

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043207.D
 Acq On : 19 Apr 2021 20:16
 Operator : SY/MD
 Sample : PB135814ZHE#10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:59:46 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)

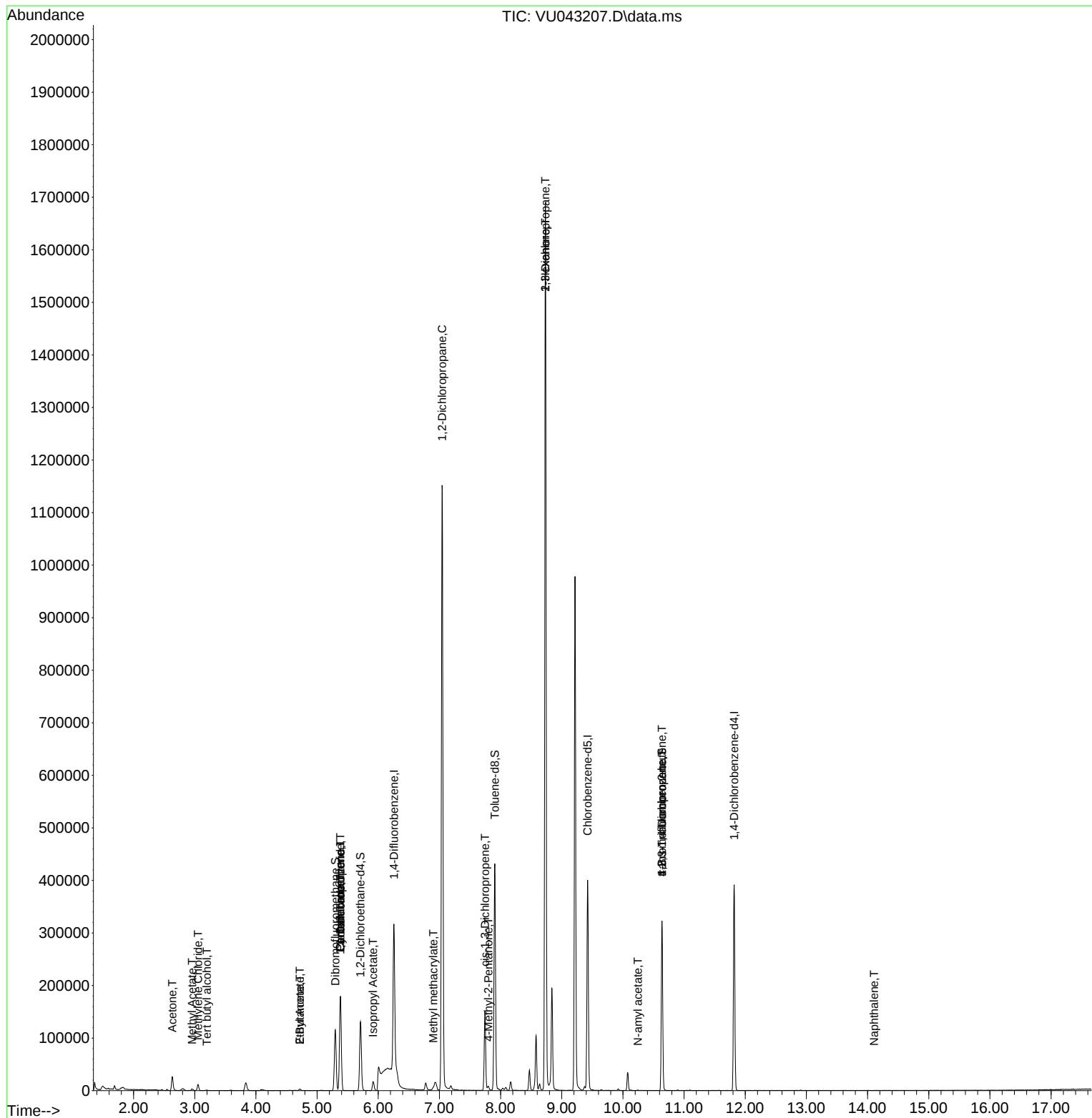
Internal Standards						
1) Pentafluorobenzene	5.382	168	120157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204651	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100782	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
35) Dibromofluoromethane	5.298	113	69938	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
50) Toluene-d8	7.906	98	261647	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	10.639	95	93374	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	535	Below Cal	#	41
11) Tert butyl alcohol	3.199	59	1196	2.30	ug/l #	94
16) Acetone	2.633	43	32427	27.01	ug/l	100
18) Methyl Acetate	2.954	43	4759	1.88	ug/l	95
20) Methylene Chloride	3.054	84	4352	3.03	ug/l #	91
25) 2-Butanone	4.716	43	4973	2.71	ug/l	99
31) Cyclohexane	5.382	56	3134	1.26	ug/l #	25
36) 1,1-Dichloropropene	5.378	75	9897	4.56	ug/l #	50
37) Ethyl Acetate	4.716	43	4973	1.34	ug/l #	71
38) Carbon Tetrachloride	5.382	117	12254	5.26	ug/l #	16
43) Isopropyl Acetate	5.915	43	19147	3.62	ug/l	95
45) 1,2-Dichloropropane	7.044	63	1234	0.71	ug/l #	43
48) Methyl methacrylate	6.899	41	7390	2.78	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	5968	1.52	ug/l #	87
54) cis-1,3-Dichloropropene	7.745	75	21493	7.90	ug/l #	72
57) 1,3-Dichloropropane	8.732	76	14819	5.20	ug/l #	43
59) 2-Hexanone	8.732	43	263656	81.74	ug/l #	53
74) N-amyl acetate	10.243	43	1012	0.25	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	54600	19.64	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	54600	57.70	ug/l #	7
95) Naphthalene	14.108	128	41	2.75	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
Data File : VU043207.D
Acq On : 19 Apr 2021 20:16
Operator : SY/MD
Sample : PB135814ZHE#10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 20 02:59:46 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

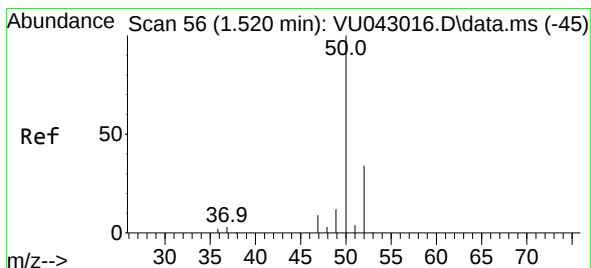
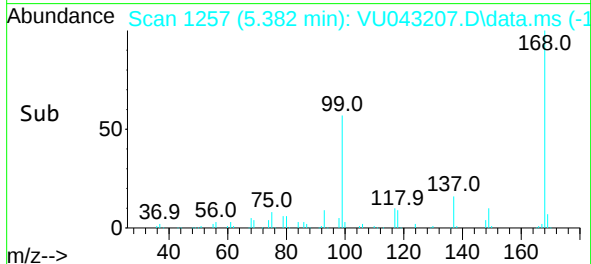
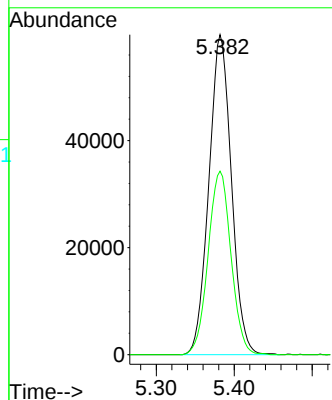
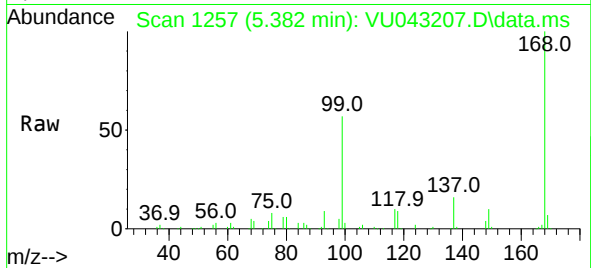




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

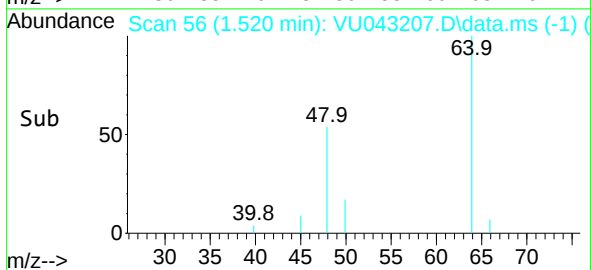
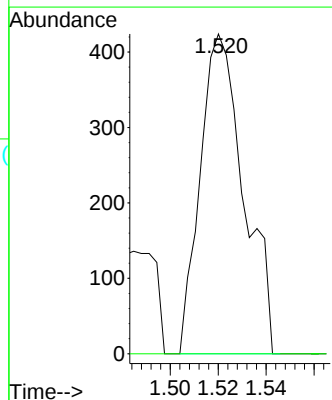
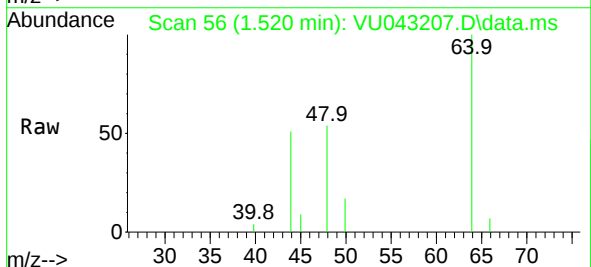
Instrument :
MSVOA_U
ClientSampleId :

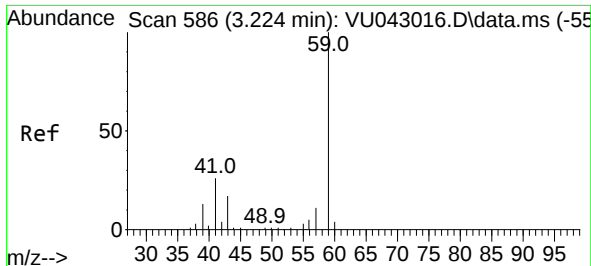
Tgt Ion:168 Resp: 120157
Ion Ratio Lower Upper
168 100
99 57.3 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

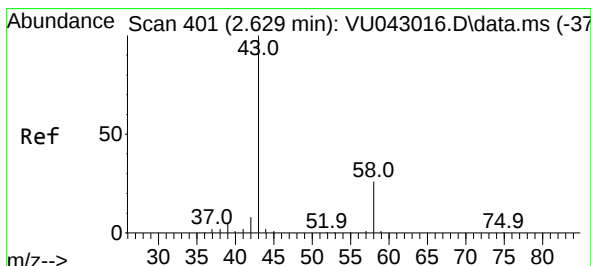
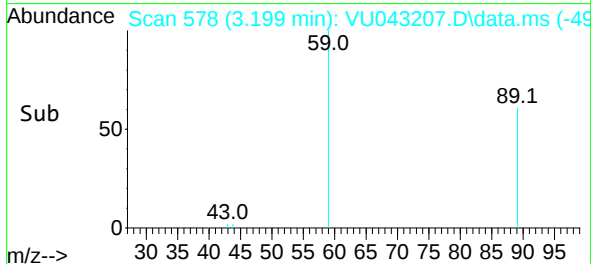
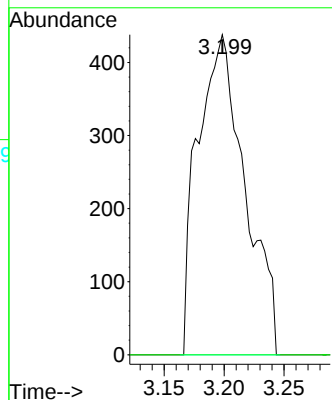
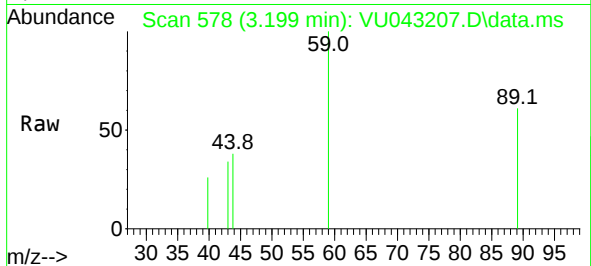




#11
Tert butyl alcohol
Concen: 2.30 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.026 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

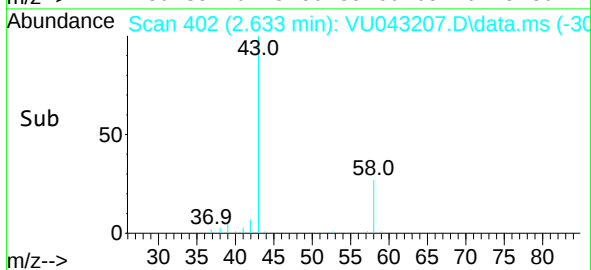
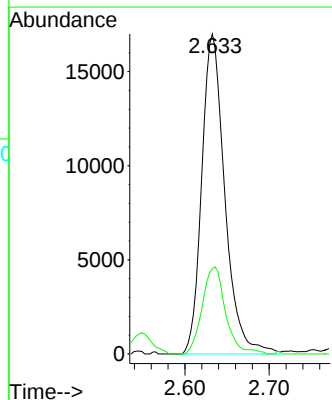
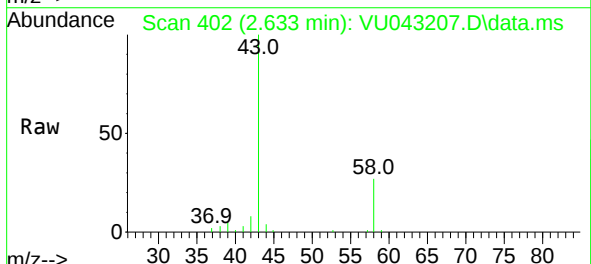
Instrument :
MSVOA_U
ClientSampleId :

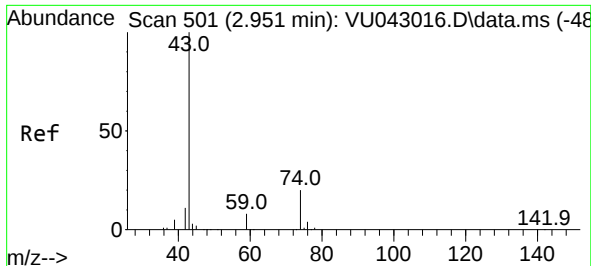
Tgt Ion: 59 Resp: 1196
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 27.01 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

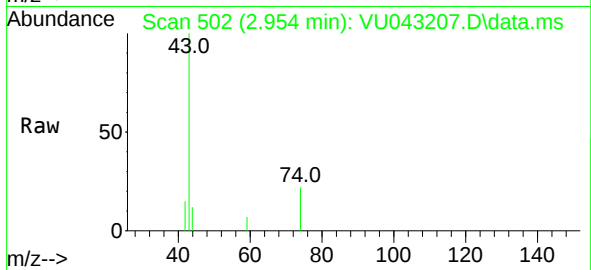
Tgt Ion: 43 Resp: 32427
Ion Ratio Lower Upper
43 100
58 26.7 21.5 32.3



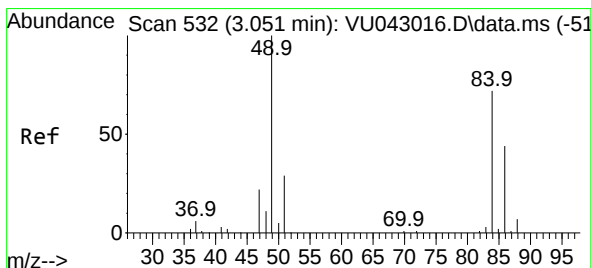
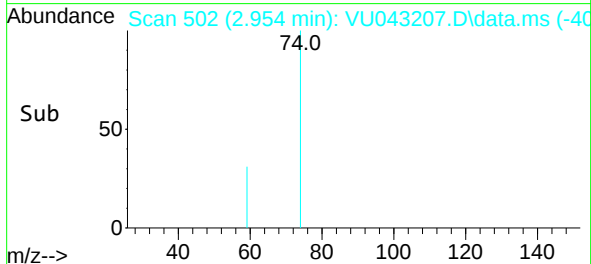
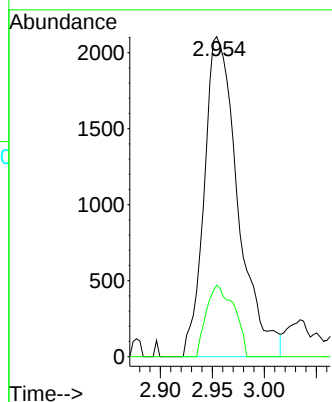


#18
Methyl Acetate
Concen: 1.88 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Instrument :
MSVOA_U
ClientSampled :

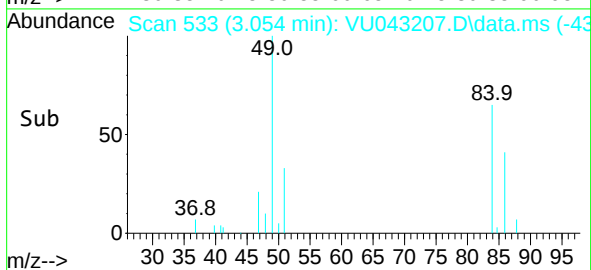
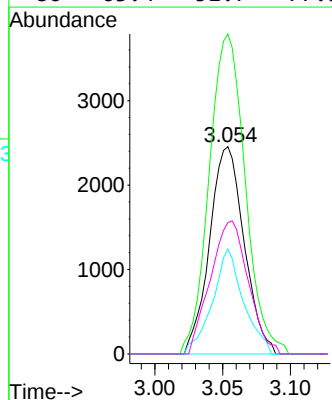
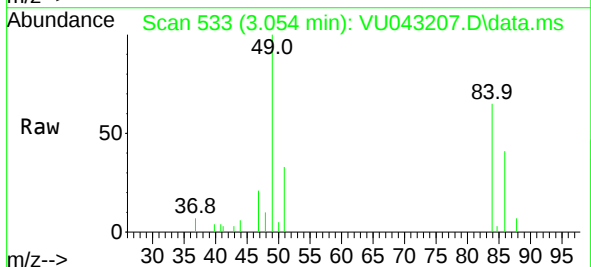


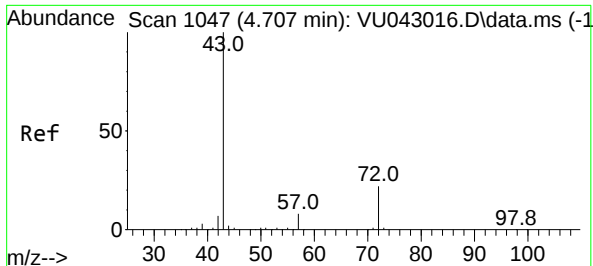
Tgt Ion: 43 Resp: 4759
Ion Ratio Lower Upper
43 100
74 18.4 16.6 25.0



#20
Methylene Chloride
Concen: 3.03 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 84 Resp: 4352
Ion Ratio Lower Upper
84 100
49 154.4 112.6 169.0
51 50.7 33.7 50.5#
86 63.4 51.7 77.5

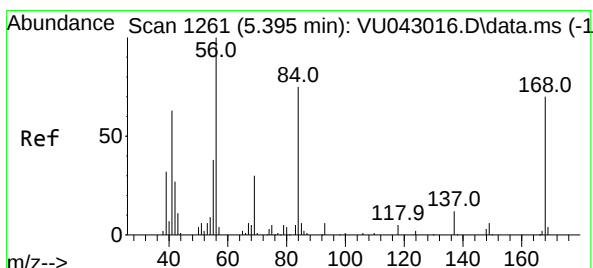
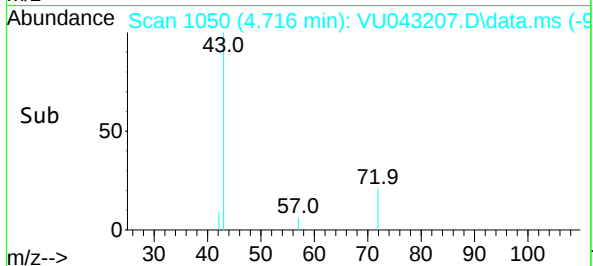
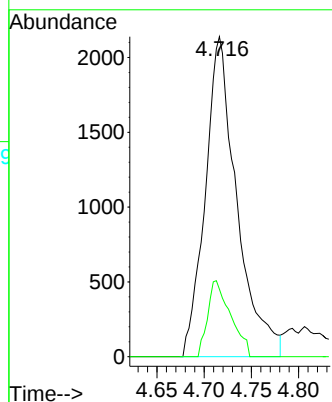
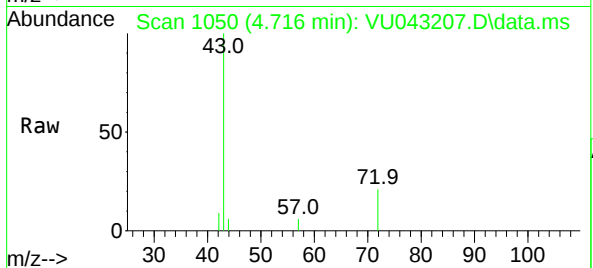




#25
2-Butanone
Concen: 2.71 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

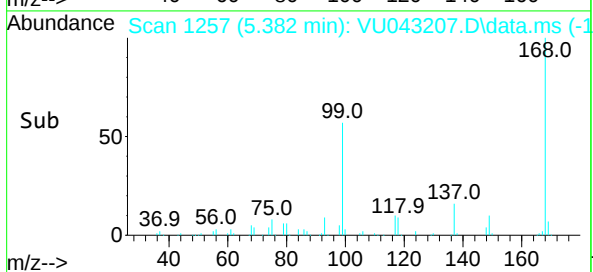
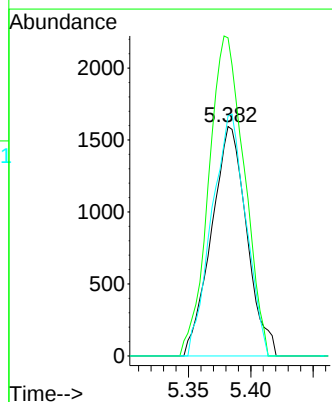
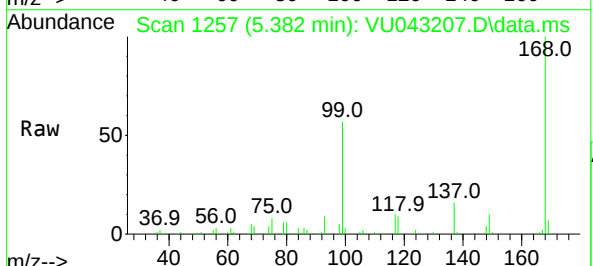
Instrument :
MSVOA_U
ClientSampled :

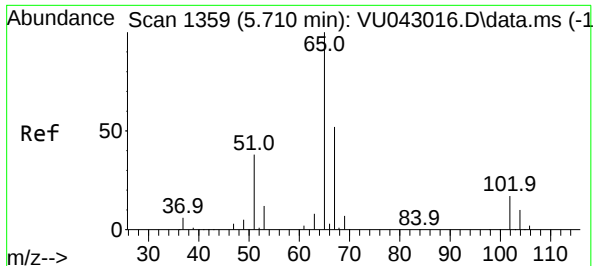
Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
72 21.1 17.4 26.0



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 56 Resp: 3134
Ion Ratio Lower Upper
56 100
69 138.6 24.9 37.3#
84 104.6 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 49.89 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043207.D

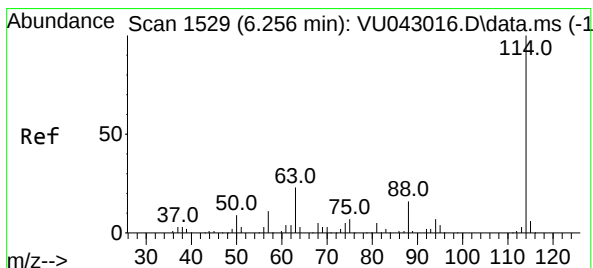
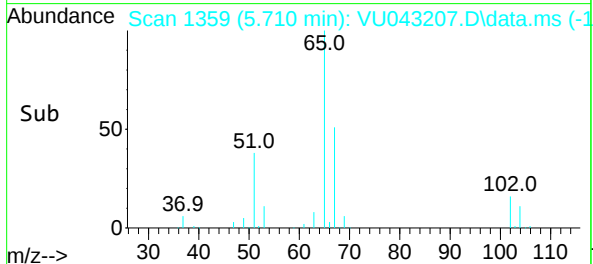
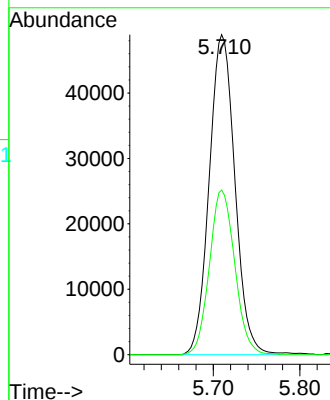
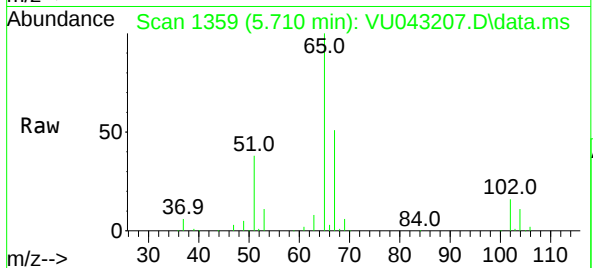
Acq: 19 Apr 2021 20:16

Tgt Ion: 65 Resp: 100782

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043207.D

Acq: 19 Apr 2021 20:16

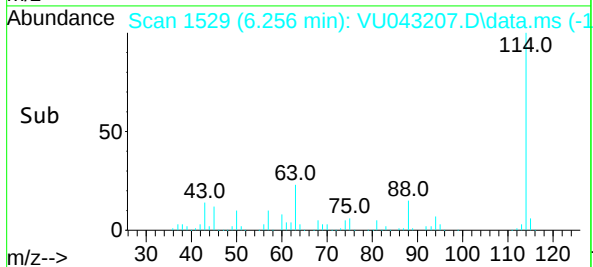
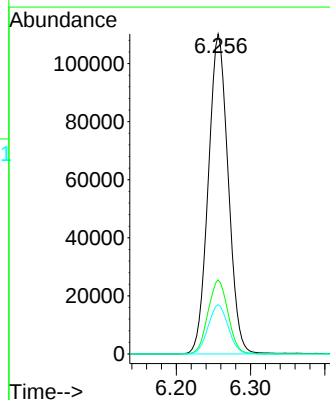
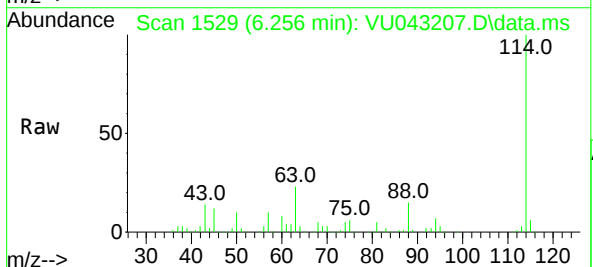
Tgt Ion: 114 Resp: 204651

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

88 15.4 0.0 33.4

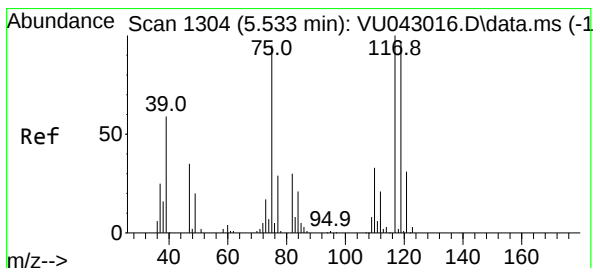
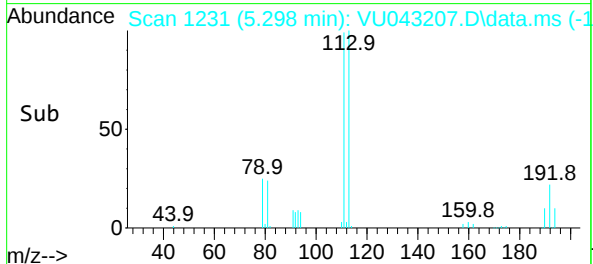
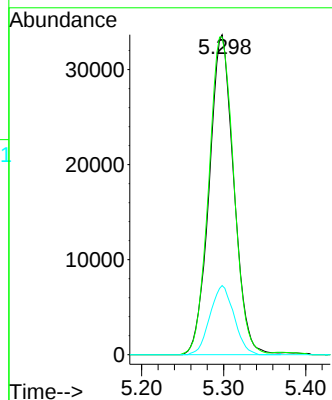
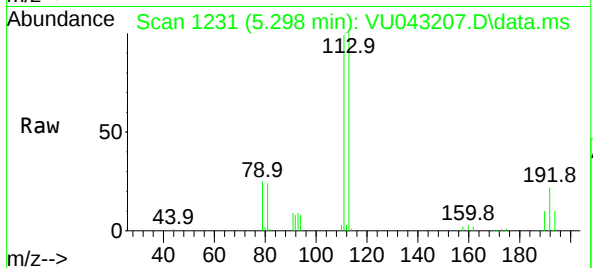




#35
Dibromofluoromethane
Concen: 45.48 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

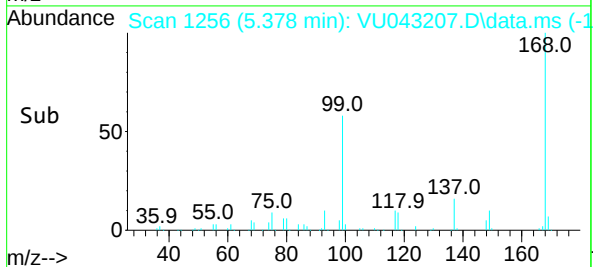
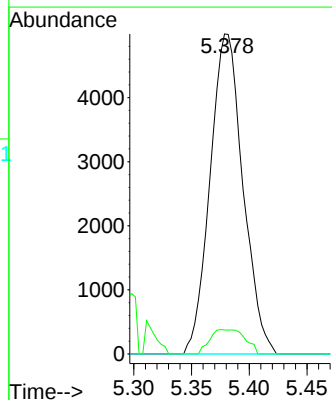
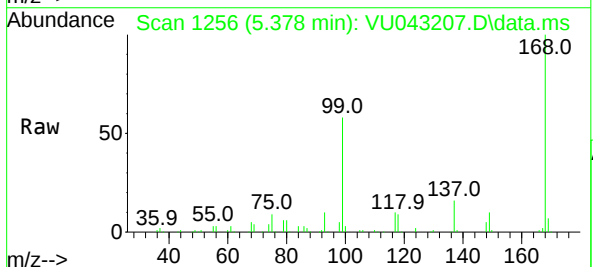
Instrument :
MSVOA_U
ClientSampleId :

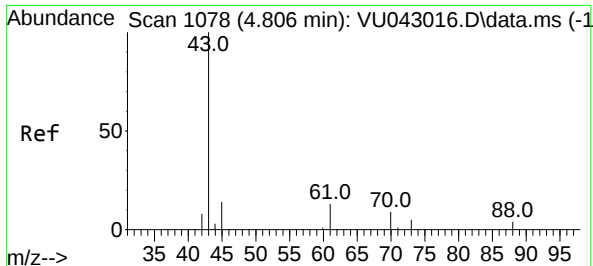
Tgt Ion:113 Resp: 69938
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 21.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 75 Resp: 9897
Ion Ratio Lower Upper
75 100
110 8.1 16.8 50.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.34 ug/l

RT: 4.716 min Scan# 1050

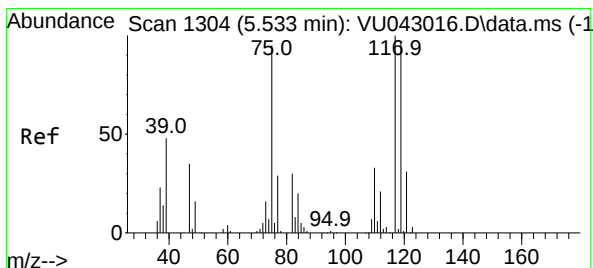
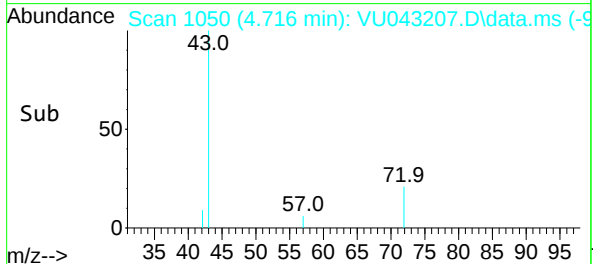
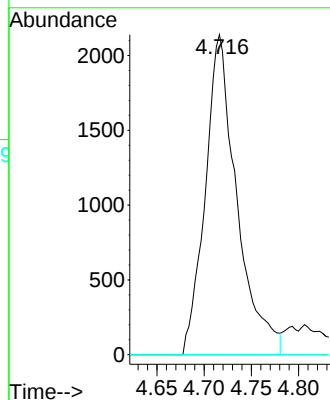
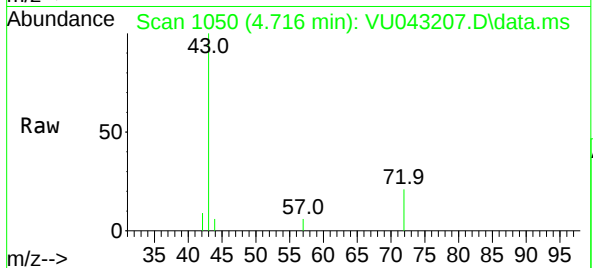
Delta R.T. -0.090 min

Lab File: VU043207.D

Acq: 19 Apr 2021 20:16

Tgt Ion: 43	Resp: 4973
Ion Ratio	Lower Upper
43 100	
61 0.0	10.1 15.1#
70 0.0	7.2 10.8#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.26 ug/l

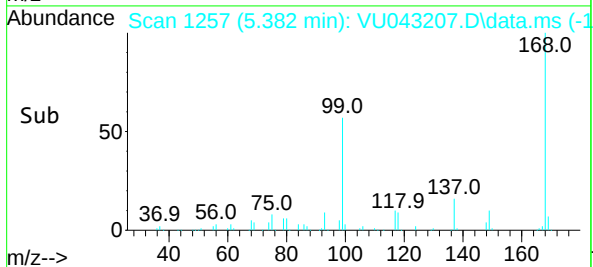
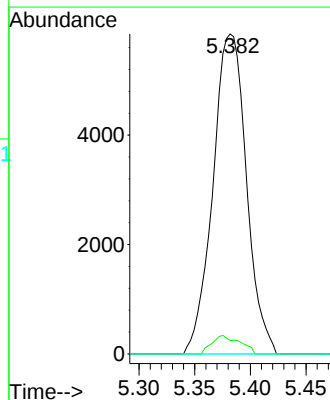
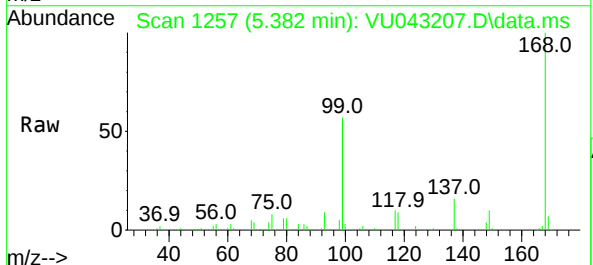
RT: 5.382 min Scan# 1257

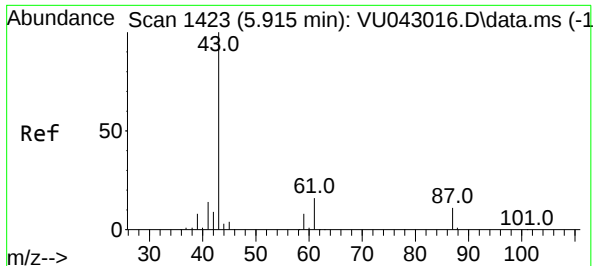
Delta R.T. -0.151 min

Lab File: VU043207.D

Acq: 19 Apr 2021 20:16

Tgt Ion: 117	Resp: 12254
Ion Ratio	Lower Upper
117 100	
119 4.2	75.5 113.3#
121 0.0	24.7 37.1#



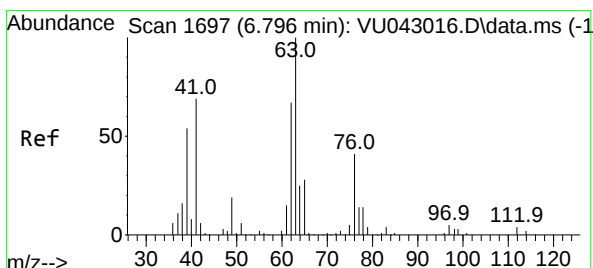
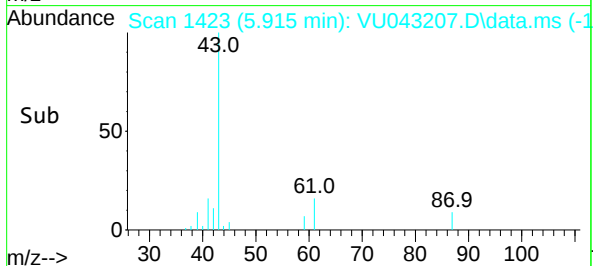
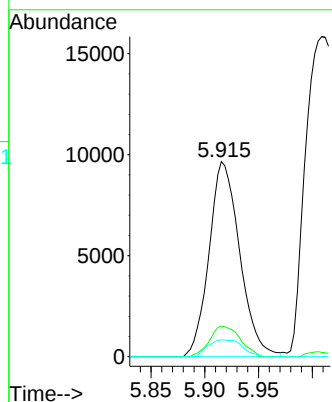
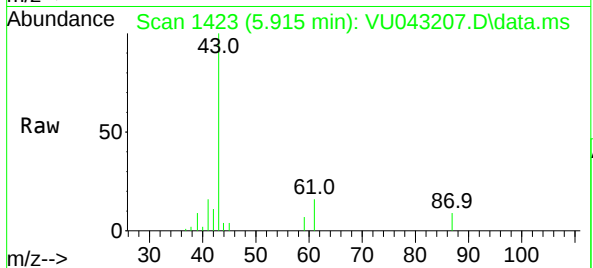


#43

Isopropyl Acetate
 Concen: 3.62 ug/l
 RT: 5.915 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VU043207.D
 Acq: 19 Apr 2021 20:16

Instrument :
 MSVOA_U
 ClientSampleId :

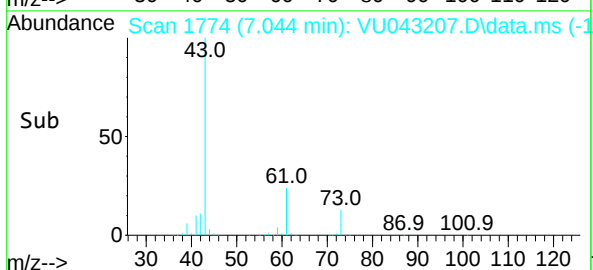
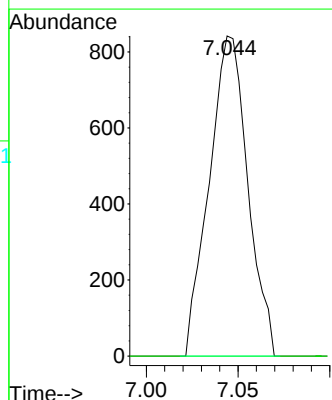
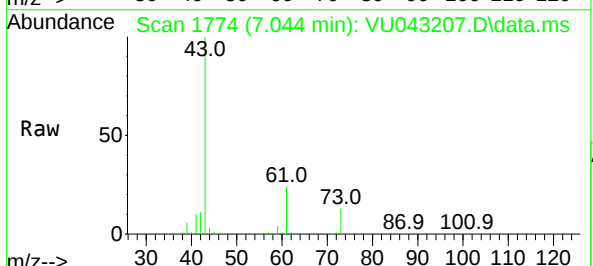
Tgt Ion:	43	Resp:	19147
Ion	Ratio	Lower	Upper
43	100		
61	15.6	14.4	21.6
87	9.6	8.8	13.2

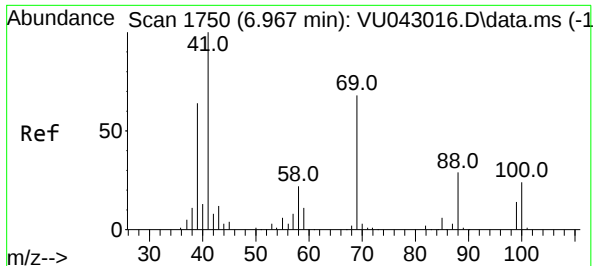


#45

1,2-Dichloropropane
 Concen: 0.71 ug/l
 RT: 7.044 min Scan# 1774
 Delta R.T. 0.248 min
 Lab File: VU043207.D
 Acq: 19 Apr 2021 20:16

Tgt Ion:	63	Resp:	1234
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.2#





#48

Methyl methacrylate

Concen: 2.78 ug/l

RT: 6.899 min Scan# 1729

Delta R.T. -0.068 min

Lab File: VU043207.D

Acq: 19 Apr 2021 20:16

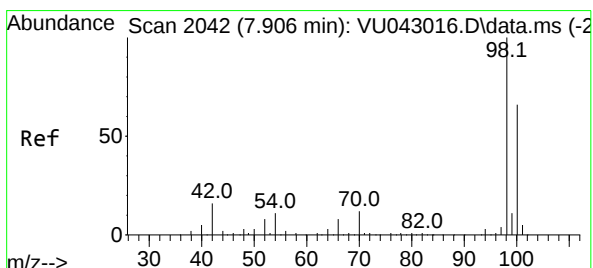
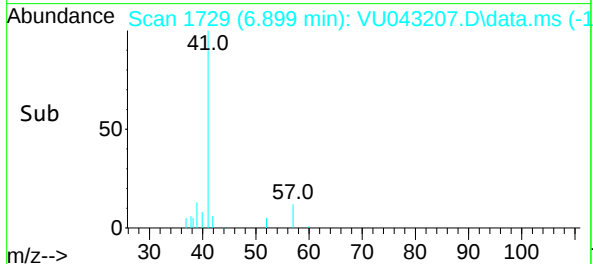
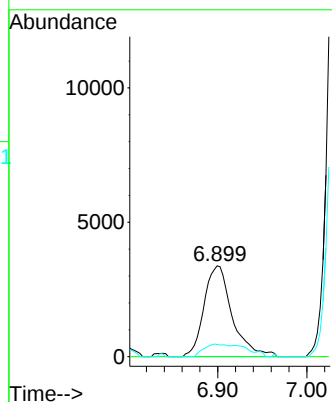
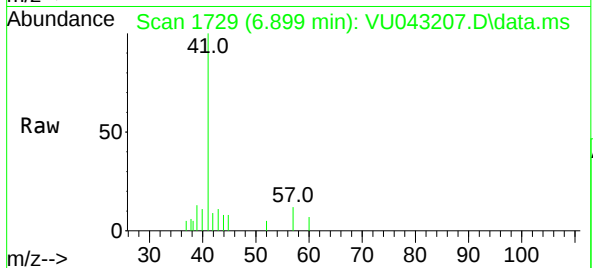
Tgt Ion: 41 Resp: 7390

Ion Ratio Lower Upper

41 100

69 0.0 57.0 85.6#

39 0.0 48.4 72.6#



#50

Toluene-d8

Concen: 48.08 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043207.D

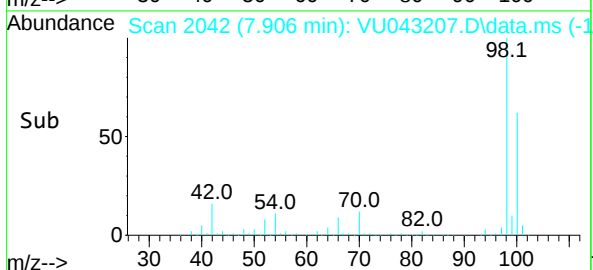
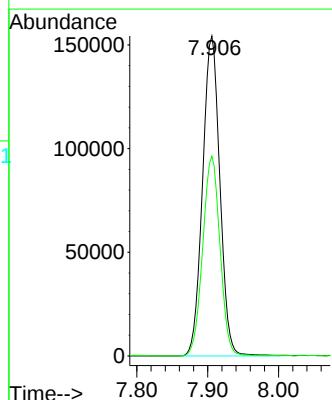
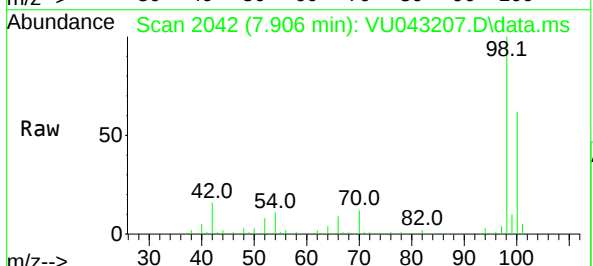
Acq: 19 Apr 2021 20:16

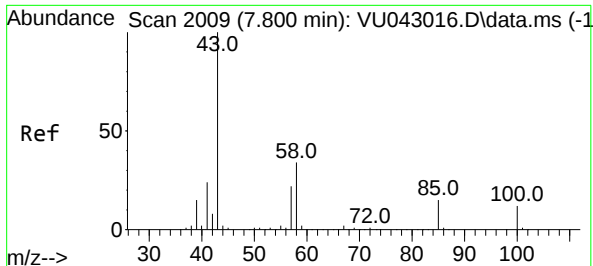
Tgt Ion: 98 Resp: 261647

Ion Ratio Lower Upper

98 100

100 62.3 50.2 75.2

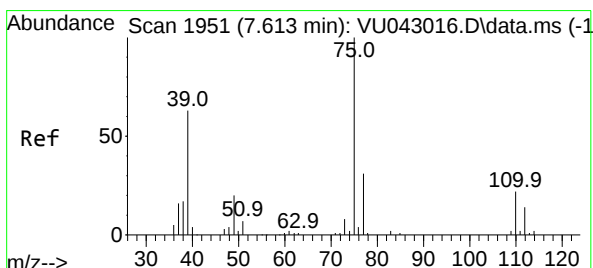
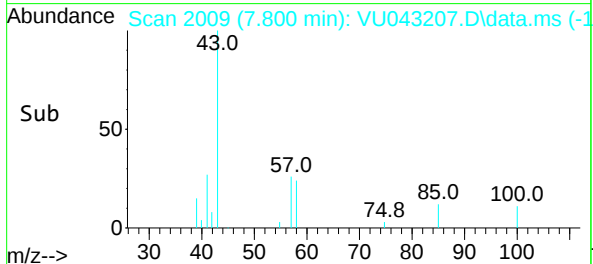
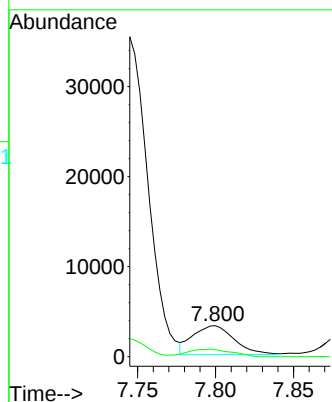
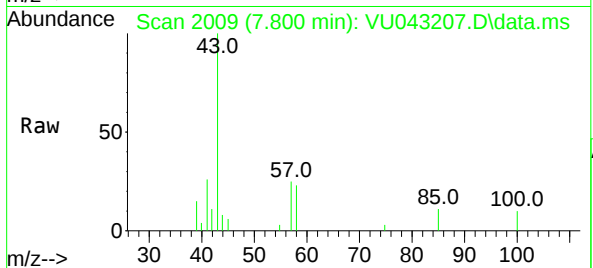




#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

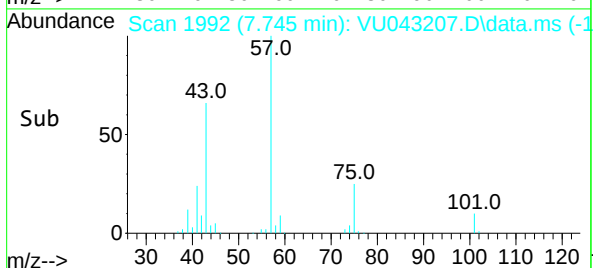
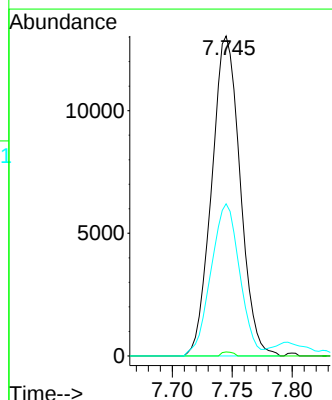
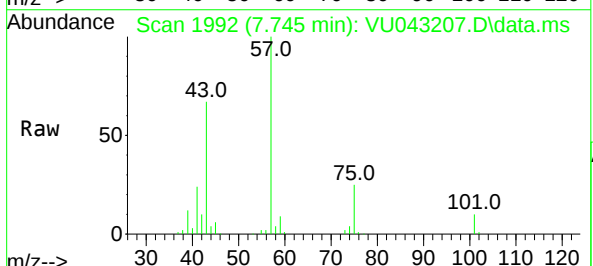
Instrument :
MSVOA_U
ClientSampled :

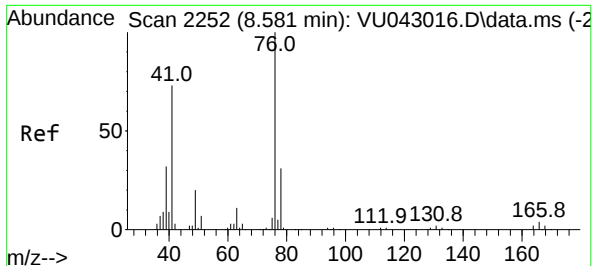
Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
58 27.3 28.1 42.1#



#54
cis-1,3-Dichloropropene
Concen: 7.90 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 75 Resp: 21493
Ion Ratio Lower Upper
75 100
77 1.3 24.6 37.0#
39 47.6 46.1 69.1



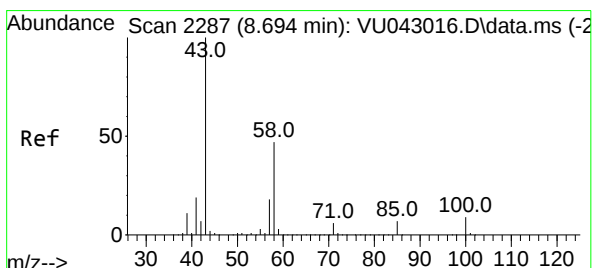
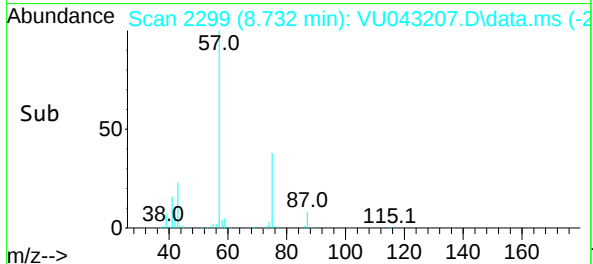
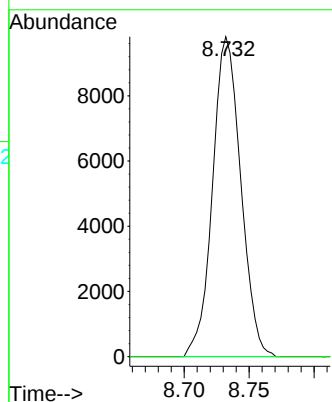
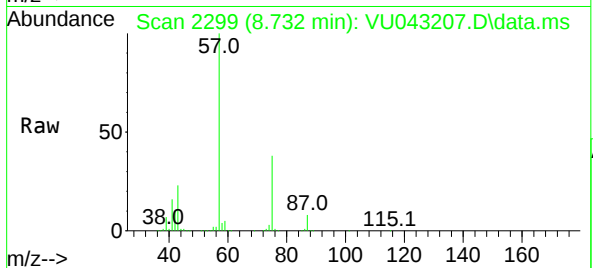


#57

1,3-Dichloropropane
Concen: 5.20 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Instrument :
MSVOA_U
ClientSampled :

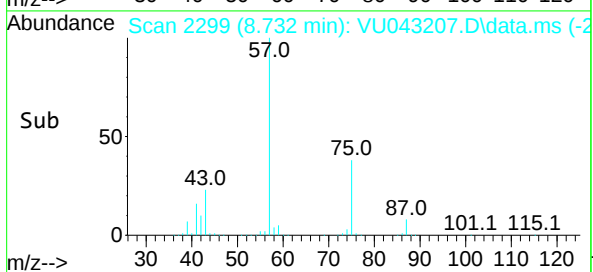
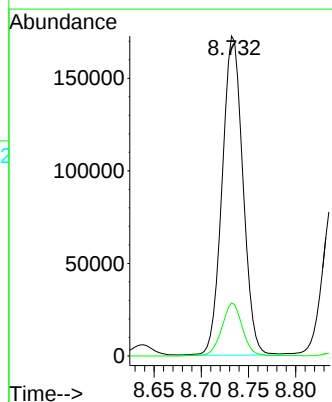
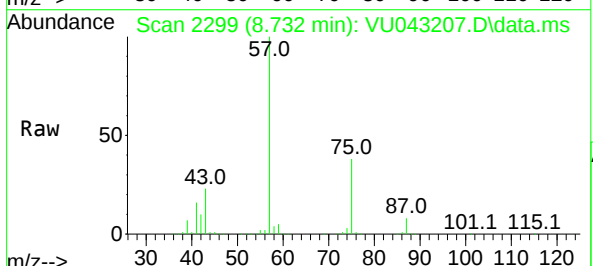
Tgt Ion: 76 Resp: 14819
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

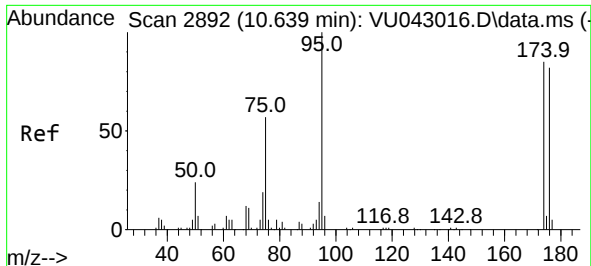


#59

2-Hexanone
Concen: 81.74 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 43 Resp: 263656
Ion Ratio Lower Upper
43 100
58 16.5 24.0 72.0#

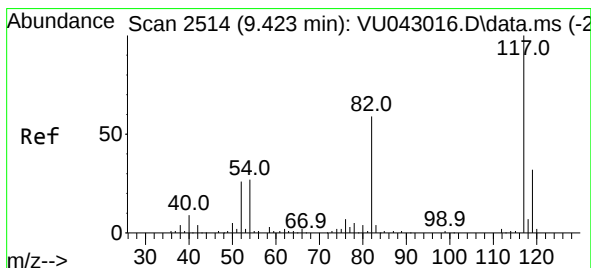
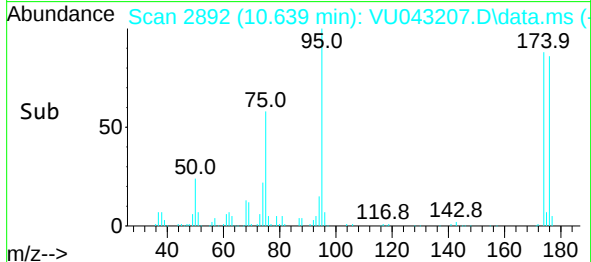
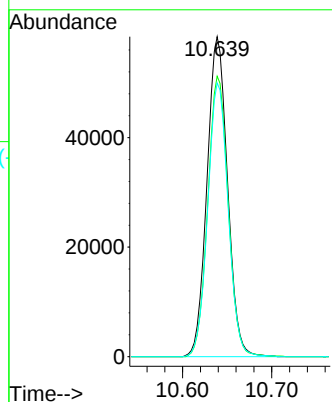
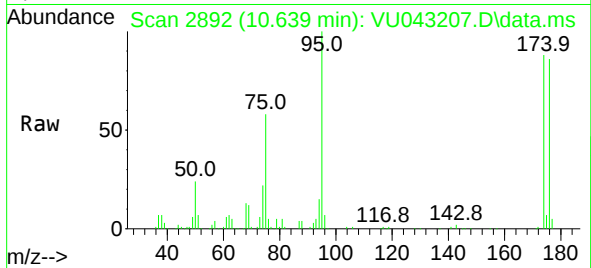




#62
4-Bromofluorobenzene
Concen: 42.85 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

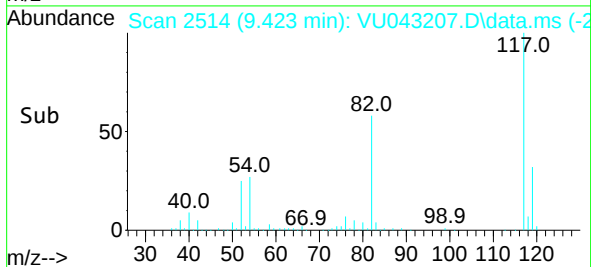
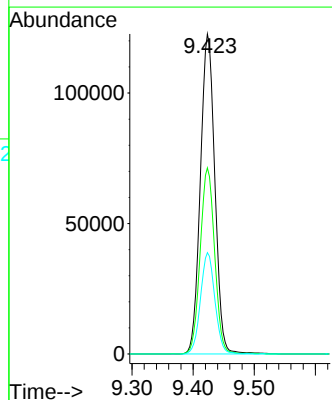
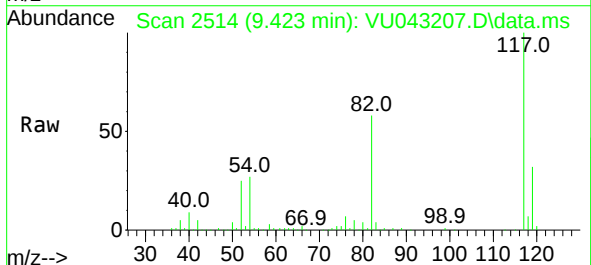
Instrument :
MSVOA_U
ClientSampleId :

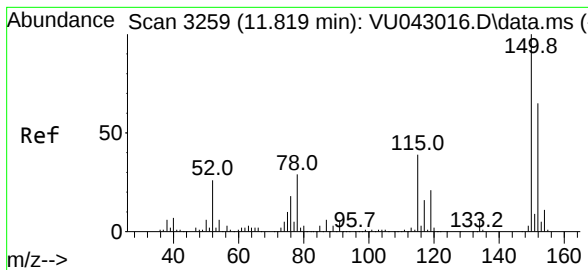
Tgt Ion: 95 Resp: 93374
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.2
176 84.9 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Tgt Ion: 117 Resp: 201964
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.6
119 31.6 25.8 38.8

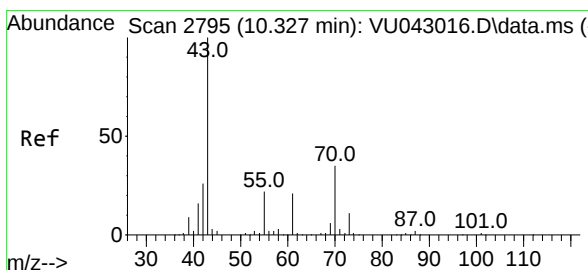
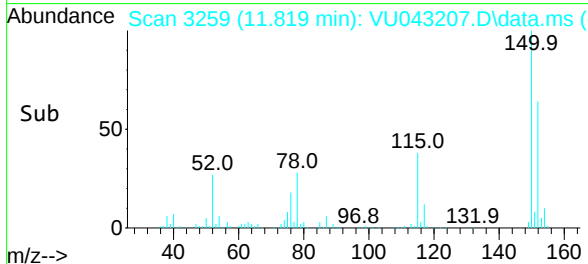
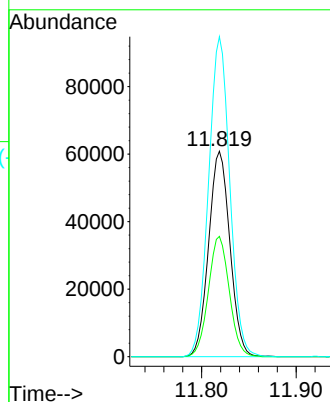
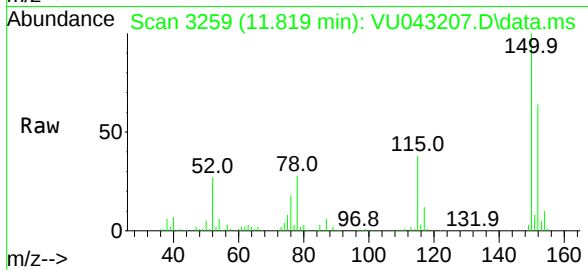




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043207.D
 Acq: 19 Apr 2021 20:16

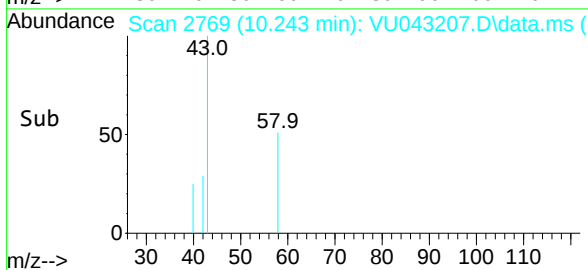
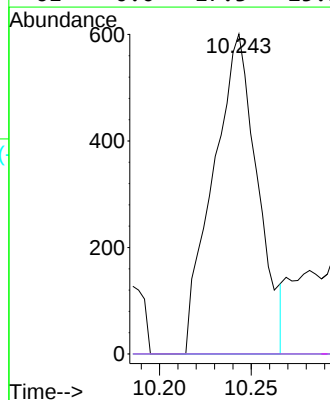
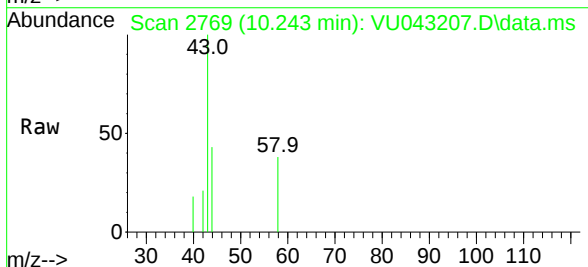
Instrument :
 MSVOA_U
 ClientSampleId :

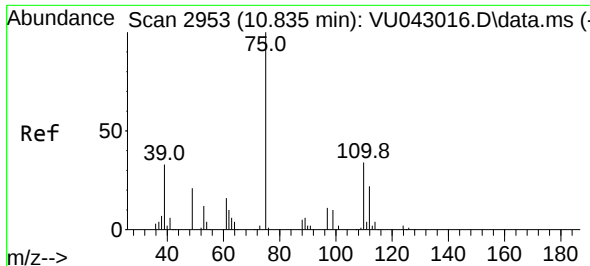
Tgt Ion:152 Resp: 95146
 Ion Ratio Lower Upper
 152 100
 115 57.6 41.5 124.6
 150 154.9 0.0 342.4



#74
 N-ethyl acetate
 Concen: 0.25 ug/l
 RT: 10.243 min Scan# 2769
 Delta R.T. -0.084 min
 Lab File: VU043207.D
 Acq: 19 Apr 2021 20:16

Tgt Ion: 43 Resp: 1012
 Ion Ratio Lower Upper
 43 100
 70 0.0 28.3 42.5#
 55 0.0 17.2 25.8#
 61 0.0 17.3 25.9#

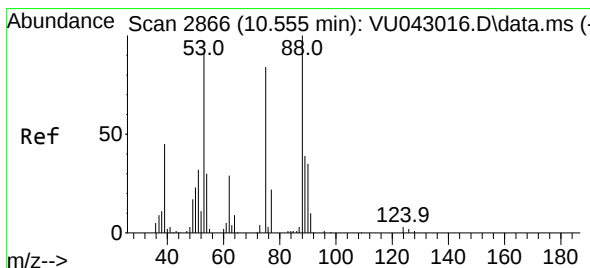
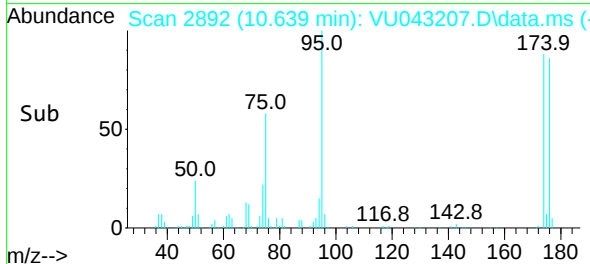
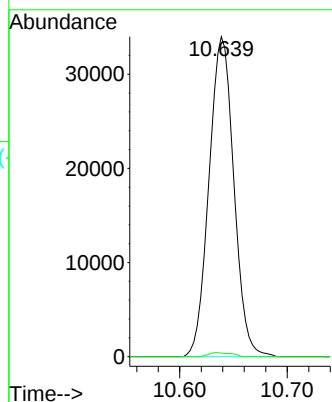
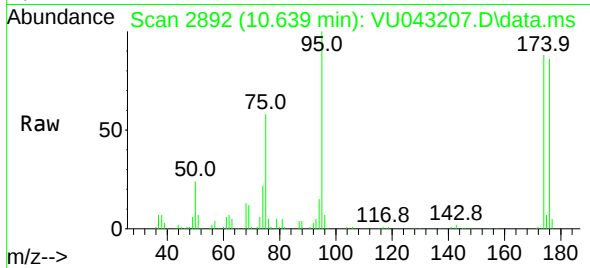




#76
1,2,3-Trichloropropane
Concen: 19.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

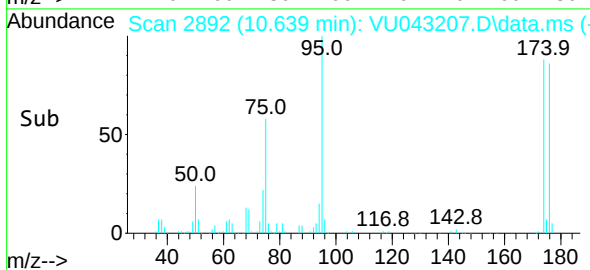
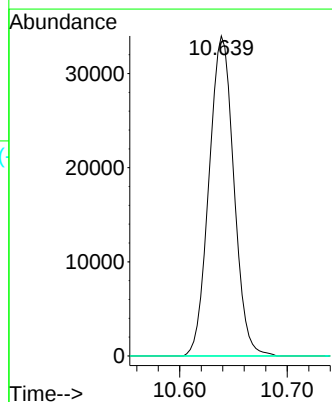
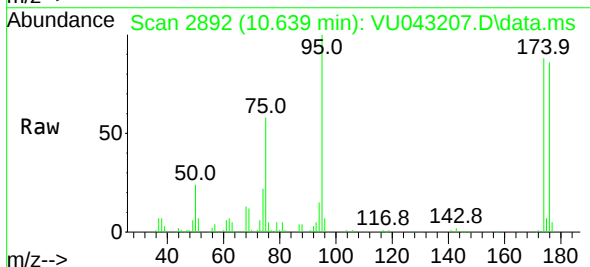
Instrument :
MSVOA_U
ClientSampled :

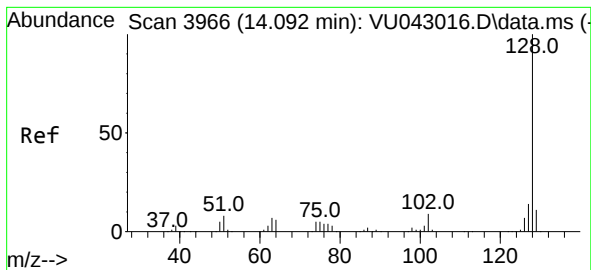
Tgt Ion: 75 Resp: 54600
Ion Ratio Lower Upper
75 100
77 1.2 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

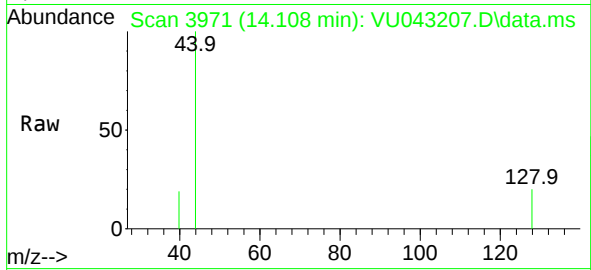
Tgt Ion: 75 Resp: 54600
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.016 min
Lab File: VU043207.D
Acq: 19 Apr 2021 20:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 41
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

