

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044236.D
 Acq On : 16 Jun 2021 13:25
 Operator : SY/MD
 Sample : M2714-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 04:56:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

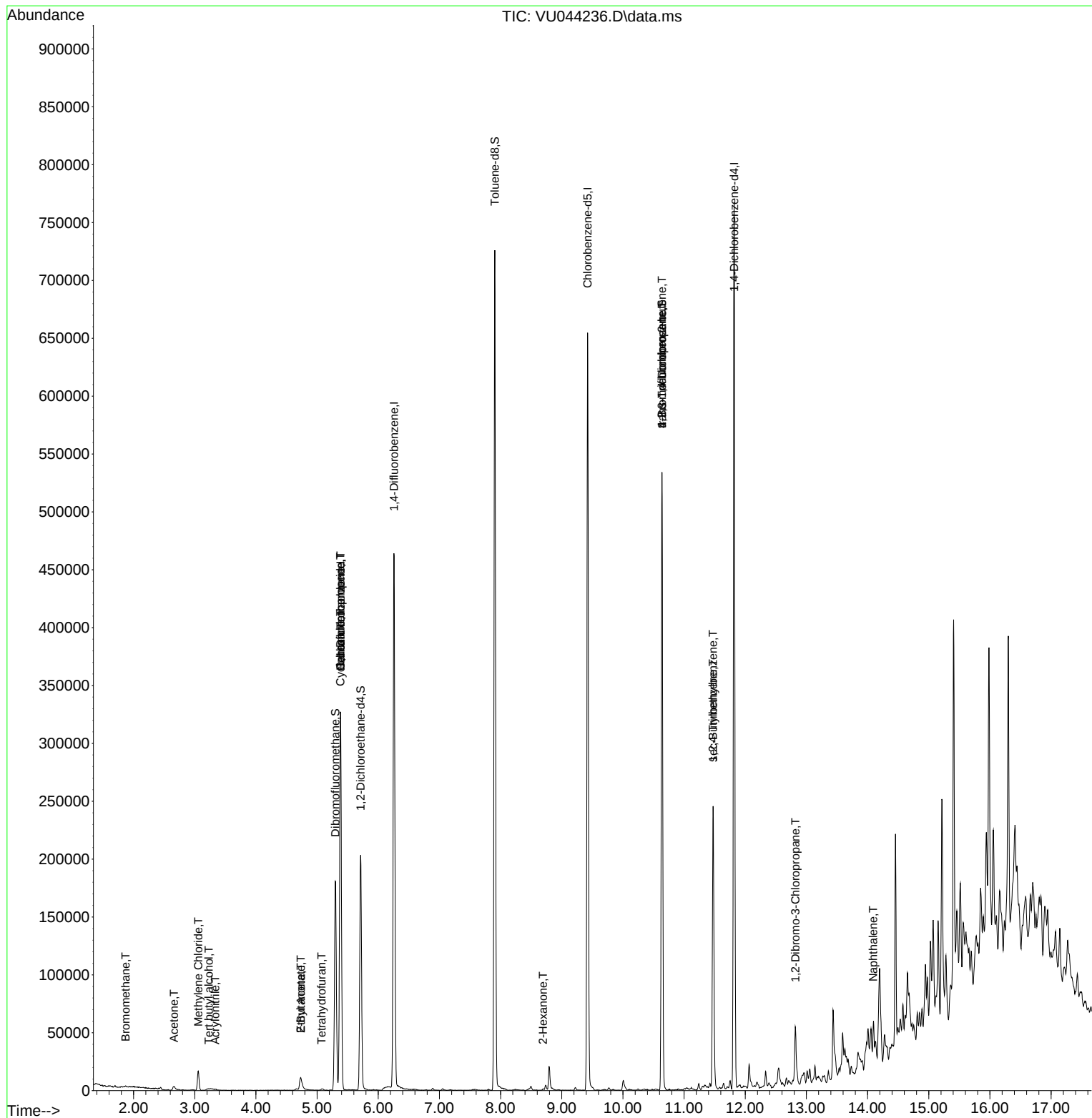
Internal Standards						
1) Pentafluorobenzene	5.385	168	225655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	376717	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	367396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	196877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	150506	41.941	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.880%	
35) Dibromofluoromethane	5.298	113	121185	46.244	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.480%	
50) Toluene-d8	7.906	98	480146	47.709	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.420%	
62) 4-Bromofluorobenzene	10.639	95	187249	46.427	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	470	Below Cal	#	69
5) Bromomethane	1.871	94	376	0.240	ug/l	89
6) Chloroethane	1.944	64	200	Below Cal	#	42
11) Tert butyl alcohol	3.227	59	2013	2.085	ug/l	# 73
15) Acrylonitrile	3.337	53	479	0.240	ug/l	# 58
16) Acetone	2.662	43	6943	1.619	ug/l	96
20) Methylene Chloride	3.057	84	8411	1.436	ug/l	94
25) 2-Butanone	4.732	43	23459	7.832	ug/l	96
29) Tetrahydrofuran	5.073	42	1094	0.672	ug/l	# 81
31) Cyclohexane	5.378	56	4324	0.854	ug/l	# 1
36) 1,1-Dichloropropene	5.382	75	18229	4.349	ug/l	# 50
37) Ethyl Acetate	4.732	43	23459	4.674	ug/l	# 67
38) Carbon Tetrachloride	5.385	117	23131	6.113	ug/l	# 16
59) 2-Hexanone	8.693	43	932	0.227	ug/l	78
76) 1,2,3-Trichloropropane	10.639	75	91687	13.890	ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.639	75	91687	50.351	ug/l	# 13
84) 1,2,4-Trimethylbenzene	11.475	105	88965	7.550	ug/l	# 34
85) sec-Butylbenzene	11.475	105	88965	6.156	ug/l	# 58
92) 1,2-Dibromo-3-Chloropr...	12.819	75	597	0.460	ug/l	# 6
95) Naphthalene	14.092	128	10364	3.542	ug/l	# 87

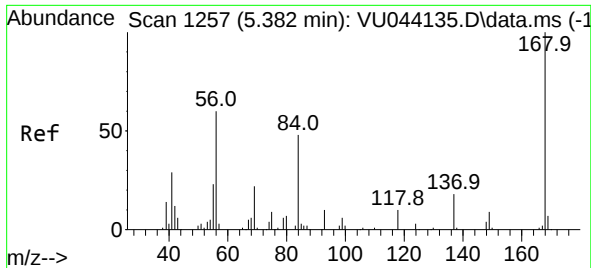
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 17 04:56:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

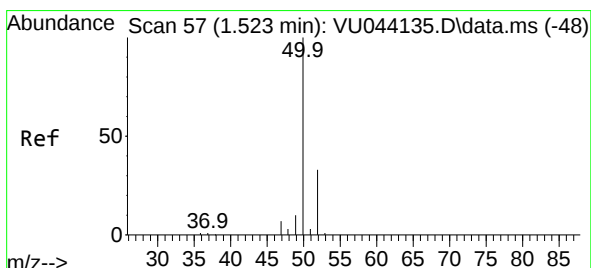
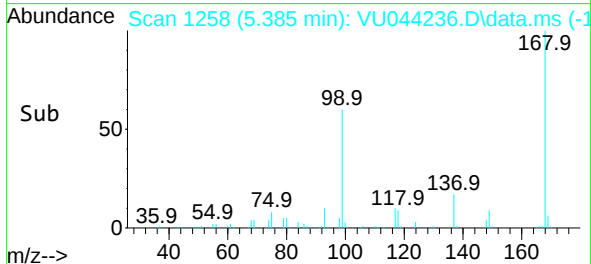
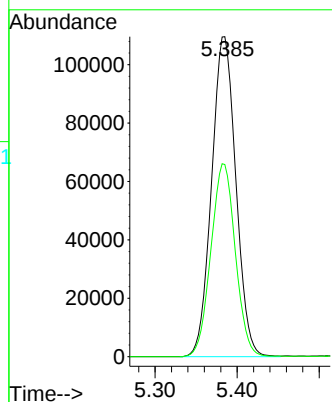
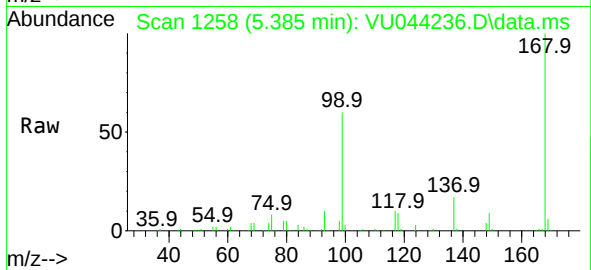




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

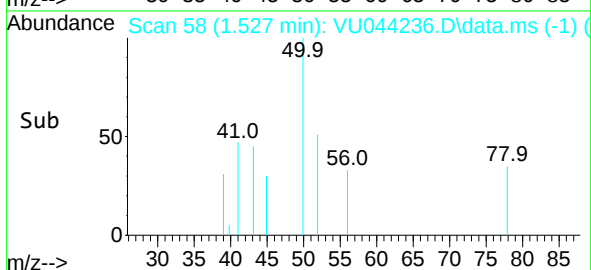
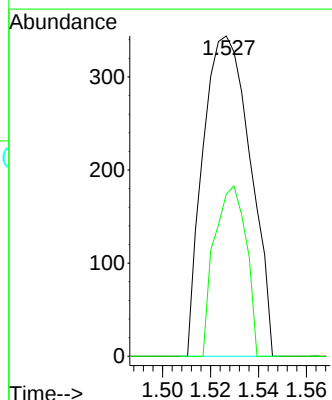
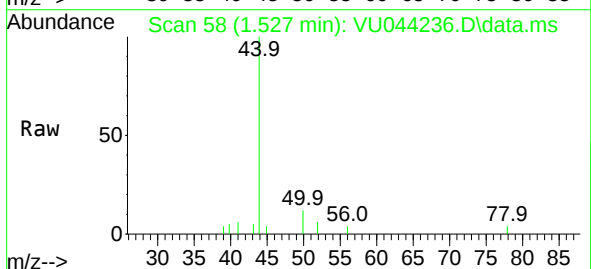
Instrument :
MSVOA_U
ClientSampled :

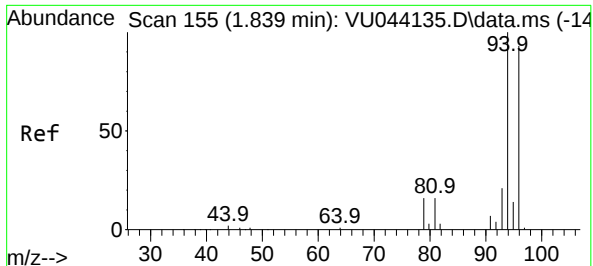
Tgt Ion:168 Resp: 225655
Ion Ratio Lower Upper
168 100
99 60.1 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 50.6 26.6 39.8#

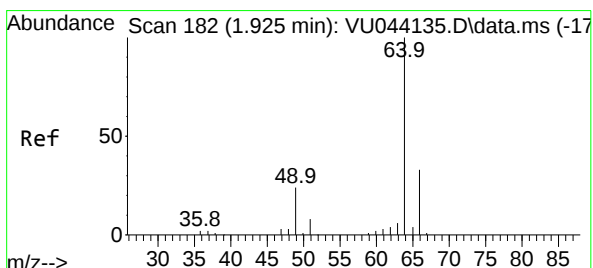
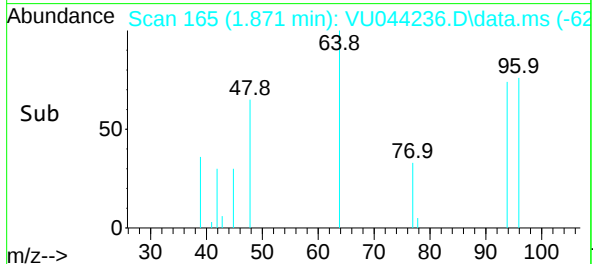
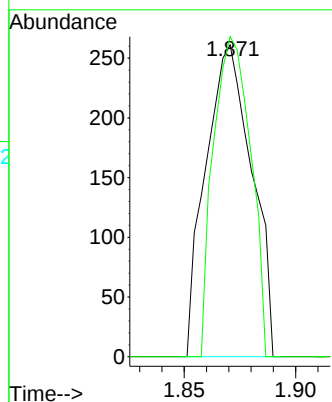
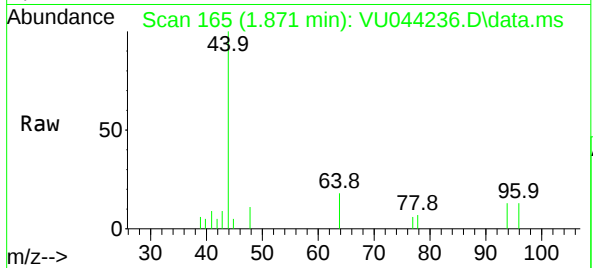




#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.871 min Scan# 165
Delta R.T. 0.032 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

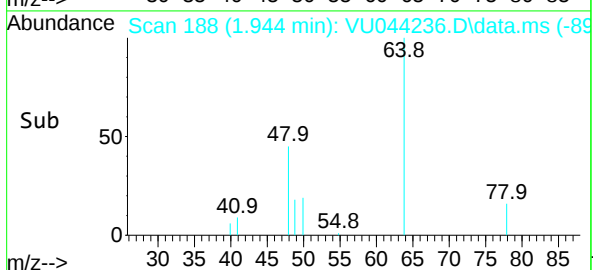
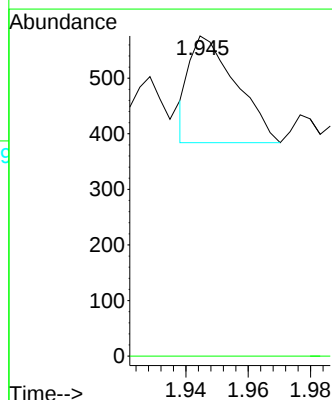
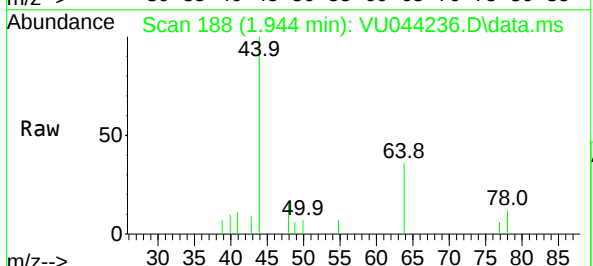
Instrument :
MSVOA_U
ClientSampled :

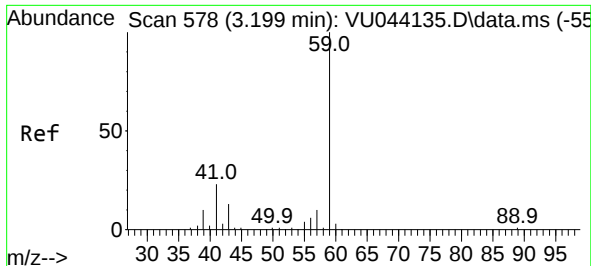
Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 102.7 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.944 min Scan# 188
Delta R.T. 0.019 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

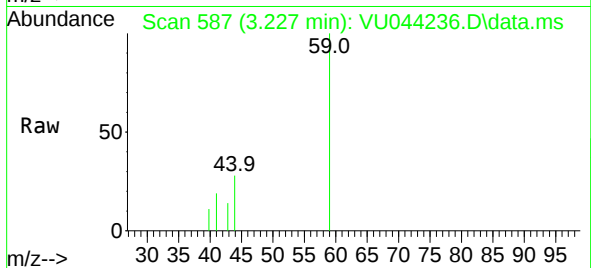
Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



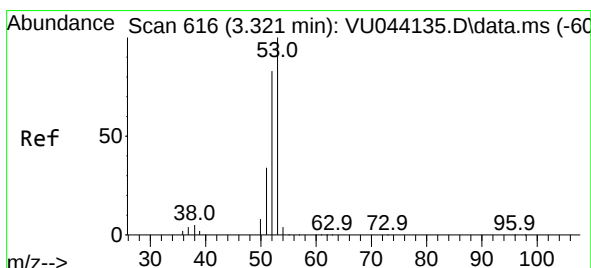
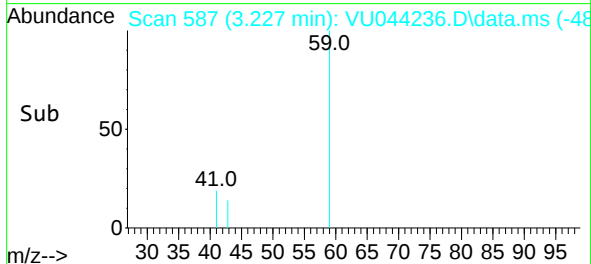
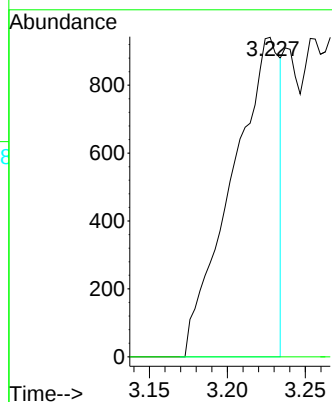


#11
Tert butyl alcohol
Concen: 2.085 ug/l
RT: 3.227 min Scan# 587
Delta R.T. 0.028 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Instrument :
MSVOA_U
ClientSampled :

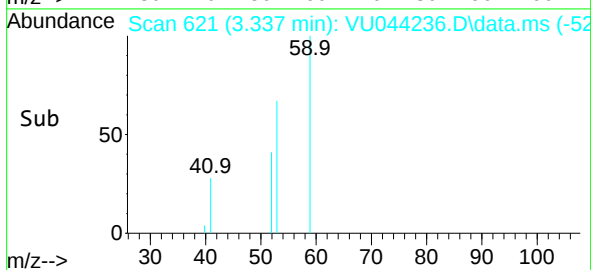
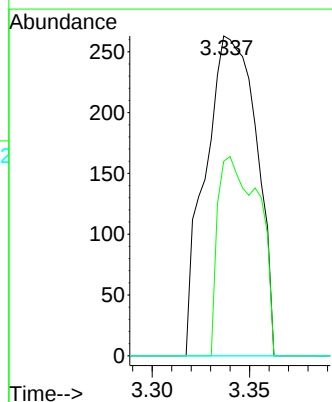
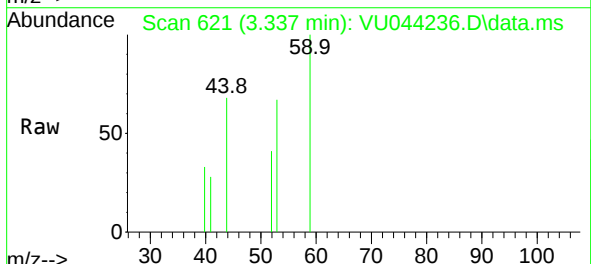


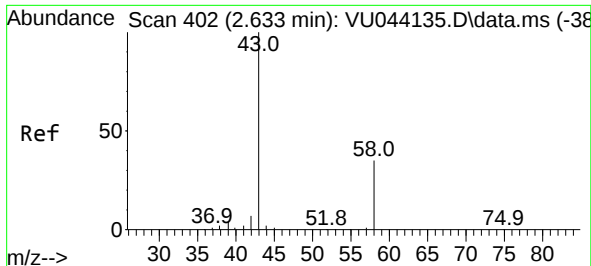
Tgt Ion: 59 Resp: 2013
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#15
Acrylonitrile
Concen: 0.240 ug/l
RT: 3.337 min Scan# 621
Delta R.T. 0.016 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

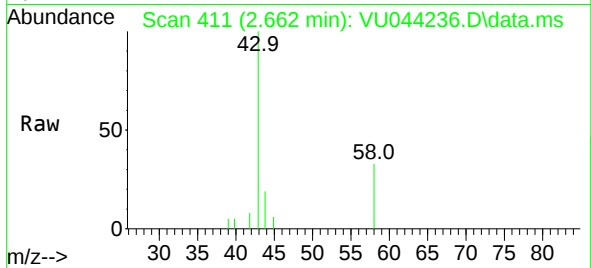
Tgt Ion: 53 Resp: 479
Ion Ratio Lower Upper
53 100
52 49.9 65.0 97.6#
51 0.0 27.3 40.9#



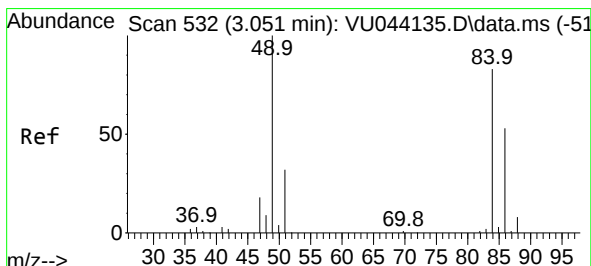
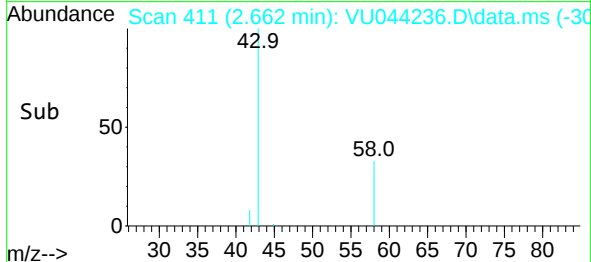
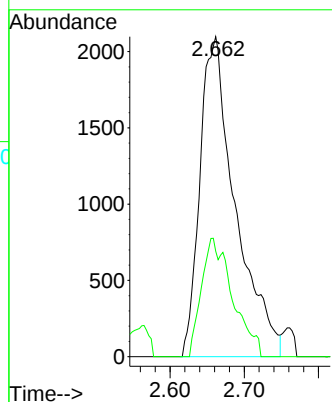


#16
Acetone
Concen: 1.619 ug/l
RT: 2.662 min Scan# 411
Delta R.T. 0.029 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Instrument :
MSVOA_U
ClientSampled :

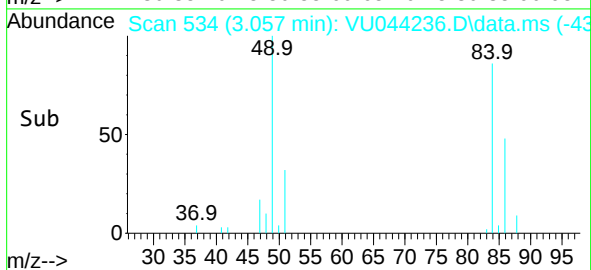
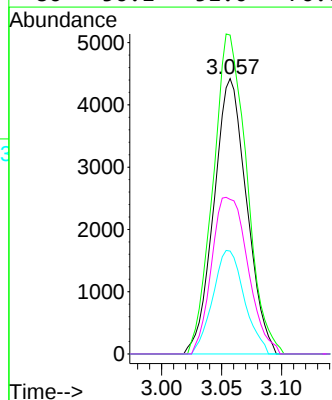
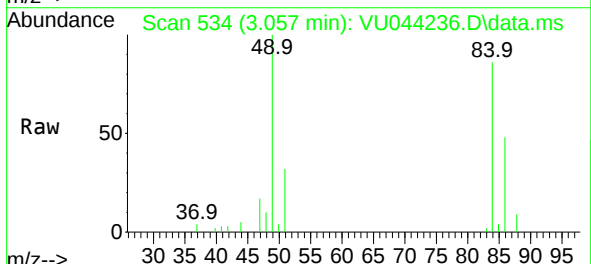


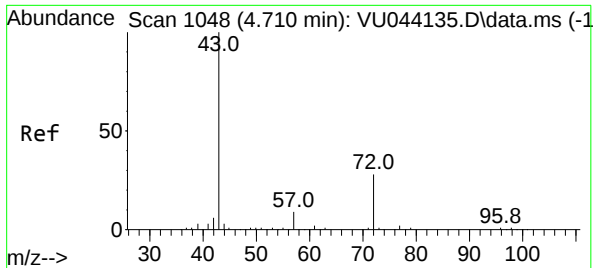
Tgt Ion: 43 Resp: 6943
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0



#20
Methylene Chloride
Concen: 1.436 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion: 84 Resp: 8411
Ion Ratio Lower Upper
84 100
49 115.8 96.9 145.3
51 37.4 31.0 46.6
86 56.1 51.0 76.6

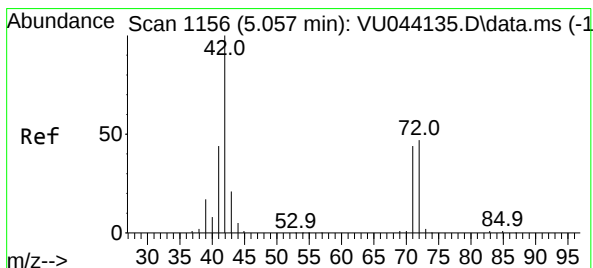
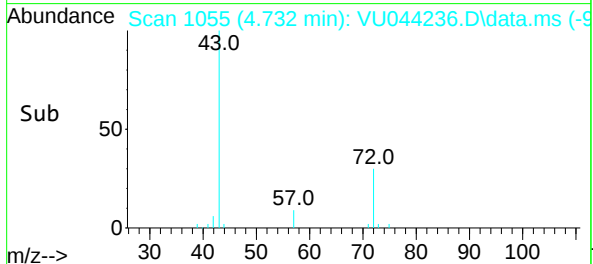
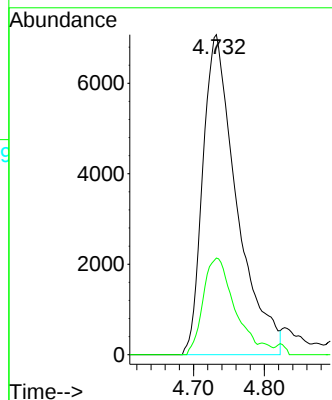
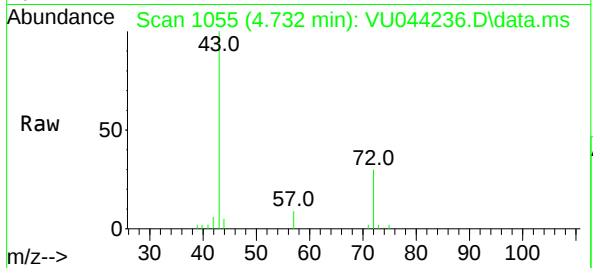




#25
2-Butanone
Concen: 7.832 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.022 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

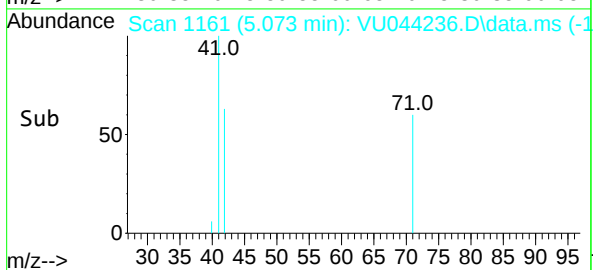
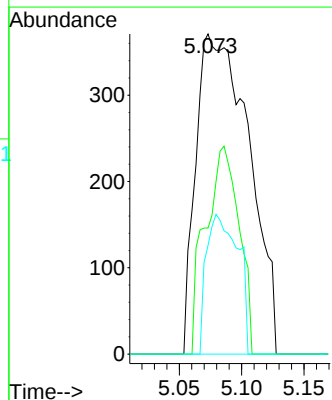
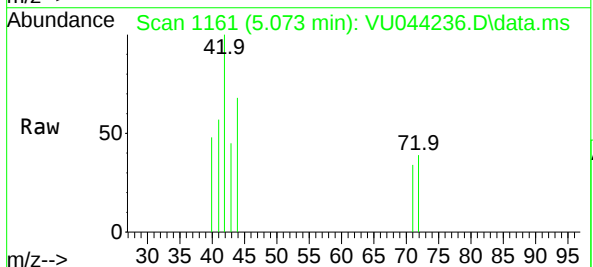
Instrument :
MSVOA_U
ClientSampled :

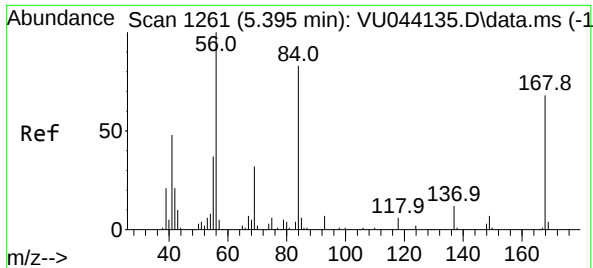
Tgt Ion: 43 Resp: 23459
Ion Ratio Lower Upper
43 100
72 30.2 22.6 33.8



#29
Tetrahydrofuran
Concen: 0.672 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.016 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

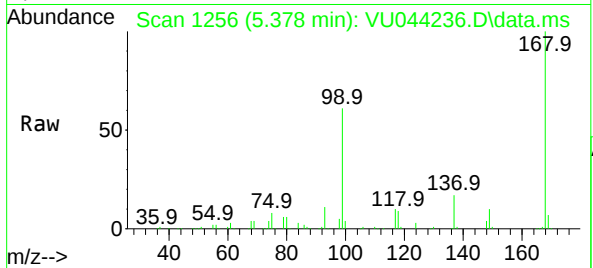
Tgt Ion: 42 Resp: 1094
Ion Ratio Lower Upper
42 100
72 41.4 38.6 57.8
71 26.1 35.5 53.3#



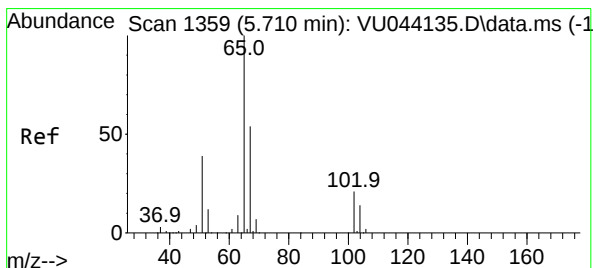
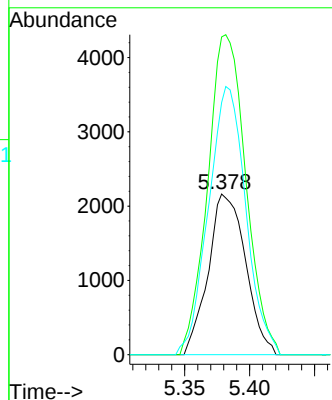
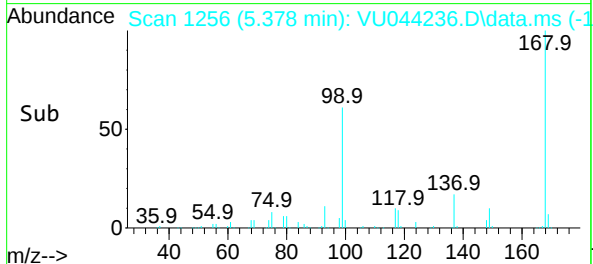


#31
Cyclohexane
Concen: 0.854 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

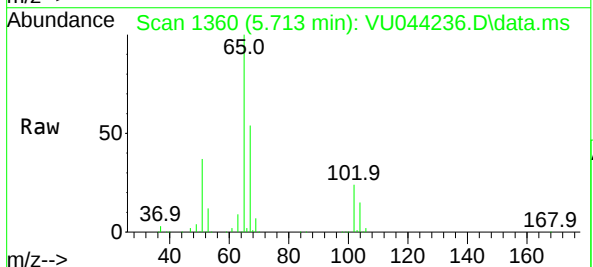
Instrument :
MSVOA_U
ClientSampled :



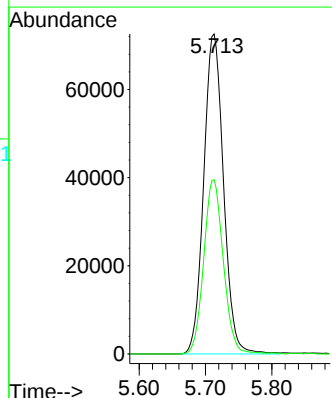
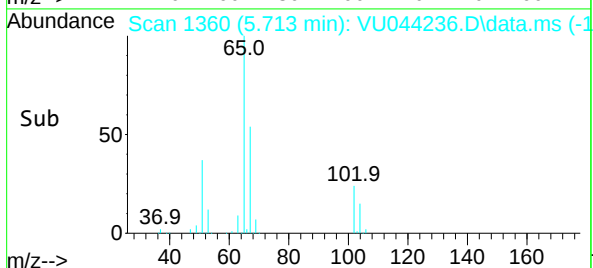
Tgt Ion: 56 Resp: 4324
Ion Ratio Lower Upper
56 100
69 197.7 25.5 38.3#
84 157.0 66.3 99.5#

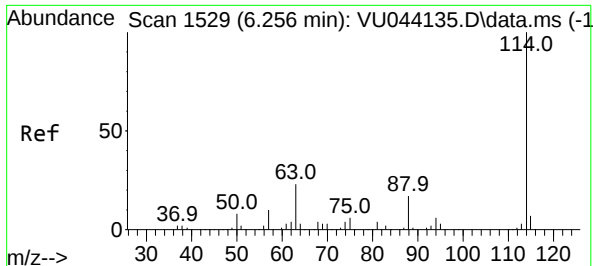


#33
1,2-Dichloroethane-d4
Concen: 41.941 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25



Tgt Ion: 65 Resp: 150506
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6

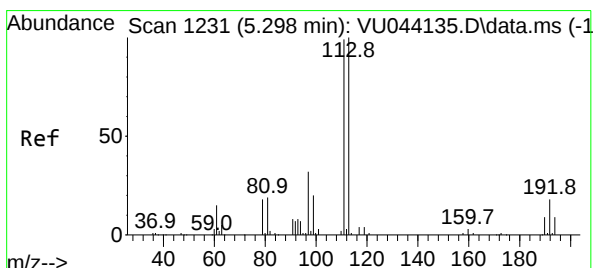
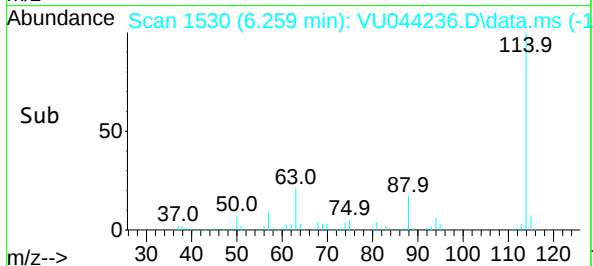
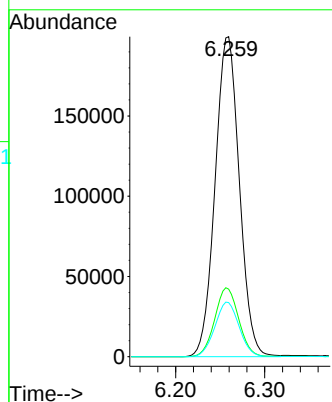
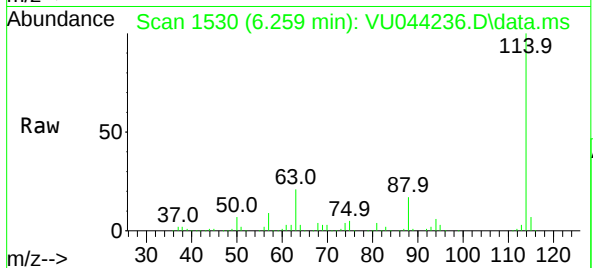




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

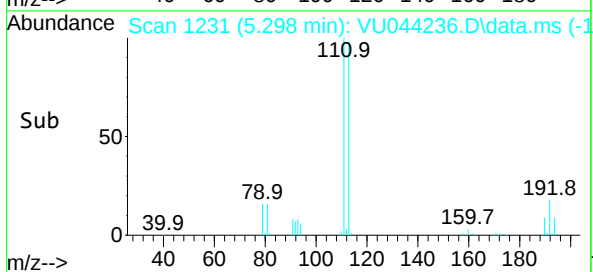
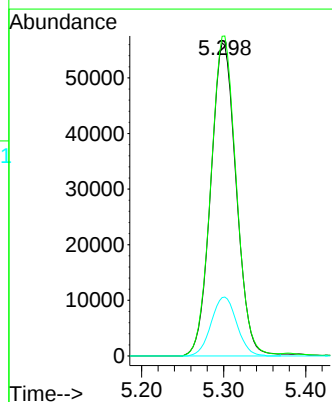
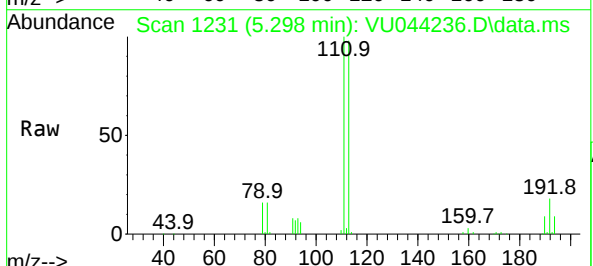
Instrument :
MSVOA_U
ClientSampled :

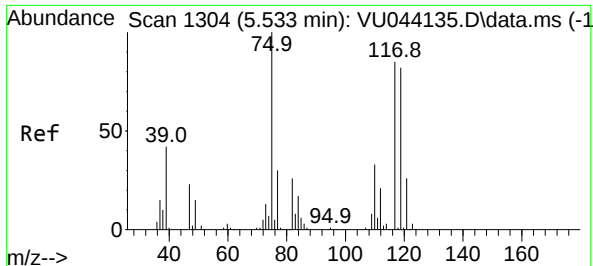
Tgt Ion:114 Resp: 376717
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.8
88 16.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 46.244 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion:113 Resp: 121185
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.4
192 19.0 14.3 21.5

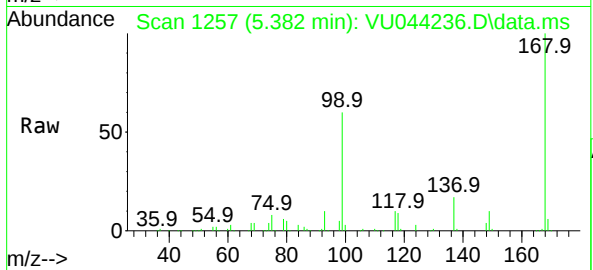




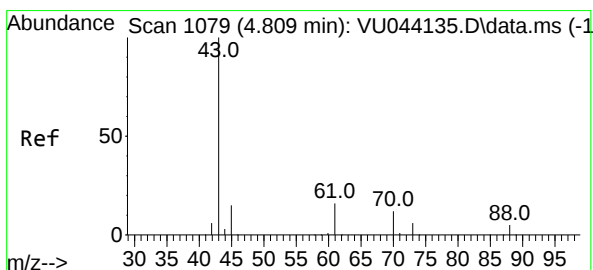
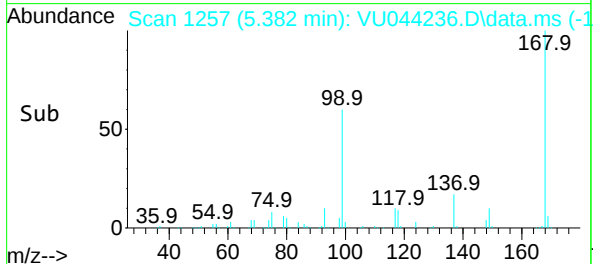
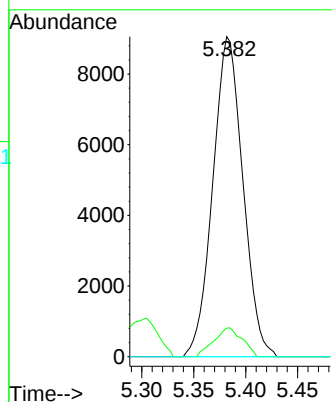
#36

1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Instrument :
MSVOA_U
ClientSampled :



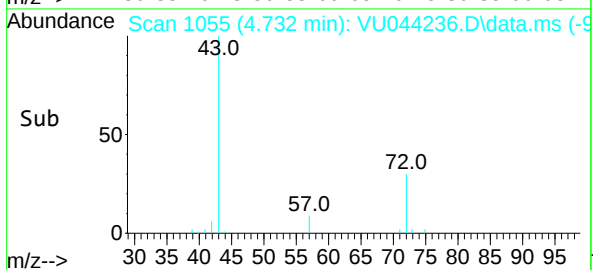
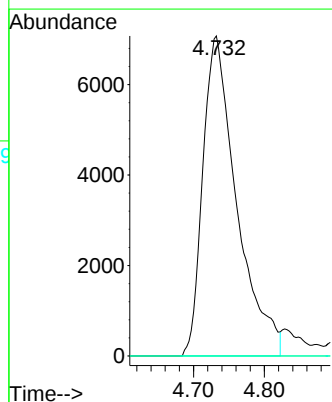
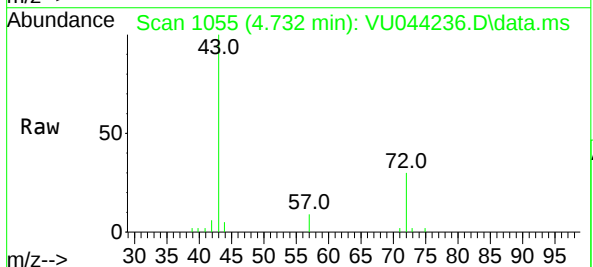
Tgt Ion: 75 Resp: 18229
Ion Ratio Lower Upper
75 100
110 8.5 16.4 49.4#
77 0.0 24.7 37.1#

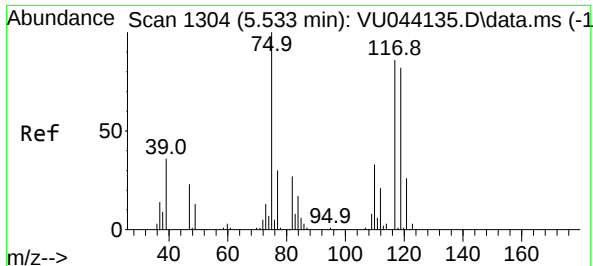


#37

Ethyl Acetate
Concen: 4.674 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.077 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

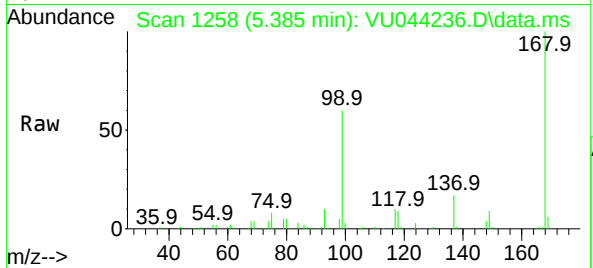
Tgt Ion: 43 Resp: 23459
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 9.4 14.0#



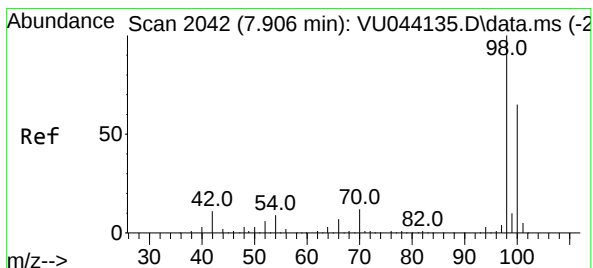
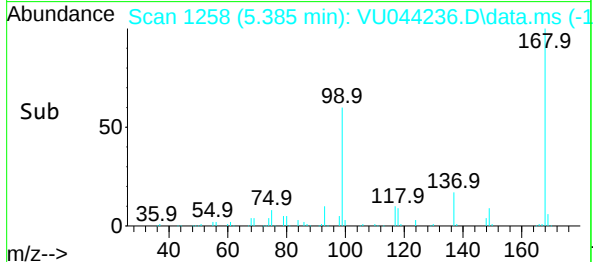
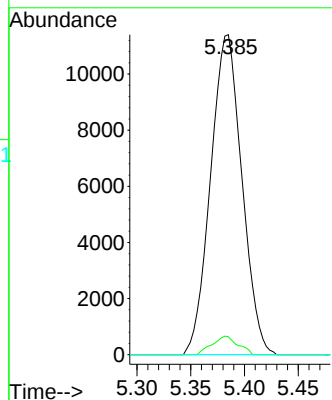


#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Instrument :
MSVOA_U
ClientSampled :

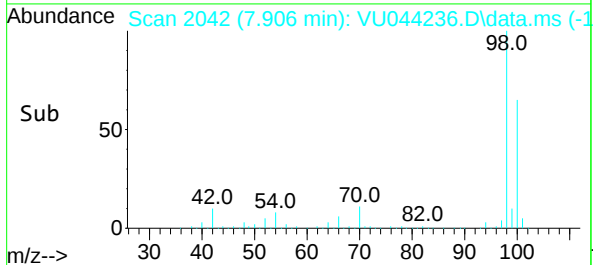
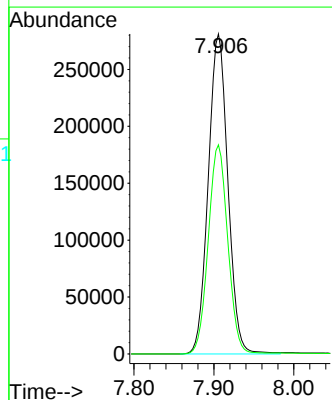
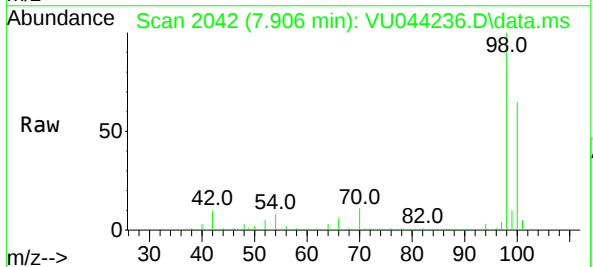


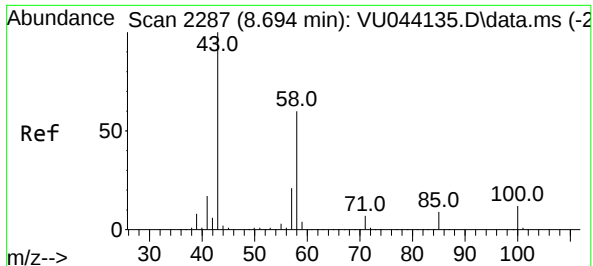
Tgt Ion:117 Resp: 23131
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.709 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion: 98 Resp: 480146
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

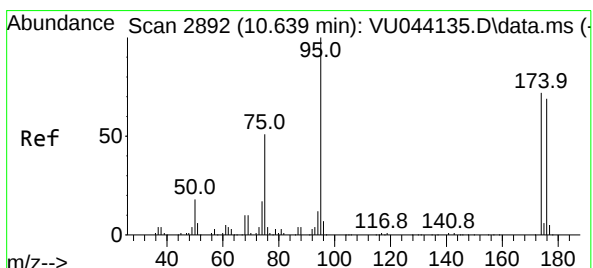
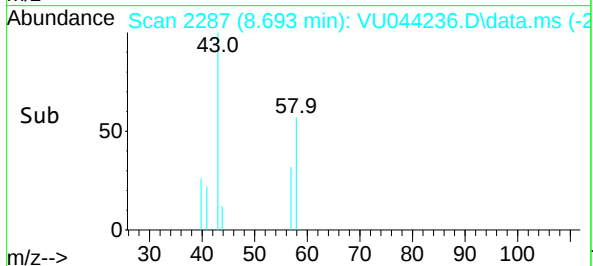
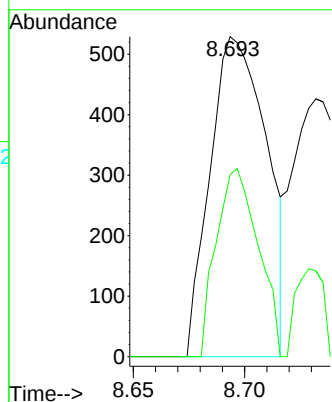
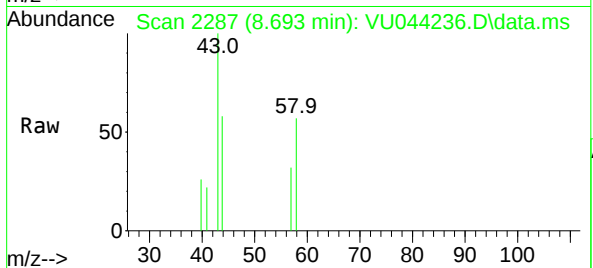




#59
2-Hexanone
Concen: 0.227 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

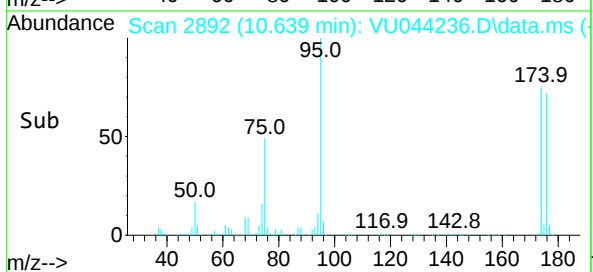
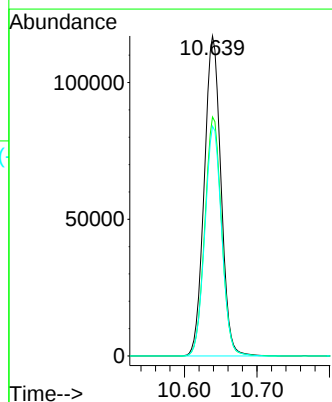
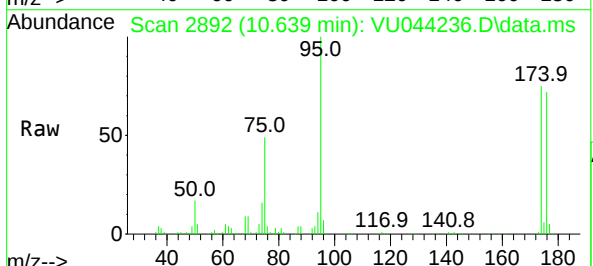
Instrument :
MSVOA_U
ClientSampled :

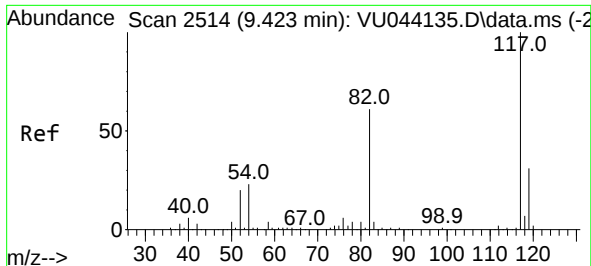
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 43.7 30.0 90.1



#62
4-Bromofluorobenzene
Concen: 46.427 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion: 95 Resp: 187249
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.4
176 72.2 0.0 138.0

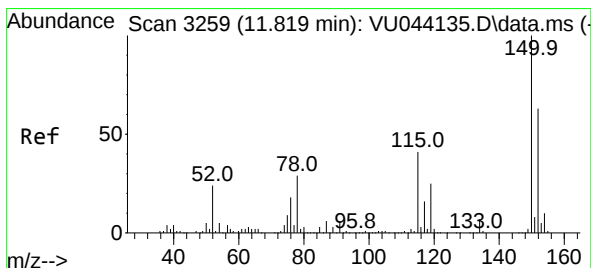
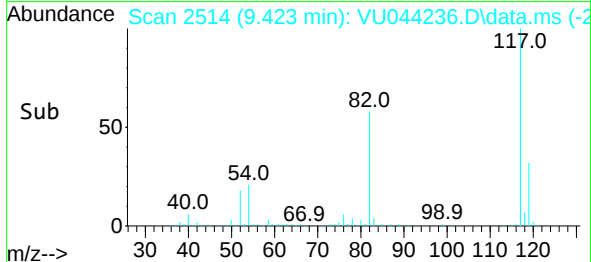
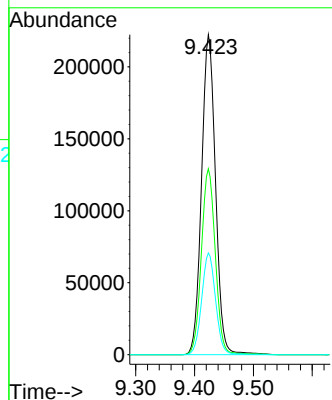
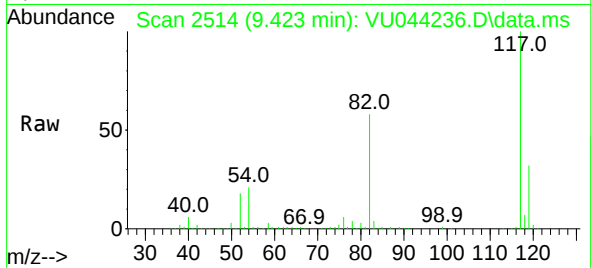




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

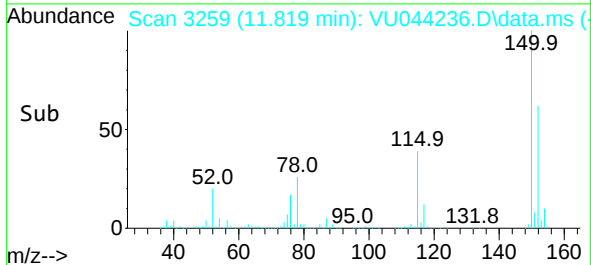
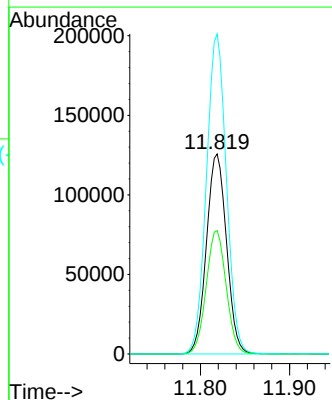
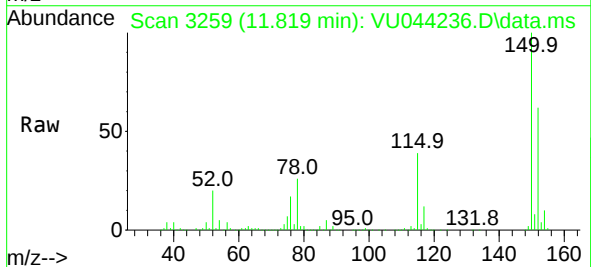
Instrument :
MSVOA_U
ClientSampled :

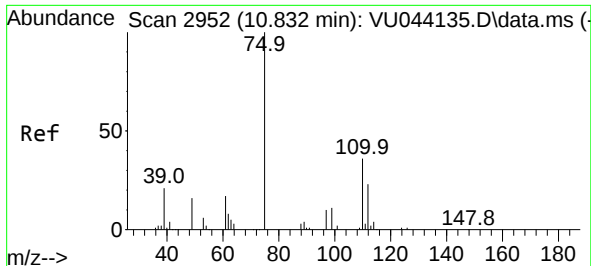
Tgt Ion:117 Resp: 367396
Ion Ratio Lower Upper
117 100
82 58.1 48.8 73.2
119 31.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion:152 Resp: 196877
Ion Ratio Lower Upper
152 100
115 61.2 43.8 131.3
150 158.8 0.0 350.6

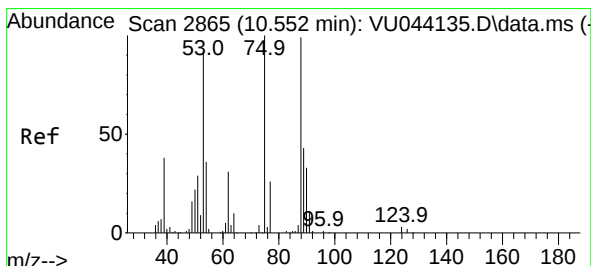
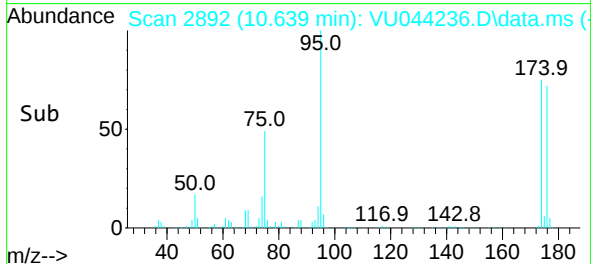
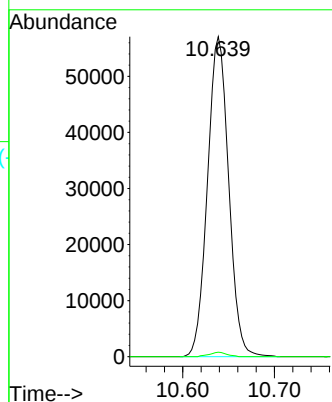
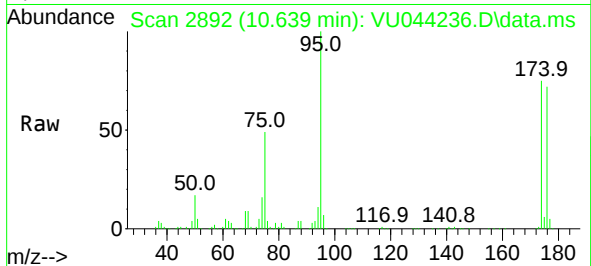




#76
1,2,3-Trichloropropane
Concen: 13.890 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

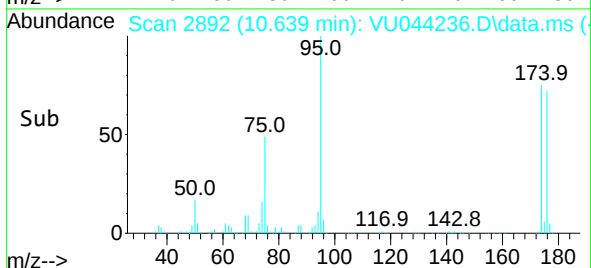
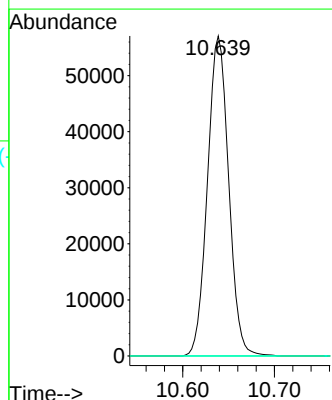
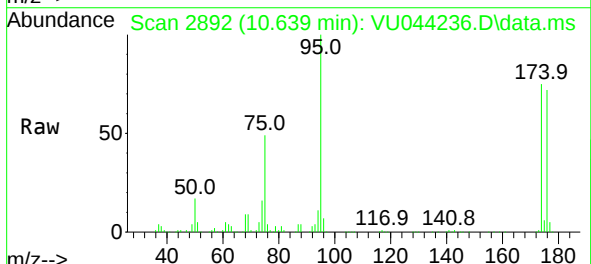
Instrument :
MSVOA_U
ClientSampled :

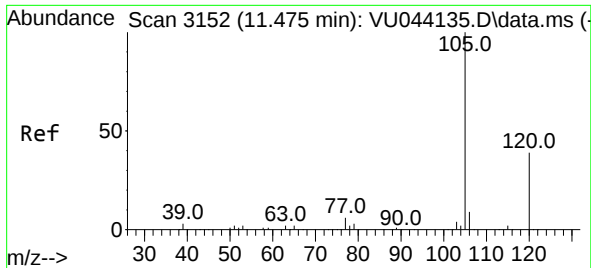
Tgt Ion: 75 Resp: 91687
Ion Ratio Lower Upper
75 100
77 1.2 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.351 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion: 75 Resp: 91687
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#

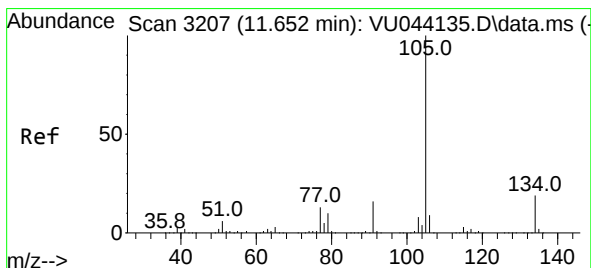
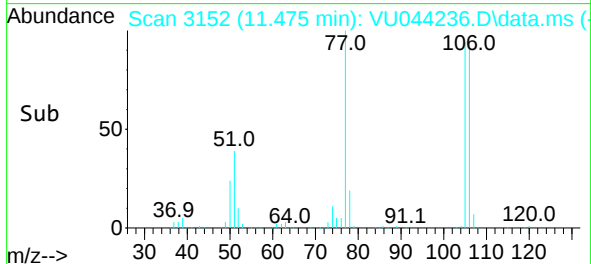
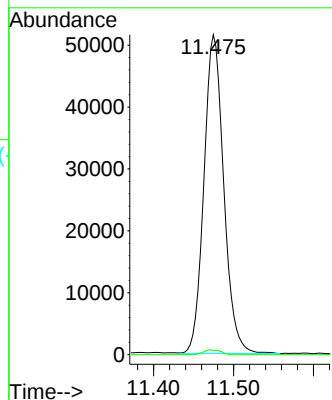
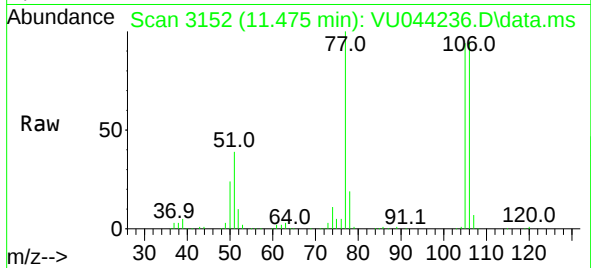




#84
1,2,4-Trimethylbenzene
Concen: 7.550 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

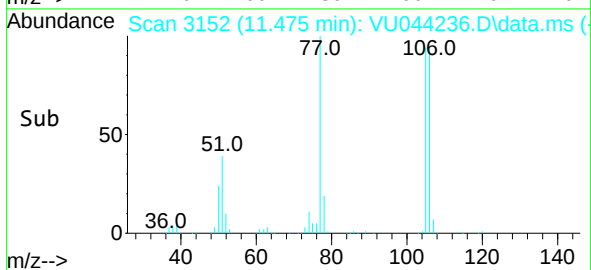
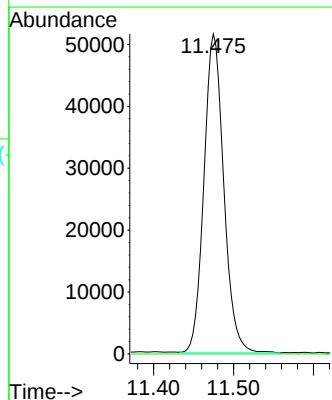
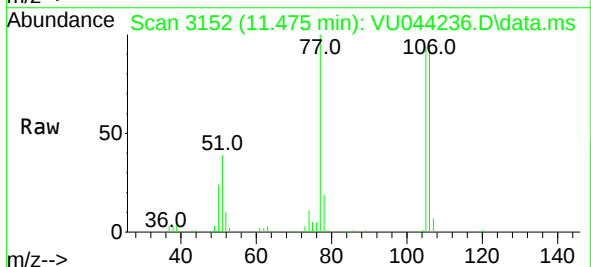
Instrument :
MSVOA_U
ClientSampled :

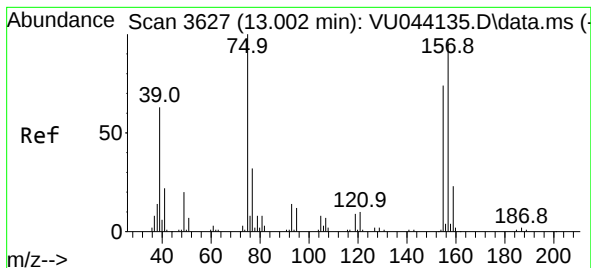
Tgt Ion:105 Resp: 88965
Ion Ratio Lower Upper
105 100
120 1.3 21.9 65.8#



#85
sec-Butylbenzene
Concen: 6.156 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.177 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

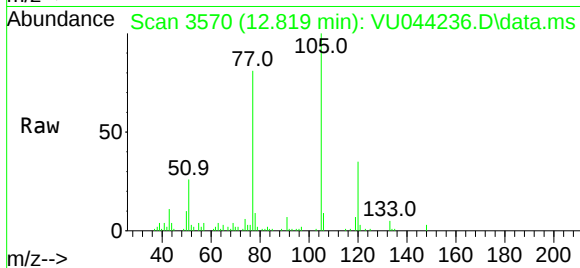
Tgt Ion:105 Resp: 88965
Ion Ratio Lower Upper
105 100
134 0.0 9.4 28.2#



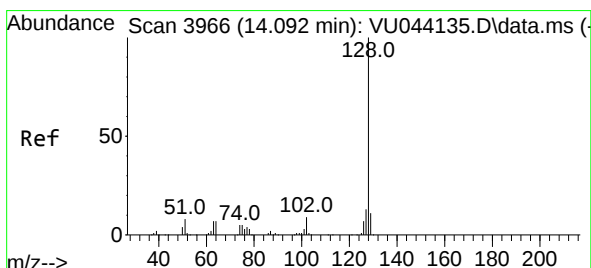
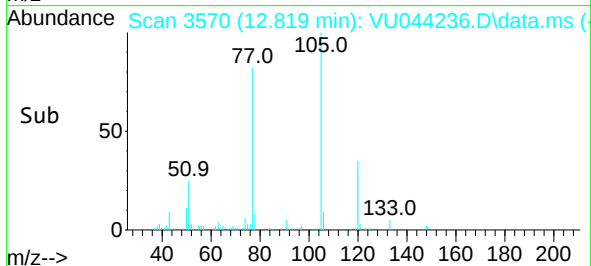
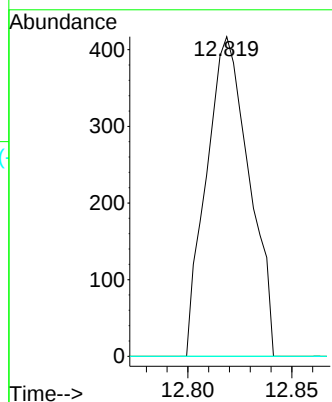


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.460 ug/l
RT: 12.819 min Scan# 3570
Delta R.T. -0.183 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
155 0.0 38.2 114.6#
157 0.0 48.3 144.9#



#95
Naphthalene
Concen: 3.542 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044236.D
Acq: 16 Jun 2021 13:25

Tgt Ion: 128 Resp: 10364
Ion Ratio Lower Upper
128 100
127 19.1 10.2 15.2#
129 14.4 8.6 13.0#

