

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042924.D
 Acq On : 05 Apr 2021 12:36
 Operator : SY/MD
 Sample : VU0405WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 01:16:39 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)

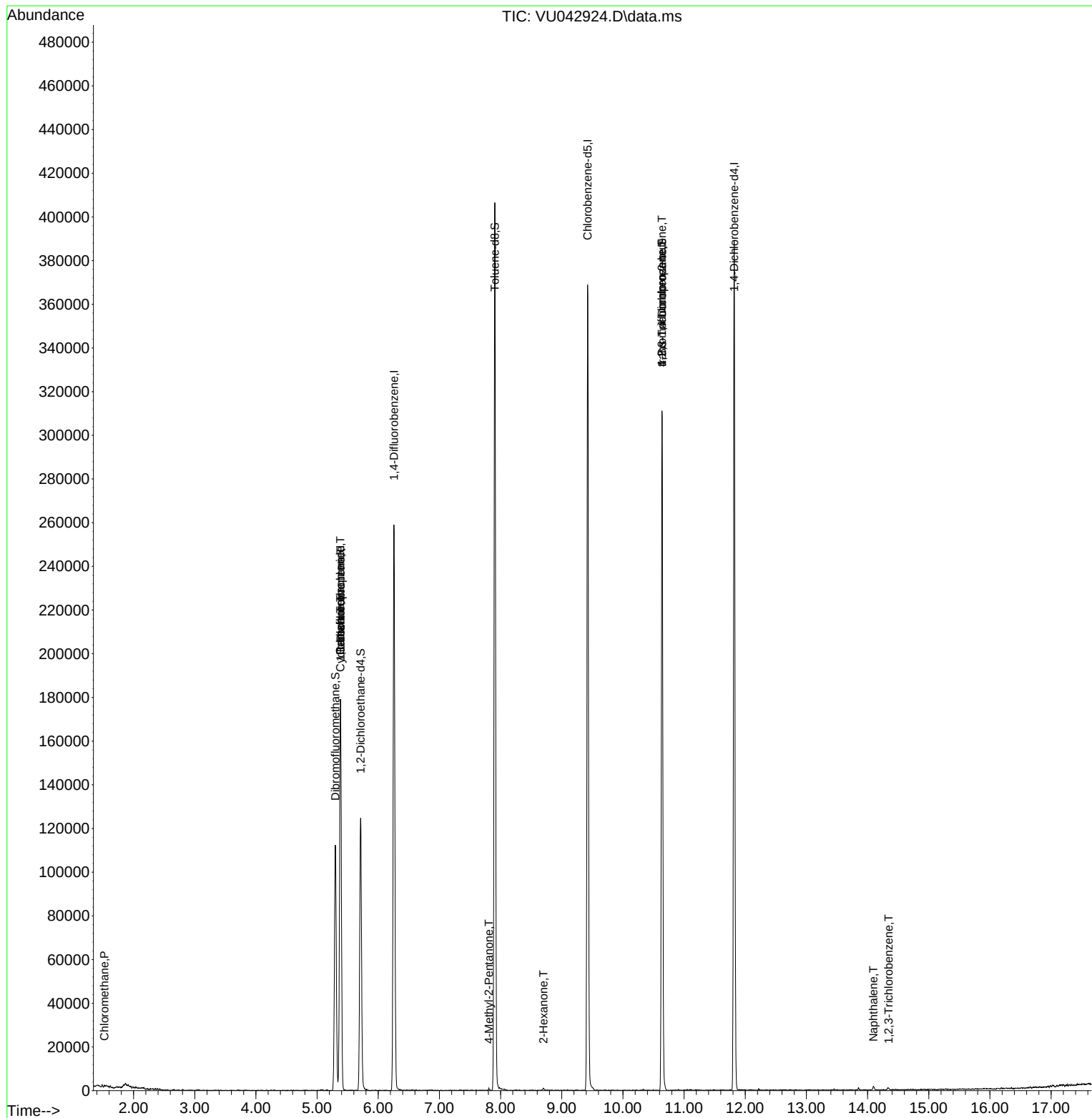
Internal Standards						
1) Pentafluorobenzene	5.382	168	124293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	196549	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	99180	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	5.298	113	69355	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	7.906	98	248123	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	10.639	95	93003	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	617	0.39	ug/l #	87
5) Bromomethane	1.867	94	274	Below Cal		86
6) Chloroethane	1.928	64	186	Below Cal	#	43
16) Acetone	2.649	43	442	Below Cal	#	48
31) Cyclohexane	5.378	56	2826	1.15	ug/l #	30
36) 1,1-Dichloropropene	5.385	75	10186	5.24	ug/l #	51
38) Carbon Tetrachloride	5.382	117	11934	5.38	ug/l #	16
51) 4-Methyl-2-Pentanone	7.809	43	786	0.25	ug/l #	40
59) 2-Hexanone	8.700	43	1093	0.43	ug/l	66
76) 1,2,3-Trichloropropane	10.639	75	52704	21.76	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	52704	64.46	ug/l #	6
95) Naphthalene	14.095	128	1963	2.86	ug/l #	83
96) 1,2,3-Trichlorobenzene	14.343	180	547	0.28	ug/l #	51

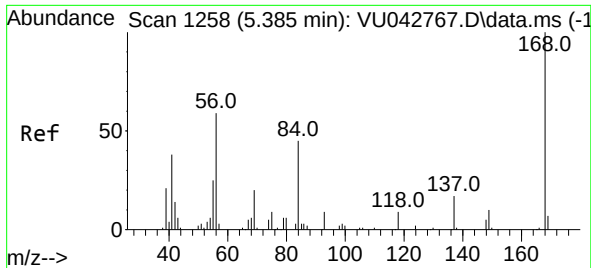
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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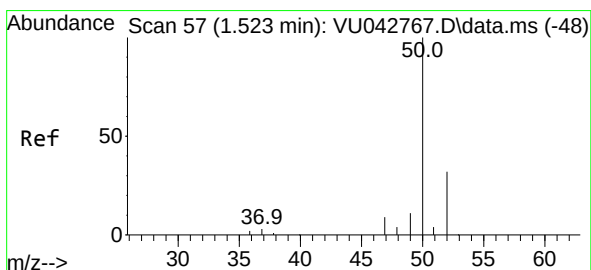
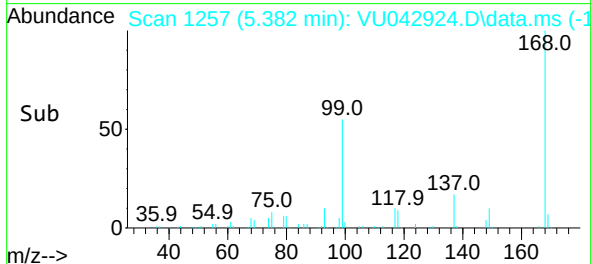
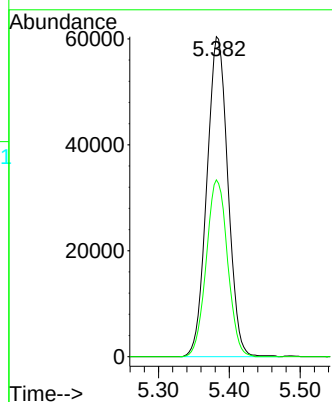
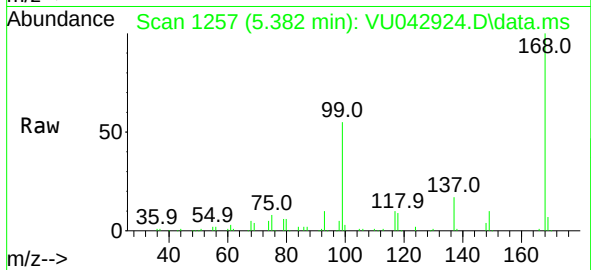




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

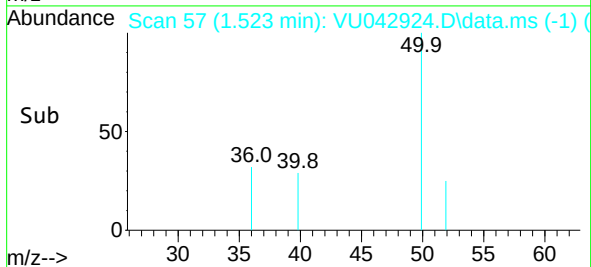
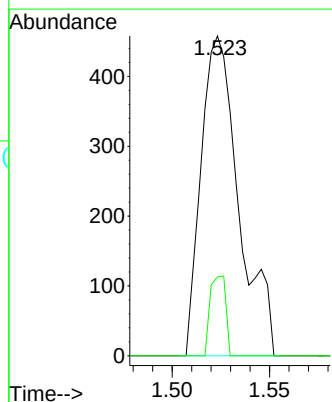
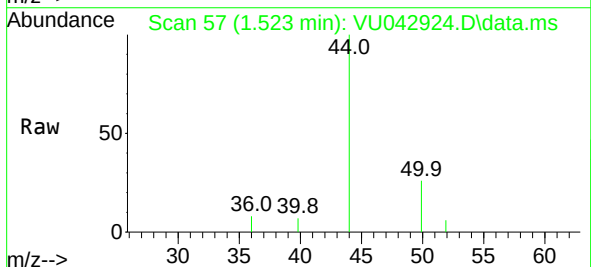
Instrument :
MSVOA_U
ClientSampleId :

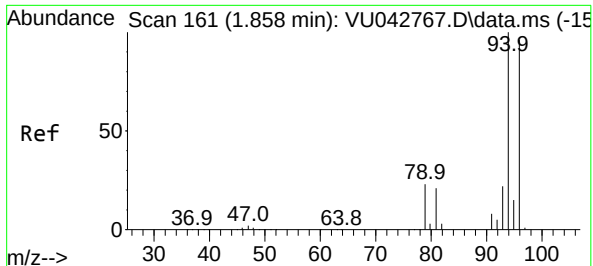
Tgt Ion:168 Resp: 124293
Ion Ratio Lower Upper
168 100
99 55.3 46.4 69.6



#3
Chloromethane
Concen: 0.39 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 24.7 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.867 min Scan# 164

Delta R.T. 0.009 min

Lab File: VU042924.D

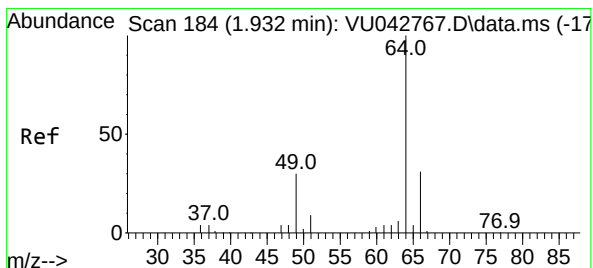
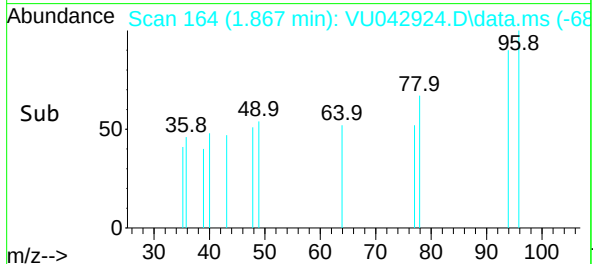
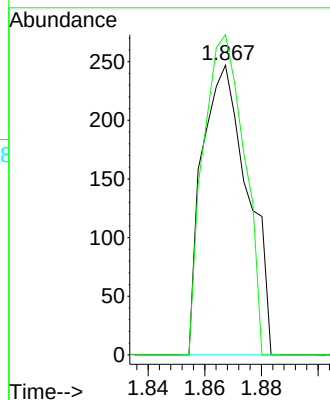
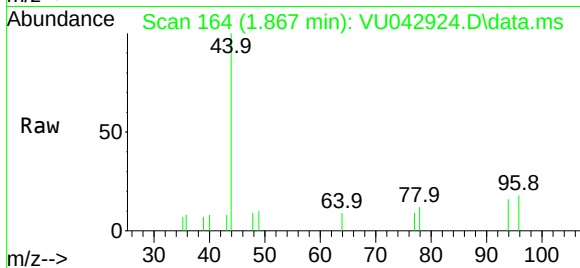
Acq: 05 Apr 2021 12:36

Tgt Ion: 94 Resp: 274

Ion Ratio Lower Upper

94 100

96 110.5 77.1 115.7



#6

Chloroethane

Concen: Below Cal

RT: 1.928 min Scan# 183

Delta R.T. -0.004 min

Lab File: VU042924.D

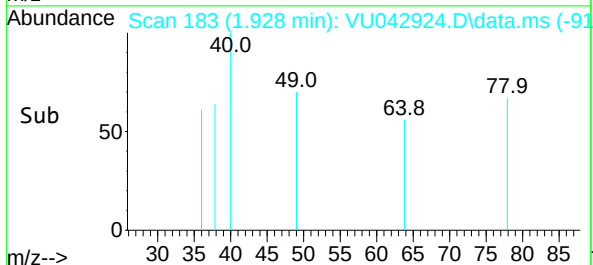
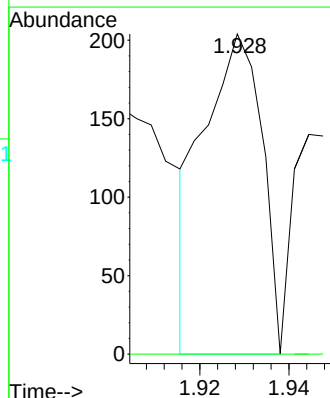
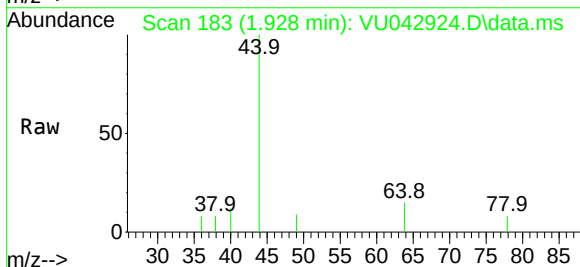
Acq: 05 Apr 2021 12:36

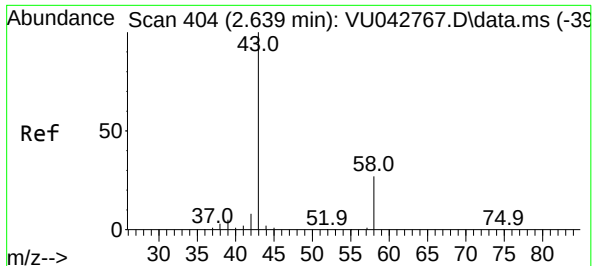
Tgt Ion: 64 Resp: 186

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#

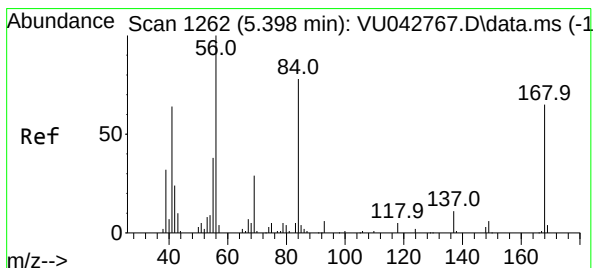
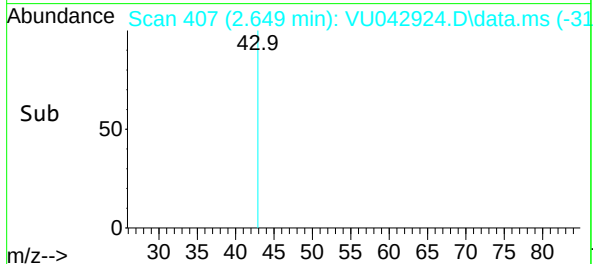
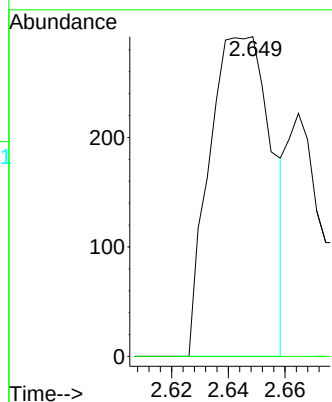
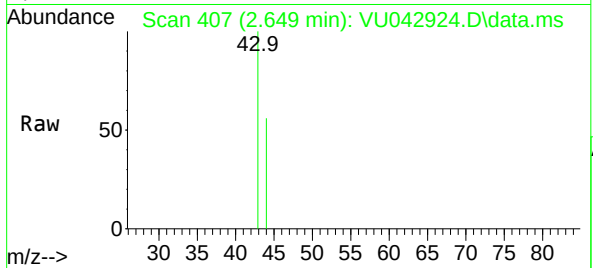




#16
Acetone
Concen: Below Cal
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

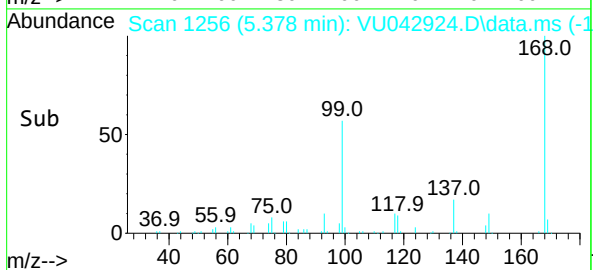
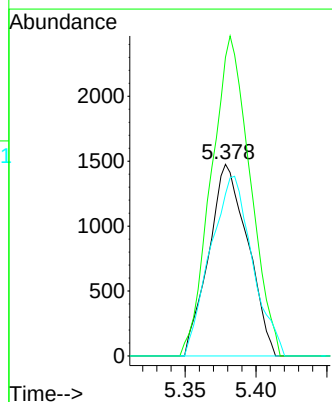
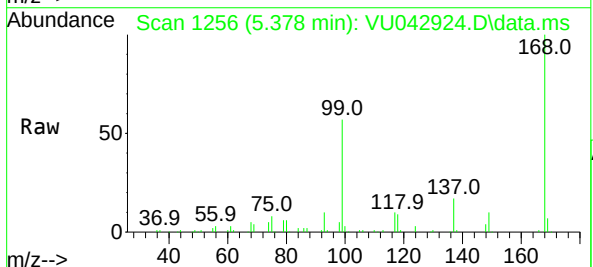
Instrument :
MSVOA_U
ClientSampled :

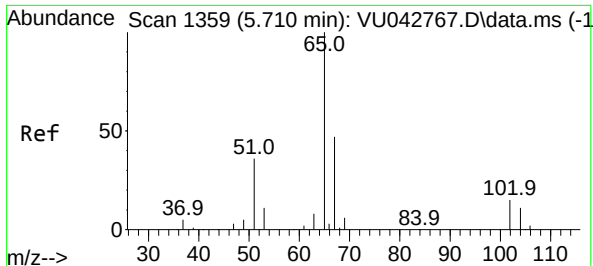
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.020 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 155.8 23.3 34.9#
84 84.4 62.2 93.4





#33

1,2-Dichloroethane-d4

Concen: 50.06 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042924.D

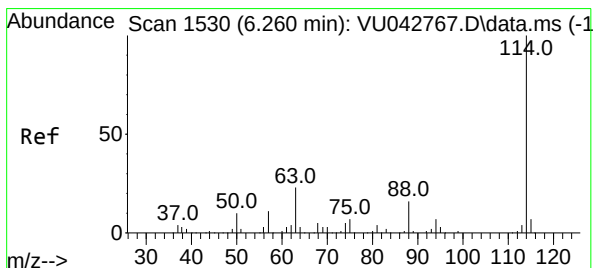
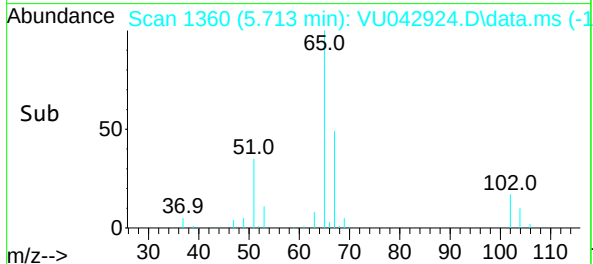
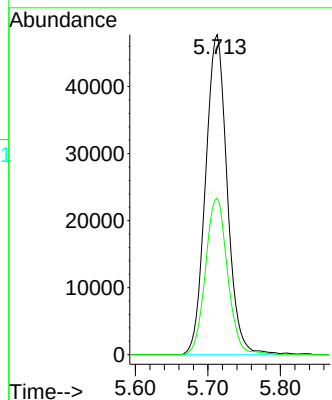
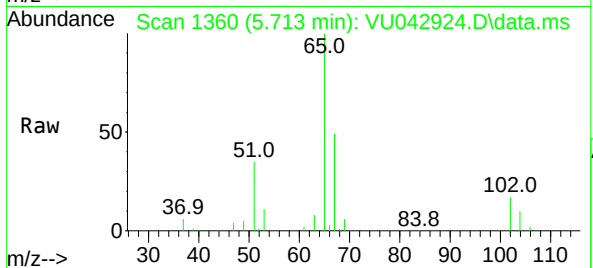
Acq: 05 Apr 2021 12:36

Tgt Ion: 65 Resp: 99180

Ion Ratio Lower Upper

65 100

67 49.8 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: VU042924.D

Acq: 05 Apr 2021 12:36

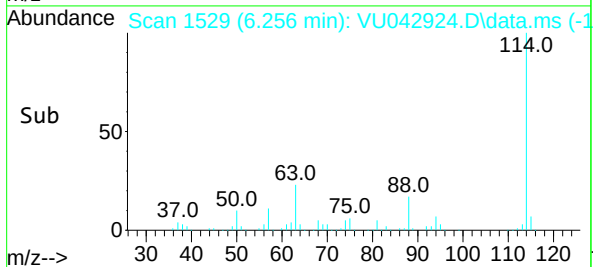
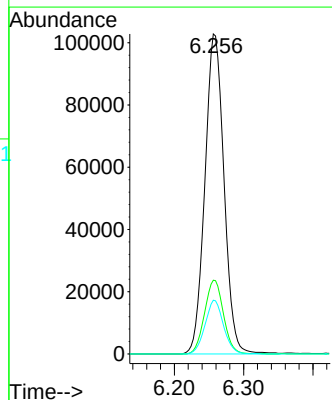
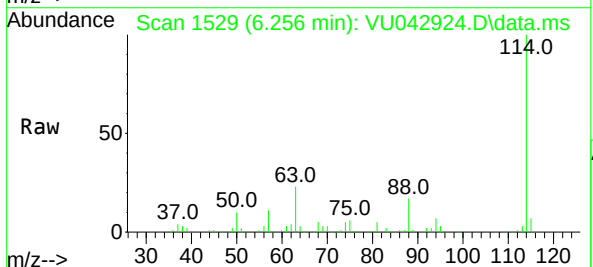
Tgt Ion: 114 Resp: 196549

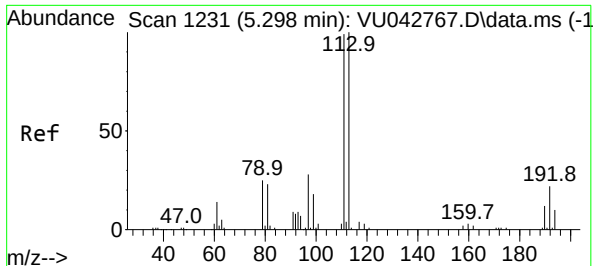
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.8

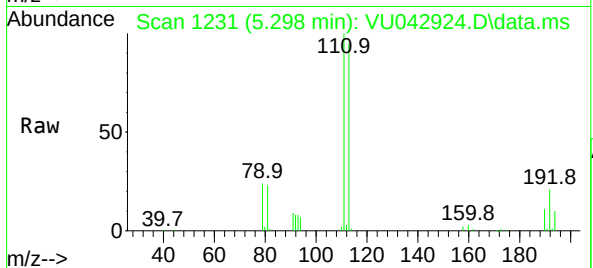
88 16.8 0.0 32.2



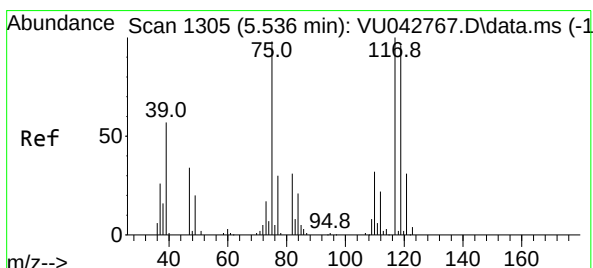
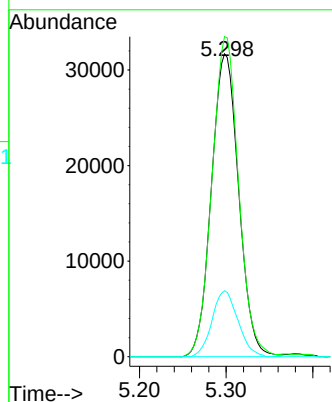
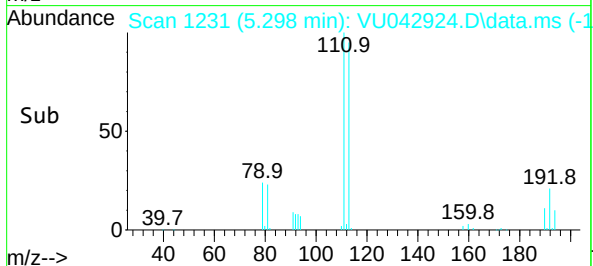


#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

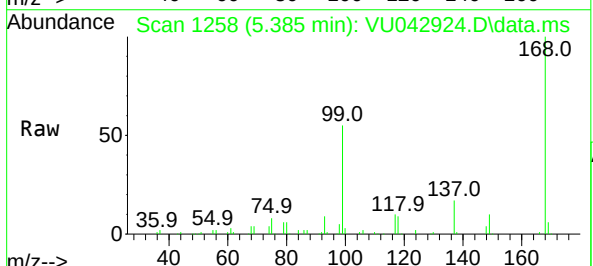
Instrument :
MSVOA_U
ClientSampleId :



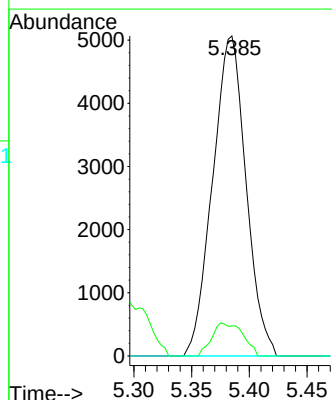
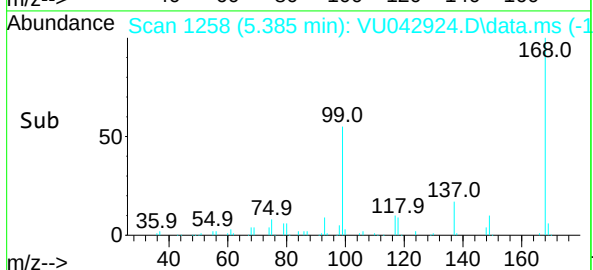
Tgt Ion:113 Resp: 69355
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 20.7 17.6 26.4

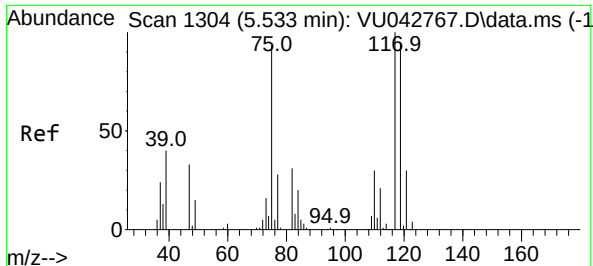


#36
1,1-Dichloropropene
Concen: 5.24 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.151 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36



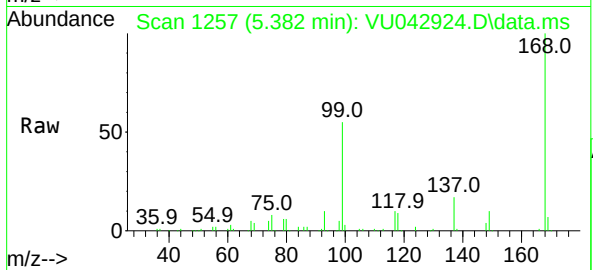
Tgt Ion: 75 Resp: 10186
Ion Ratio Lower Upper
75 100
110 9.6 16.6 49.7#
77 0.0 24.7 37.1#



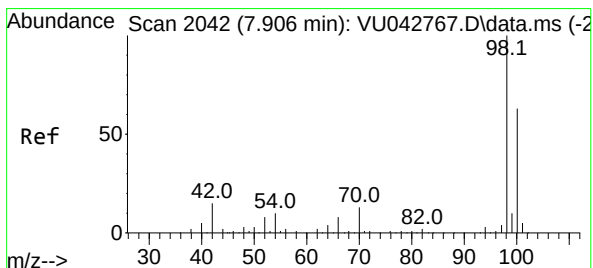
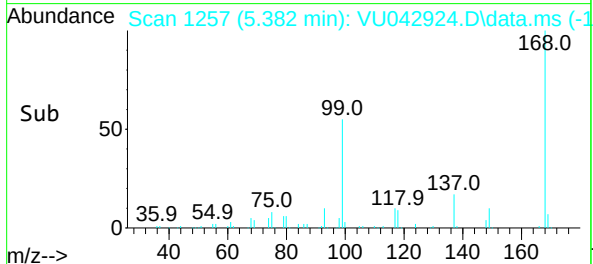
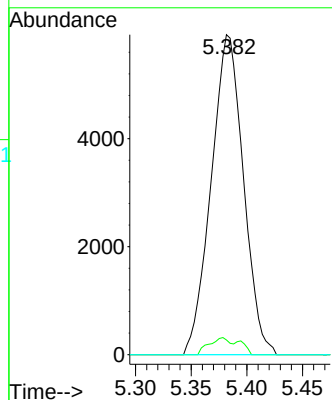


#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

Instrument :
MSVOA_U
ClientSampleId :

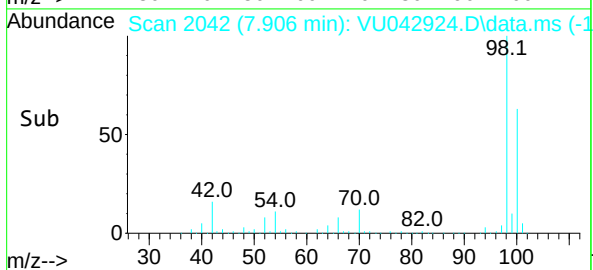
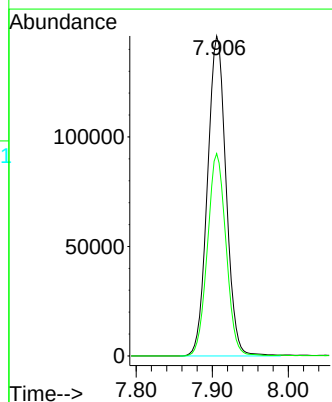
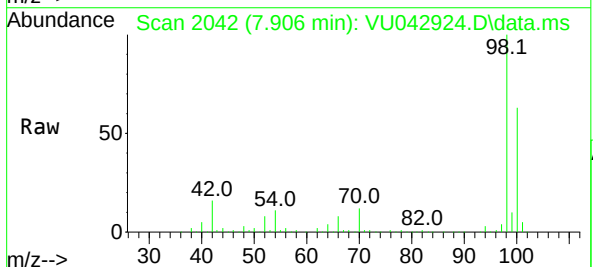


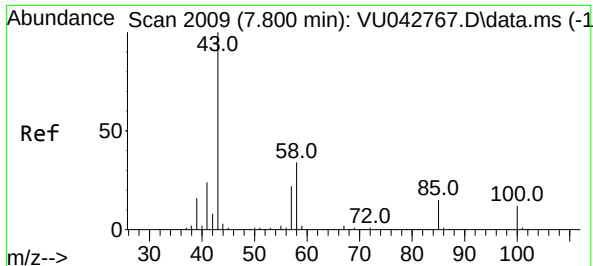
Tgt Ion: 117 Resp: 11934
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.08 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

Tgt Ion: 98 Resp: 248123
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6

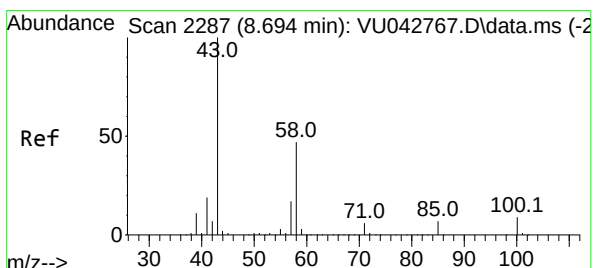
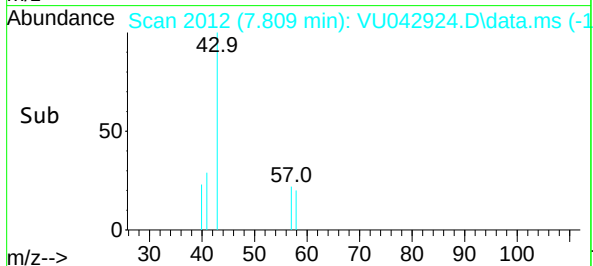
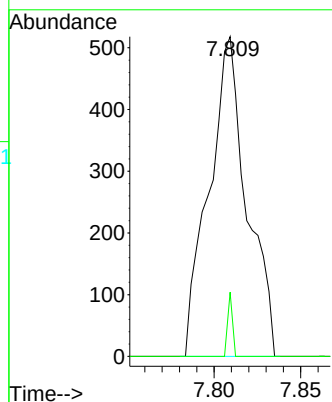
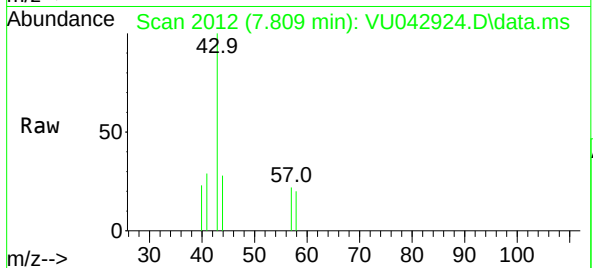




#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. 0.009 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

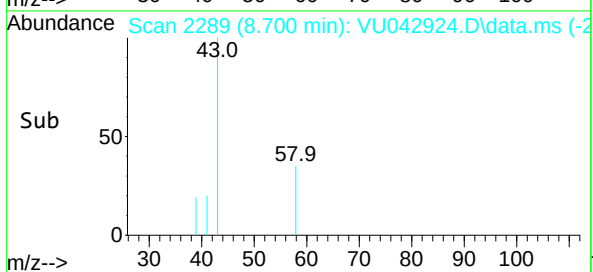
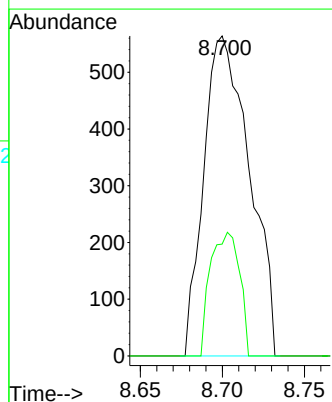
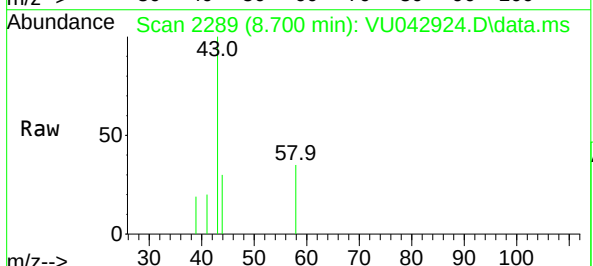
Instrument :
MSVOA_U
ClientSampleId :

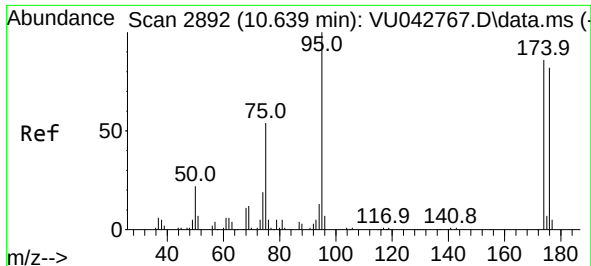
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.2#



#59
2-Hexanone
Concen: 0.43 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 24.5 23.8 71.2

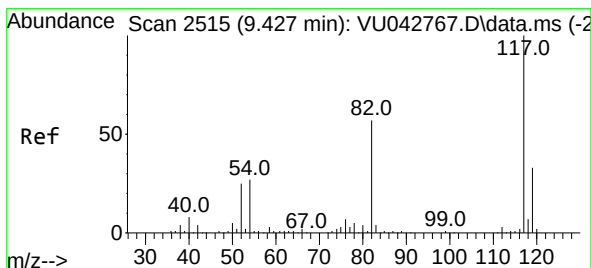
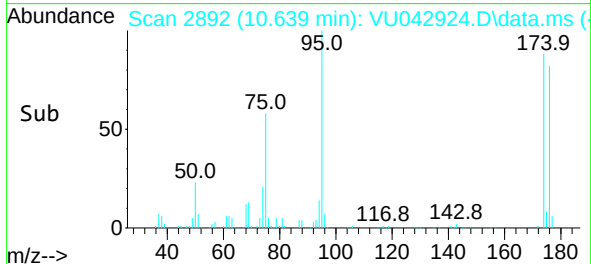
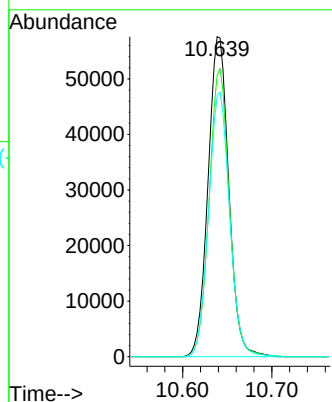
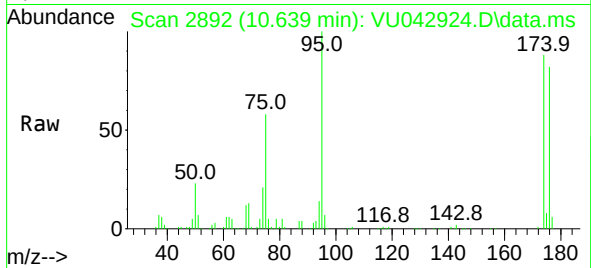




#62
4-Bromofluorobenzene
Concen: 46.38 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

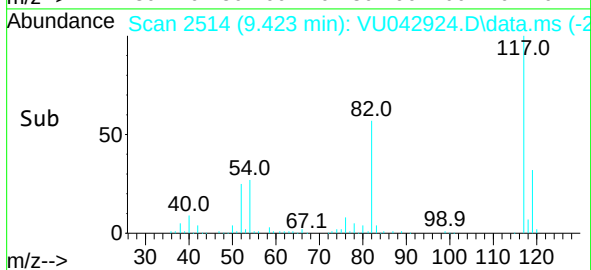
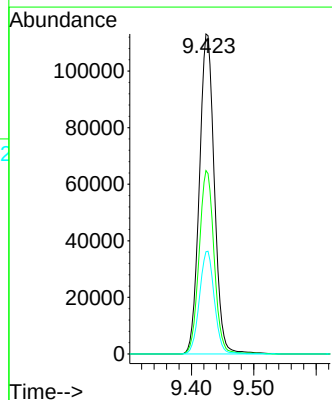
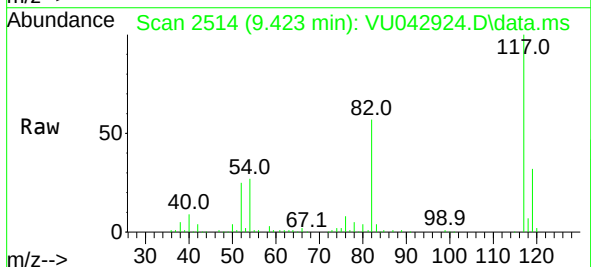
Instrument :
MSVOA_U
ClientSampleId :

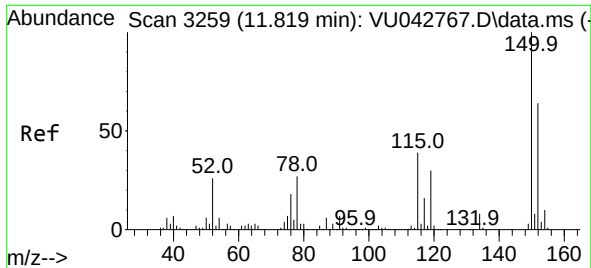
Tgt Ion: 95 Resp: 93003
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.2
176 83.7 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

Tgt Ion: 117 Resp: 188985
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 32.0 26.2 39.4

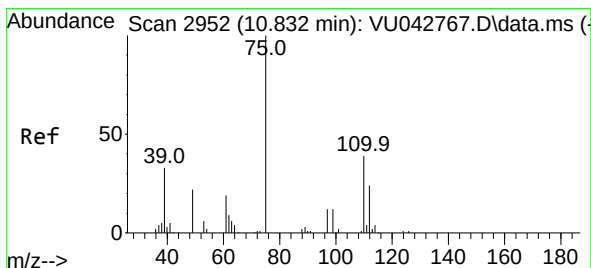
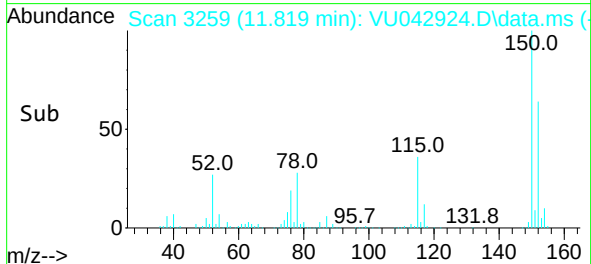
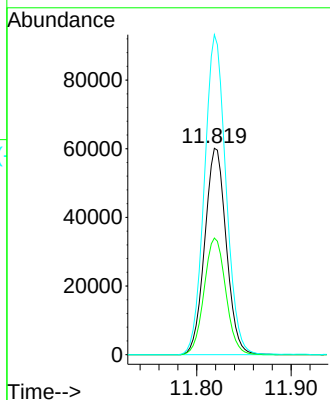
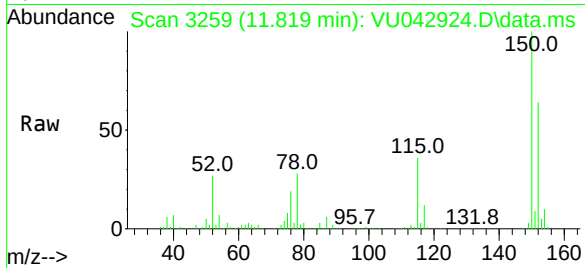




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042924.D
 Acq: 05 Apr 2021 12:36

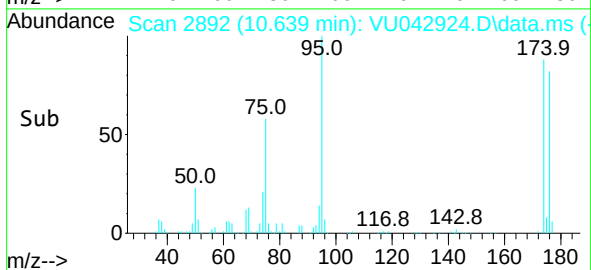
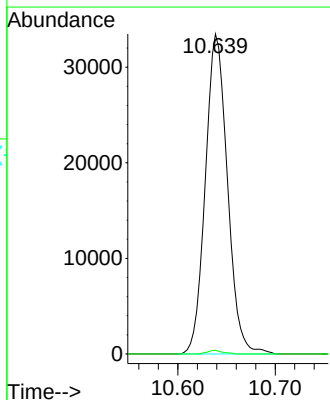
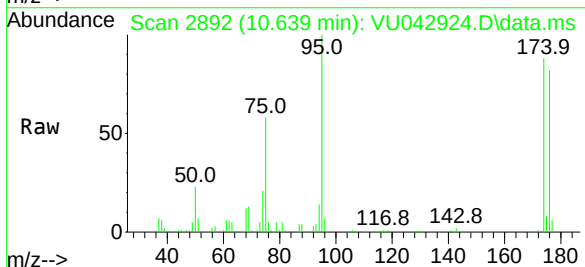
Instrument :
 MSVOA_U
 ClientSampled :

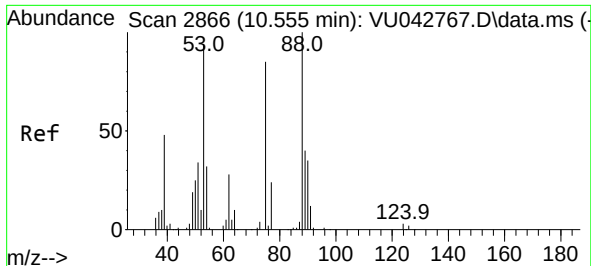
Tgt Ion:152 Resp: 95248
 Ion Ratio Lower Upper
 152 100
 115 56.8 41.0 123.0
 150 155.0 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 21.76 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042924.D
 Acq: 05 Apr 2021 12:36

Tgt Ion: 75 Resp: 52704
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.6 58.8#

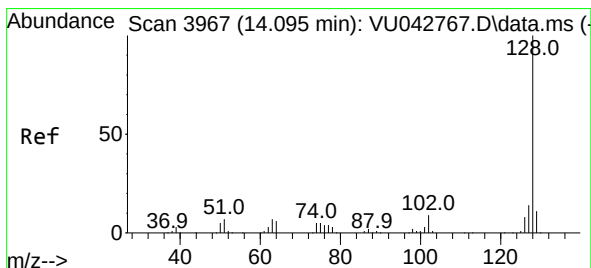
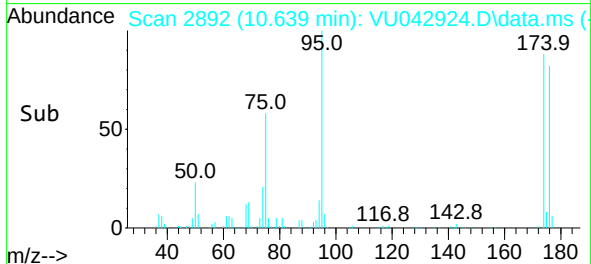
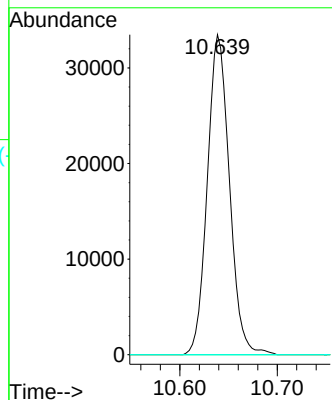
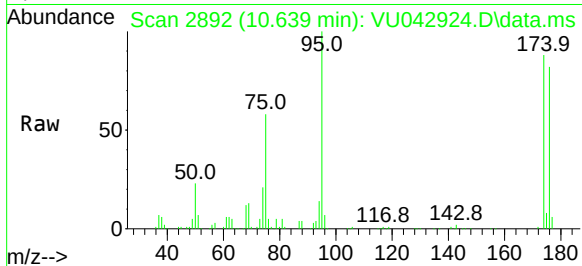




#81
trans-1,4-Dichloro-2-butene
Concen: 64.46 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

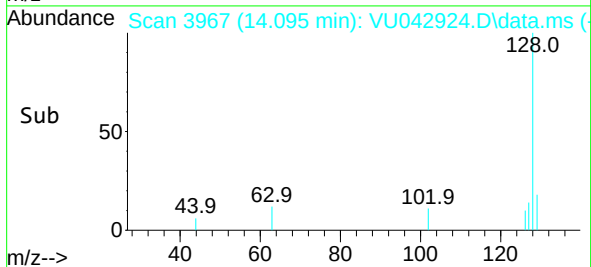
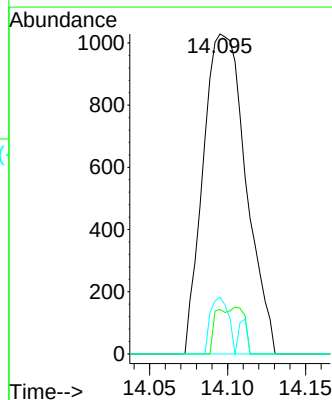
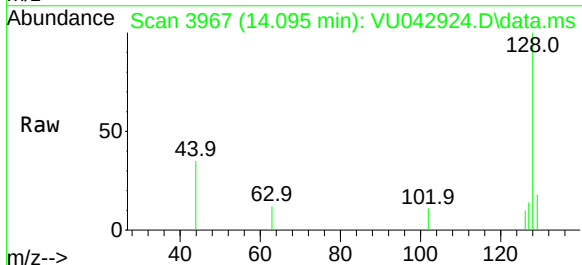
Instrument :
MSVOA_U
ClientSampleId :

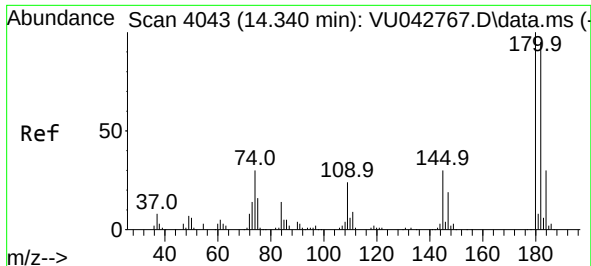
Tgt Ion: 75 Resp: 52704
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.86 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042924.D
Acq: 05 Apr 2021 12:36

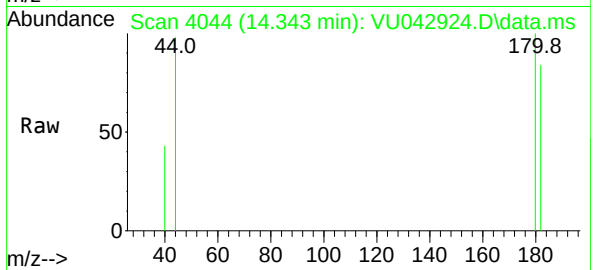
Tgt Ion:128 Resp: 1963
Ion Ratio Lower Upper
128 100
127 4.1 10.9 16.3#
129 7.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.28 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.003 min
 Lab File: VU042924.D
 Acq: 05 Apr 2021 12:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 547
 Ion Ratio Lower Upper
 180 100
 182 49.4 47.5 142.6
 145 0.0 15.0 45.0#

