

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043093.D
 Acq On : 14 Apr 2021 14:45
 Operator : SY/MD
 Sample : M1983-03MEDL 10X
 Misc : 2.23g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:05:12 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)

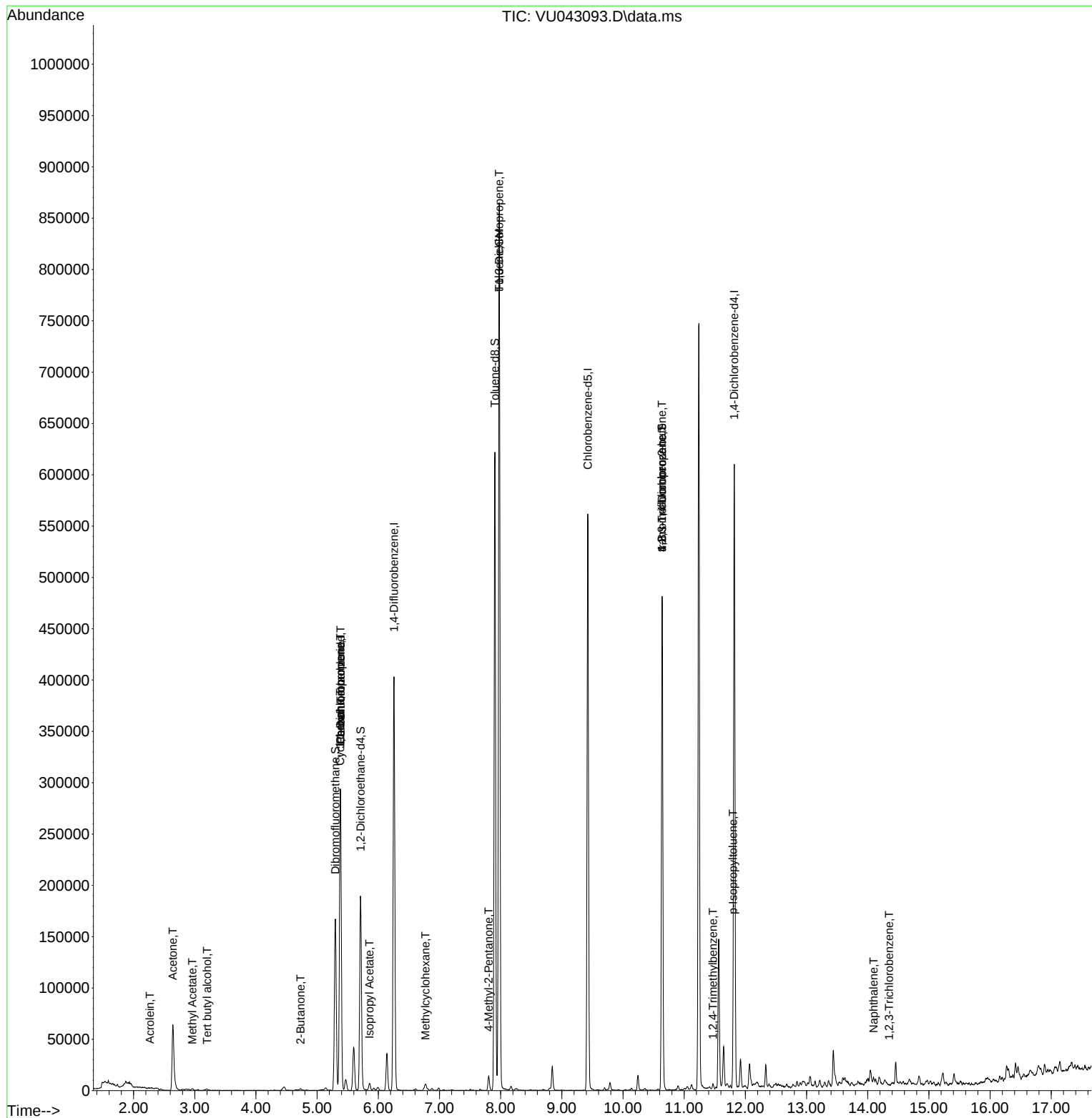
Internal Standards						
1) Pentafluorobenzene	5.382	168	185027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	306862	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	288449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	147476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	147736	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.298	113	103913	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
50) Toluene-d8	7.906	98	383231	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	10.639	95	146719	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	891	Below Cal		100
11) Tert butyl alcohol	3.202	59	1171	1.46 ug/l #		94
13) Acrolein	2.266	56	40	10.50 ug/l #		14
16) Acetone	2.642	43	95408	51.88 ug/l		99
18) Methyl Acetate	2.961	43	2417	0.62 ug/l #		86
25) 2-Butanone	4.729	43	3070	1.09 ug/l		95
31) Cyclohexane	5.375	56	9215	2.40 ug/l #		60
36) 1,1-Dichloropropene	5.378	75	15009	4.61 ug/l #		50
38) Carbon Tetrachloride	5.382	117	18038	5.17 ug/l #		17
39) Methylcyclohexane	6.771	83	2182	0.61 ug/l		93
43) Isopropyl Acetate	5.858	43	3414	0.43 ug/l #		64
51) 4-Methyl-2-Pentanone	7.803	43	10381	1.77 ug/l		92
52) Toluene	7.976	92	332884	57.73 ug/l		99
53) t-1,3-Dichloropropene	7.976	75	4609	1.15 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	82836	19.22 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	82836	56.48 ug/l #		7
84) 1,2,4-Trimethylbenzene	11.472	105	2443	0.27 ug/l		88
86) p-Isopropyltoluene	11.799	119	10799	1.17 ug/l		99
95) Naphthalene	14.095	128	2438	2.96 ug/l #		93
96) 1,2,3-Trichlorobenzene	14.349	180	19	1.47 ug/l #		1

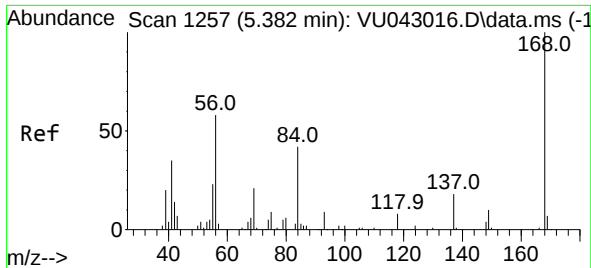
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 15 02:05:12 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

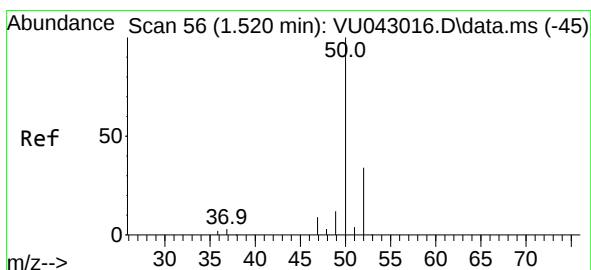
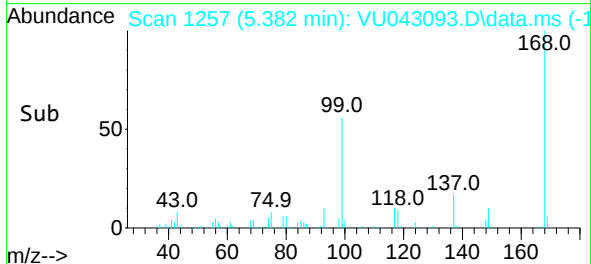
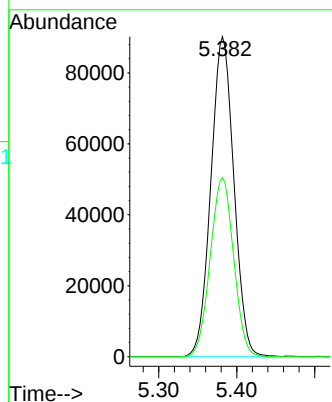
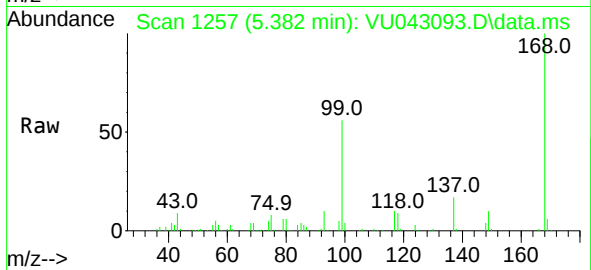




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

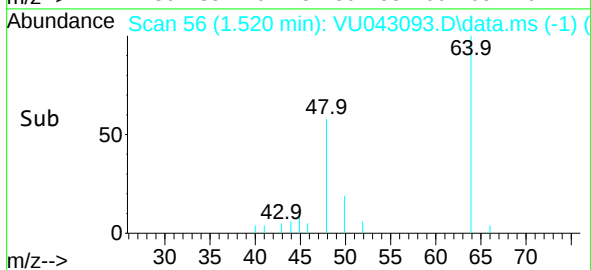
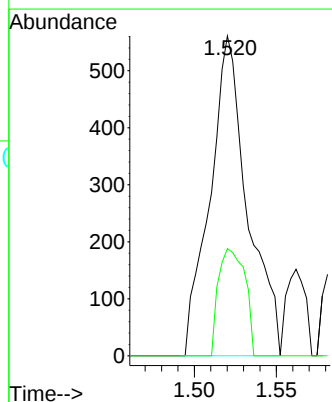
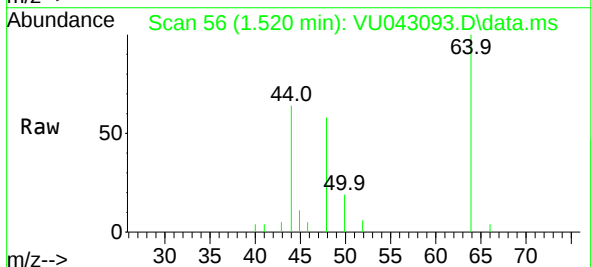
Instrument :
MSVOA_U
ClientSampled :

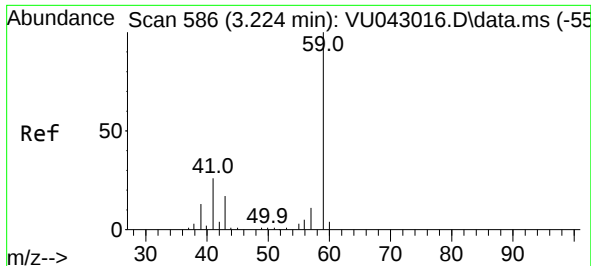
Tgt Ion:168 Resp: 185027
Ion Ratio Lower Upper
168 100
99 56.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 50 Resp: 891
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



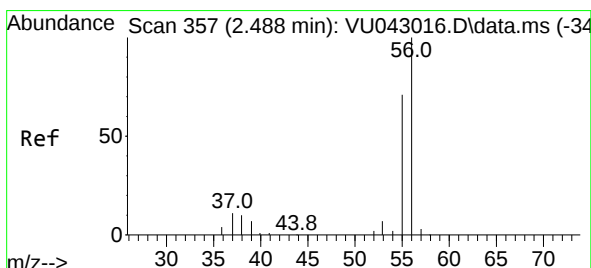
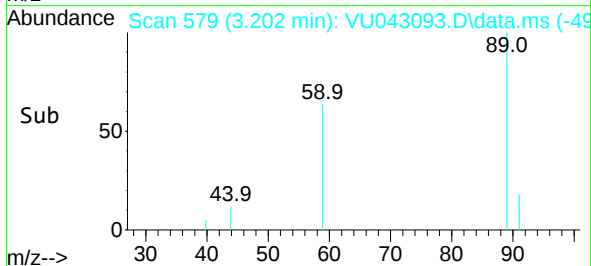
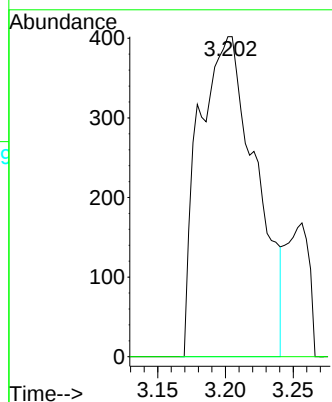
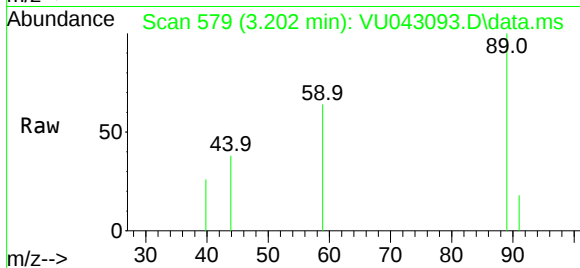


#11

Tert butyl alcohol
Concen: 1.46 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.022 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Instrument :
MSVOA_U
ClientSampleId :

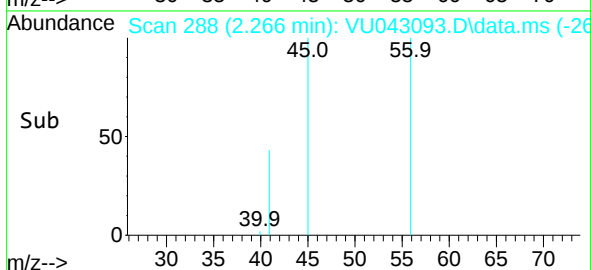
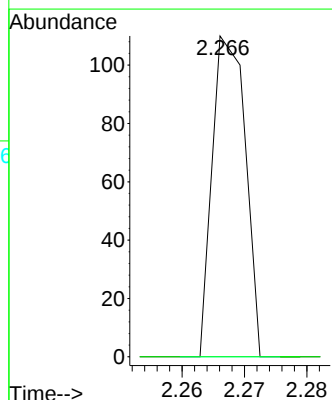
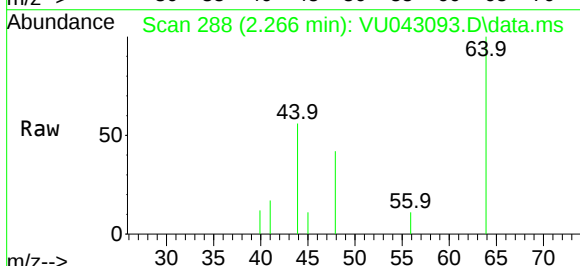
Tgt Ion: 59 Resp: 1171
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#13

Acrolein
Concen: 10.50 ug/l
RT: 2.266 min Scan# 288
Delta R.T. -0.222 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#

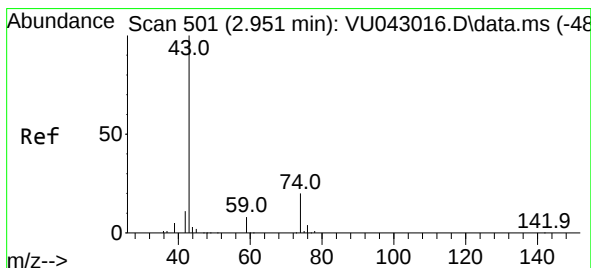
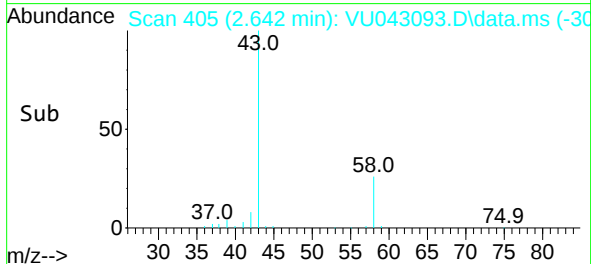
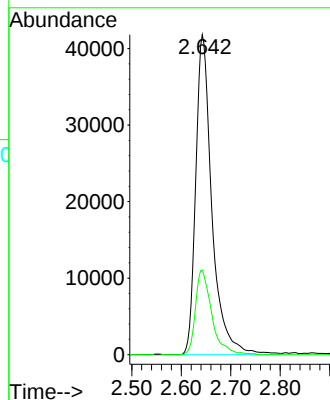
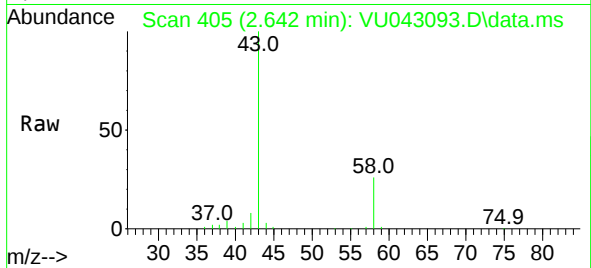




#16
Acetone
Concen: 51.88 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

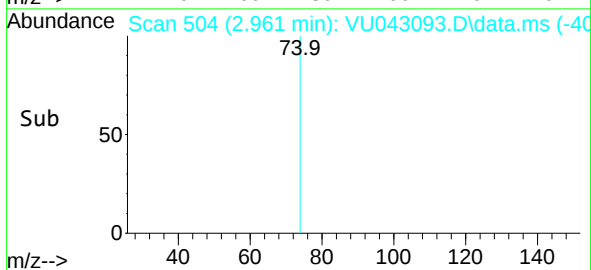
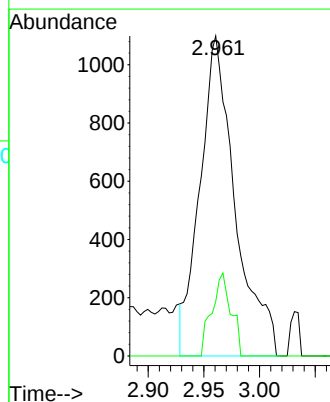
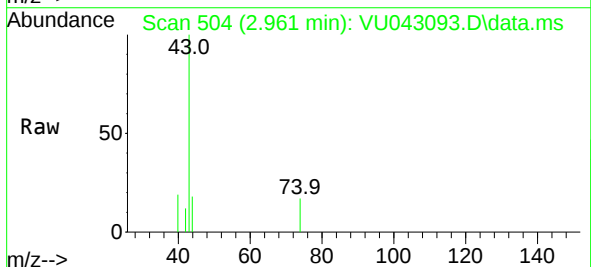
Instrument :
MSVOA_U
ClientSampled :

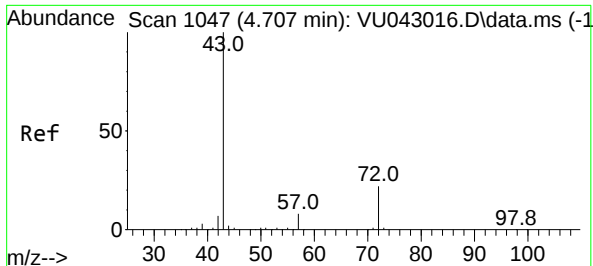
Tgt Ion: 43 Resp: 95408
Ion Ratio Lower Upper
43 100
58 26.4 21.5 32.3



#18
Methyl Acetate
Concen: 0.62 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 43 Resp: 2417
Ion Ratio Lower Upper
43 100
74 14.1 16.6 25.0#





#25

2-Butanone

Concen: 1.09 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.022 min

Lab File: VU043093.D

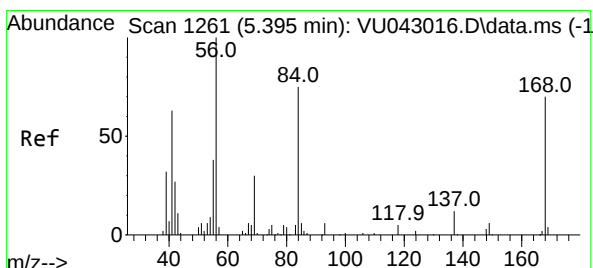
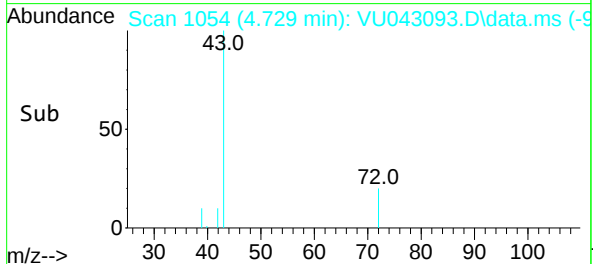
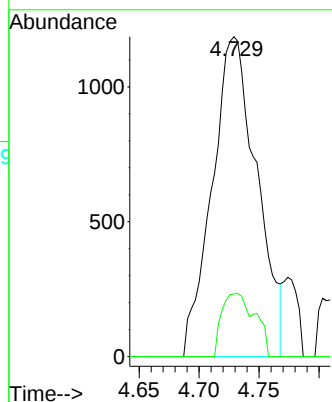
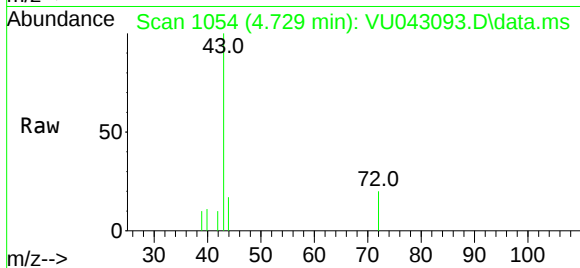
Acq: 14 Apr 2021 14:45

Tgt Ion: 43 Resp: 3070

Ion Ratio Lower Upper

43 100

72 19.6 17.4 26.0



#31

Cyclohexane

Concen: 2.40 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.020 min

Lab File: VU043093.D

Acq: 14 Apr 2021 14:45

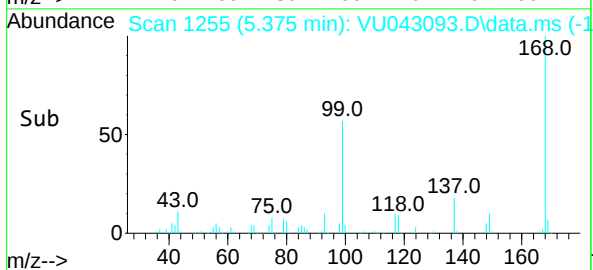
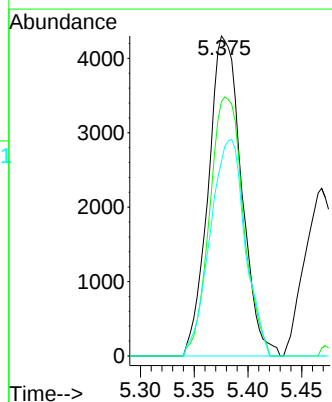
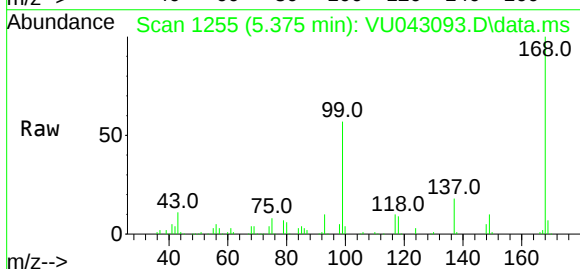
Tgt Ion: 56 Resp: 9215

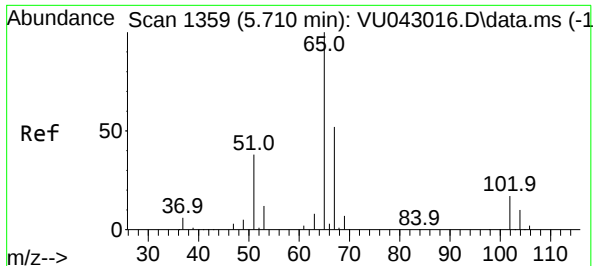
Ion Ratio Lower Upper

56 100

69 79.5 24.9 37.3#

84 60.8 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 47.50 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043093.D

Acq: 14 Apr 2021 14:45

Tgt Ion: 65 Resp: 147736

Ion Ratio Lower Upper

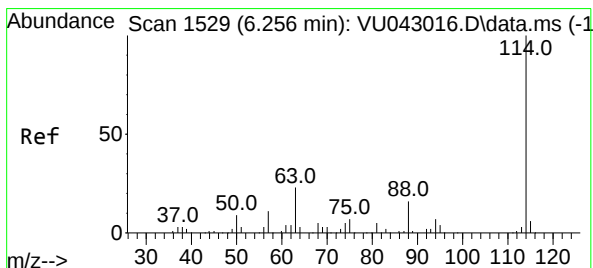
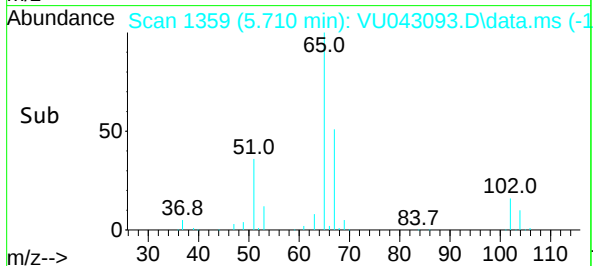
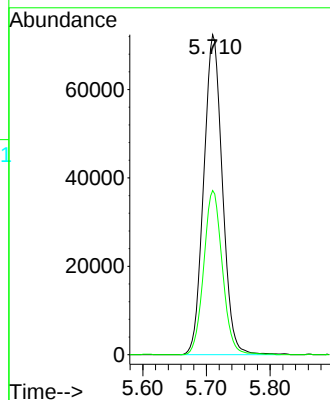
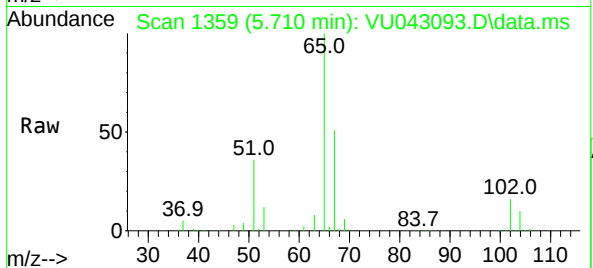
65 100

67 51.2 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043093.D

Acq: 14 Apr 2021 14:45

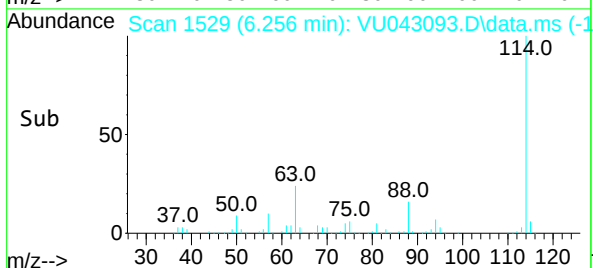
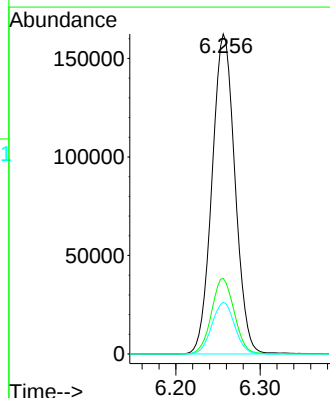
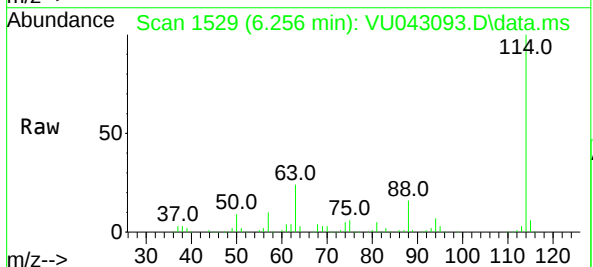
Tgt Ion: 114 Resp: 306862

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

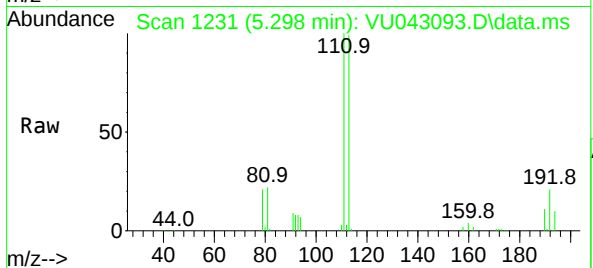
88 16.2 0.0 33.4



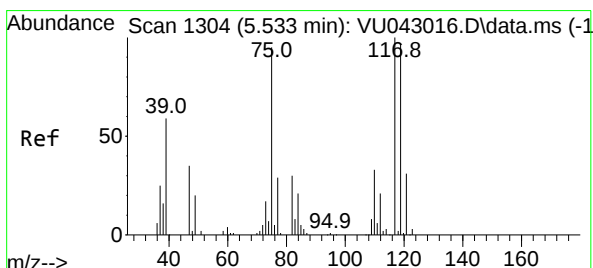
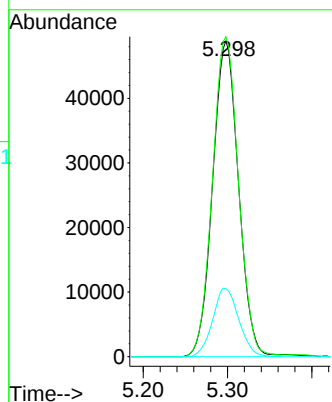
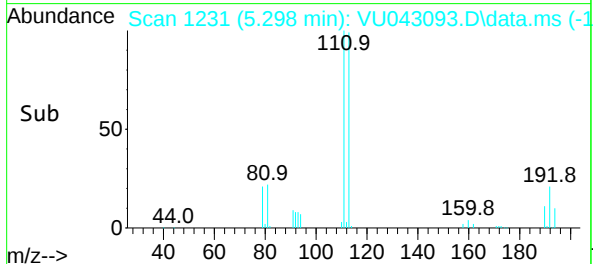


#35
Dibromofluoromethane
Concen: 45.07 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

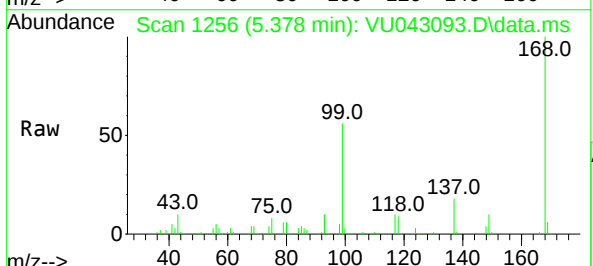
Instrument :
MSVOA_U
ClientSampled :



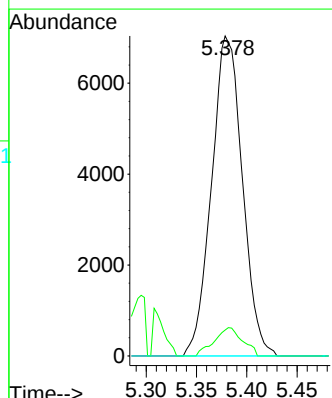
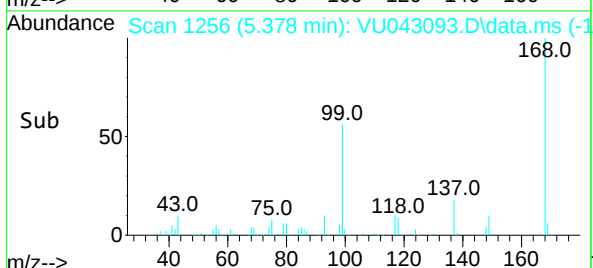
Tgt Ion:113 Resp: 103913
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 21.9 17.2 25.8

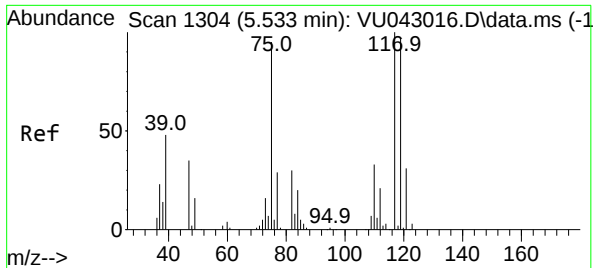


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45



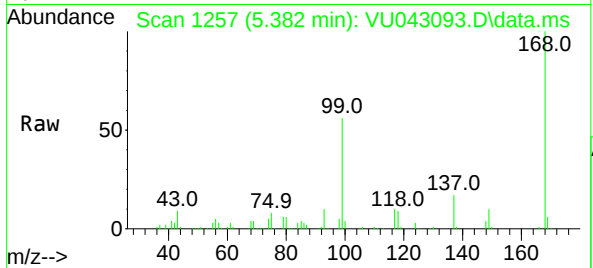
Tgt Ion: 75 Resp: 15009
Ion Ratio Lower Upper
75 100
110 8.1 16.8 50.3#
77 0.0 24.8 37.2#



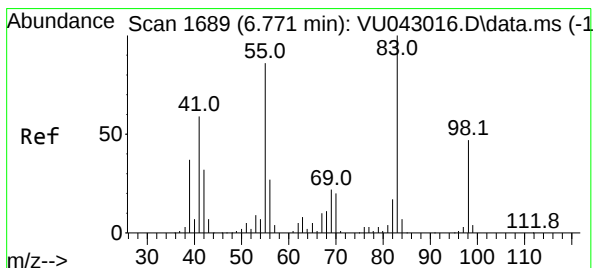
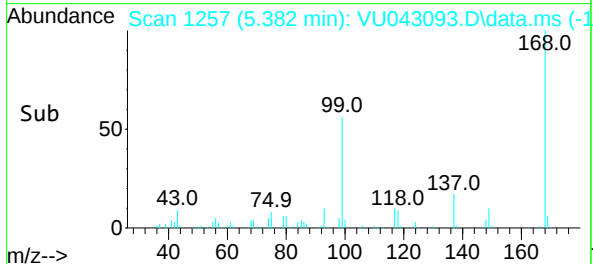
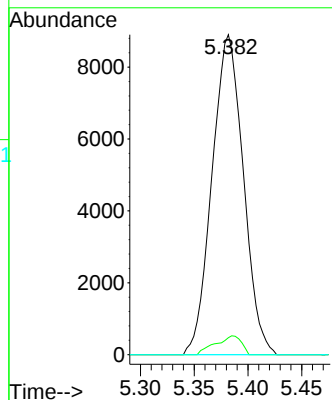


#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Instrument :
MSVOA_U
ClientSampled :

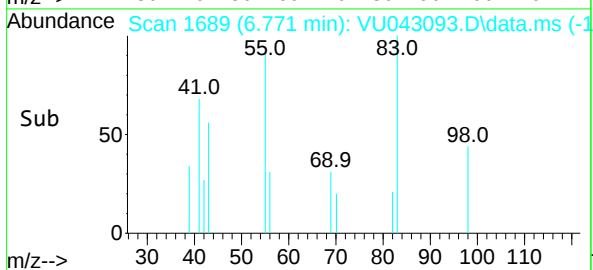
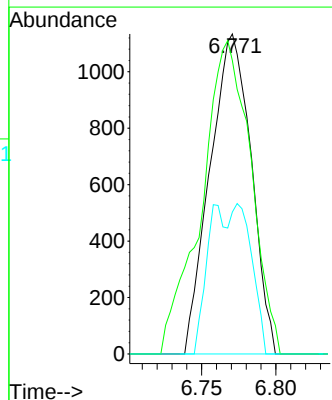
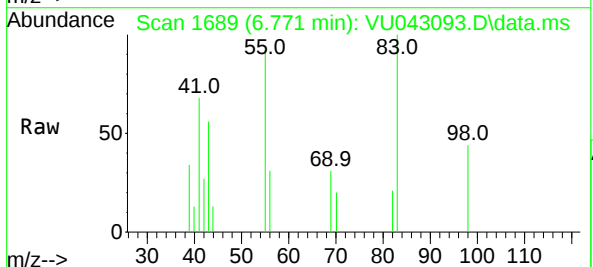


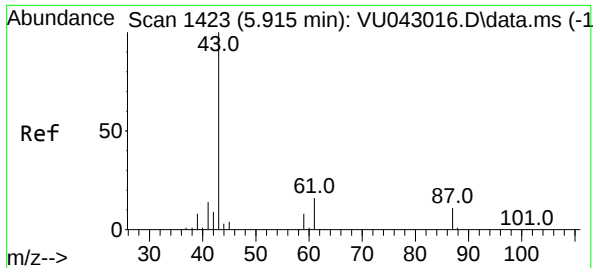
Tgt Ion:117 Resp: 18038
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.61 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 83 Resp: 2182
Ion Ratio Lower Upper
83 100
55 91.7 66.8 100.2
98 44.4 36.9 55.3

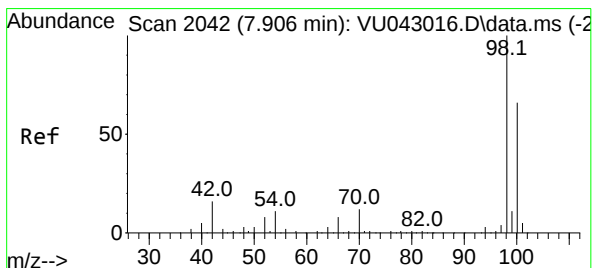
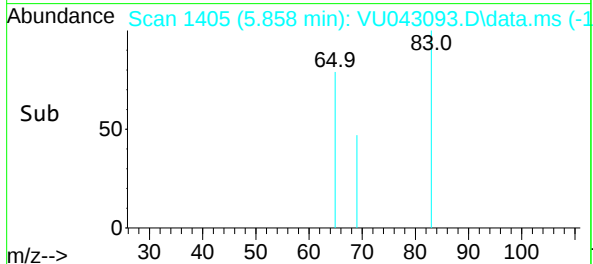
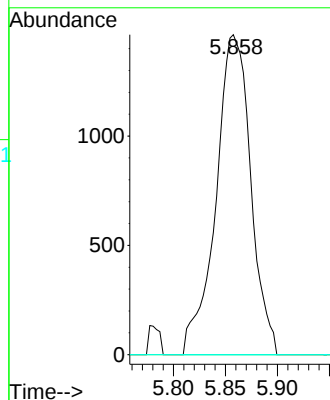
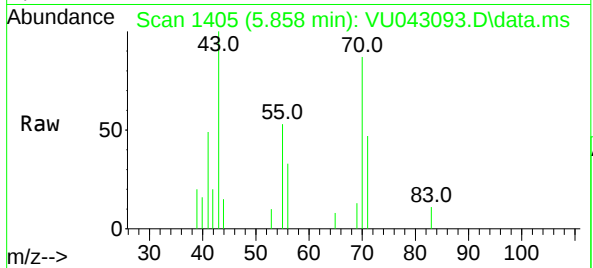




#43
Isopropyl Acetate
Concen: 0.43 ug/l
RT: 5.858 min Scan# 1405
Delta R.T. -0.057 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

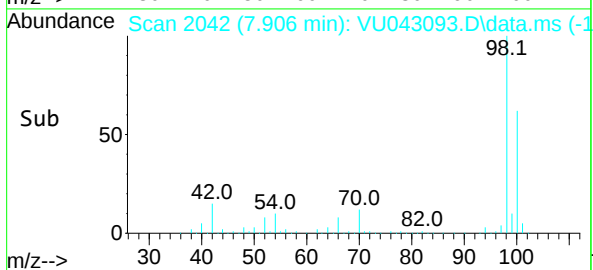
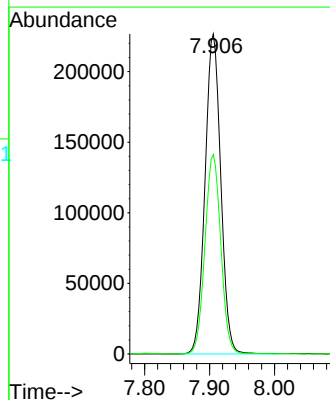
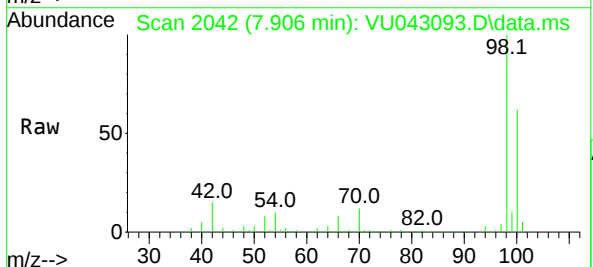
Instrument :
MSVOA_U
ClientSampleId :

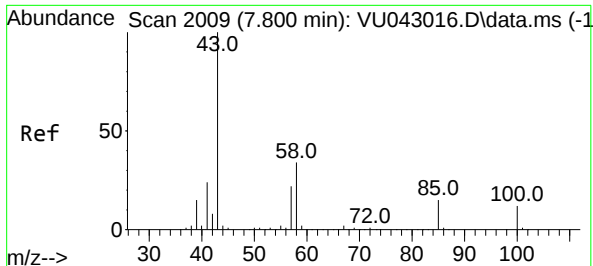
Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
61 0.0 14.4 21.6#
87 0.0 8.8 13.2#



#50
Toluene-d8
Concen: 46.97 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 98 Resp: 383231
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

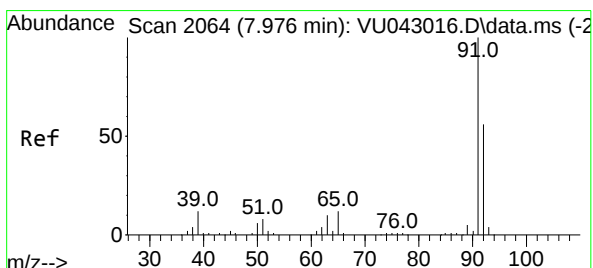
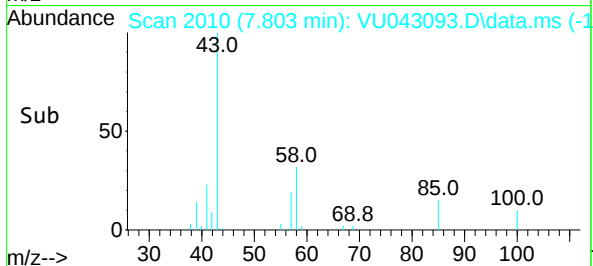
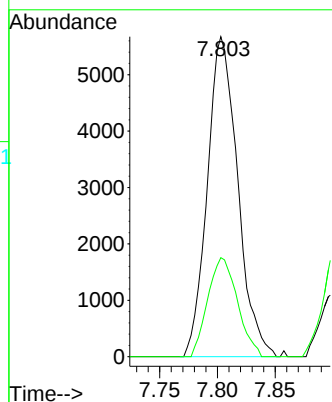
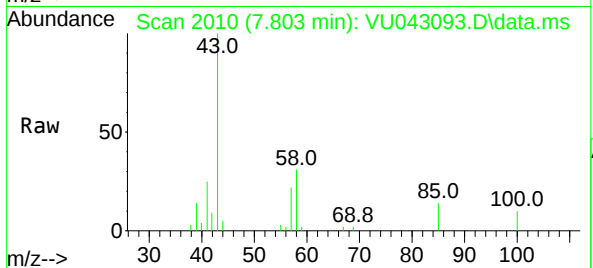




#51
4-Methyl-2-Pentanone
Concen: 1.77 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

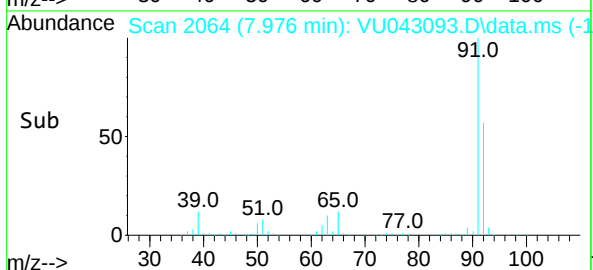
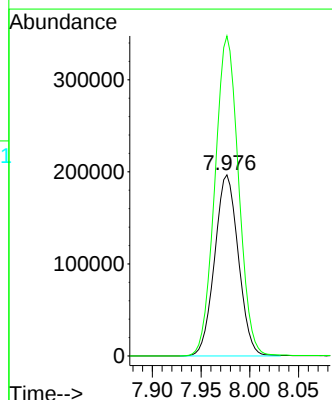
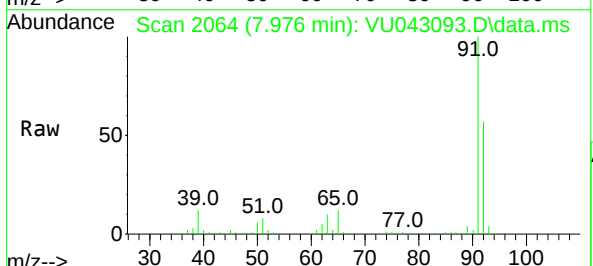
Instrument :
MSVOA_U
ClientSampled :

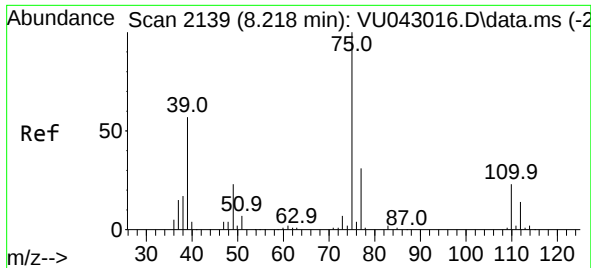
Tgt Ion: 43 Resp: 10381
Ion Ratio Lower Upper
43 100
58 30.2 28.1 42.1



#52
Toluene
Concen: 57.73 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 92 Resp: 332884
Ion Ratio Lower Upper
92 100
91 177.1 140.3 210.5

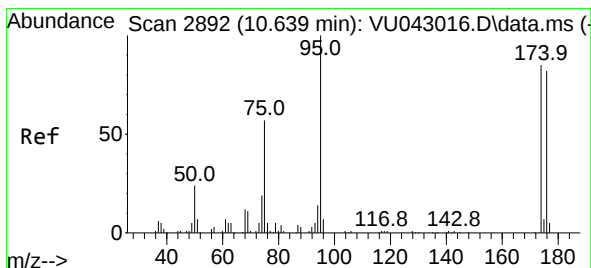
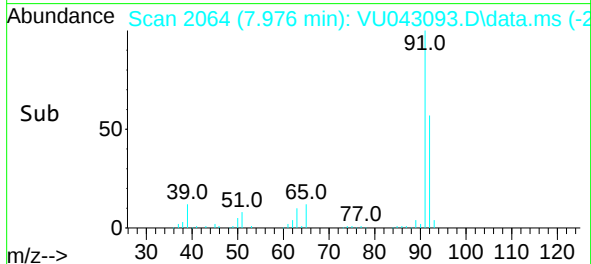
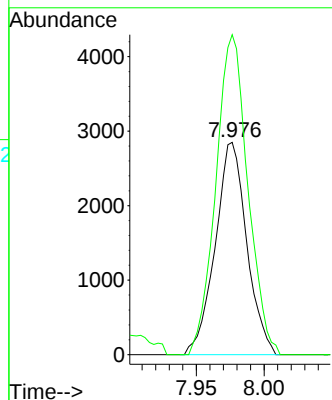
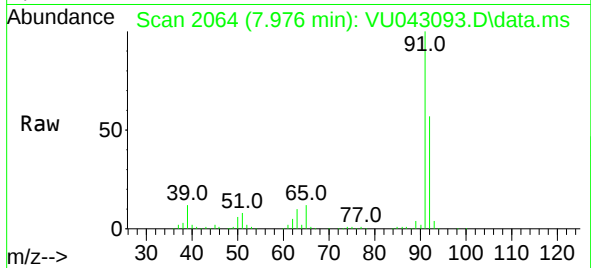




#53
t-1,3-Dichloropropene
Concen: 1.15 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.242 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

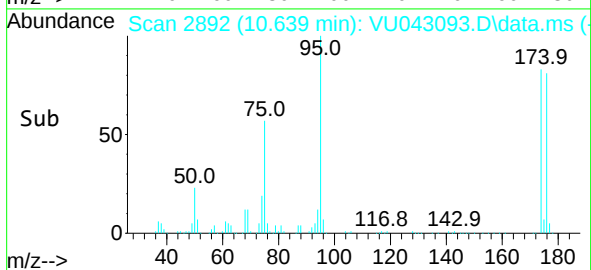
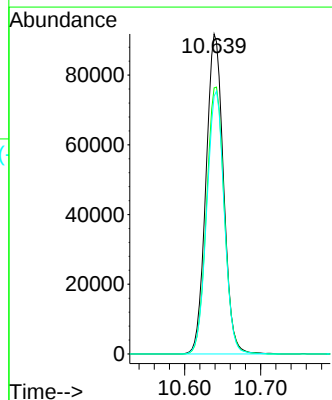
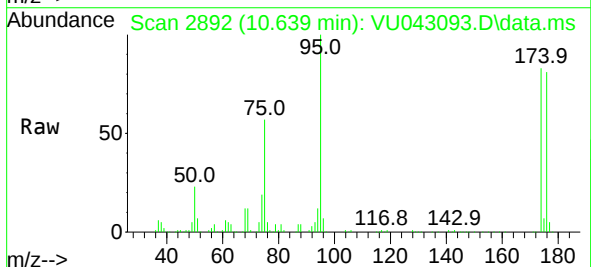
Instrument :
MSVOA_U
ClientSampled :

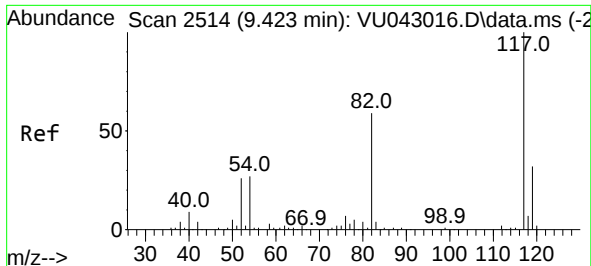
Tgt Ion: 75 Resp: 4609
Ion Ratio Lower Upper
75 100
77 150.7 25.6 38.4#



#62
4-Bromofluorobenzene
Concen: 44.91 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 95 Resp: 146719
Ion Ratio Lower Upper
95 100
174 84.5 0.0 172.2
176 81.8 0.0 168.8

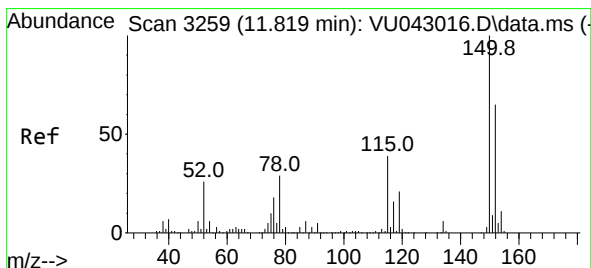
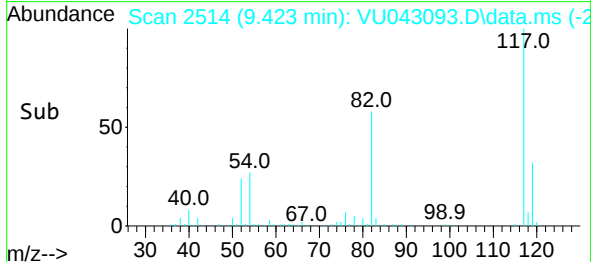
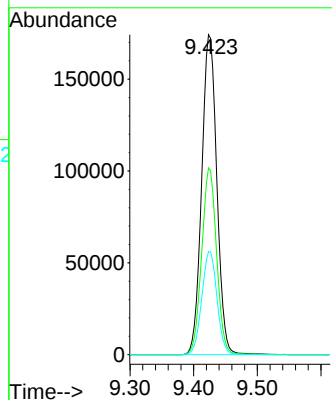
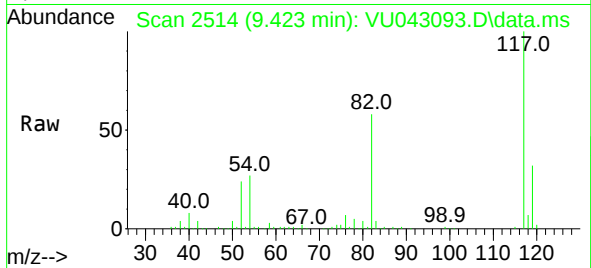




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

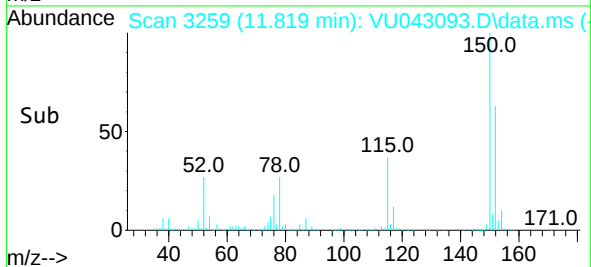
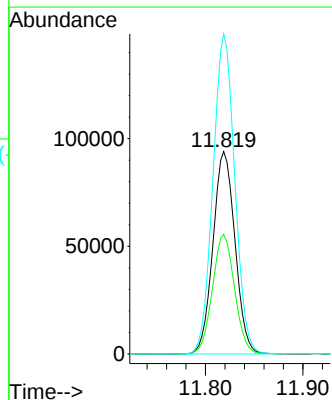
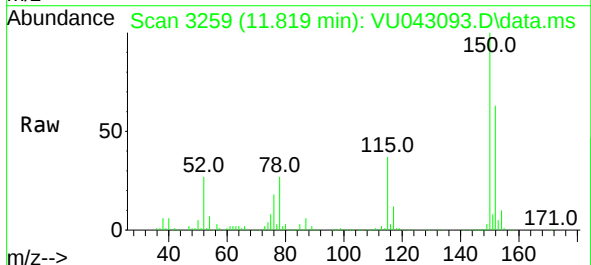
Instrument :
MSVOA_U
ClientSampleId :

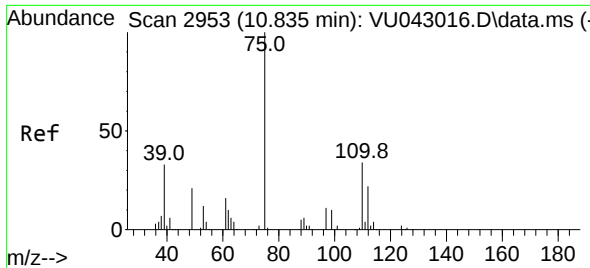
Tgt Ion:117 Resp: 288449
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion:152 Resp: 147476
Ion Ratio Lower Upper
152 100
115 59.4 41.5 124.6
150 156.4 0.0 342.4

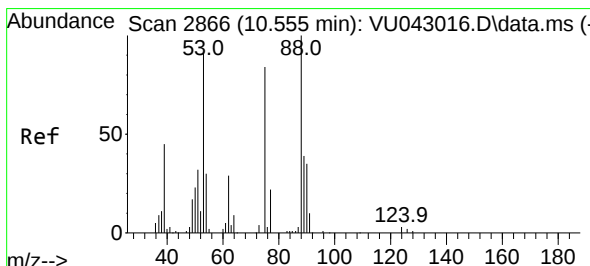
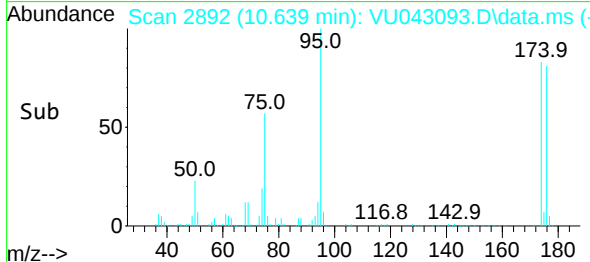
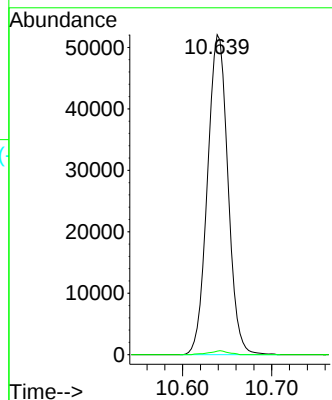
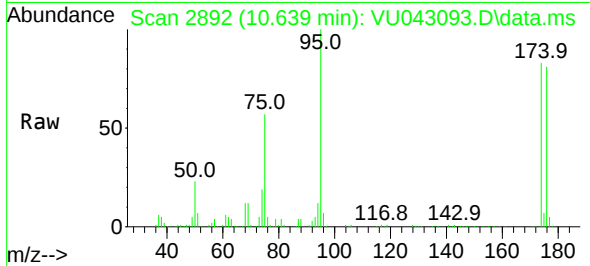




#76
1,2,3-Trichloropropane
Concen: 19.22 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

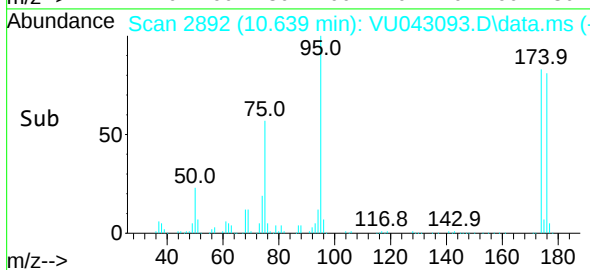
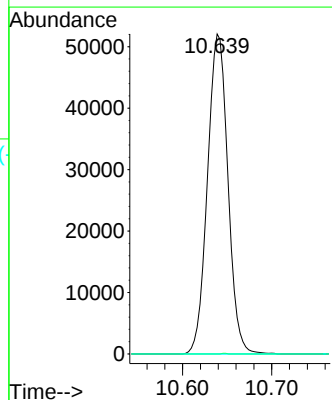
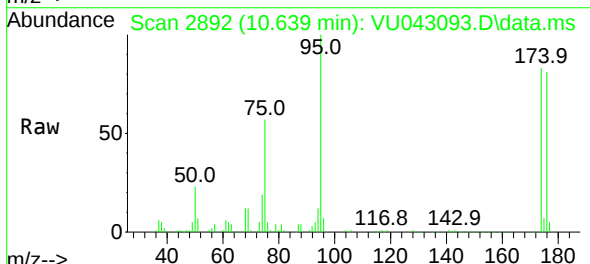
Instrument :
MSVOA_U
ClientSampled :

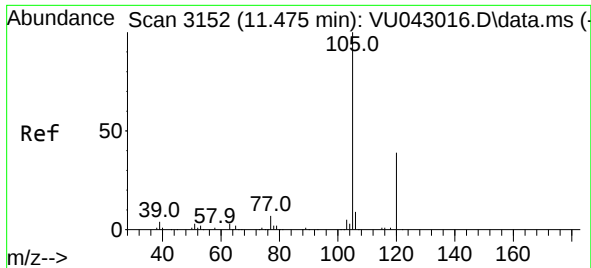
Tgt Ion: 75 Resp: 82836
Ion Ratio Lower Upper
75 100
77 1.2 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.48 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion: 75 Resp: 82836
Ion Ratio Lower Upper
75 100
53 0.1 85.6 128.4#
89 0.0 35.7 53.5#

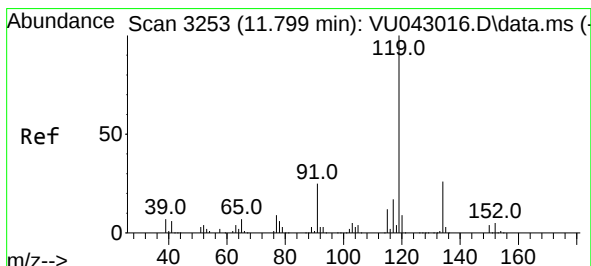
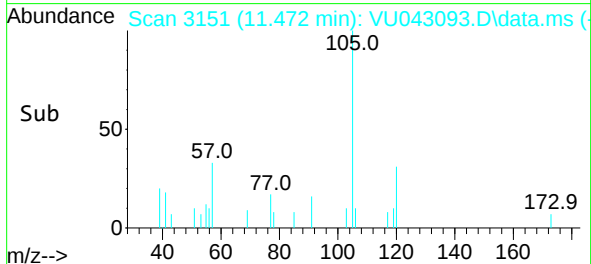
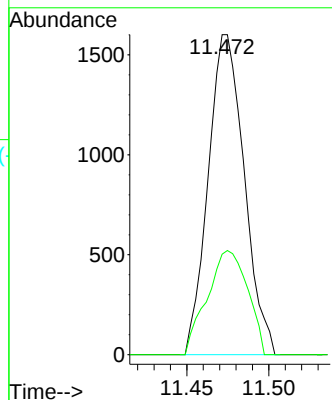
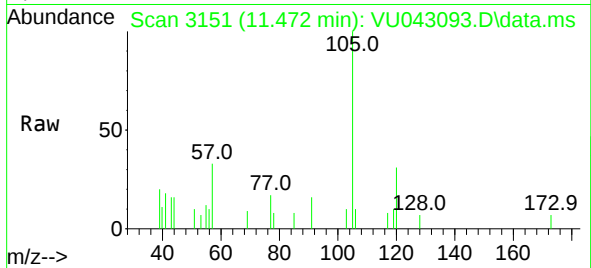




#84
1,2,4-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

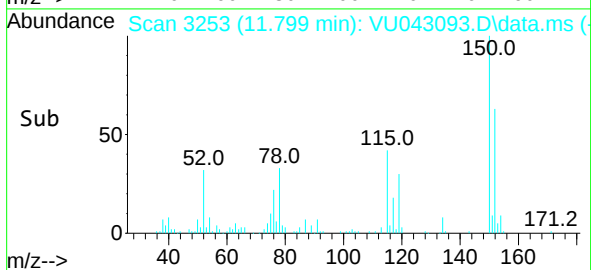
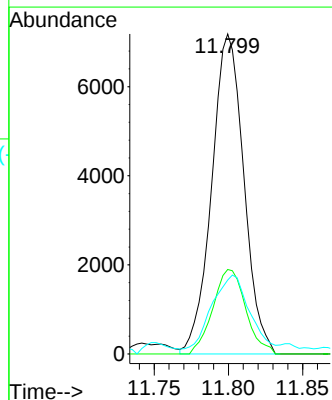
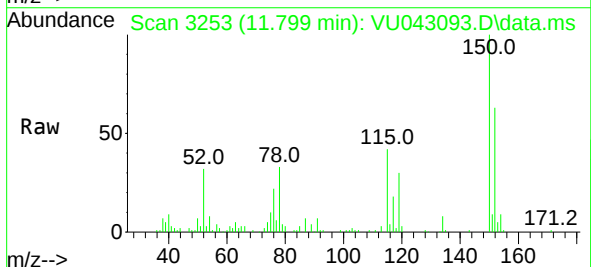
Instrument :
MSVOA_U
ClientSampled :

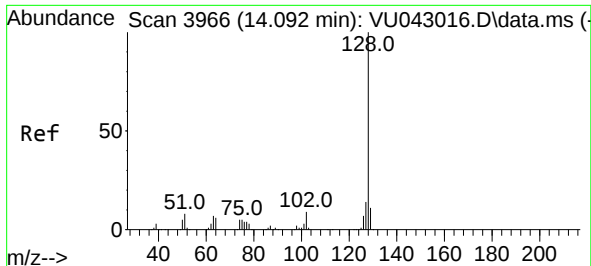
Tgt Ion:105 Resp: 2443
Ion Ratio Lower Upper
105 100
120 36.4 22.3 66.8



#86
p-Isopropyltoluene
Concen: 1.17 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion:119 Resp: 10799
Ion Ratio Lower Upper
119 100
134 27.0 13.2 39.6
91 26.1 12.8 38.3

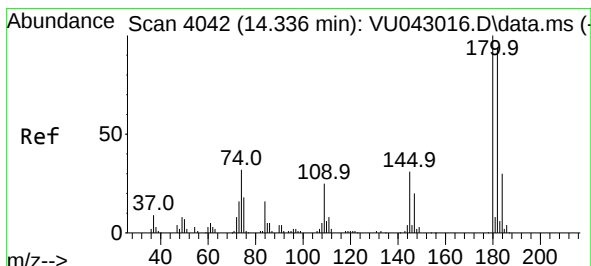
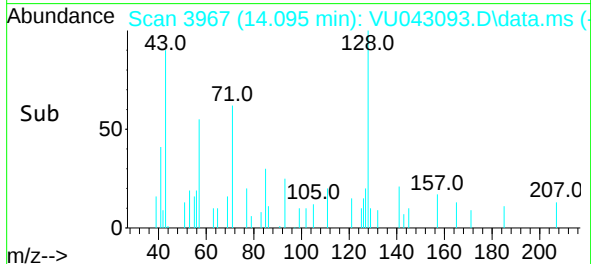
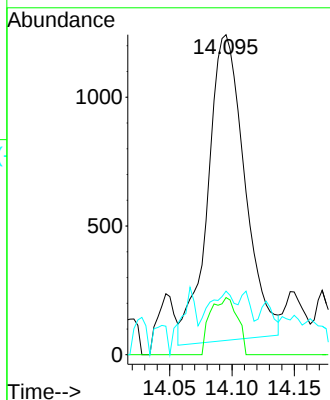
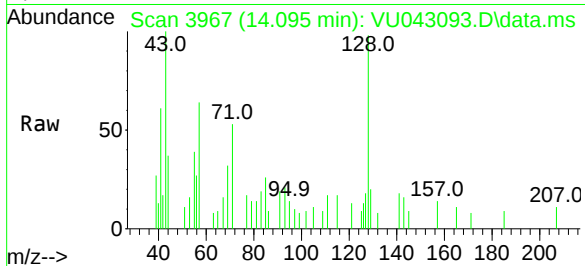




#95
Naphthalene
Concen: 2.96 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 2438
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 5.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.47 ug/l
RT: 14.349 min Scan# 4046
Delta R.T. 0.013 min
Lab File: VU043093.D
Acq: 14 Apr 2021 14:45

Tgt Ion:180 Resp: 19
Ion Ratio Lower Upper
180 100
182 0.0 48.0 144.0#
145 400.0 15.5 46.5#

