

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043370.D
 Acq On : 28 Apr 2021 01:59
 Operator : SY/MD
 Sample : M2133-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 28 09:14:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

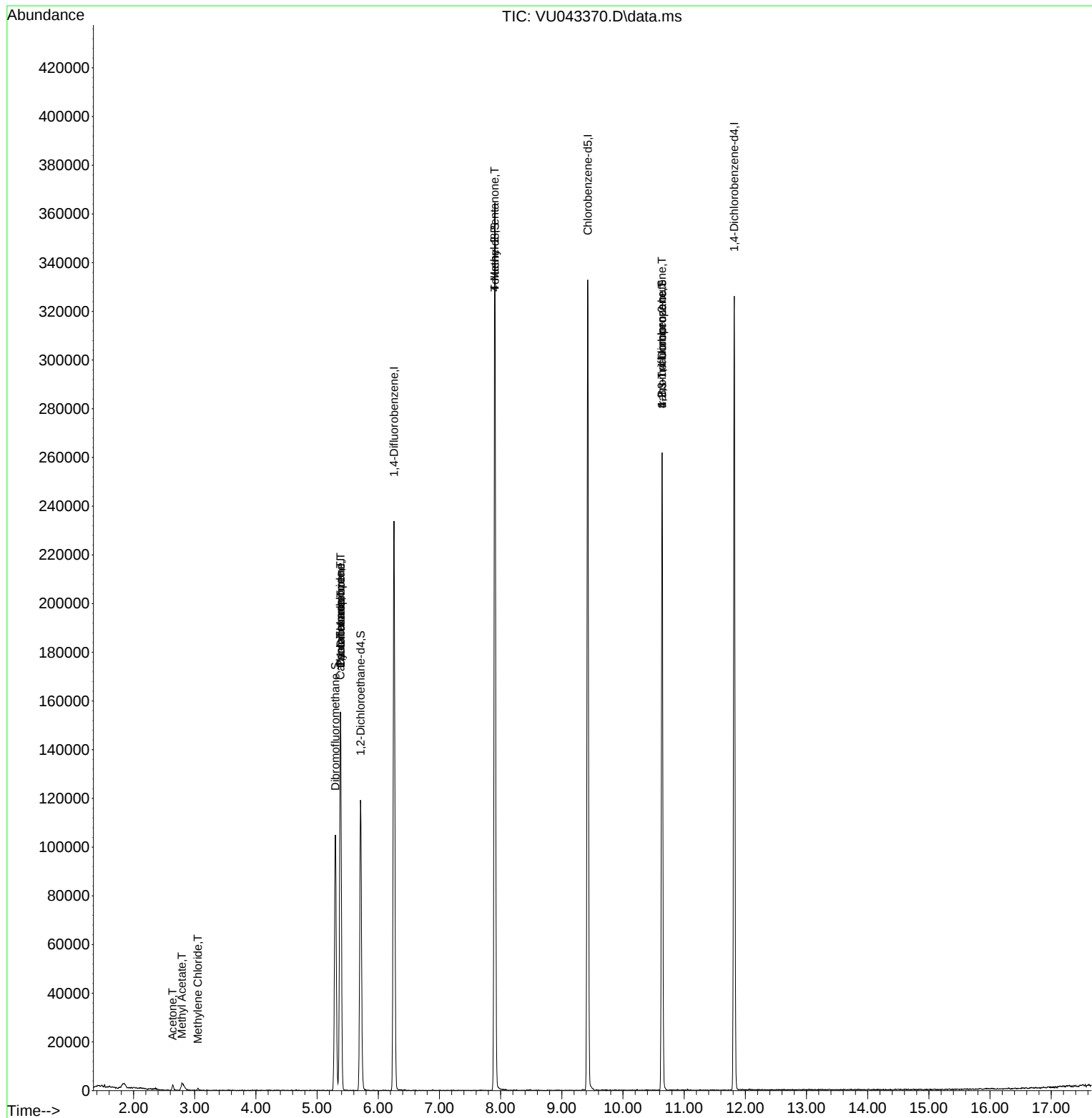
Internal Standards						
1) Pentafluorobenzene	5.382	168	104025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	172847	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	164455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92622	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	5.298	113	64537	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	7.906	98	220376	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	10.639	95	75767	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	662	Below Cal	#	86
16) Acetone	2.639	43	2575	2.20	ug/l #	88
18) Methyl Acetate	2.790	43	565	0.26	ug/l #	55
20) Methylene Chloride	3.051	84	317	0.26	ug/l #	65
31) Cyclohexane	5.382	56	2805	1.30	ug/l #	27
36) 1,1-Dichloropropene	5.382	75	8652	4.72	ug/l #	50
38) Carbon Tetrachloride	5.379	117	10849	5.52	ug/l #	17
51) 4-Methyl-2-Pentanone	7.903	43	1208	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	44257	19.41	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	44257	57.04	ug/l #	7

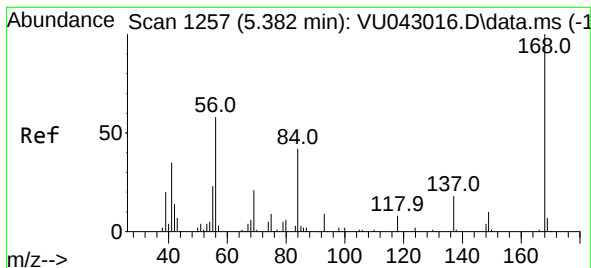
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU043370.D

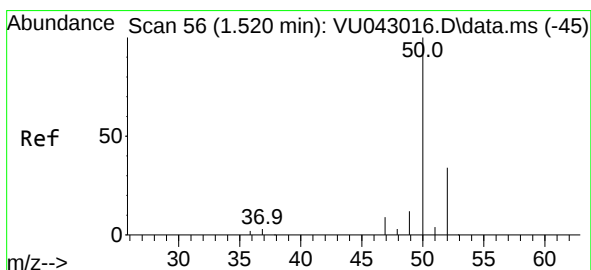
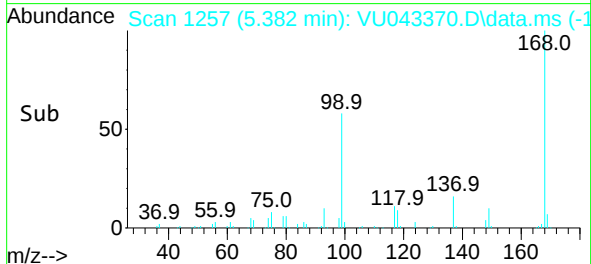
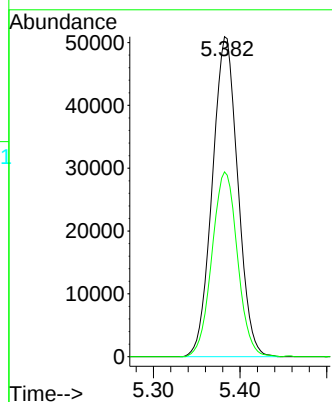
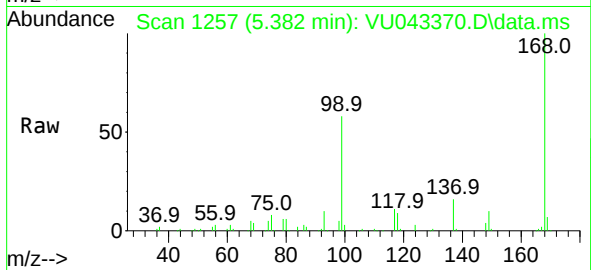
Acq: 28 Apr 2021 01:59

Tgt Ion:168 Resp: 104025

Ion Ratio Lower Upper

168 100

99 57.8 45.0 67.4



#3

Chloromethane

Concen: Below Cal

RT: 1.524 min Scan# 57

Delta R.T. 0.004 min

Lab File: VU043370.D

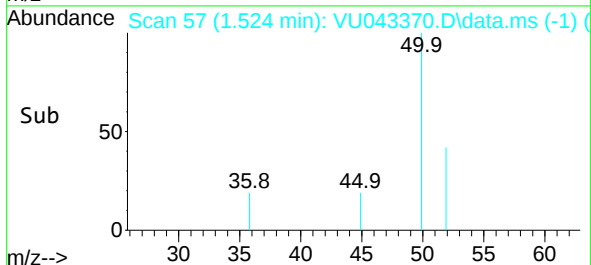
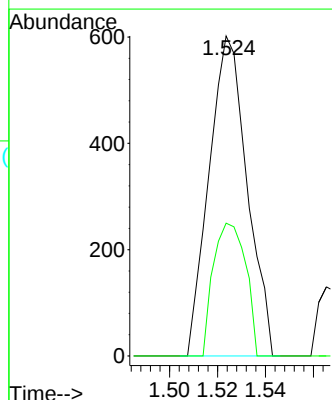
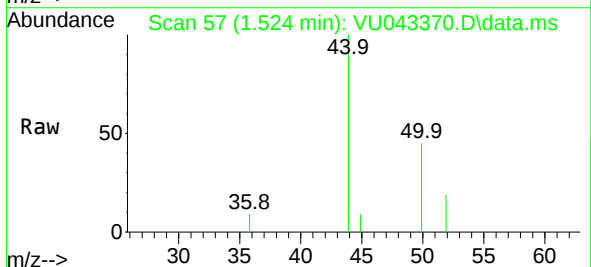
Acq: 28 Apr 2021 01:59

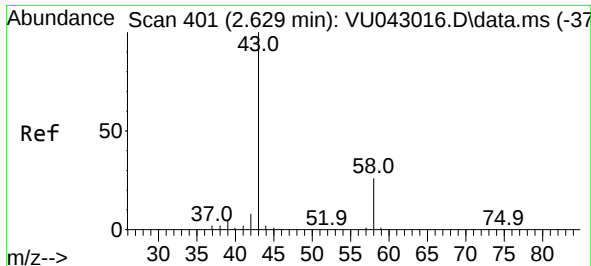
Tgt Ion: 50 Resp: 662

Ion Ratio Lower Upper

50 100

52 41.5 26.6 40.0#

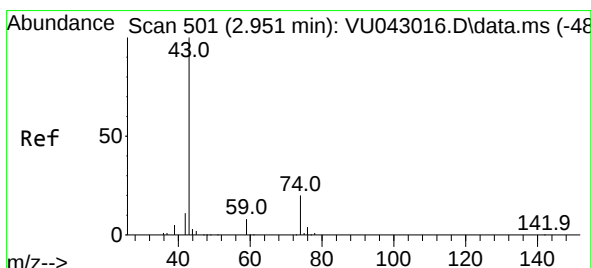
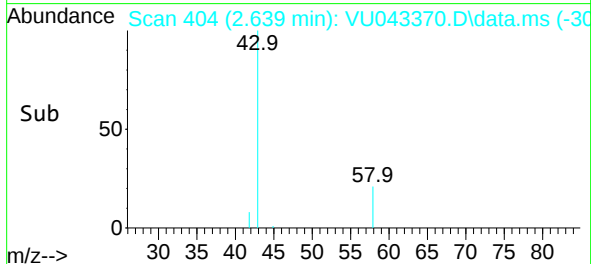
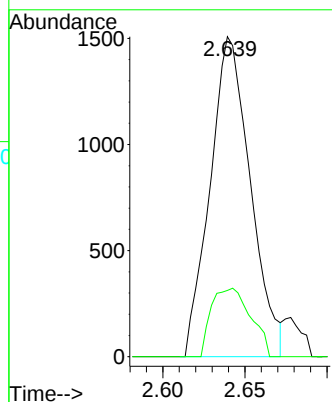
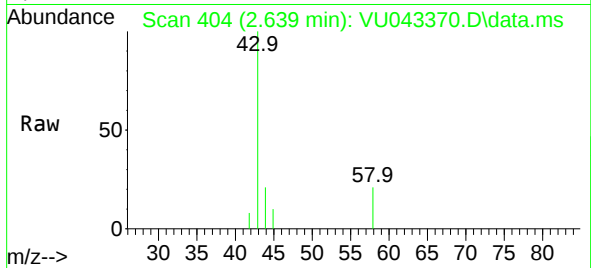




#16
Acetone
Concen: 2.20 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

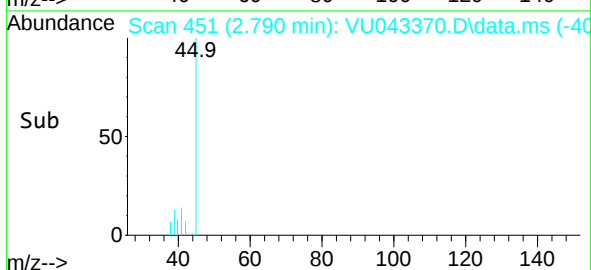
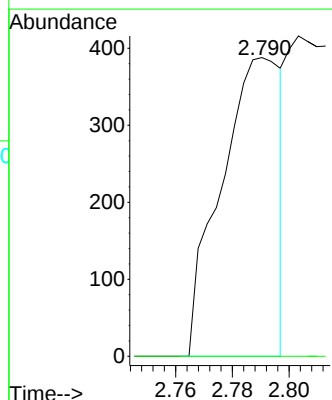
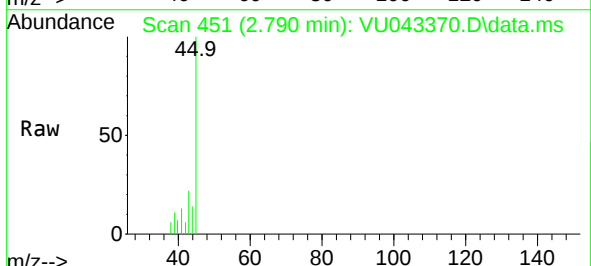
Instrument :
MSVOA_U
ClientSampleId :

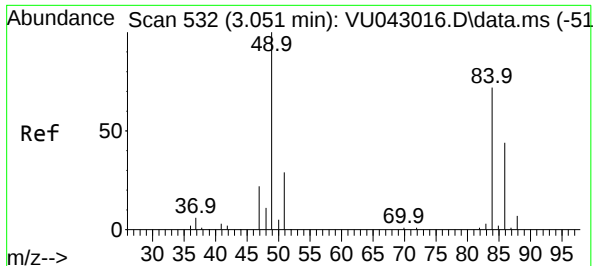
Tgt Ion: 43 Resp: 2575
Ion Ratio Lower Upper
43 100
58 20.7 21.5 32.3#



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.161 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU043370.D

Acq: 28 Apr 2021 01:59

Tgt Ion: 84 Resp: 317

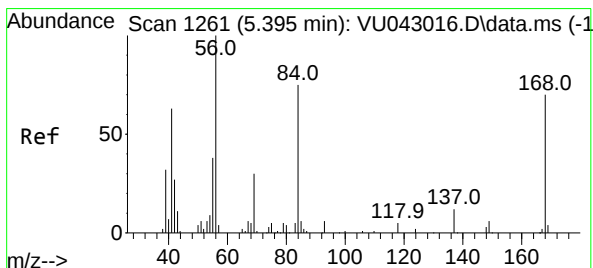
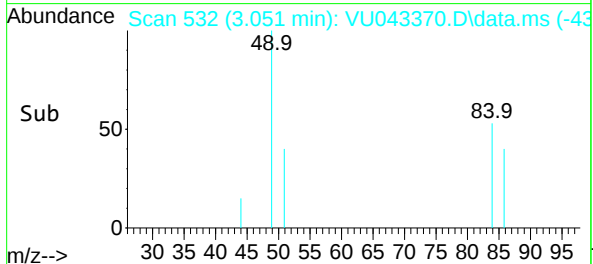
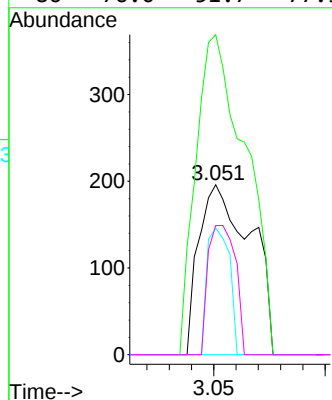
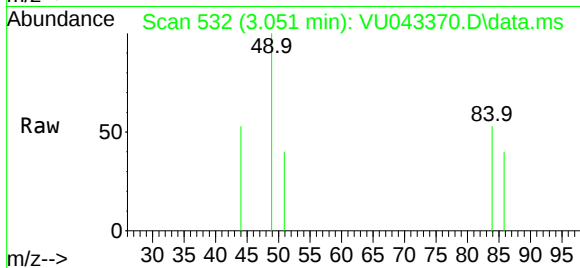
Ion Ratio Lower Upper

84 100

49 188.3 112.6 169.0#

51 74.5 33.7 50.5#

86 76.0 51.7 77.5



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043370.D

Acq: 28 Apr 2021 01:59

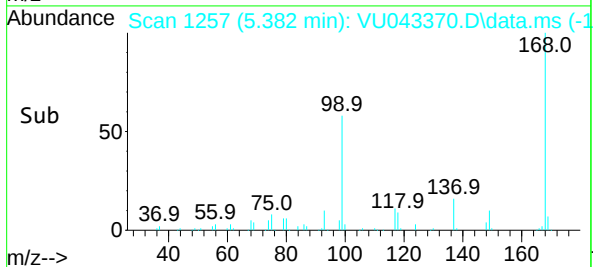
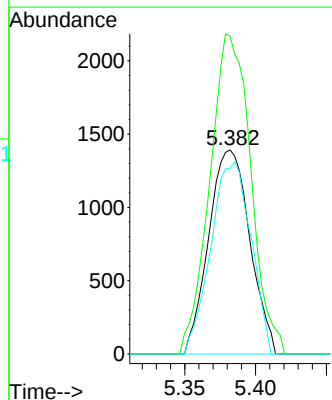
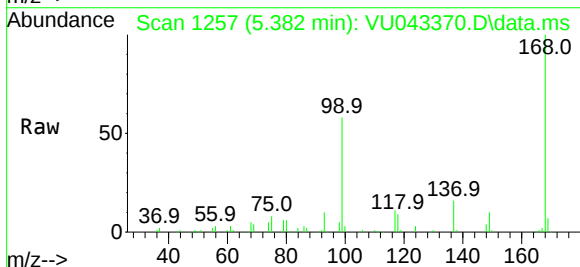
Tgt Ion: 56 Resp: 2805

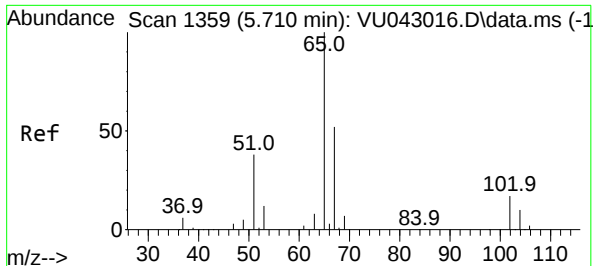
Ion Ratio Lower Upper

56 100

69 155.8 24.9 37.3#

84 91.1 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 52.96 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043370.D

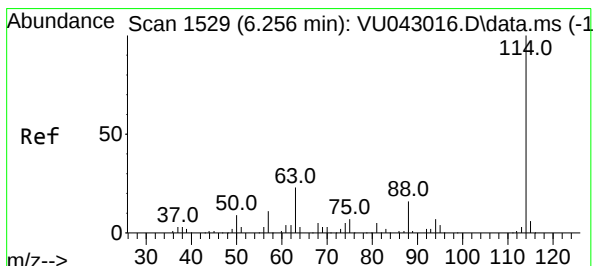
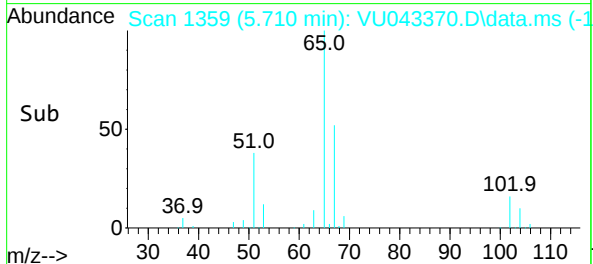
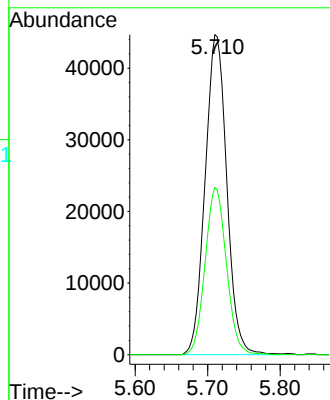
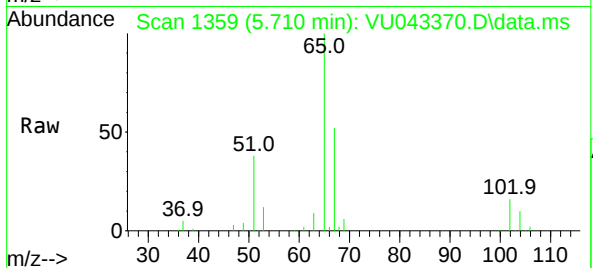
Acq: 28 Apr 2021 01:59

Tgt Ion: 65 Resp: 92622

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.257 min Scan# 1529

Delta R.T. 0.001 min

Lab File: VU043370.D

Acq: 28 Apr 2021 01:59

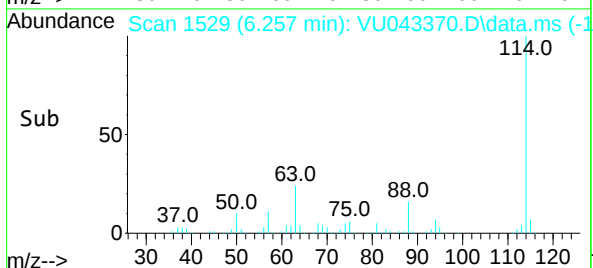
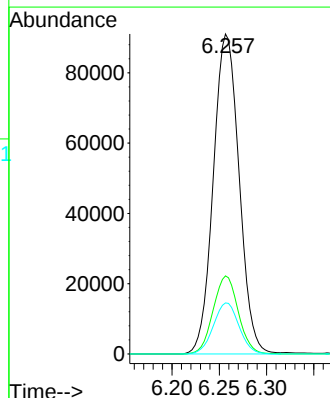
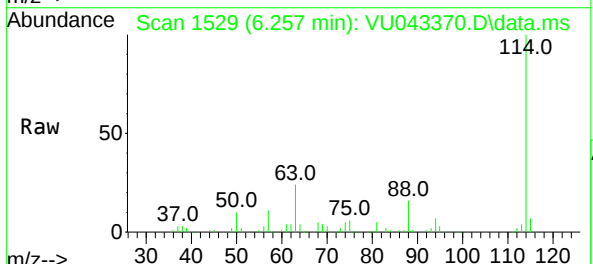
Tgt Ion: 114 Resp: 172847

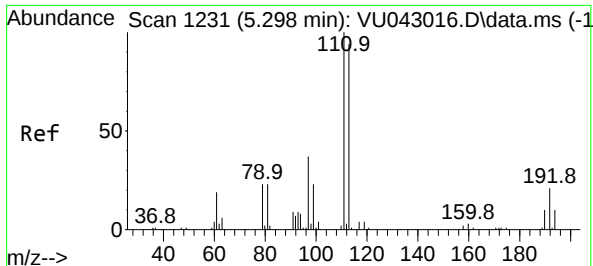
Ion Ratio Lower Upper

114 100

63 24.4 0.0 44.2

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.69 ug/l

RT: 5.298 min Scan# 1231

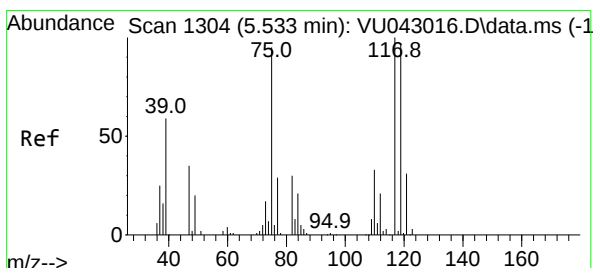
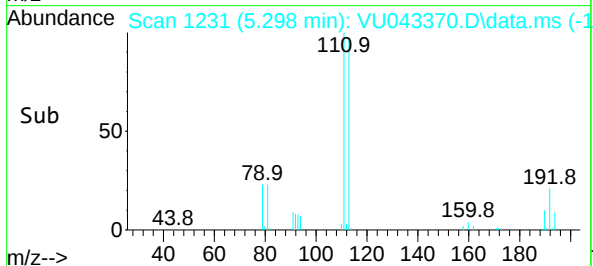
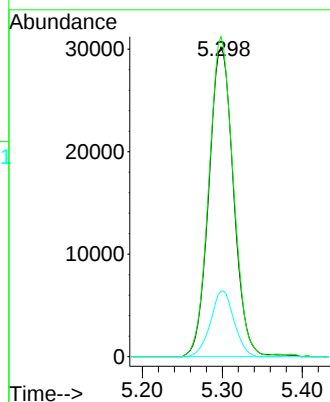
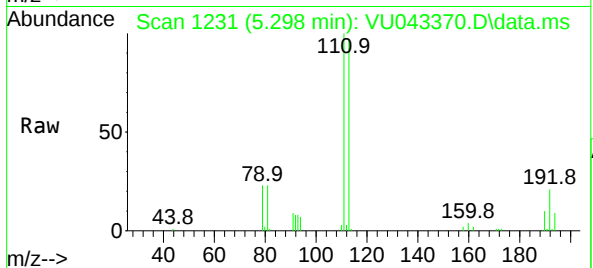
Delta R.T. 0.000 min

Lab File: VU043370.D

Acq: 28 Apr 2021 01:59

Tgt Ion:	113	Resp:	64537
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	20.3	17.2	25.8

Instrument :
MSVOA_U
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.72 ug/l

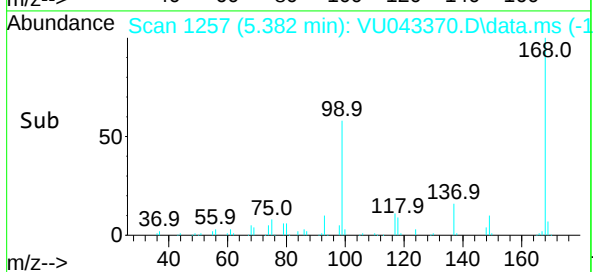
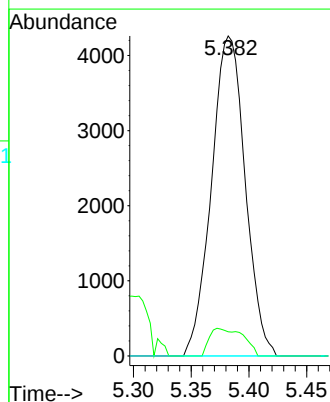
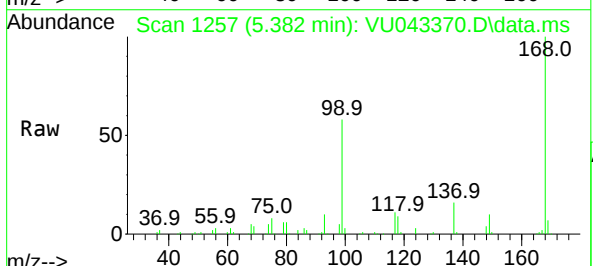
RT: 5.382 min Scan# 1257

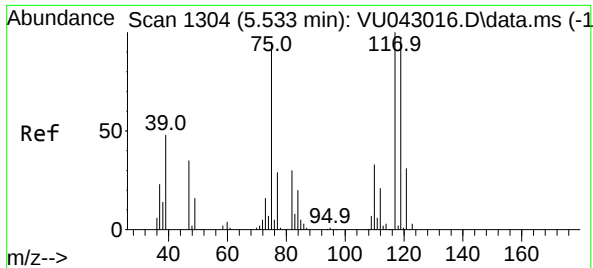
Delta R.T. -0.151 min

Lab File: VU043370.D

Acq: 28 Apr 2021 01:59

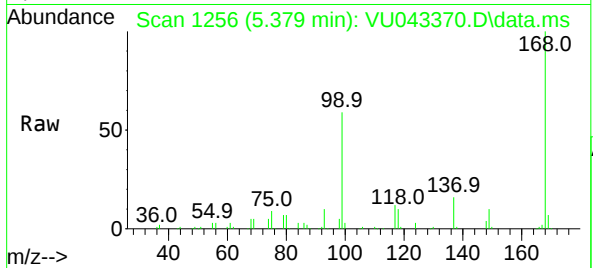
Tgt Ion:	75	Resp:	8652
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.8	50.3#
77	0.0	24.8	37.2#



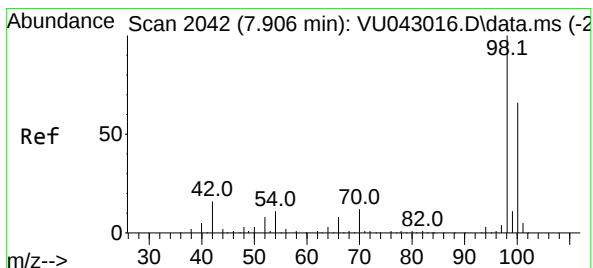
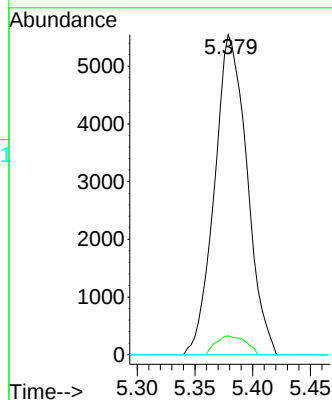
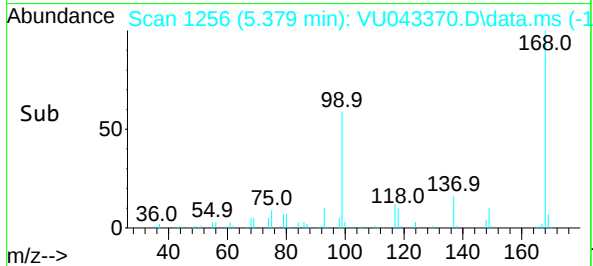


#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Instrument :
MSVOA_U
ClientSampleId :

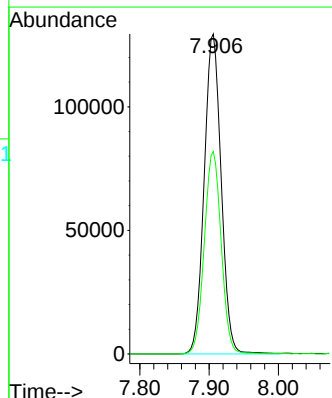
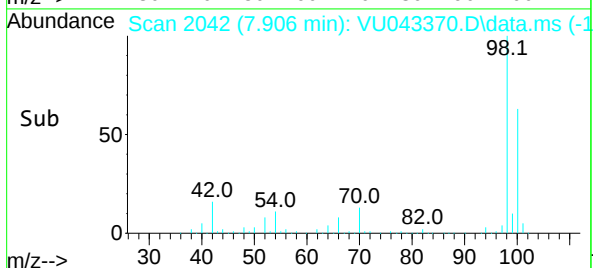
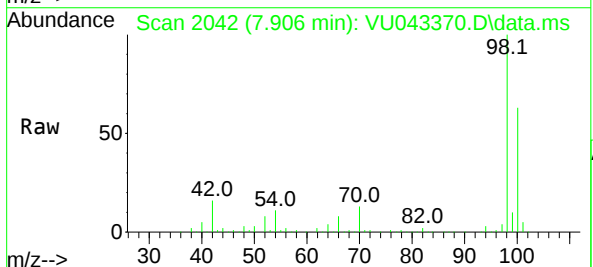


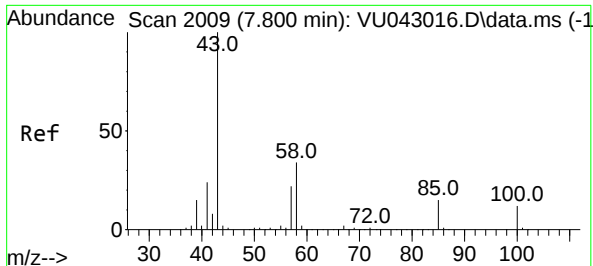
Tgt Ion:117 Resp: 10849
Ion Ratio Lower Upper
117 100
119 5.9 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.95 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Tgt Ion: 98 Resp: 220376
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

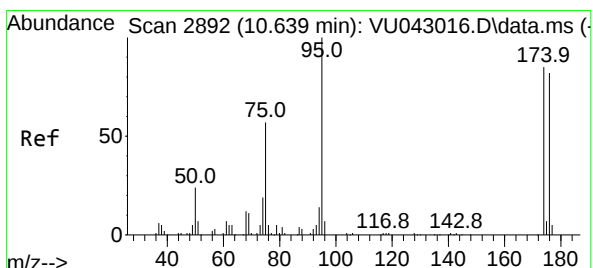
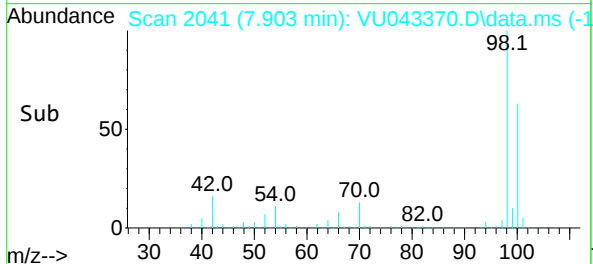
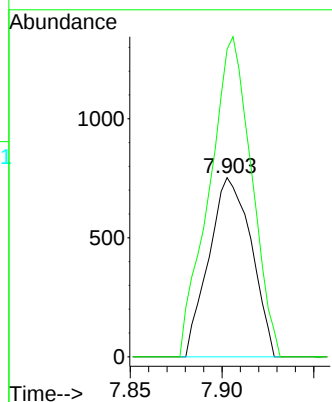
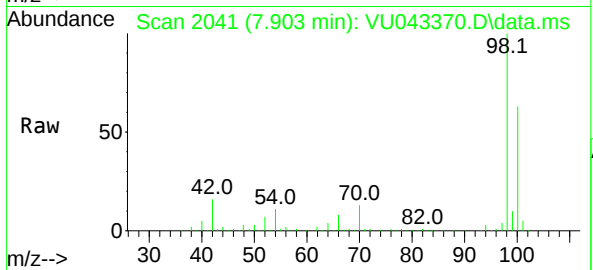




#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

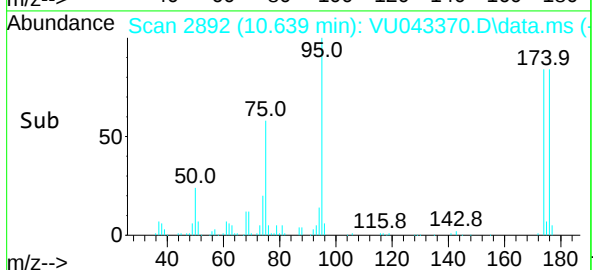
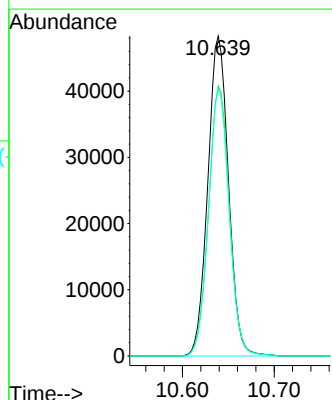
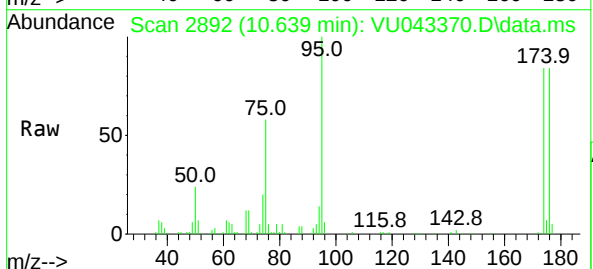
Instrument :
MSVOA_U
ClientSampled :

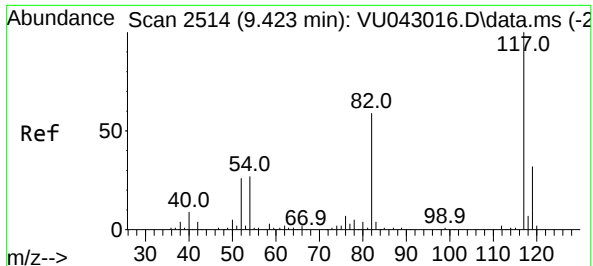
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 177.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 41.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Tgt Ion: 95 Resp: 75767
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.2
176 83.5 0.0 168.8

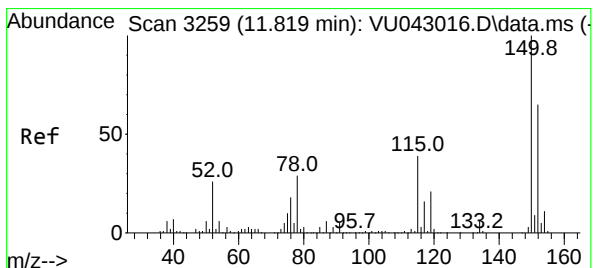
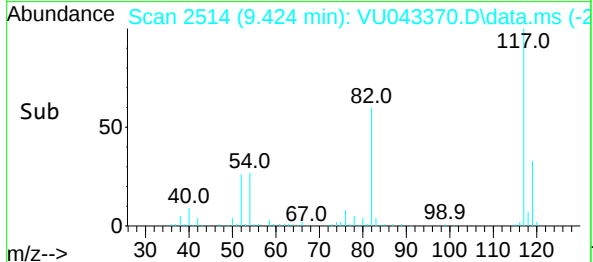
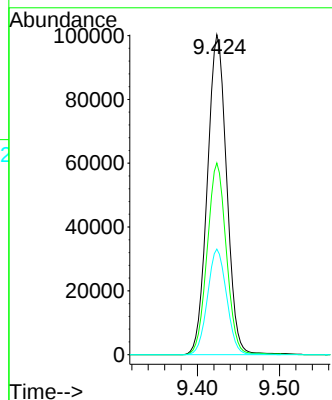
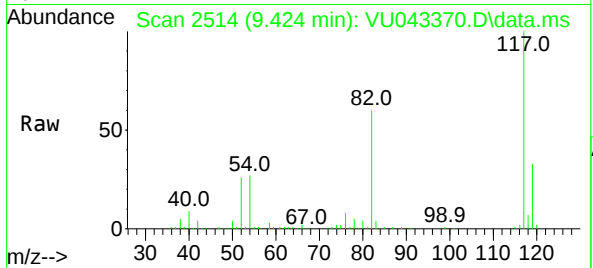




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

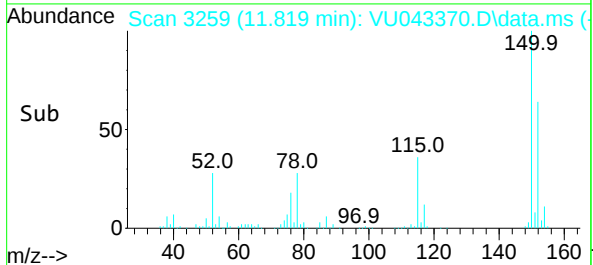
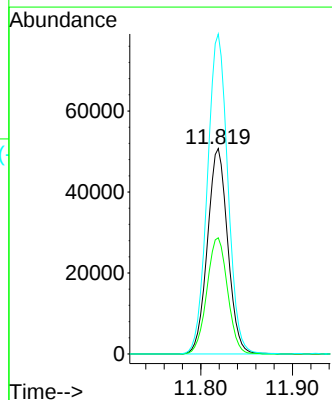
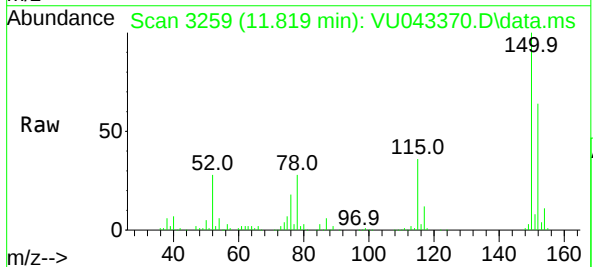
Instrument :
MSVOA_U
ClientSampleId :

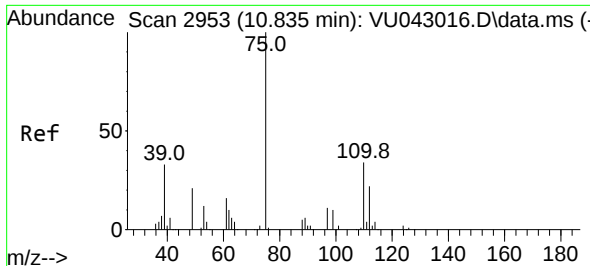
Tgt Ion:117 Resp: 164455
Ion Ratio Lower Upper
117 100
82 59.9 45.8 68.6
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Tgt Ion:152 Resp: 78020
Ion Ratio Lower Upper
152 100
115 57.6 41.5 124.6
150 156.9 0.0 342.4

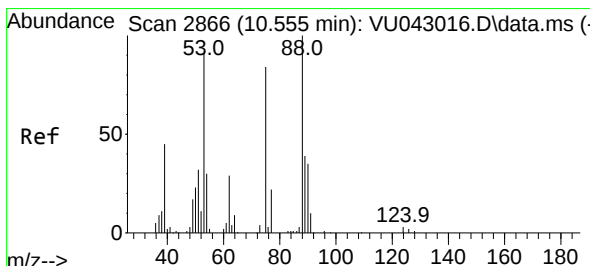
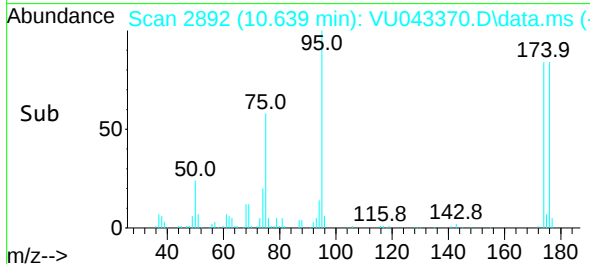
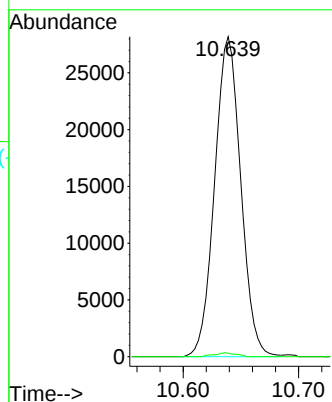
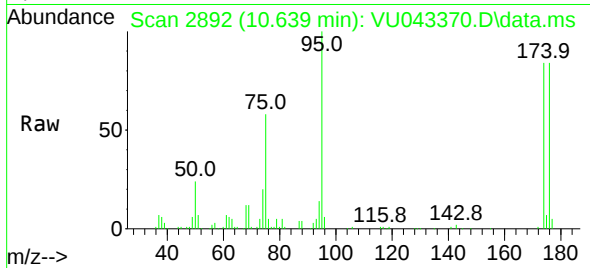




#76
1,2,3-Trichloropropane
Concen: 19.41 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 44257
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.04 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043370.D
Acq: 28 Apr 2021 01:59

Tgt Ion: 75 Resp: 44257
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

