

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042966.D
 Acq On : 06 Apr 2021 19:38
 Operator : SY/MD
 Sample : M1951-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:46:24 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)

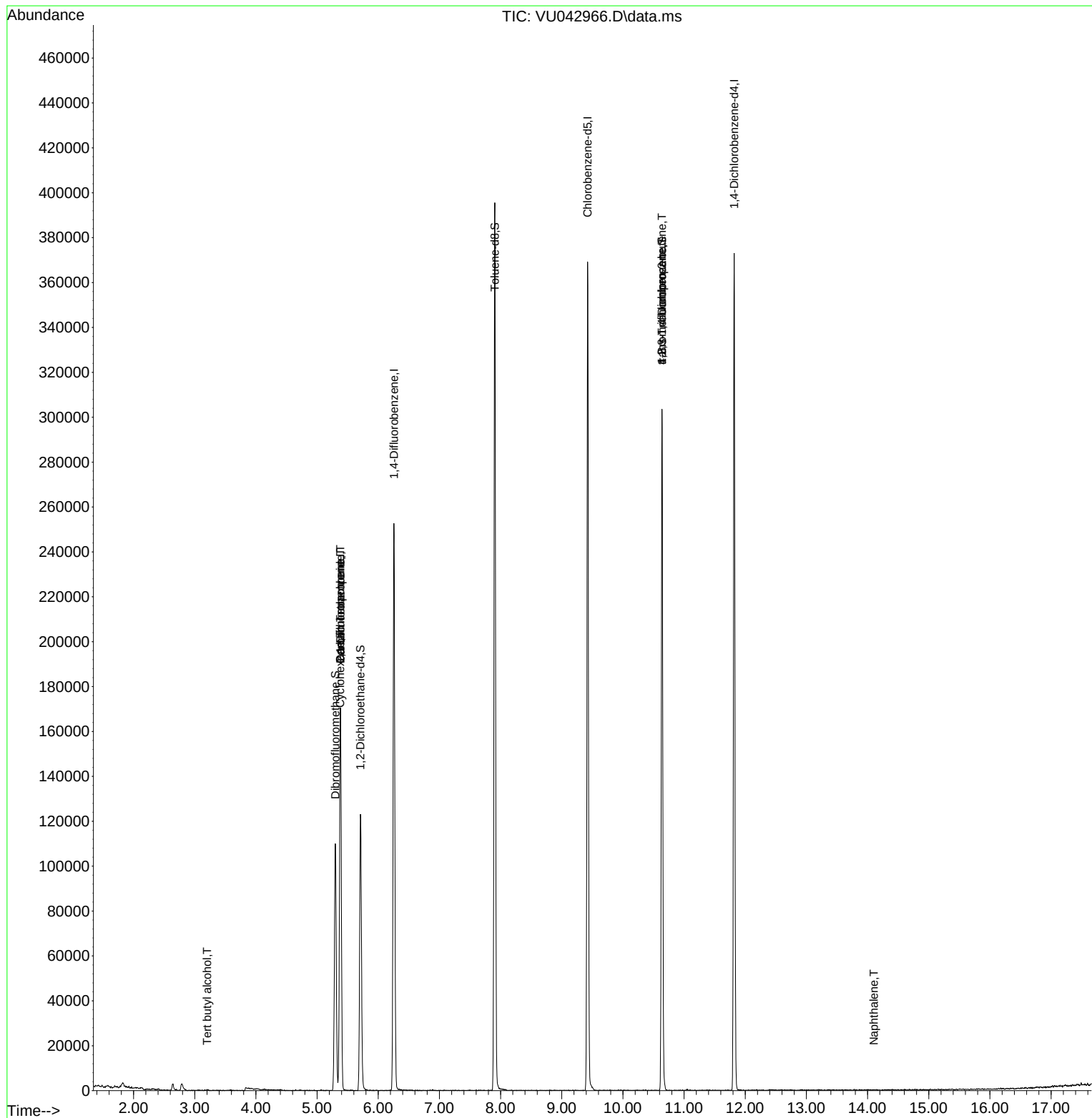
Internal Standards						
1) Pentafluorobenzene	5.382	168	116702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	193184	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	186870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96711	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	5.298	113	66935	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	7.906	98	244106	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.639	95	90070	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.202	59	523	1.31	ug/l #	74
16) Acetone	2.639	43	3723	Below Cal	#	86
31) Cyclohexane	5.375	56	2928	1.26	ug/l #	27
36) 1,1-Dichloropropene	5.382	75	9812	5.14	ug/l #	51
38) Carbon Tetrachloride	5.382	117	11614	5.32	ug/l #	15
76) 1,2,3-Trichloropropane	10.639	75	50649	22.34	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	50649	66.19	ug/l #	6
95) Naphthalene	14.105	128	91	2.59	ug/l #	68

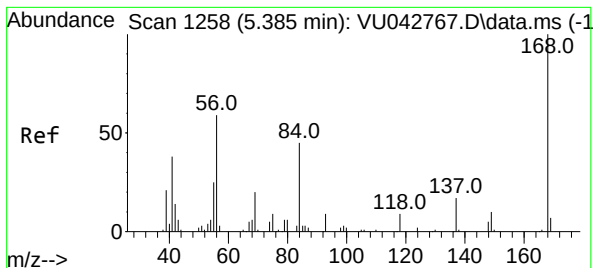
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

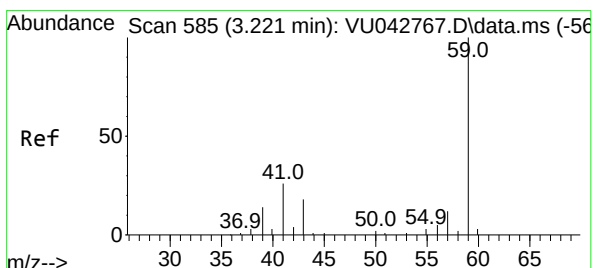
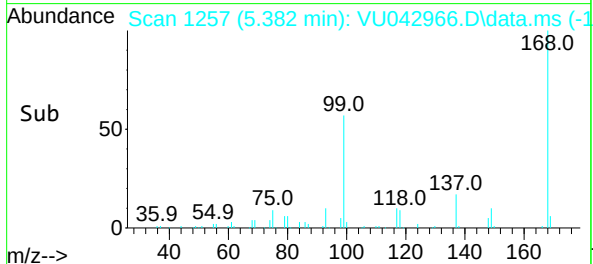
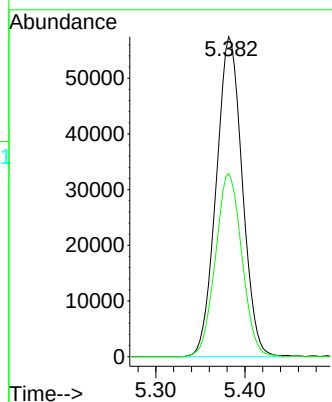
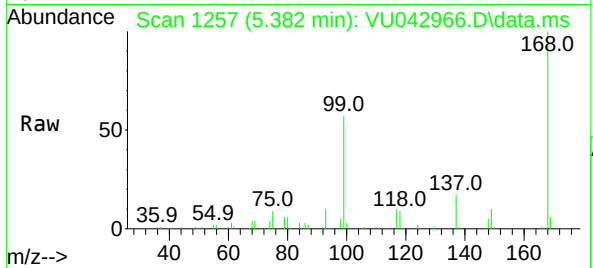




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

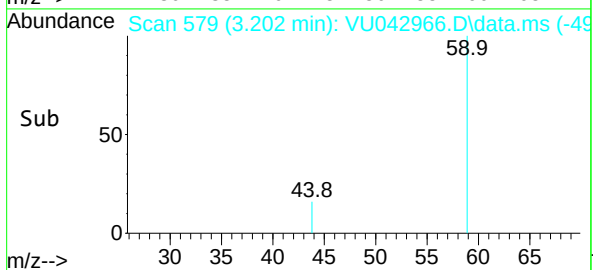
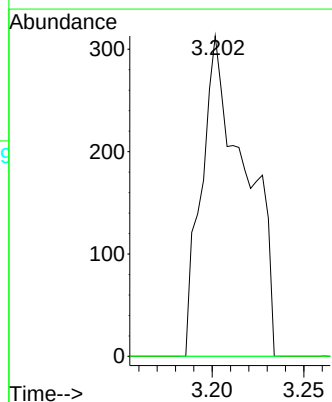
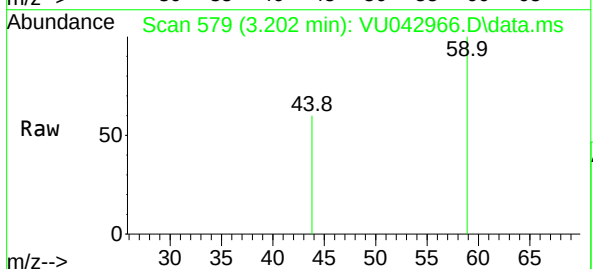
Instrument :
MSVOA_U
ClientSampled :

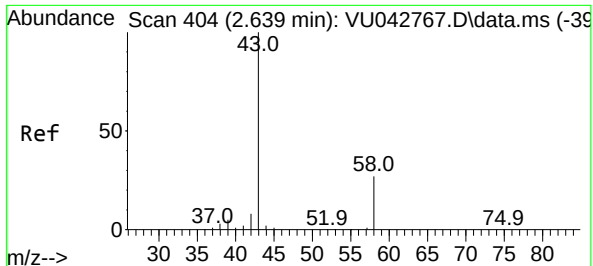
Tgt Ion:168 Resp: 116702
Ion Ratio Lower Upper
168 100
99 57.2 46.4 69.6



#11
Tert butyl alcohol
Concen: 1.31 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.019 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

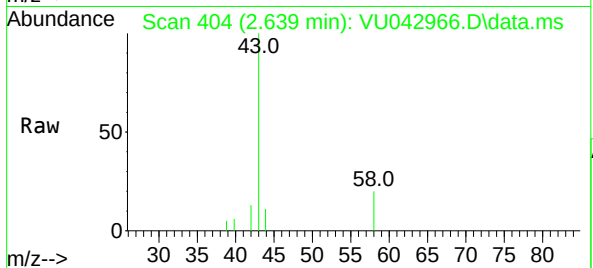
Tgt Ion: 59 Resp: 523
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



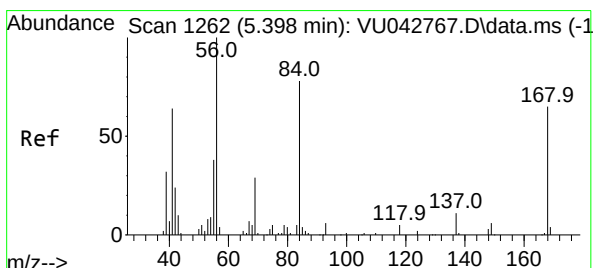
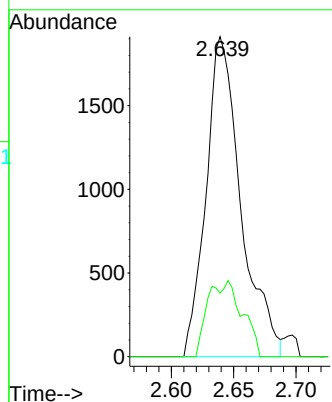
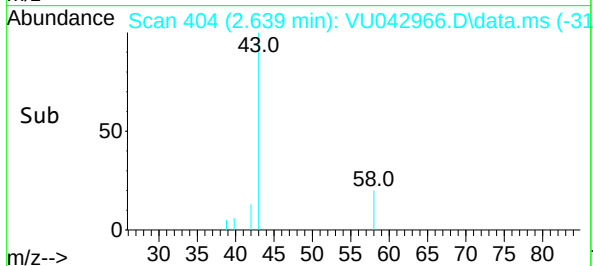


#16
Acetone
Concen: Below Cal
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

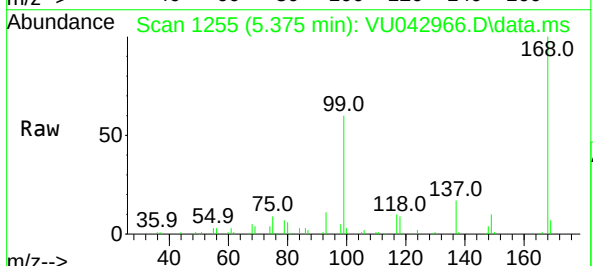
Instrument :
MSVOA_U
ClientSampled :



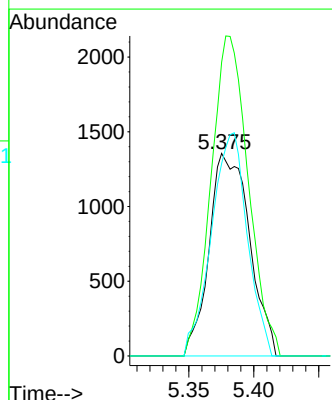
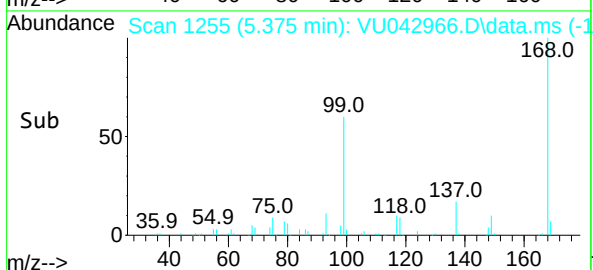
Tgt Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
58 19.9 21.6 32.4#

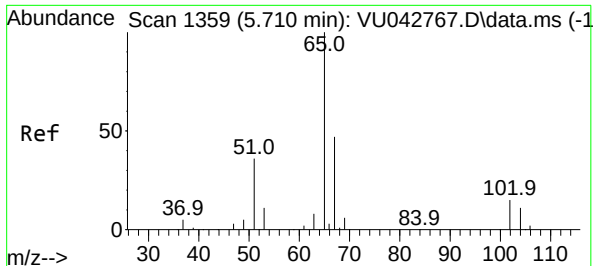


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.023 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38



Tgt Ion: 56 Resp: 2928
Ion Ratio Lower Upper
56 100
69 145.1 23.3 34.9#
84 95.1 62.2 93.4#





#33

1,2-Dichloroethane-d4

Concen: 51.98 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU042966.D

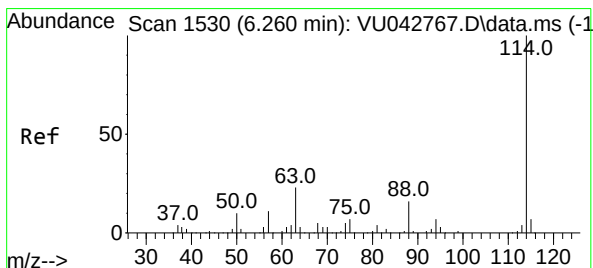
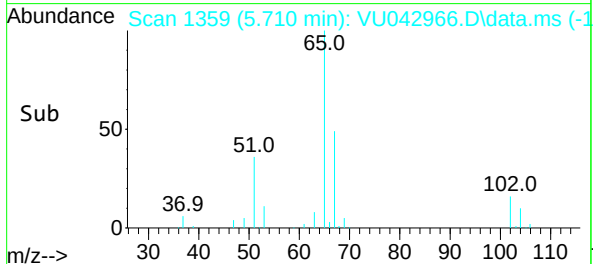
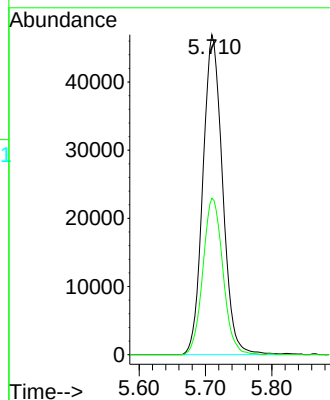
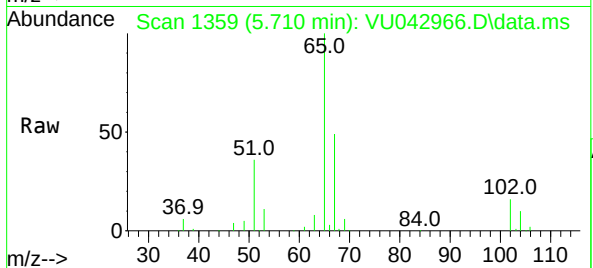
Acq: 06 Apr 2021 19:38

Tgt Ion: 65 Resp: 96711

Ion Ratio Lower Upper

65 100

67 49.7 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: VU042966.D

Acq: 06 Apr 2021 19:38

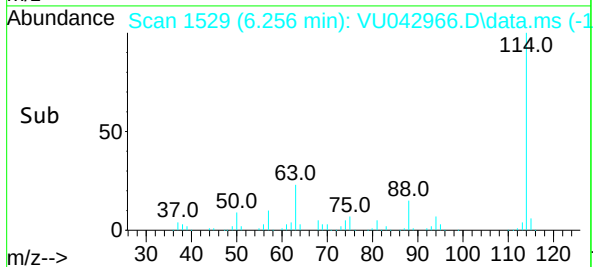
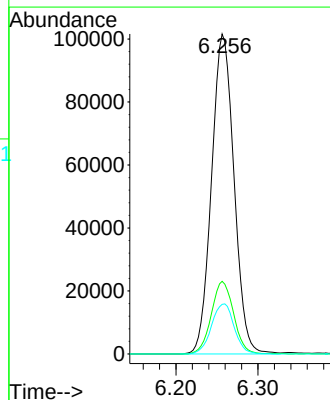
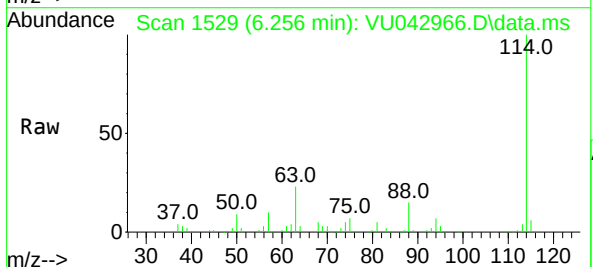
Tgt Ion: 114 Resp: 193184

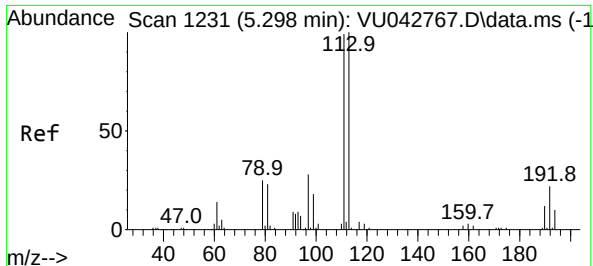
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.8

88 15.5 0.0 32.2

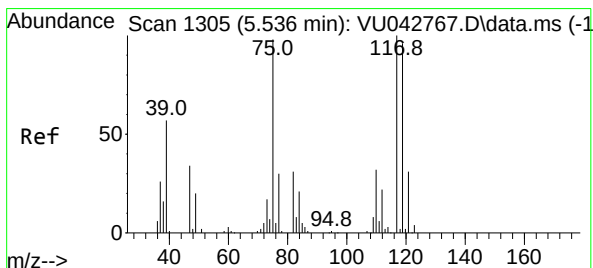
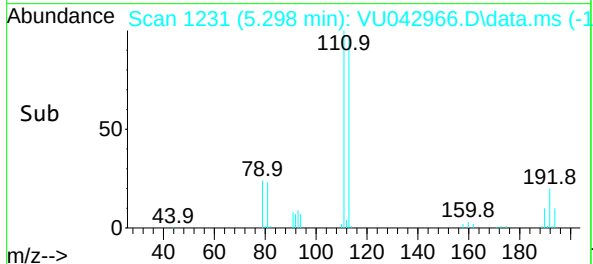
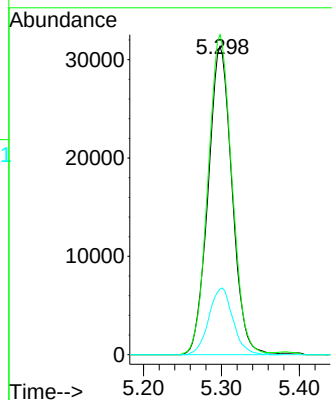
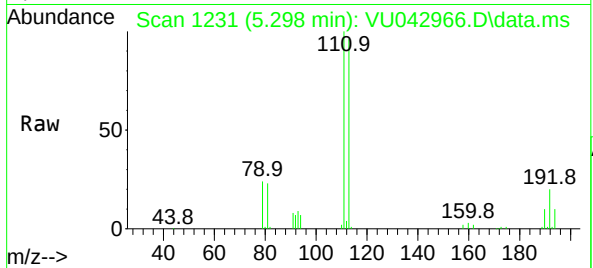




#35
Dibromofluoromethane
Concen: 46.43 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

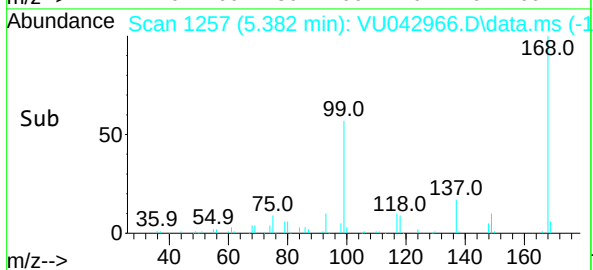
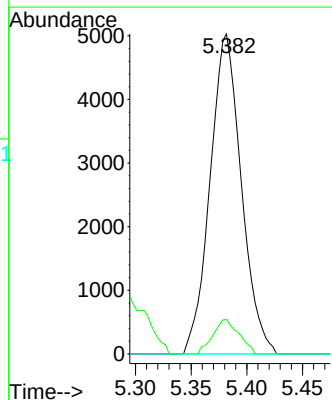
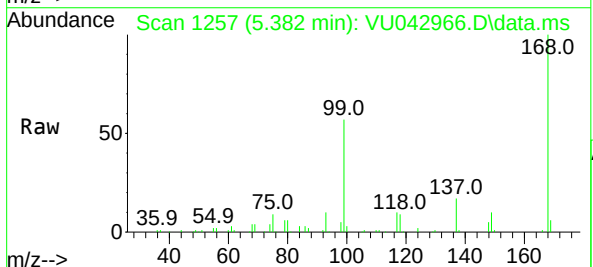
Instrument :
MSVOA_U
ClientSampleId :

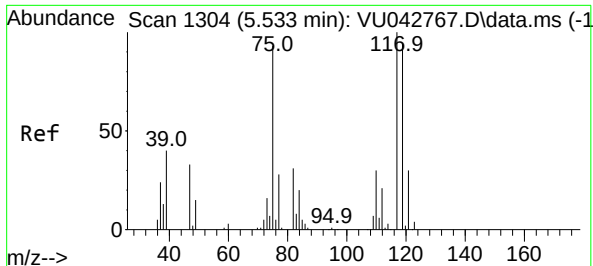
Tgt Ion:113 Resp: 66935
Ion Ratio Lower Upper
113 100
111 104.5 82.1 123.1
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

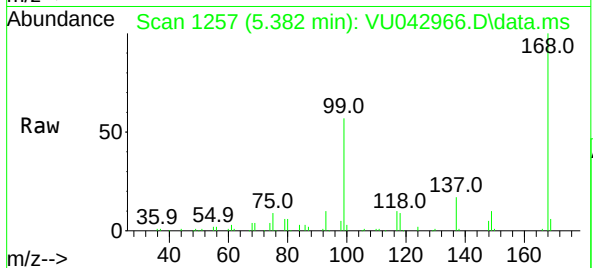
Tgt Ion: 75 Resp: 9812
Ion Ratio Lower Upper
75 100
110 9.0 16.6 49.7#
77 0.0 24.7 37.1#



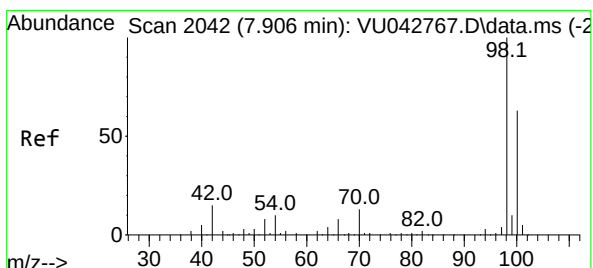
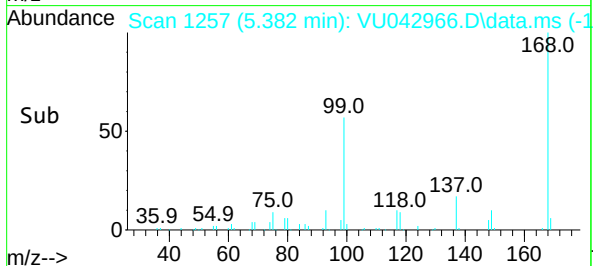
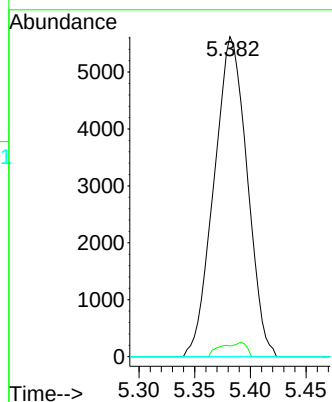


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

Instrument :
MSVOA_U
ClientSampleId :

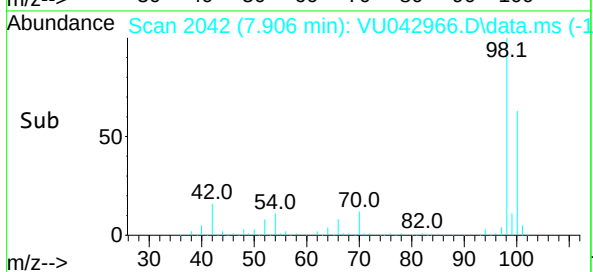
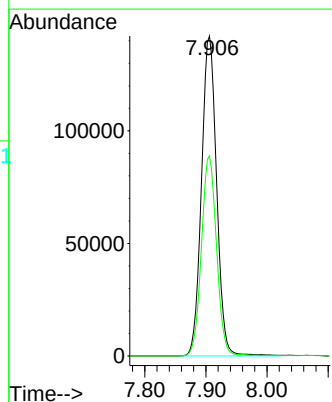
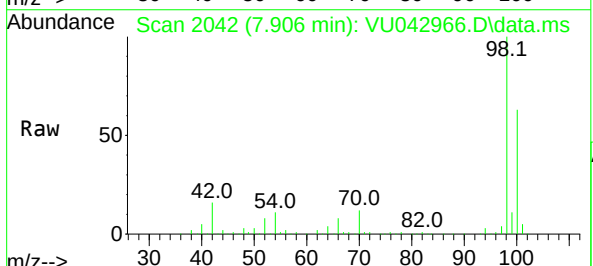


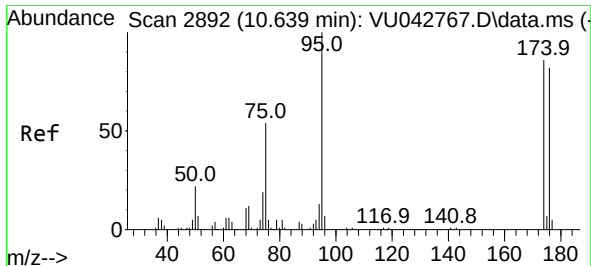
Tgt Ion:117 Resp: 11614
Ion Ratio Lower Upper
117 100
119 3.4 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.13 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

Tgt Ion: 98 Resp: 244106
Ion Ratio Lower Upper
98 100
100 62.1 50.4 75.6

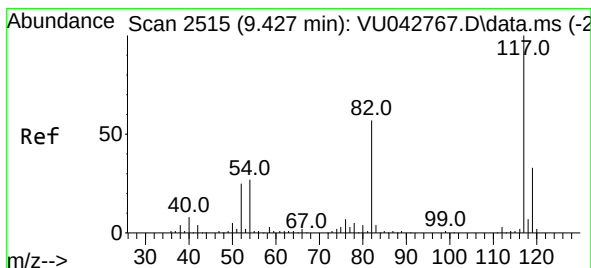
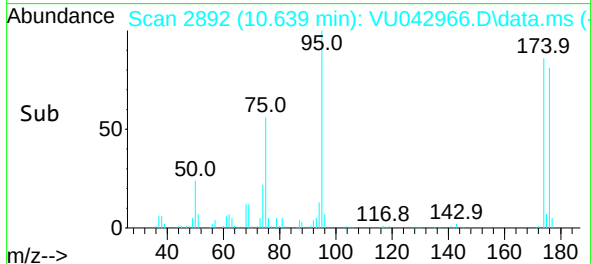
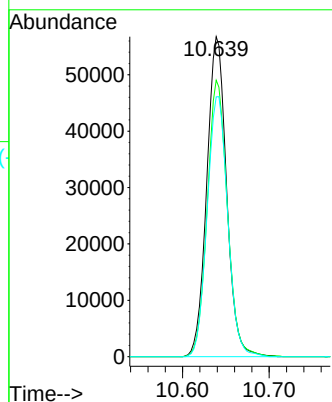
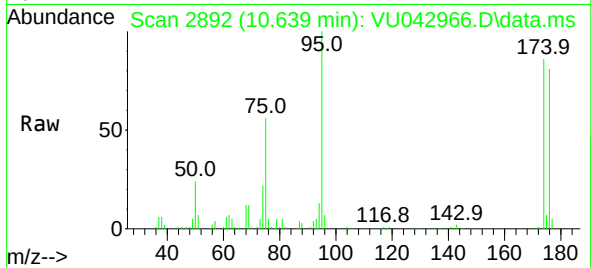




#62
4-Bromofluorobenzene
Concen: 45.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

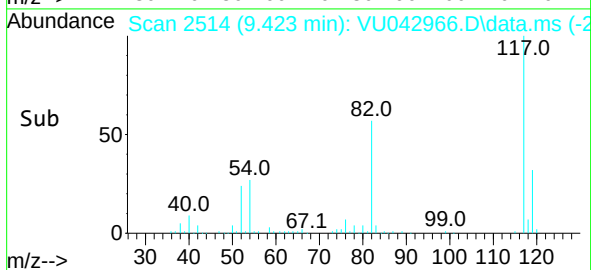
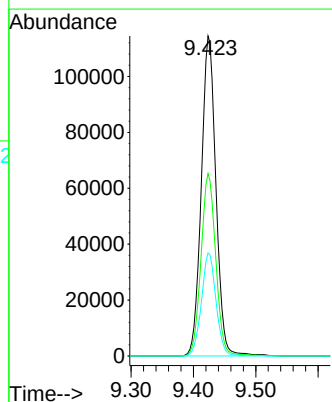
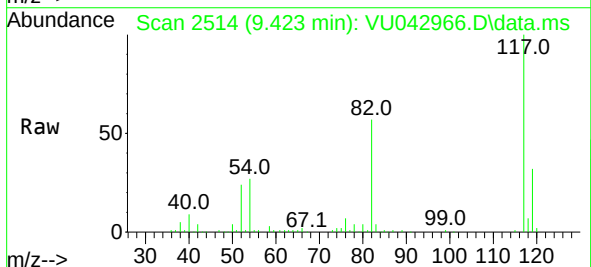
Instrument :
MSVOA_U
ClientSampleId :

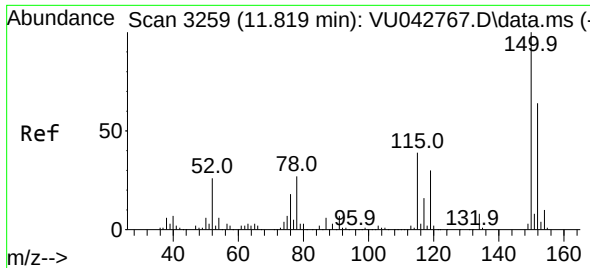
Tgt Ion: 95 Resp: 90070
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.2
176 84.4 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

Tgt Ion: 117 Resp: 186870
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 32.2 26.2 39.4

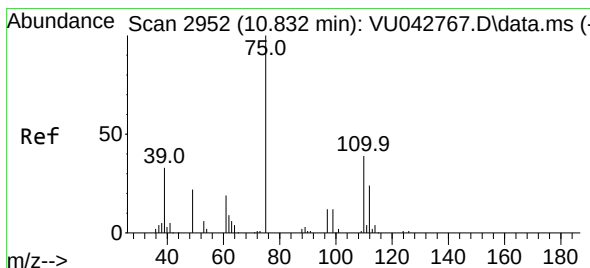
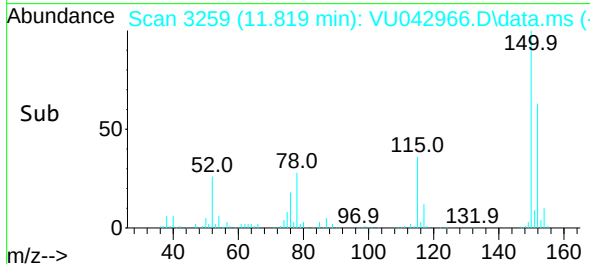
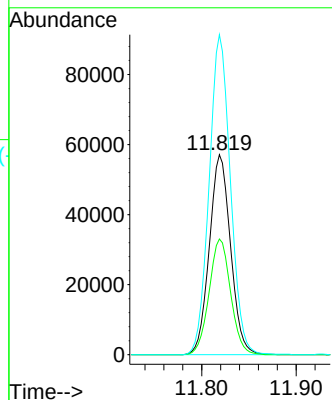
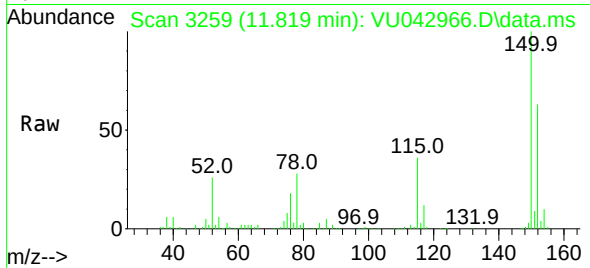




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042966.D
 Acq: 06 Apr 2021 19:38

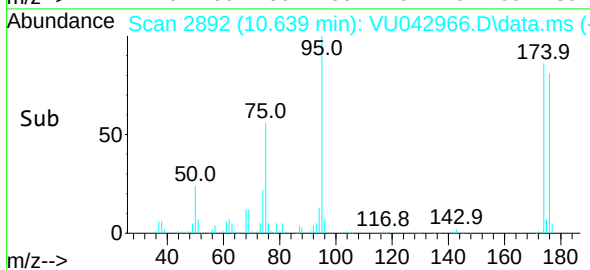
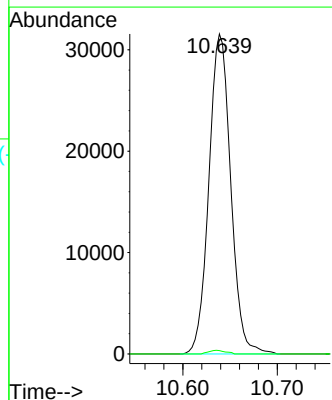
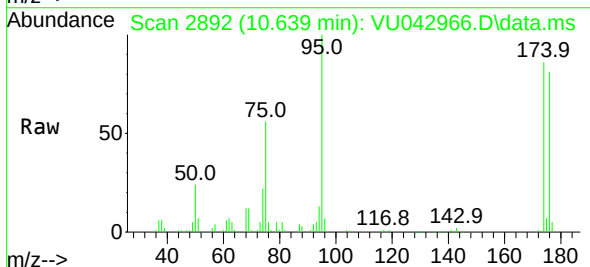
Instrument :
 MSVOA_U
 ClientSampleId :

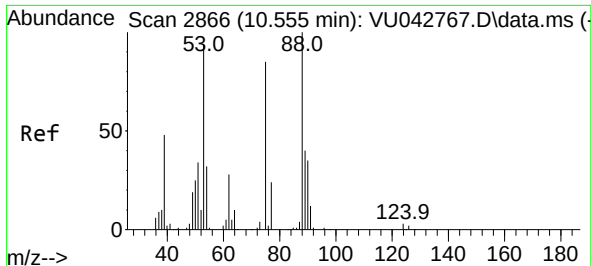
Tgt Ion:152 Resp: 89146
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.0 123.0
 150 160.0 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 22.34 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042966.D
 Acq: 06 Apr 2021 19:38

Tgt Ion: 75 Resp: 50649
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.6 58.8#

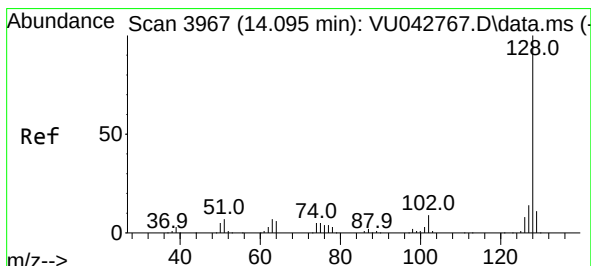
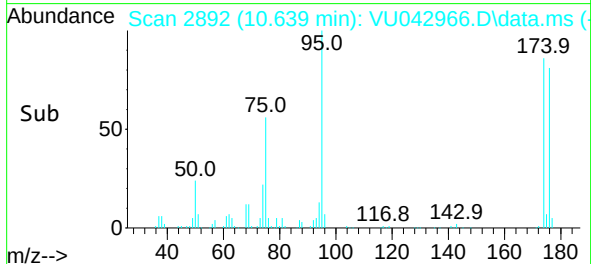
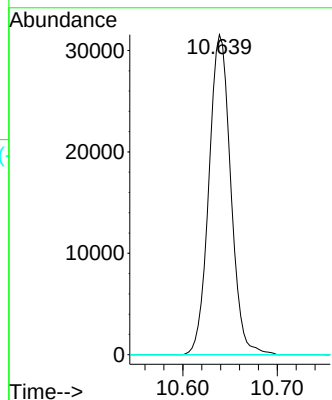
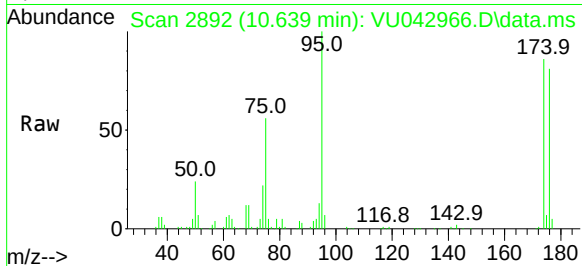




#81
trans-1,4-Dichloro-2-butene
Concen: 66.19 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 50649
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.59 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.010 min
Lab File: VU042966.D
Acq: 06 Apr 2021 19:38

Tgt Ion:128 Resp: 91
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

