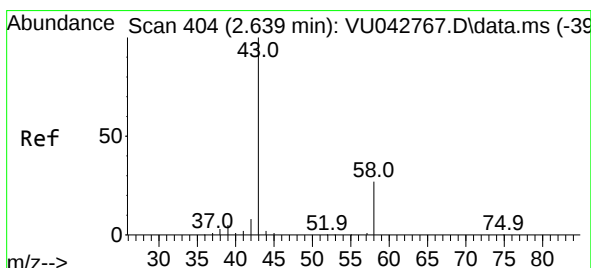
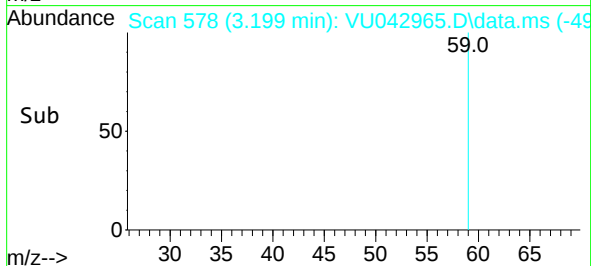
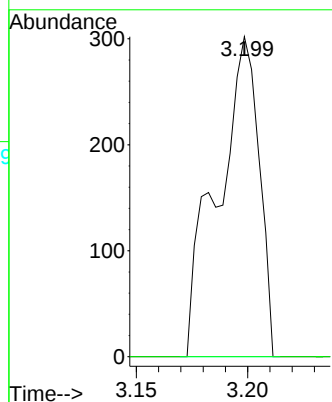


#11
Tert butyl alcohol
Concen: 1.02 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.023 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

Instrument :
MSVOA_U
ClientSampleId :

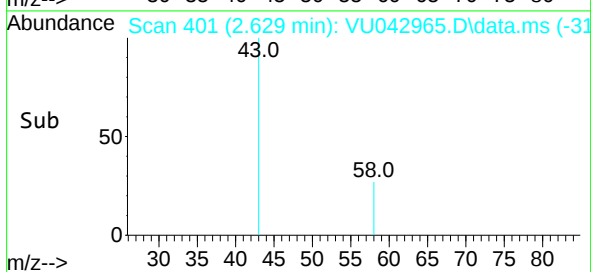
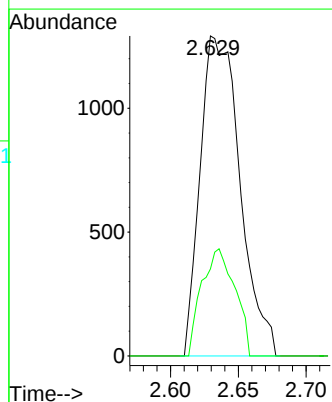
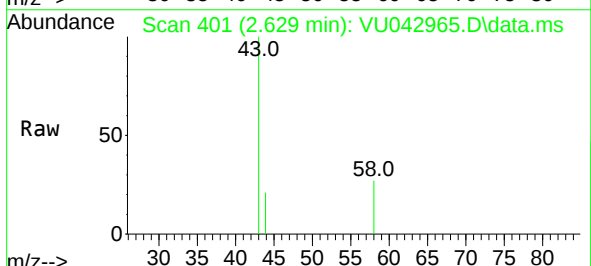


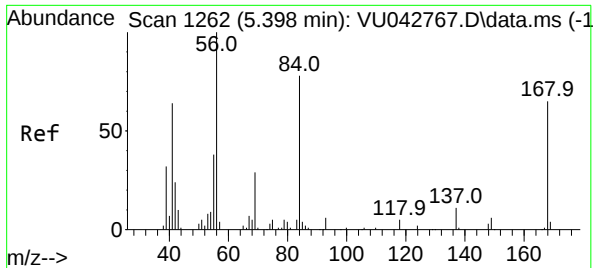
Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: Below Cal
RT: 2.629 min Scan# 401
Delta R.T. -0.010 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

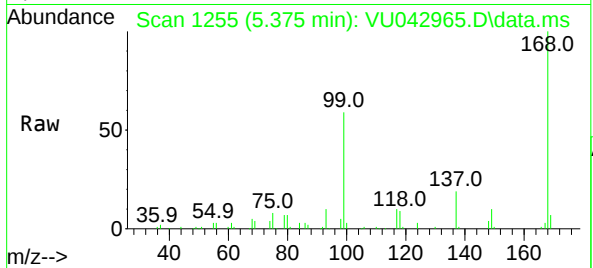
Tgt Ion: 43 Resp: 2637
Ion Ratio Lower Upper
43 100
58 27.2 21.6 32.4



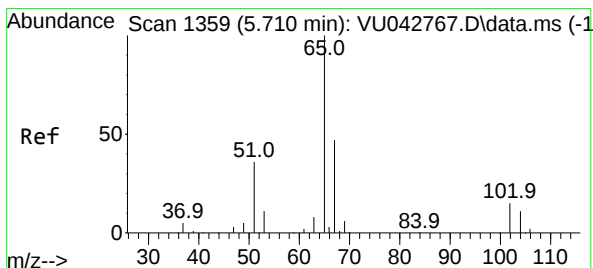
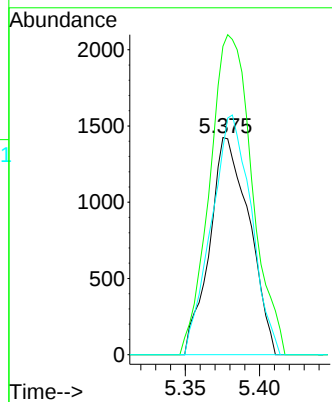
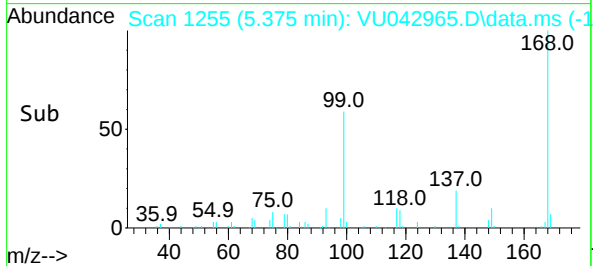


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.023 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

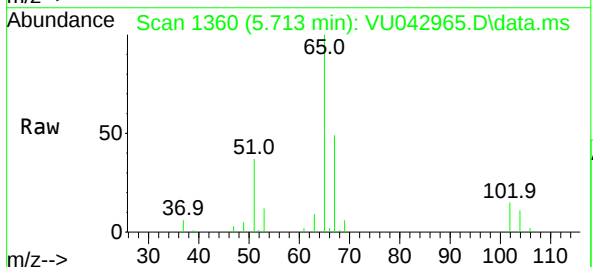
Instrument :
MSVOA_U
ClientSampleId :



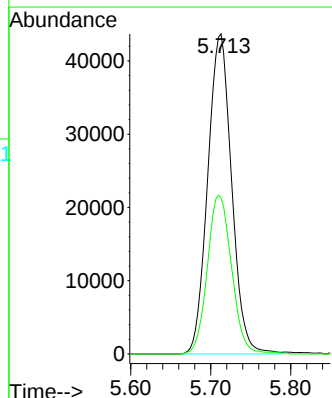
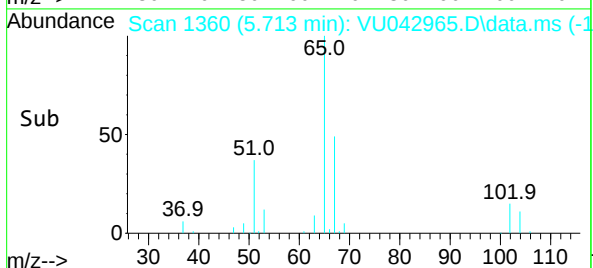
Tgt Ion: 56 Resp: 2641
Ion Ratio Lower Upper
56 100
69 142.0 23.3 34.9#
84 95.2 62.2 93.4#

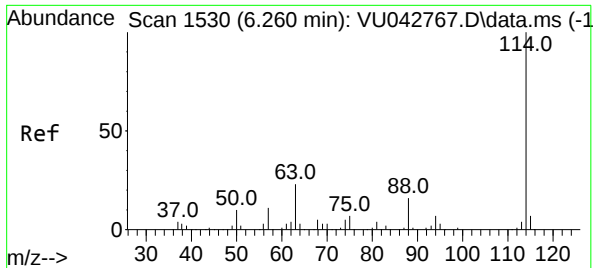


#33
1,2-Dichloroethane-d4
Concen: 50.30 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15



Tgt Ion: 65 Resp: 90671
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.8

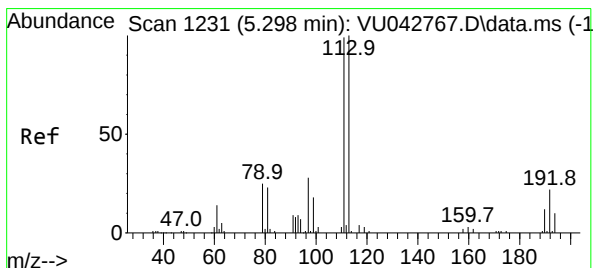
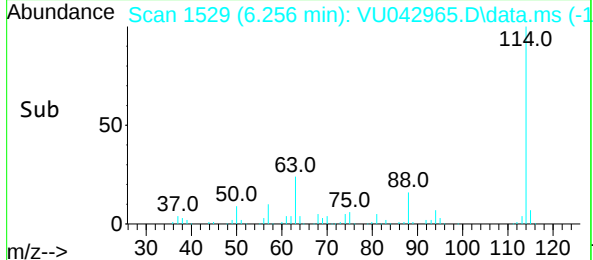
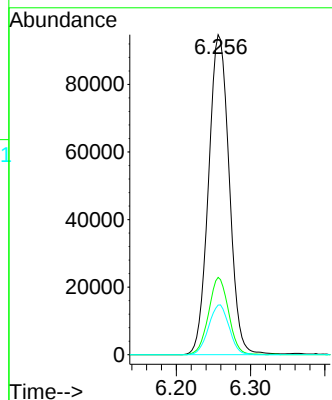
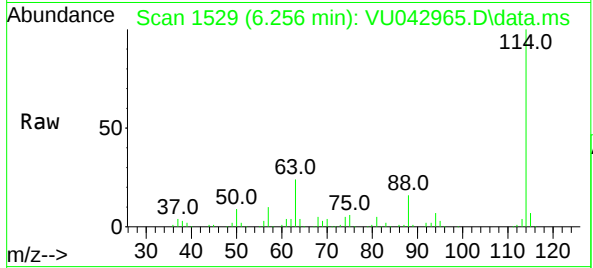




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

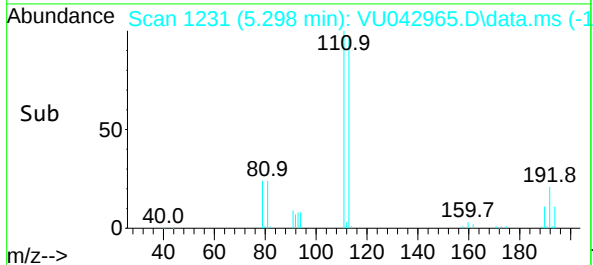
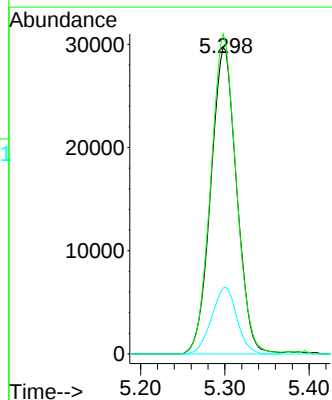
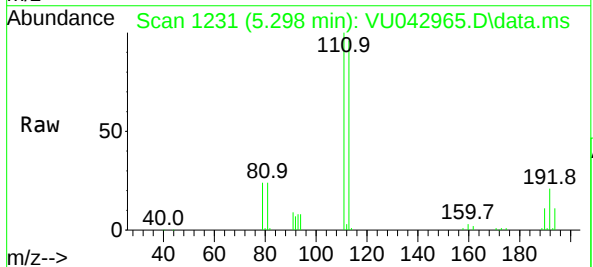
Instrument :
MSVOA_U
ClientSampleId :

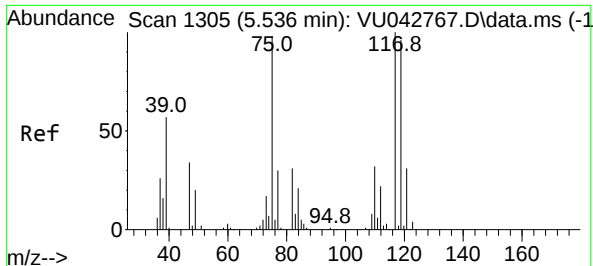
Tgt Ion:114 Resp: 182616
Ion Ratio Lower Upper
114 100
63 24.1 0.0 46.8
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.36 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

Tgt Ion:113 Resp: 63181
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 21.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.89 ug/l

RT: 5.382 min Scan# 1257

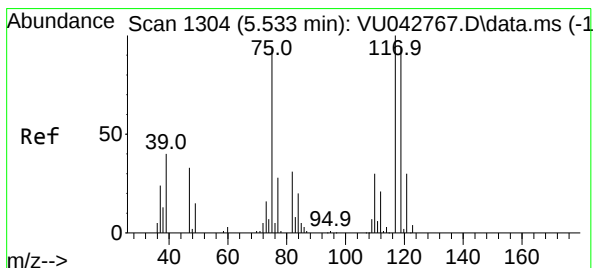
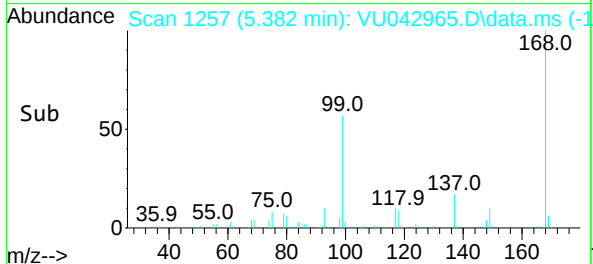
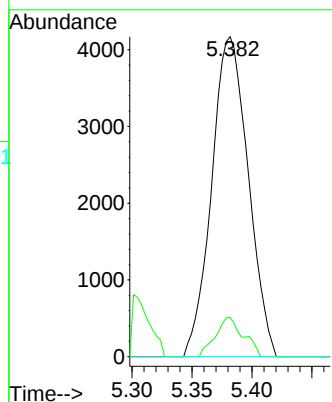
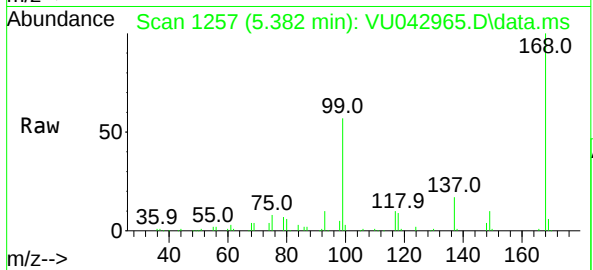
Delta R.T. -0.155 min

Lab File: VU042965.D

Acq: 06 Apr 2021 19:15

Tgt Ion:	75	Resp:	8830
Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.49 ug/l

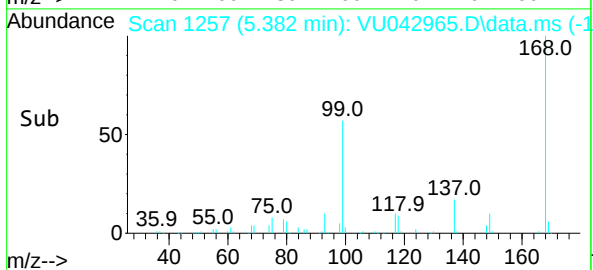
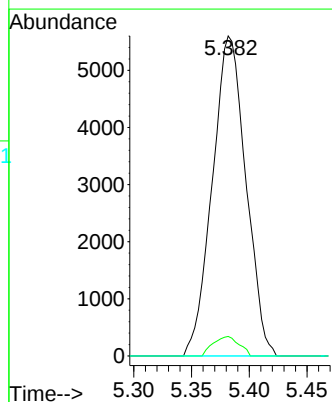
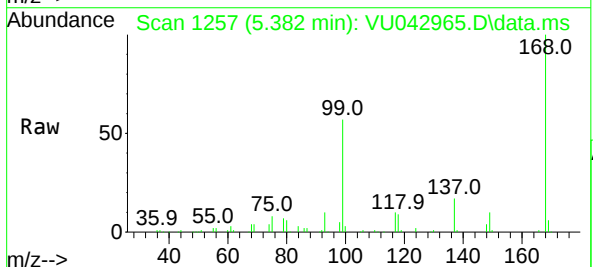
RT: 5.382 min Scan# 1257

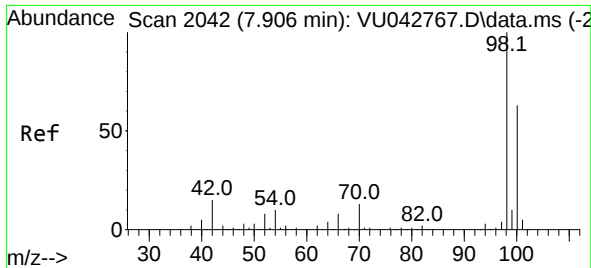
Delta R.T. -0.151 min

Lab File: VU042965.D

Acq: 06 Apr 2021 19:15

Tgt Ion:	117	Resp:	11320
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.2	112.8#
121	0.0	24.2	36.4#

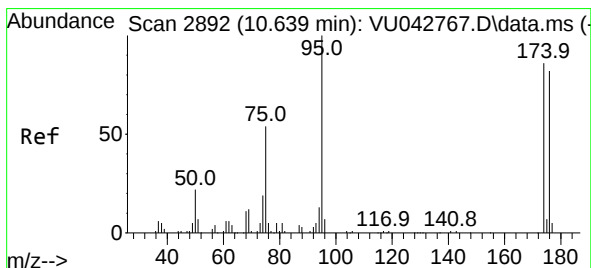
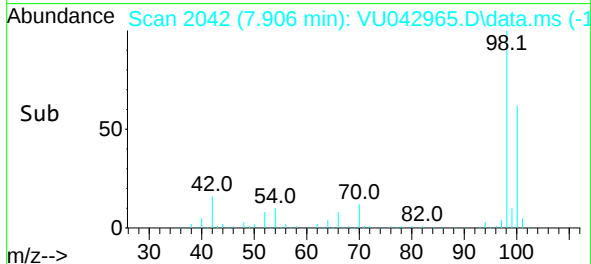
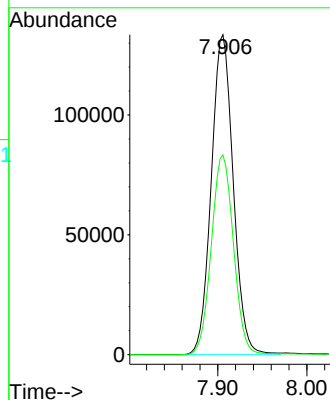
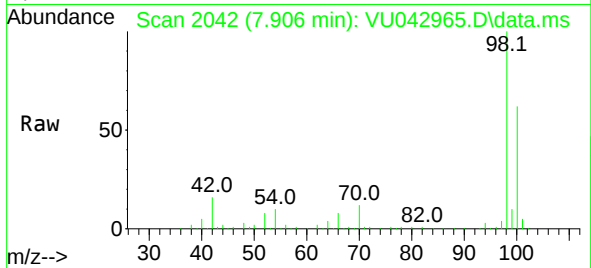




#50
Toluene-d8
Concen: 47.70 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

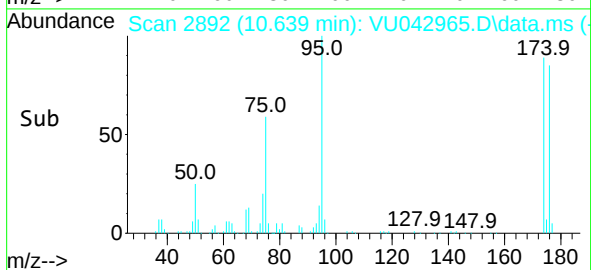
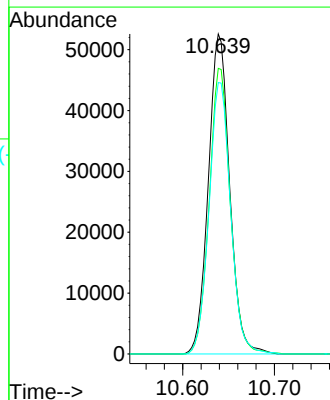
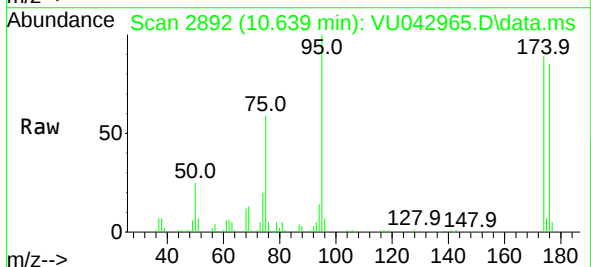
Instrument :
MSVOA_U
ClientSampled :

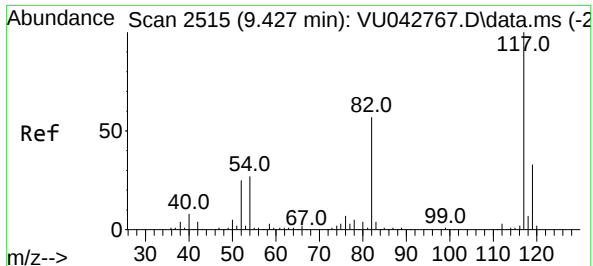
Tgt Ion: 98 Resp: 228721
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.62 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

Tgt Ion: 95 Resp: 85001
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.2
176 85.8 0.0 167.4

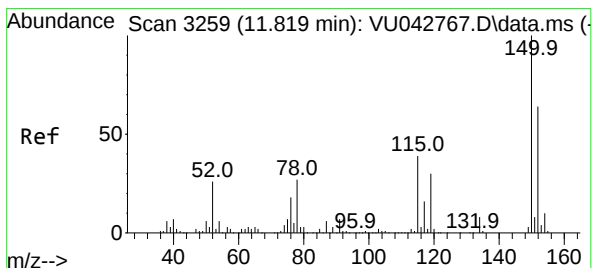
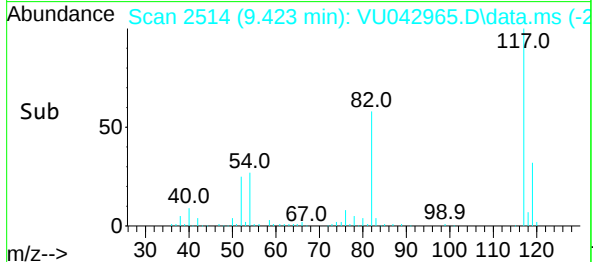
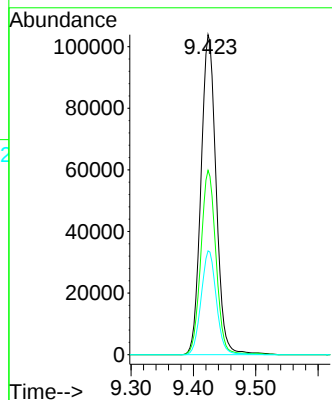
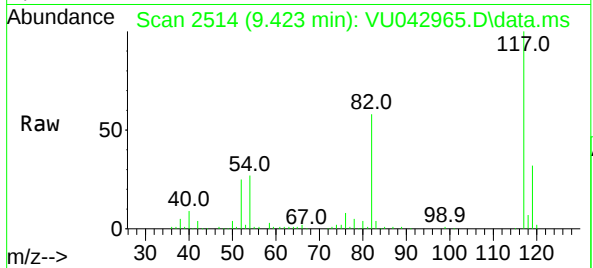




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

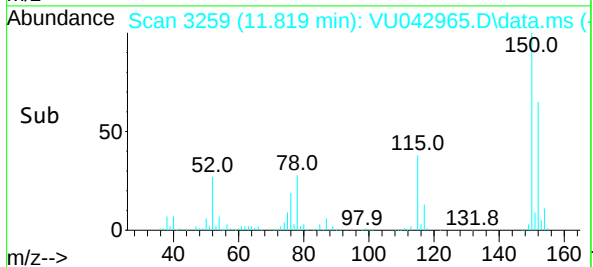
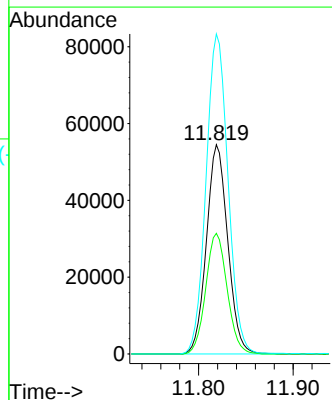
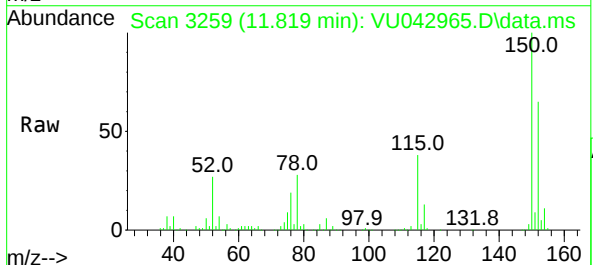
Instrument :
MSVOA_U
ClientSampleId :

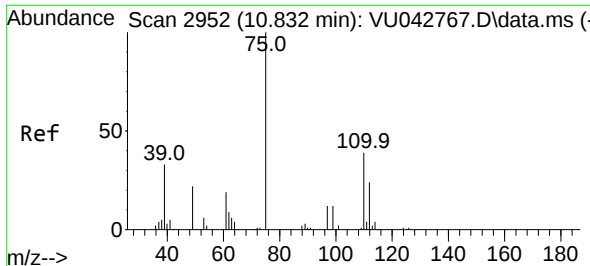
Tgt Ion:117 Resp: 175653
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

Tgt Ion:152 Resp: 85414
Ion Ratio Lower Upper
152 100
115 57.7 41.0 123.0
150 157.4 0.0 341.0

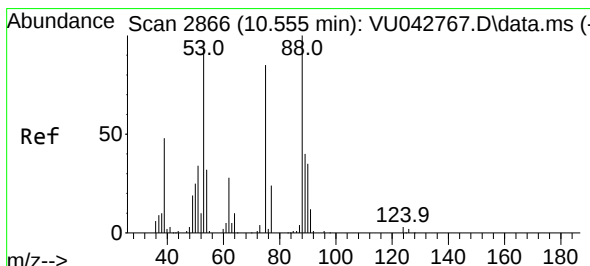
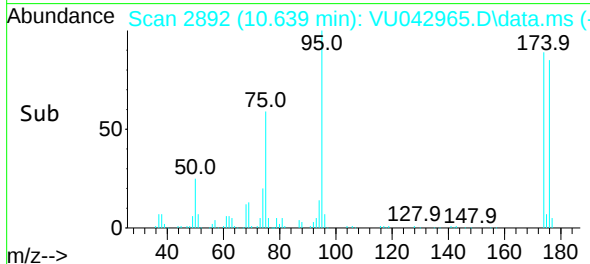
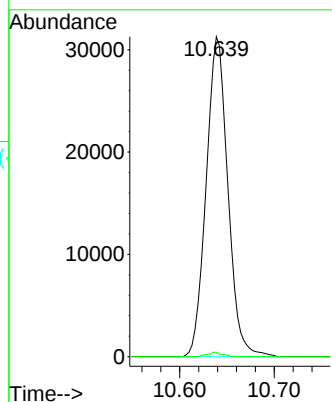
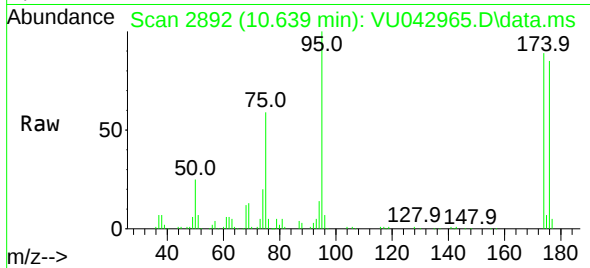




#76
1,2,3-Trichloropropane
Concen: 22.95 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

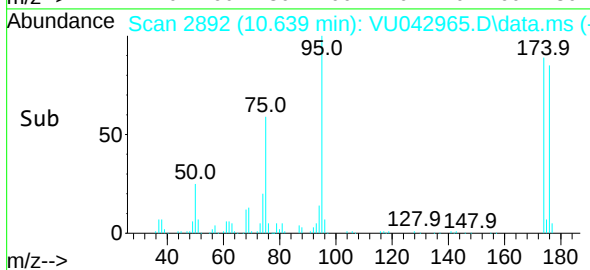
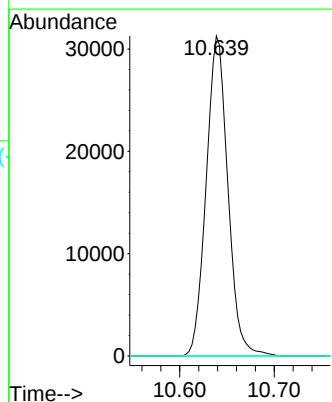
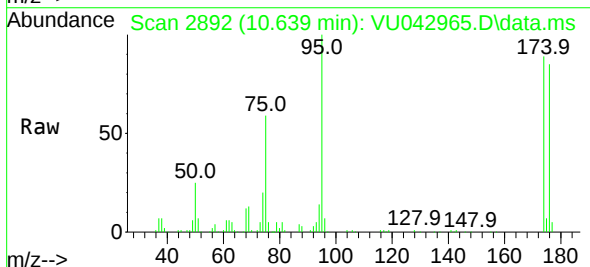
Instrument :
MSVOA_U
ClientSampled :

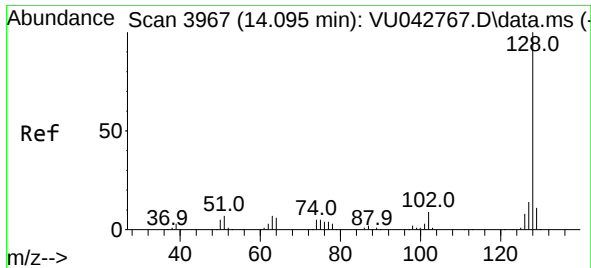
Tgt Ion: 75 Resp: 49844
Ion Ratio Lower Upper
75 100
77 0.9 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042965.D
Acq: 06 Apr 2021 19:15

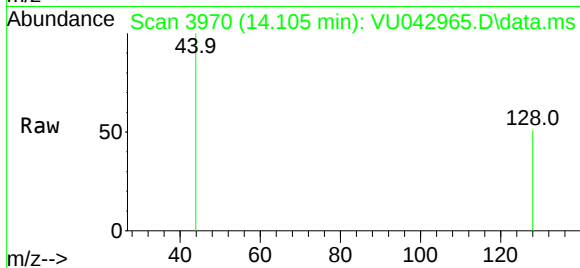
Tgt Ion: 75 Resp: 49844
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.61 ug/l
 RT: 14.105 min Scan# 3970
 Delta R.T. 0.010 min
 Lab File: VU042965.D
 Acq: 06 Apr 2021 19:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 190
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.9 16.3#
 129 0.0 8.7 13.1#

