

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042901.D
 Acq On : 02 Apr 2021 17:23
 Operator : SY/MD
 Sample : M1903-02 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30791

Quant Time: Apr 03 00:13:57 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)

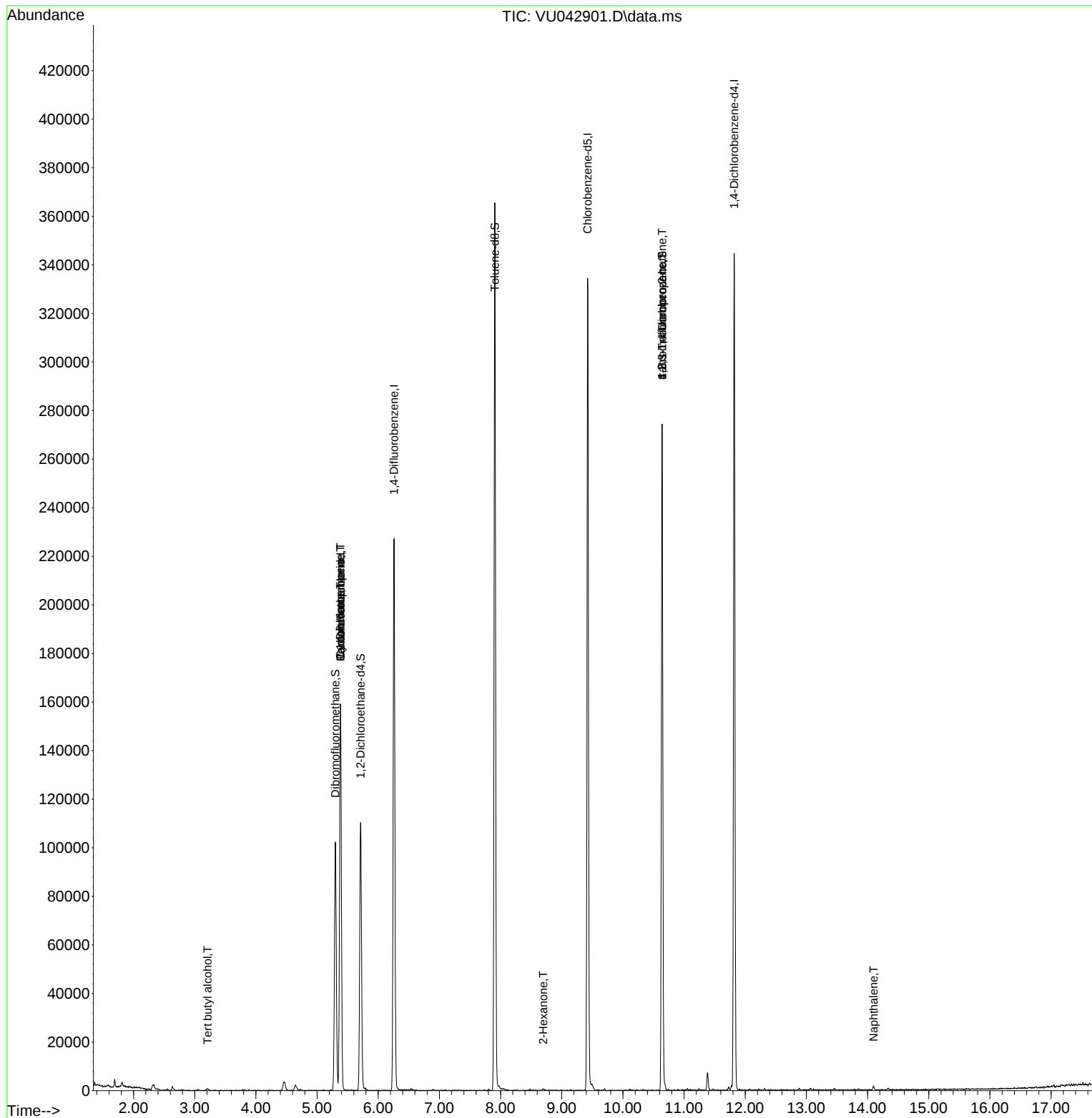
Internal Standards						
1) Pentafluorobenzene	5.385	168	109663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	175892	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	170843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	87071	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	5.298	113	61857	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	7.906	98	221525	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	10.642	95	81304	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds					Qvalue	
5) Bromomethane	1.861	94	125	Below Cal	#	2
6) Chloroethane	1.948	64	38	Below Cal	#	43
11) Tert butyl alcohol	3.211	59	1016	2.72 ug/l	#	74
16) Acetone	2.636	43	2018	Below Cal		93
31) Cyclohexane	5.382	56	2836	1.30 ug/l	#	16
36) 1,1-Dichloropropene	5.382	75	9057	5.21 ug/l	#	49
38) Carbon Tetrachloride	5.385	117	11202	5.64 ug/l	#	17
59) 2-Hexanone	8.697	43	655	0.29 ug/l		89
76) 1,2,3-Trichloropropane	10.642	75	46456	21.38 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	10.642	75	46456	63.34 ug/l	#	6
95) Naphthalene	14.098	128	1827	2.87 ug/l	#	87

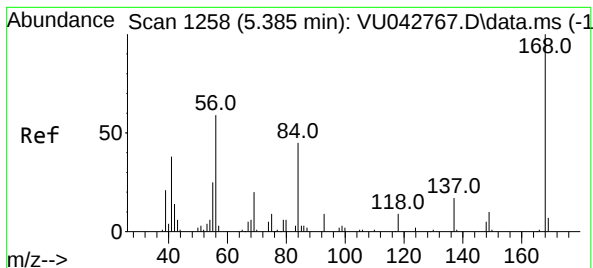
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU042901.D

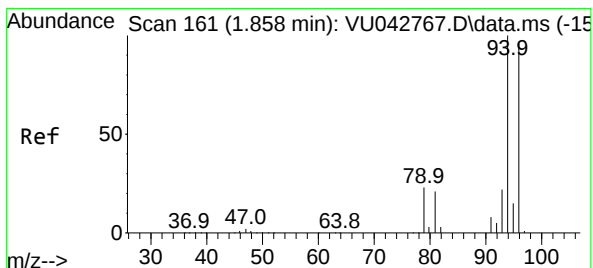
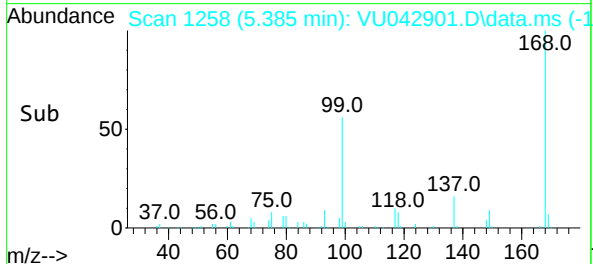
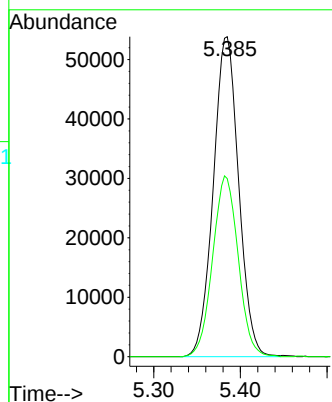
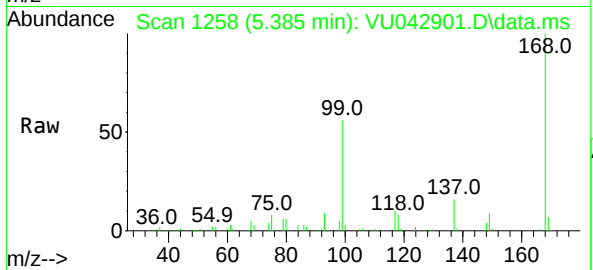
Acq: 02 Apr 2021 17:23

Instrument :
MSVOA_U
ClientSampled :
30791

Tgt Ion:168 Resp: 109663

Ion Ratio Lower Upper

168	100		
99	55.6	46.4	69.6



#5

Bromomethane

Concen: Below Cal

RT: 1.861 min Scan# 162

Delta R.T. 0.003 min

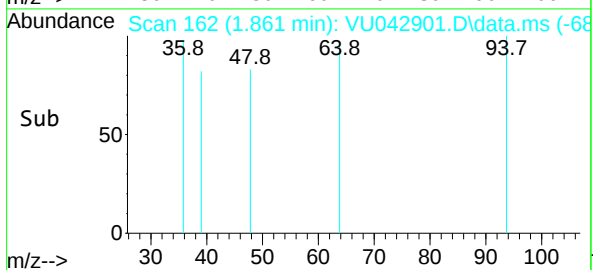
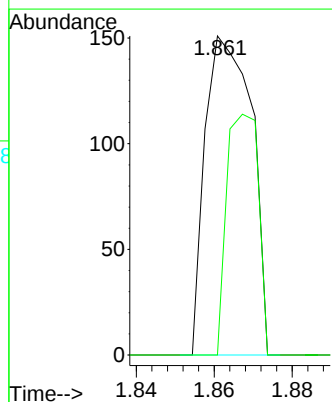
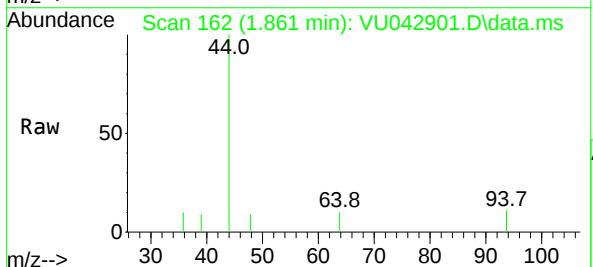
Lab File: VU042901.D

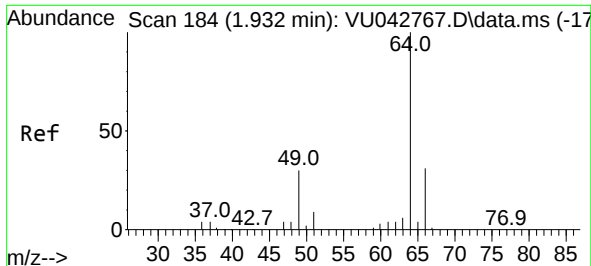
Acq: 02 Apr 2021 17:23

Tgt Ion: 94 Resp: 125

Ion Ratio Lower Upper

94	100		
96	0.0	77.1	115.7#

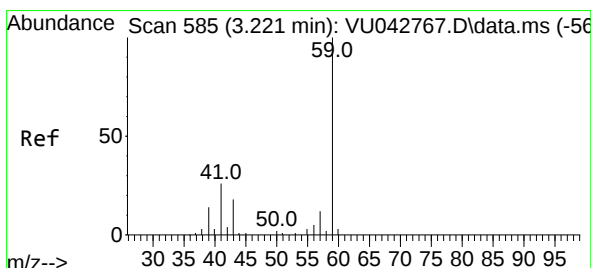
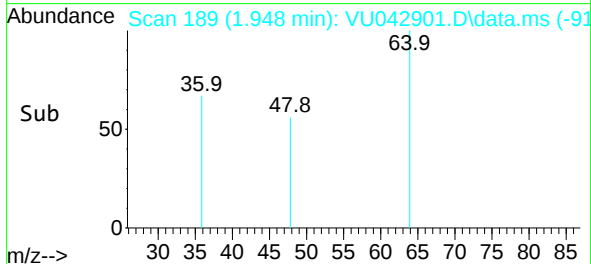
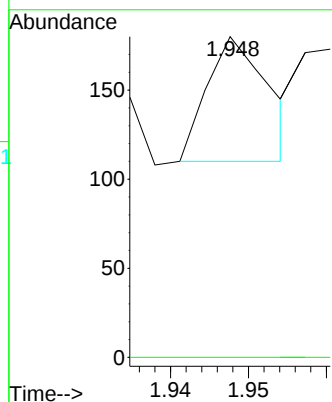
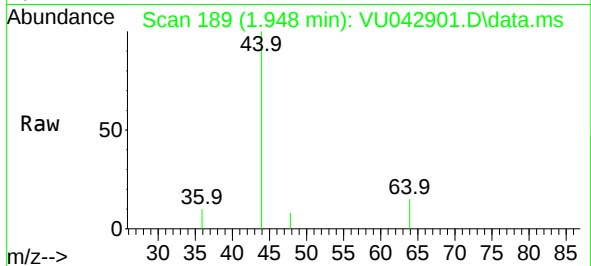




#6
Chloroethane
Concen: Below Cal
RT: 1.948 min Scan# 189
Delta R.T. 0.016 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

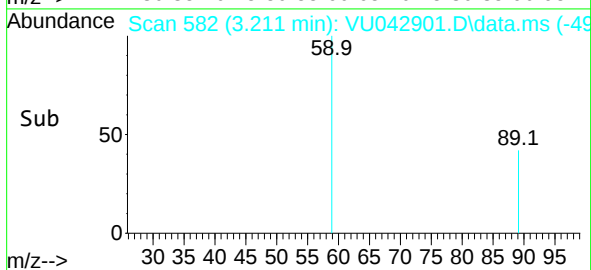
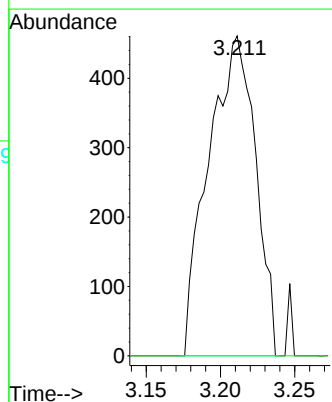
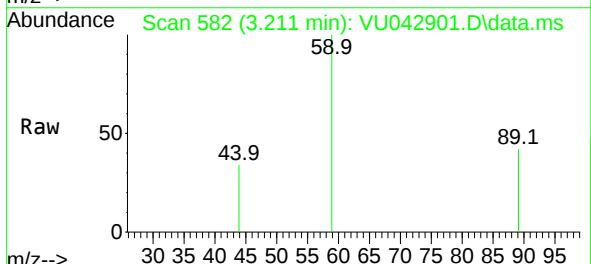
Instrument :
MSVOA_U
ClientSampled :
30791

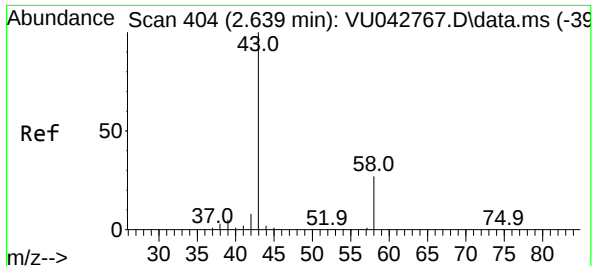
Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#11
Tert butyl alcohol
Concen: 2.72 ug/l
RT: 3.211 min Scan# 582
Delta R.T. -0.010 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

Tgt Ion: 59 Resp: 1016
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

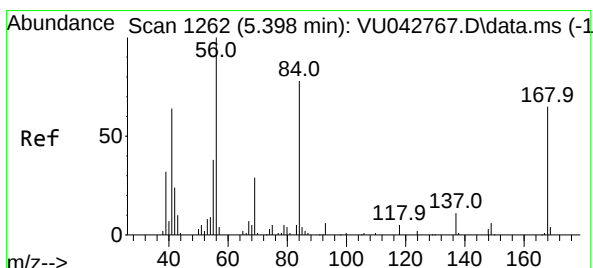
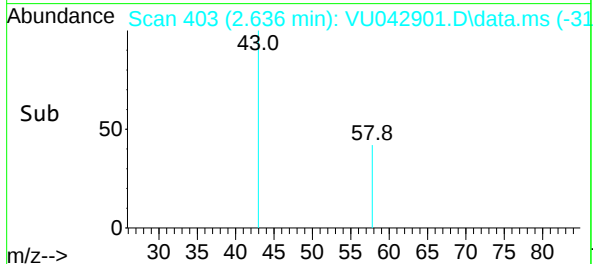
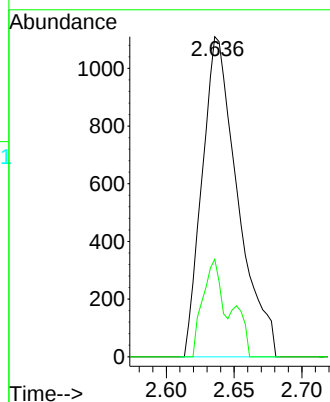
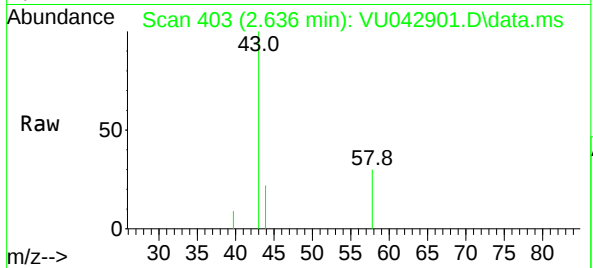




#16
Acetone
Concen: Below Cal
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

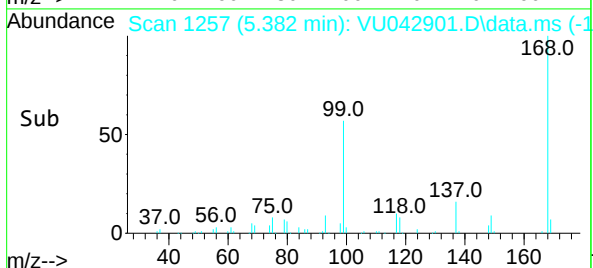
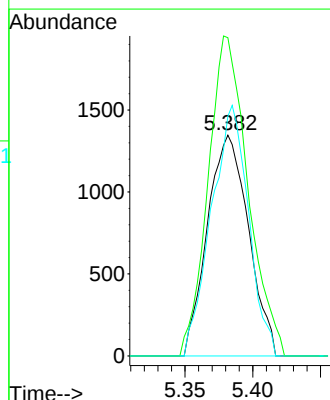
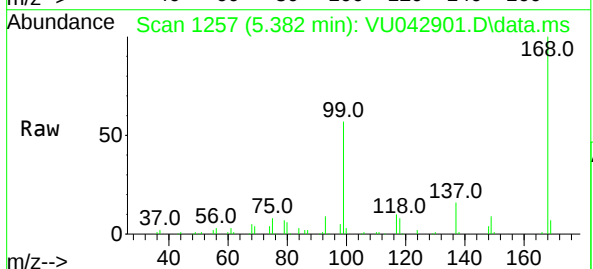
Instrument :
MSVOA_U
ClientSampleId :
30791

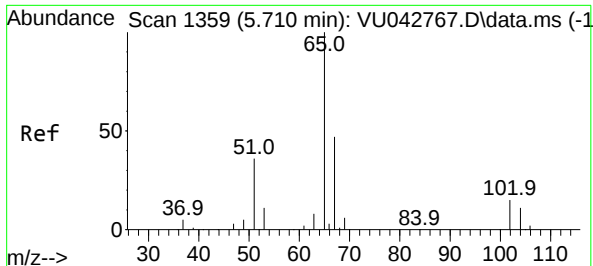
Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
58 30.5 21.6 32.4



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

Tgt Ion: 56 Resp: 2836
Ion Ratio Lower Upper
56 100
69 144.1 23.3 34.9#
84 108.5 62.2 93.4#





#33

1,2-Dichloroethane-d4

Concen: 49.81 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042901.D

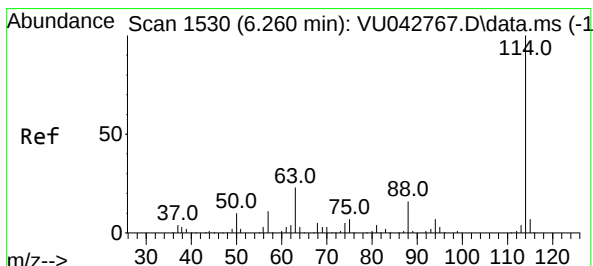
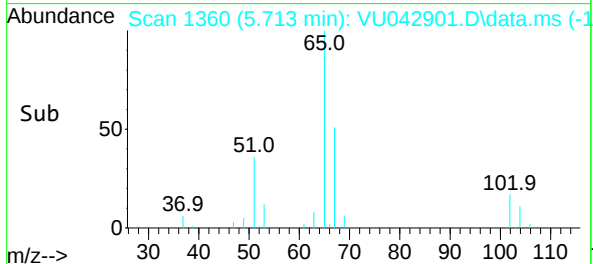
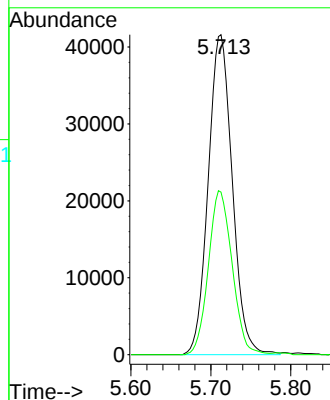
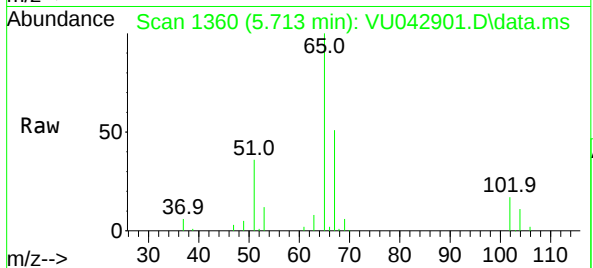
Acq: 02 Apr 2021 17:23

Tgt Ion: 65 Resp: 87071

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. -0.001 min

Lab File: VU042901.D

Acq: 02 Apr 2021 17:23

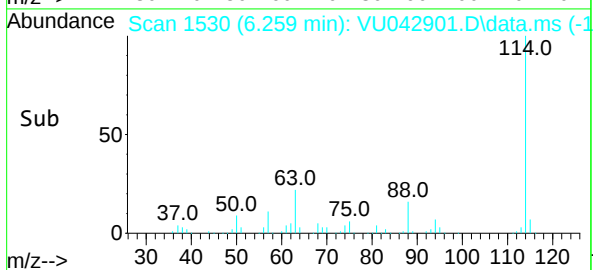
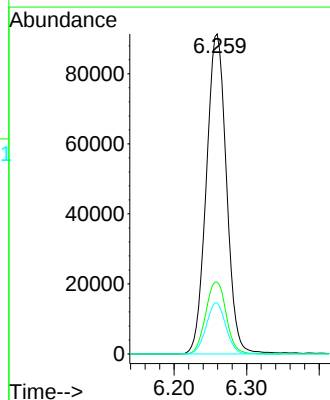
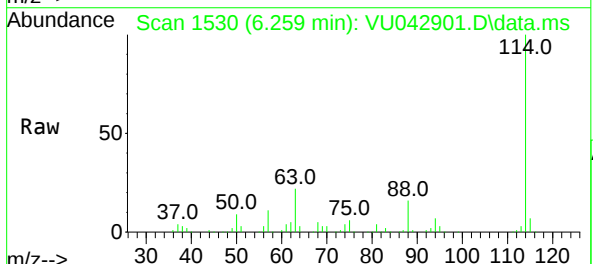
Tgt Ion: 114 Resp: 175892

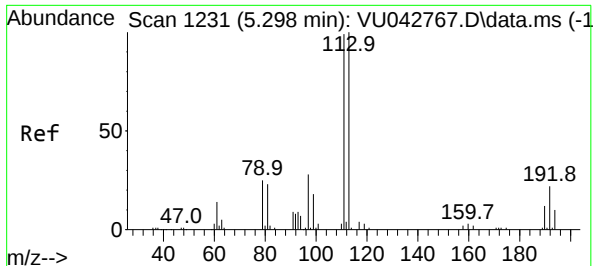
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.8

88 15.9 0.0 32.2

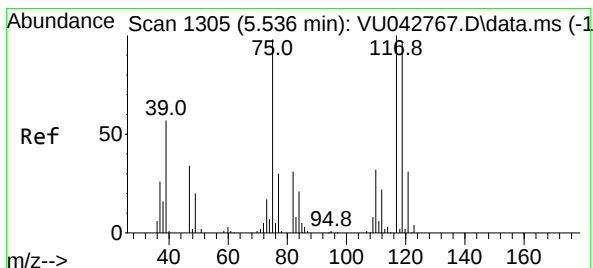
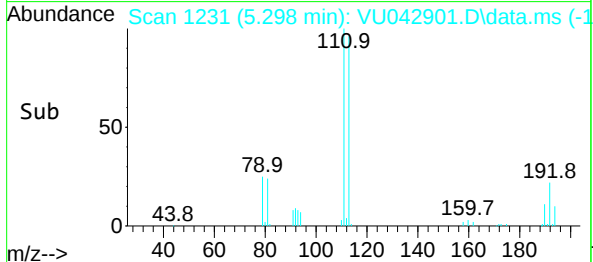
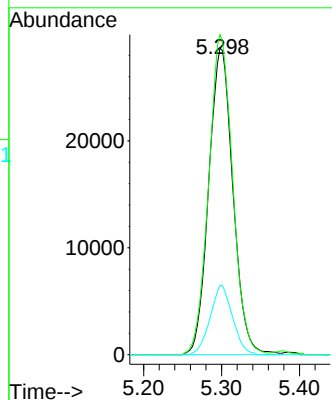
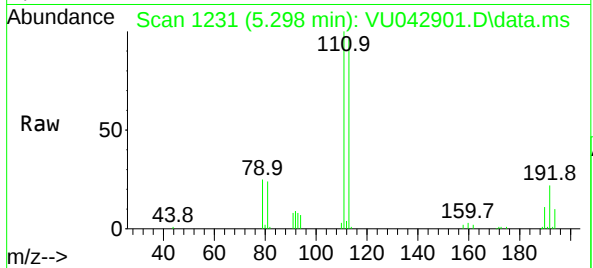




#35
Dibromofluoromethane
Concen: 47.12 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

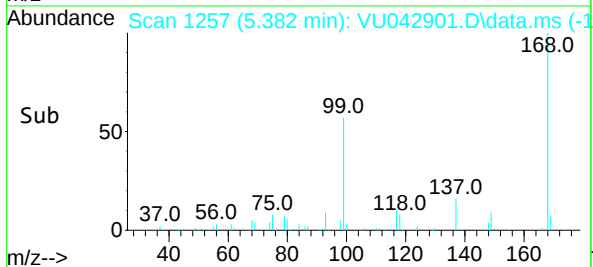
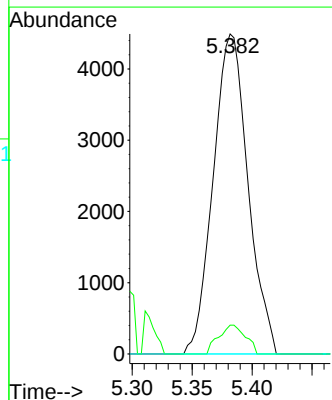
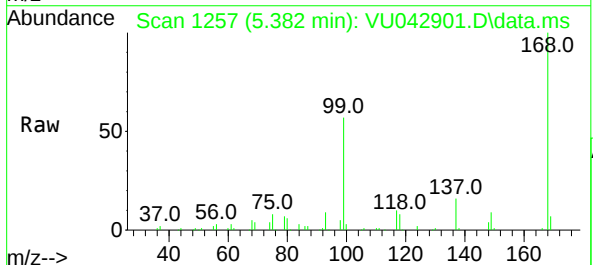
Instrument :
MSVOA_U
ClientSampled :
30791

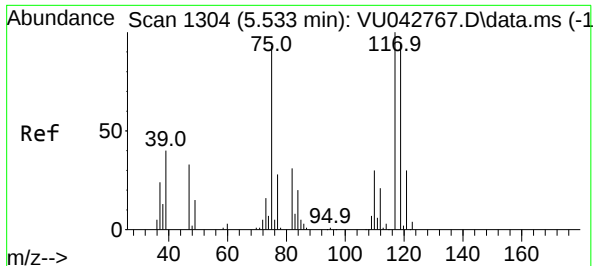
Tgt Ion:113 Resp: 61857
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

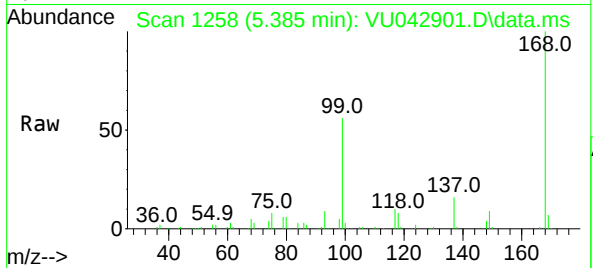
Tgt Ion: 75 Resp: 9057
Ion Ratio Lower Upper
75 100
110 7.0 16.6 49.7#
77 0.0 24.7 37.1#



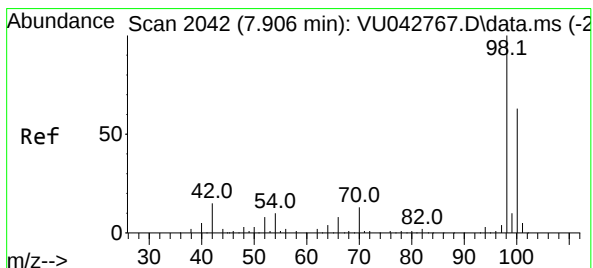
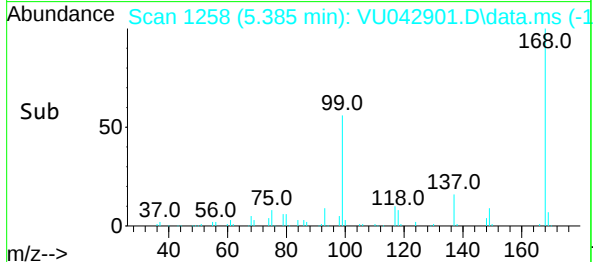
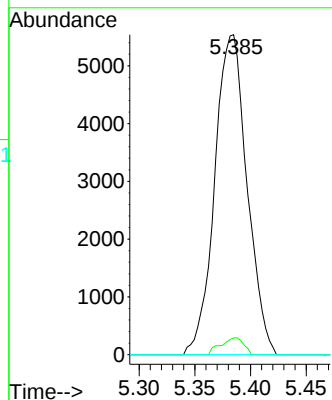


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

Instrument :
MSVOA_U
ClientSampled :
30791

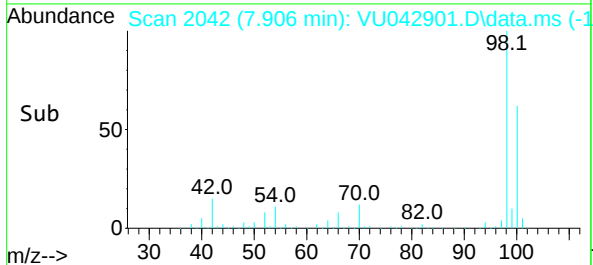
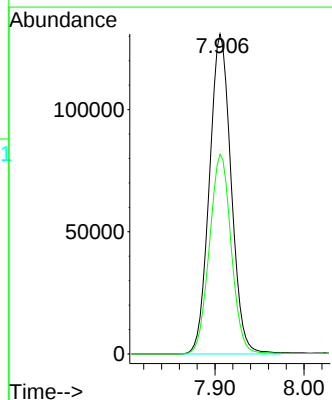
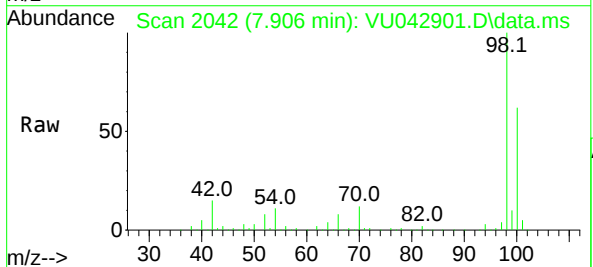


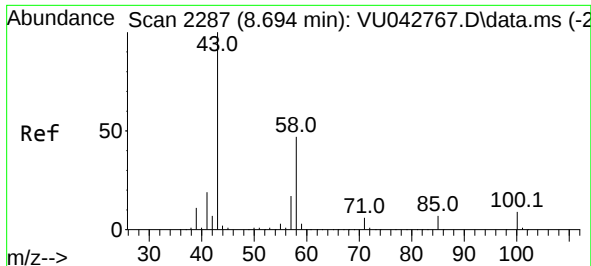
Tgt Ion:117 Resp: 11202
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.97 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

Tgt Ion: 98 Resp: 221525
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6

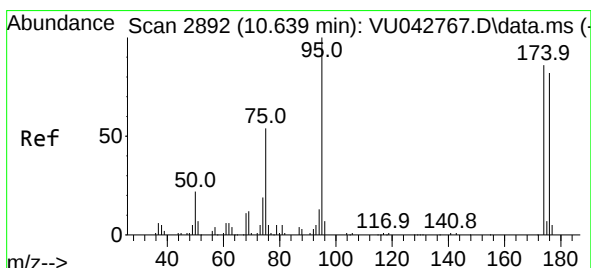
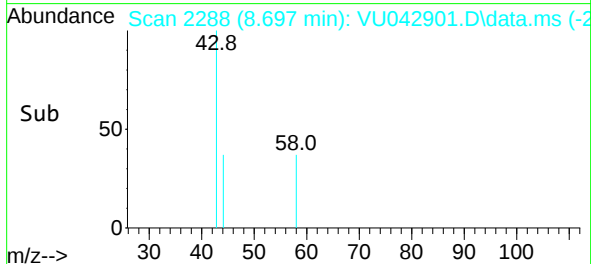
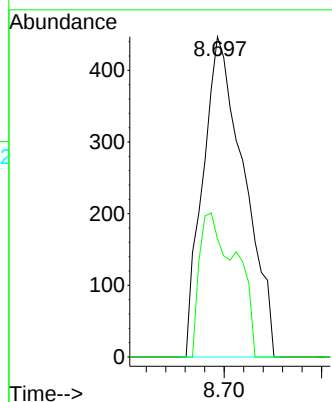
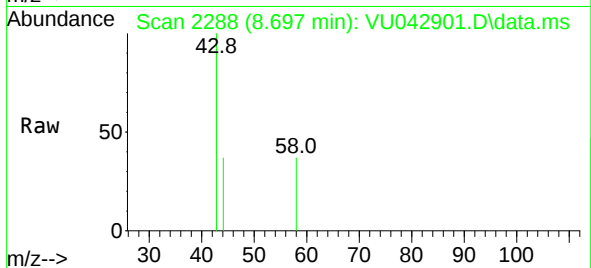




#59
2-Hexanone
Concen: 0.29 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

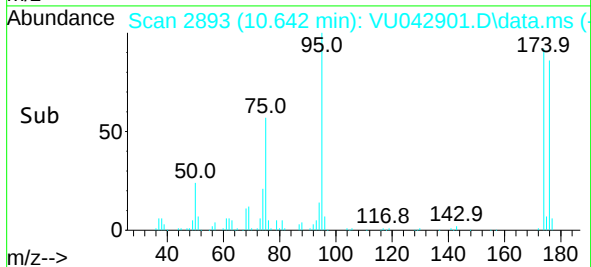
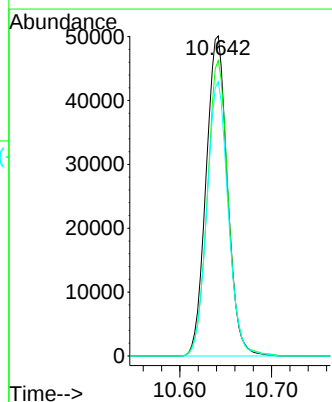
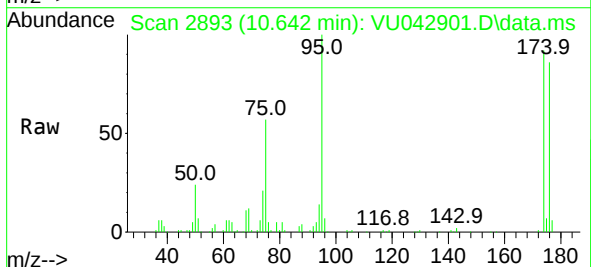
Instrument :
MSVOA_U
ClientSampleId :
30791

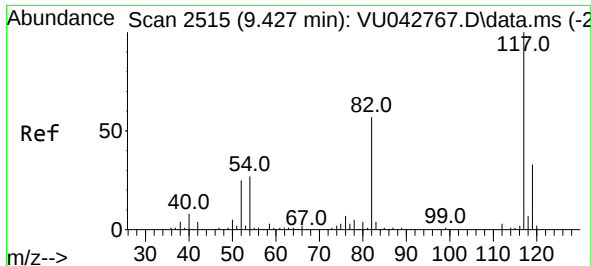
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 39.8 23.8 71.2



#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

Tgt Ion: 95 Resp: 81304
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.2
176 85.4 0.0 167.4

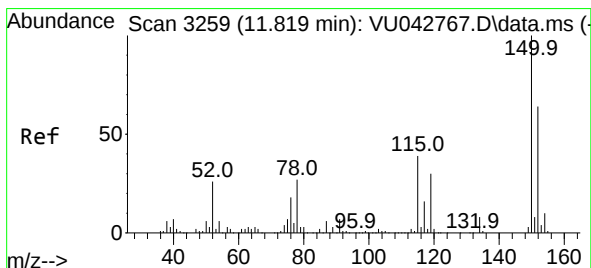
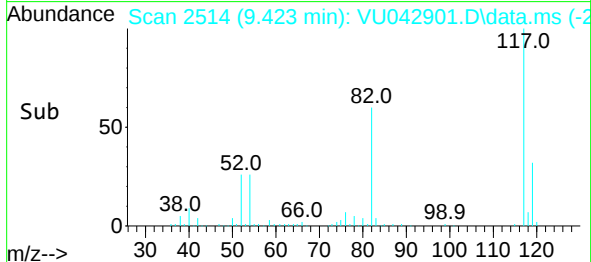
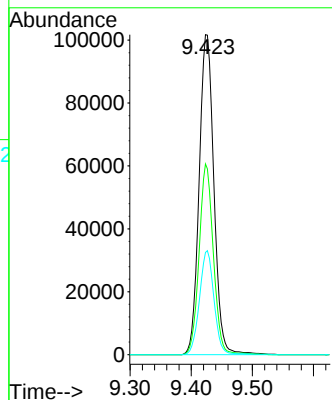
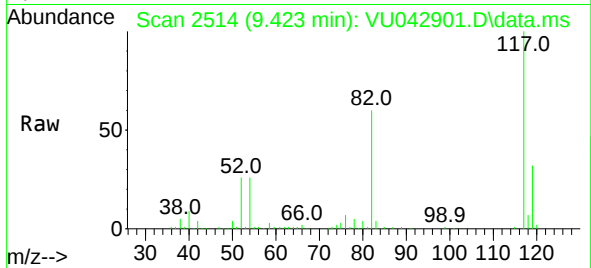




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

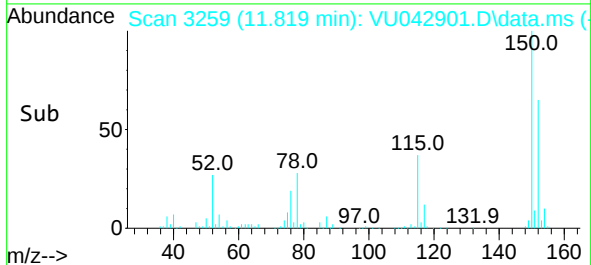
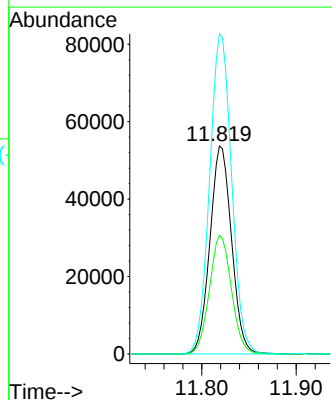
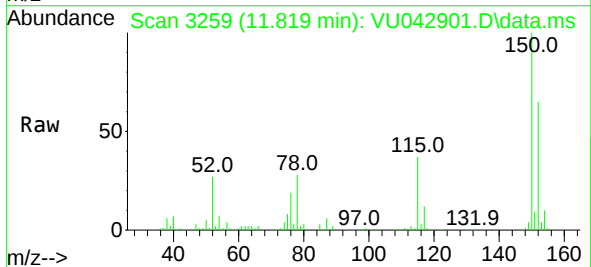
Instrument :
MSVOA_U
ClientSampleId :
30791

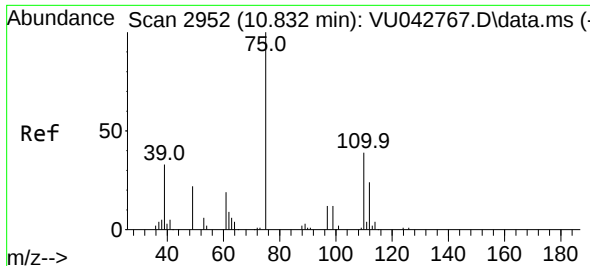
Tgt Ion:117 Resp: 170843
Ion Ratio Lower Upper
117 100
82 59.6 45.5 68.3
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

Tgt Ion:152 Resp: 85445
Ion Ratio Lower Upper
152 100
115 57.8 41.0 123.0
150 156.3 0.0 341.0

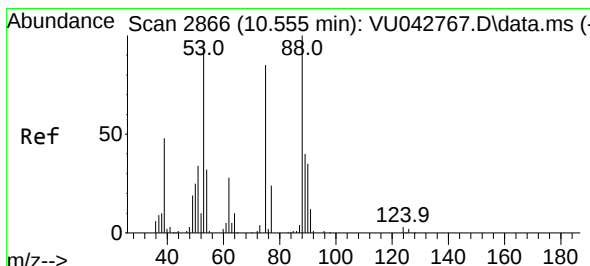
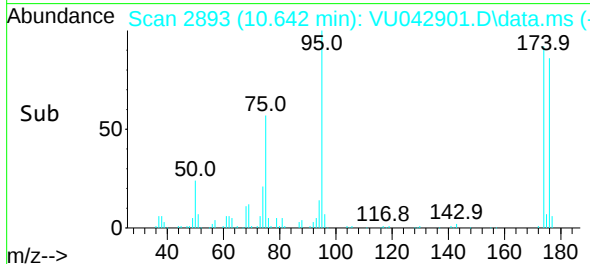
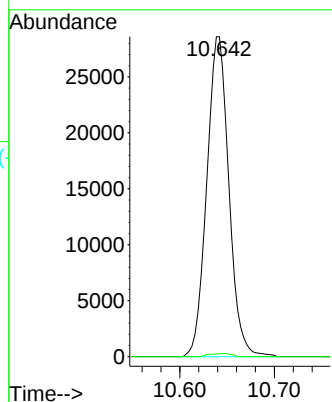
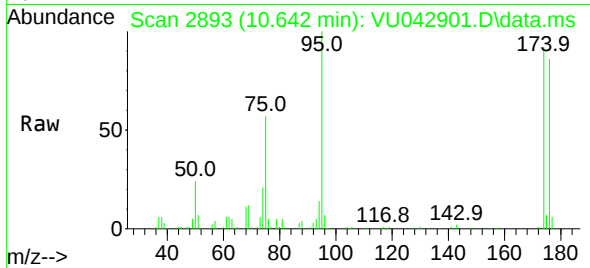




#76
1,2,3-Trichloropropane
Concen: 21.38 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

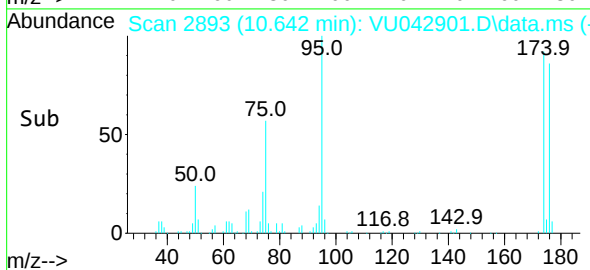
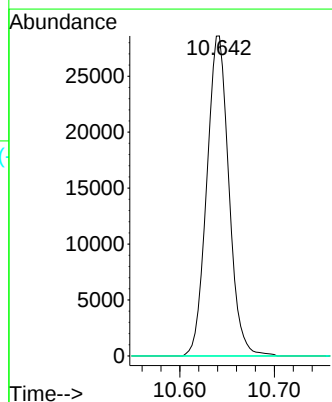
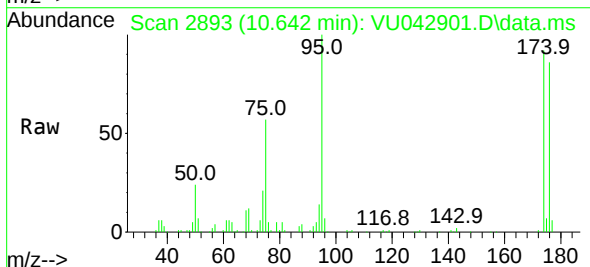
Instrument :
MSVOA_U
ClientSampled :
30791

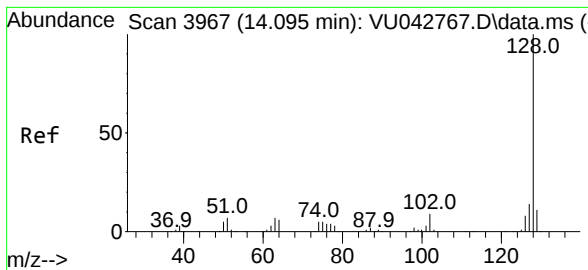
Tgt Ion: 75 Resp: 46456
Ion Ratio Lower Upper
75 100
77 1.0 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.34 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042901.D
Acq: 02 Apr 2021 17:23

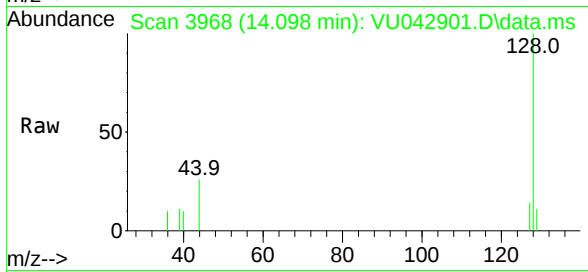
Tgt Ion: 75 Resp: 46456
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.87 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.003 min
 Lab File: VU042901.D
 Acq: 02 Apr 2021 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 30791



Tgt Ion:	128	Resp:	1827
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.9	16.3#
129	3.6	8.7	13.1#

