

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045040.D
 Acq On : 30 Sep 2021 12:34
 Operator : SY/MD
 Sample : M3952-05DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 16:07:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	201715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	366270	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	350600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	164957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	161897	48.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.440%
35) Dibromofluoromethane	5.292	113	113357	49.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	7.902	98	466403	51.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.180%
62) 4-Bromofluorobenzene	10.635	95	179353	47.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%

Target Compounds				Qvalue		
3) Chloromethane	1.520	50	749	0.231	ug/l	92
4) Vinyl Chloride	1.475	62	1236	0.383	ug/l #	1
5) Bromomethane	1.835	94	916	0.723	ug/l	94
10) Methyl Iodide	2.723	142	1194	0.461	ug/l #	75
13) Acrolein	2.481	56	41	3.340	ug/l #	1
14) Allyl chloride	2.960	41	971	0.219	ug/l #	75
16) Acetone	2.629	43	3967	1.990	ug/l	96
18) Methyl Acetate	2.960	43	2022	0.347	ug/l #	64
20) Methylene Chloride	3.044	84	1106	0.368	ug/l #	88
23) Vinyl Acetate	3.700	43	8249	1.122	ug/l #	43
25) 2-Butanone	4.719	43	1923	0.679	ug/l	97
29) Tetrahydrofuran	5.070	42	434	0.257	ug/l #	54
31) Cyclohexane	5.388	56	32841	6.439	ug/l #	88
36) 1,1-Dichloropropene	5.375	75	18938	4.944	ug/l #	49
37) Ethyl Acetate	4.719	43	1923	0.379	ug/l #	69
38) Carbon Tetrachloride	5.378	117	21123	6.373	ug/l #	16
39) Methylcyclohexane	6.764	83	46004	9.784	ug/l	96
40) Benzene	5.777	78	1027516	90.069	ug/l	100
42) 1,2-Dichloroethane	5.777	62	9595	2.140	ug/l #	75
48) Methyl methacrylate	6.983	41	3385	0.912	ug/l #	61
49) 1,4-Dioxane	6.976	88	19	Below Cal	#	1
51) 4-Methyl-2-Pentanone	7.796	43	3118	0.562	ug/l	94
52) Toluene	7.973	92	23855	3.341	ug/l	98
55) 1,1,2-Trichloroethane	8.372	97	3697	1.243	ug/l #	18
56) Ethyl methacrylate	8.343	69	616	1.924	ug/l #	24
59) 2-Hexanone	8.690	43	3464	0.766	ug/l	97
60) Dibromochloromethane	8.555	129	201	2.237	ug/l #	10
67) Ethyl Benzene	9.574	91	50306	3.719	ug/l	99
68) m/p-Xylenes	9.697	106	85809	16.329	ug/l	98
69) o-Xylene	10.102	106	2737	0.525	ug/l	96
73) Isopropylbenzene	10.487	105	12988	1.057	ug/l	97
74) N-amyl acetate	10.323	43	1744	0.282	ug/l #	89
76) 1,2,3-Trichloropropane	10.635	75	95228	19.792	ug/l #	41
78) n-propylbenzene	10.909	91	19160	1.280	ug/l	100
79) 2-Chlorotoluene	10.999	91	8760	0.934	ug/l #	49
80) 1,3,5-Trimethylbenzene	11.092	105	29216	2.715	ug/l	98

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

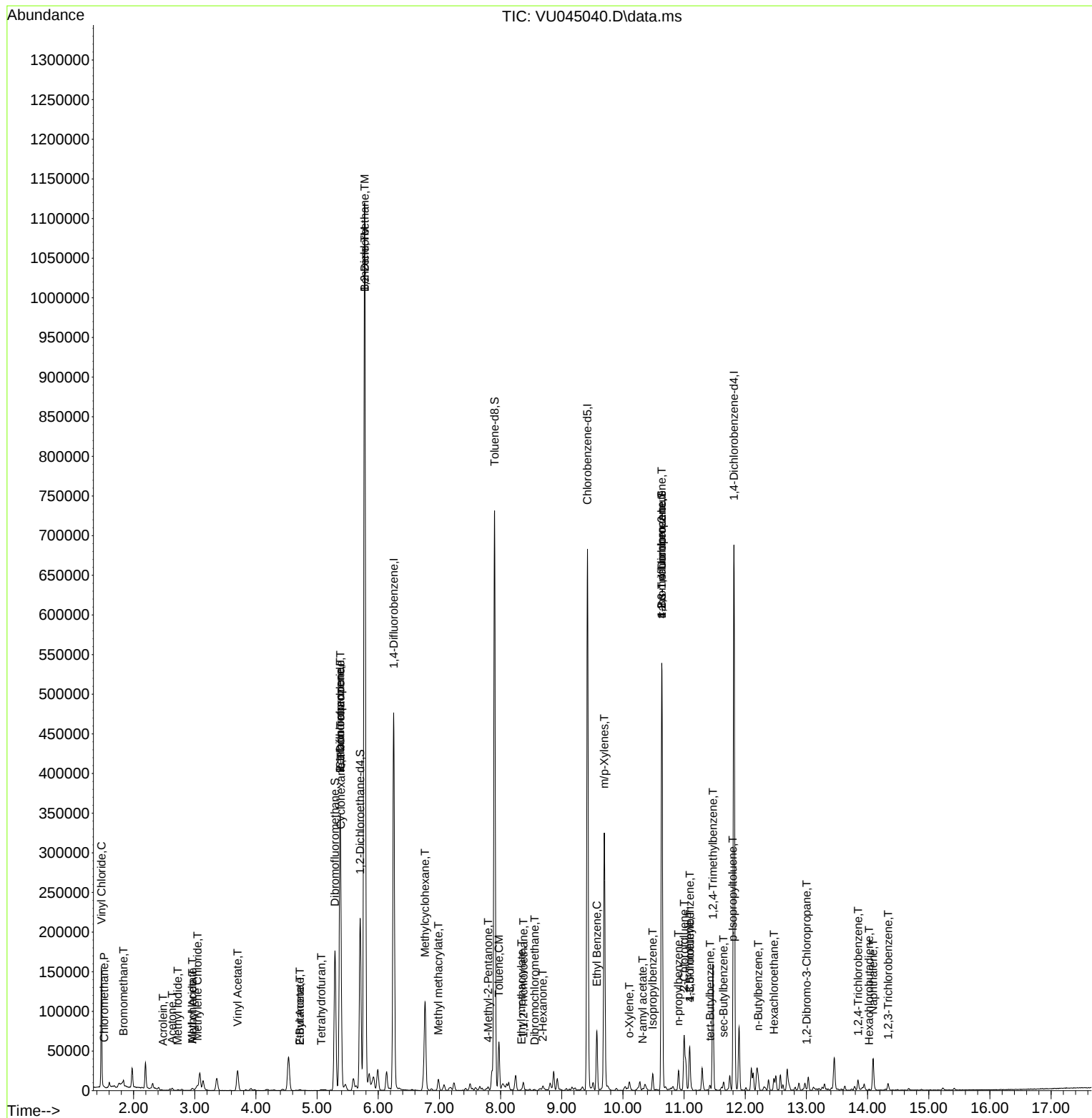
81) trans-1,4-Dichloro-2-b...	10.635	75	95228	54.926	ug/l	#	9
82) 4-Chlorotoluene	11.092	91	4441	0.419	ug/l	#	63
83) tert-Butylbenzene	11.426	119	2496	0.238	ug/l		82
84) 1,2,4-Trimethylbenzene	11.471	105	83893	7.880	ug/l		99
85) sec-Butylbenzene	11.645	105	7089	0.526	ug/l		95
86) p-Isopropyltoluene	11.796	119	6256	0.577	ug/l		89
89) n-Butylbenzene	12.211	91	8644	0.866	ug/l	#	56
90) Hexachloroethane	12.468	117	908	0.464	ug/l	#	15
92) 1,2-Dibromo-3-Chloropr...	13.002	75	360	0.287	ug/l	#	53
93) 1,2,4-Trichlorobenzene	13.844	180	2199	0.680	ug/l		90
94) Hexachlorobutadiene	14.024	225	386	0.286	ug/l	#	70
95) Naphthalene	14.092	128	32990	2.710	ug/l		99
96) 1,2,3-Trichlorobenzene	14.336	180	2688	0.827	ug/l	#	89

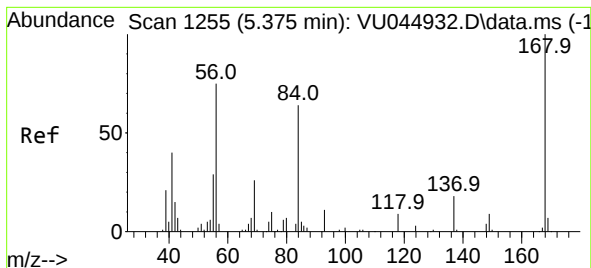
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VU045040.D

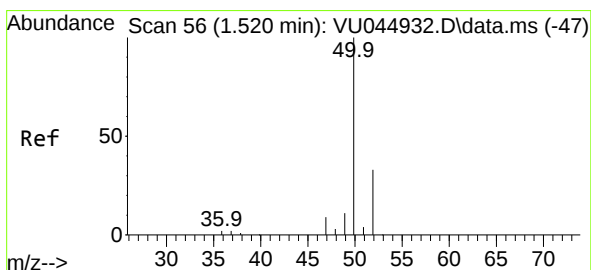
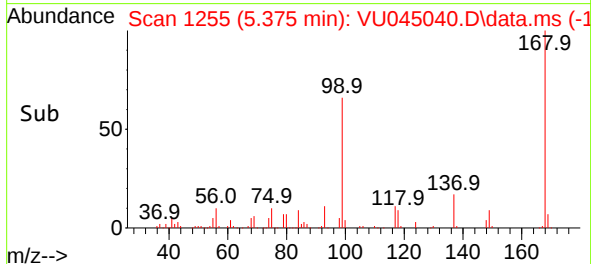
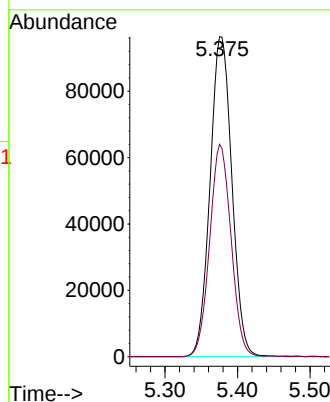
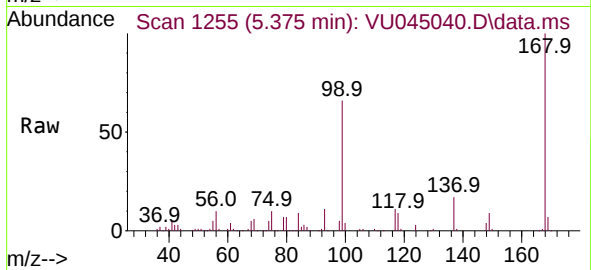
Acq: 30 Sep 2021 12:34

Tgt Ion:168 Resp: 201715

Ion Ratio Lower Upper

168 100

99 66.4 51.4 77.0



#3

Chloromethane

Concen: 0.231 ug/l

RT: 1.520 min Scan# 56

Delta R.T. 0.000 min

Lab File: VU045040.D

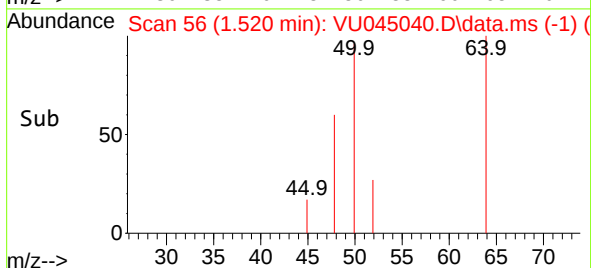
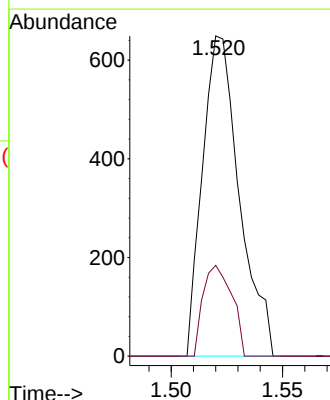
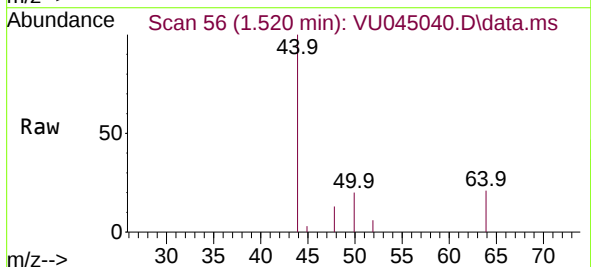
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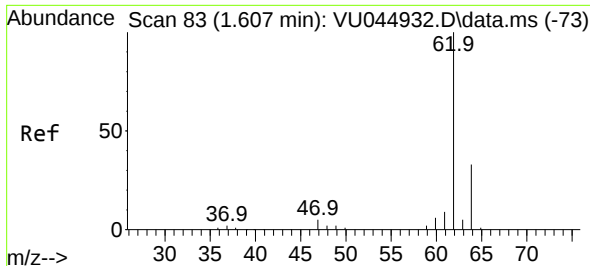
Tgt Ion: 50 Resp: 749

Ion Ratio Lower Upper

50 100

52 28.4 26.3 39.5

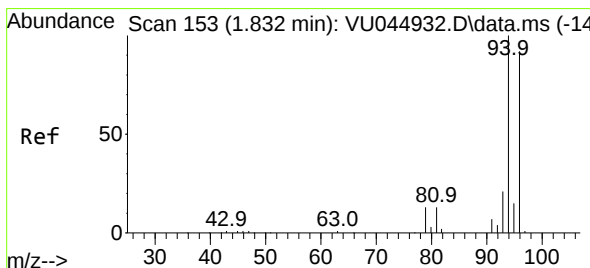
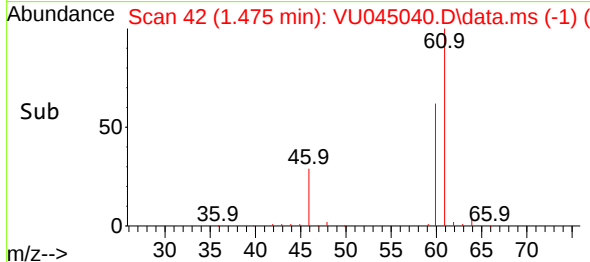
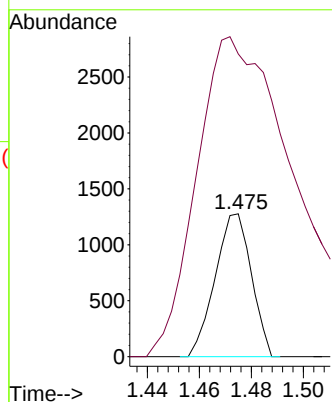
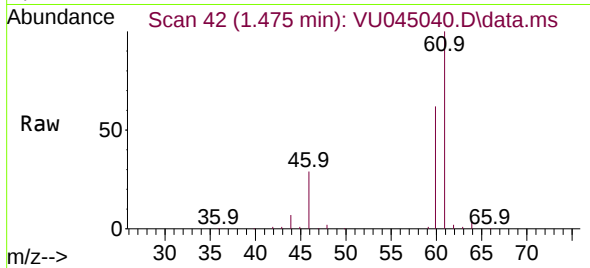




#4
 Vinyl Chloride
 Concen: 0.383 ug/l
 RT: 1.475 min Scan# 42
 Delta R.T. -0.132 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

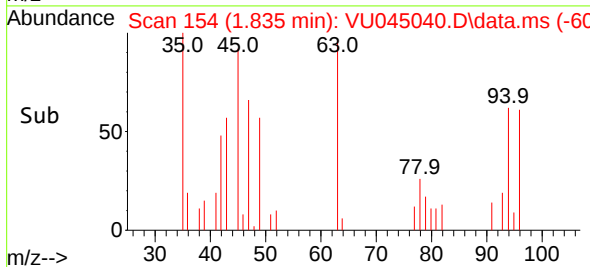
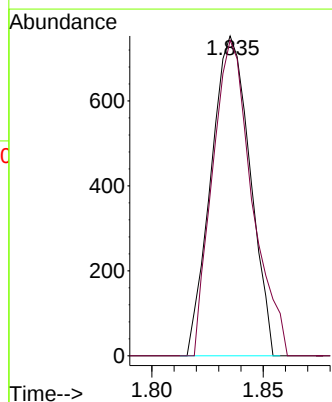
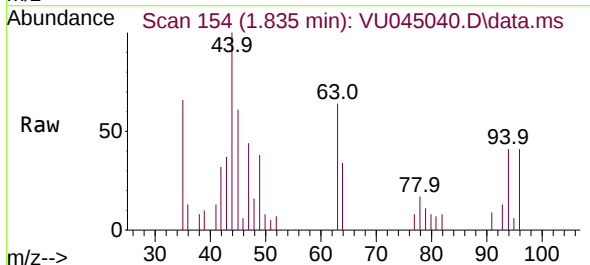
Instrument :
 MSVOA_U
 ClientSampled :

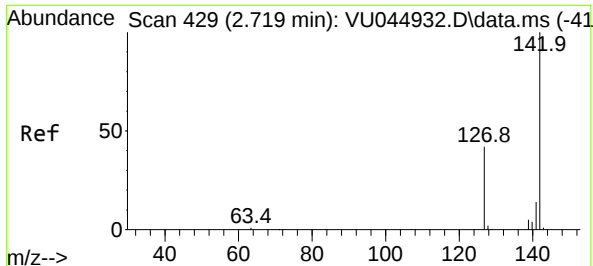
Tgt Ion: 62 Resp: 1236
 Ion Ratio Lower Upper
 62 100
 64 154.4 25.6 38.4#



#5
 Bromomethane
 Concen: 0.723 ug/l
 RT: 1.835 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

Tgt Ion: 94 Resp: 916
 Ion Ratio Lower Upper
 94 100
 96 98.7 74.5 111.7

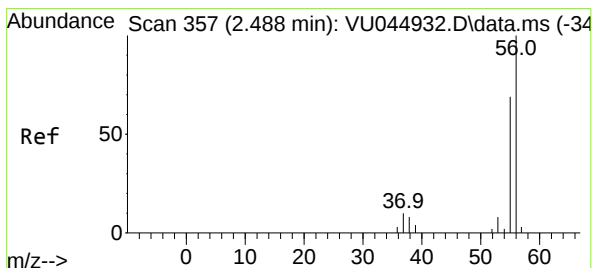
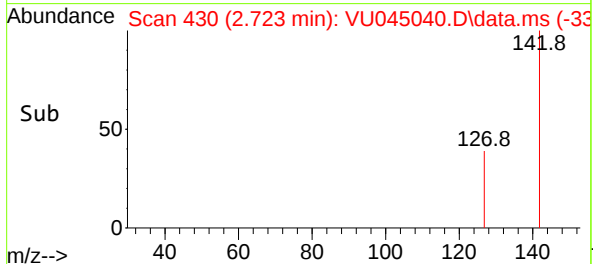
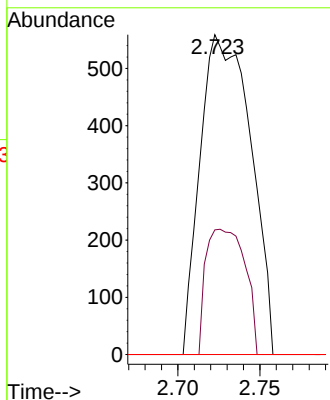
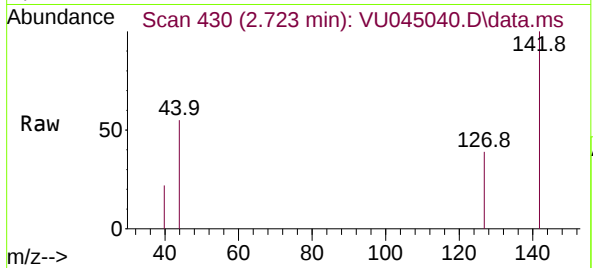




#10
Methyl Iodide
Concen: 0.461 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

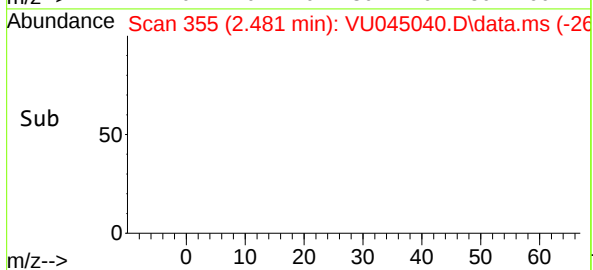
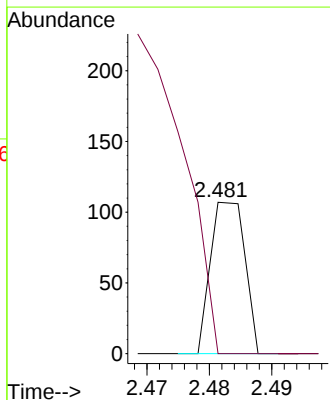
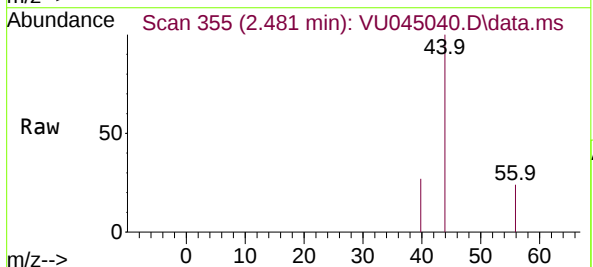
Instrument :
MSVOA_U
ClientSampleId :

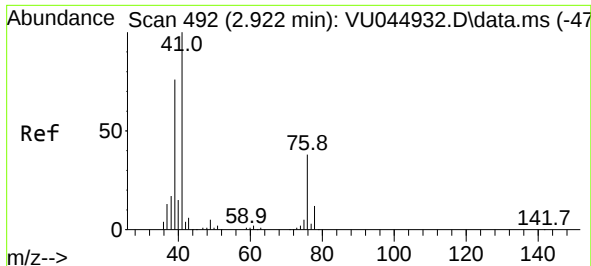
Tgt Ion:142 Resp: 1194
Ion Ratio Lower Upper
142 100
127 30.3 35.6 53.4#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 3.340 ug/l
RT: 2.481 min Scan# 355
Delta R.T. -0.007 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

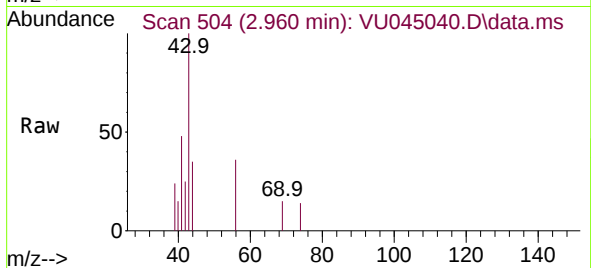
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 943.9 57.4 86.0#



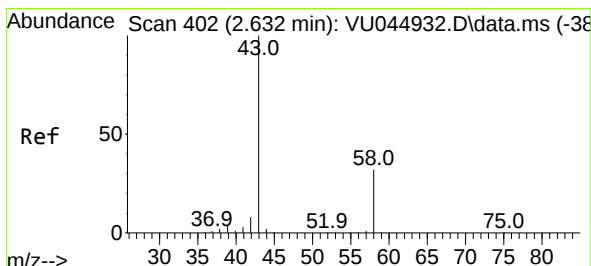
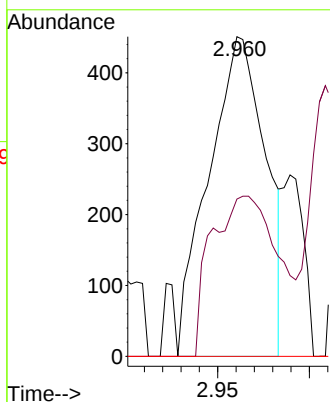
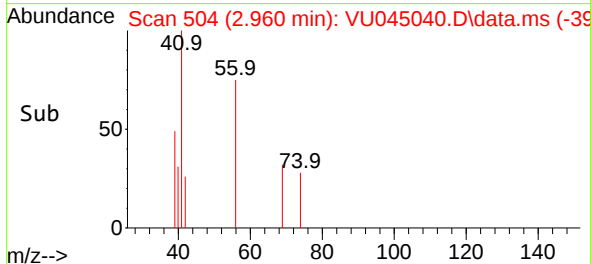


#14
 Allyl chloride
 Concen: 0.219 ug/l
 RT: 2.960 min Scan# 504
 Delta R.T. 0.038 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

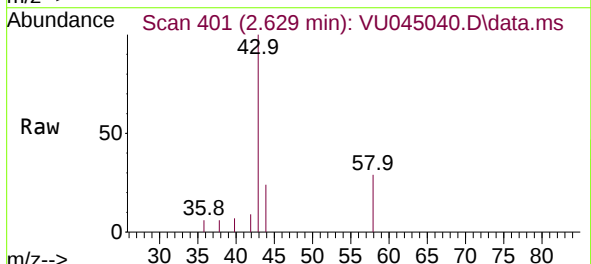
Instrument :
 MSVOA_U
 ClientSampled :



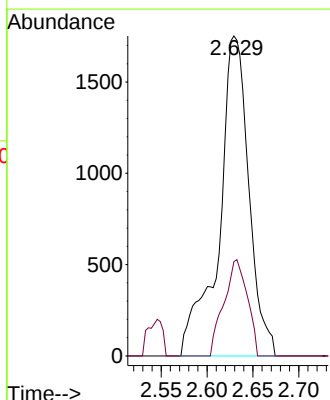
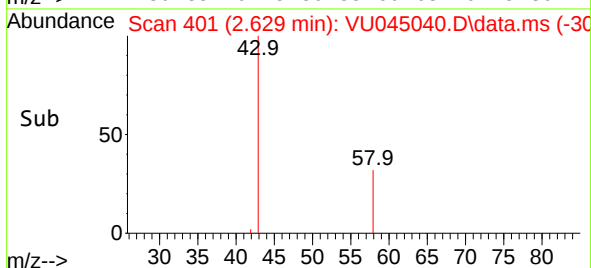
Tgt Ion: 41 Resp: 971
 Ion Ratio Lower Upper
 41 100
 39 59.0 53.0 79.6
 76 0.0 25.7 38.5#

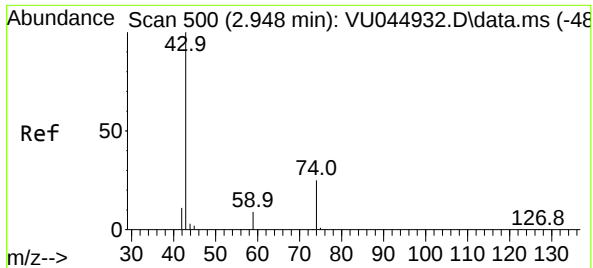


#16
 Acetone
 Concen: 1.990 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34



Tgt Ion: 43 Resp: 3967
 Ion Ratio Lower Upper
 43 100
 58 29.5 25.2 37.8

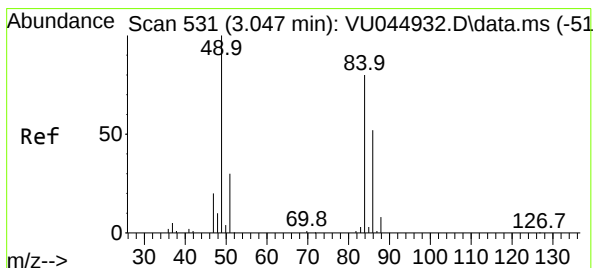
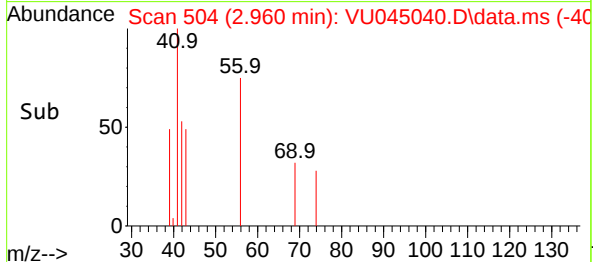
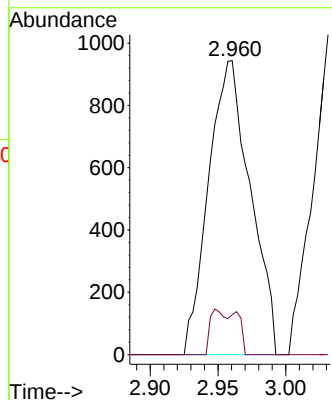
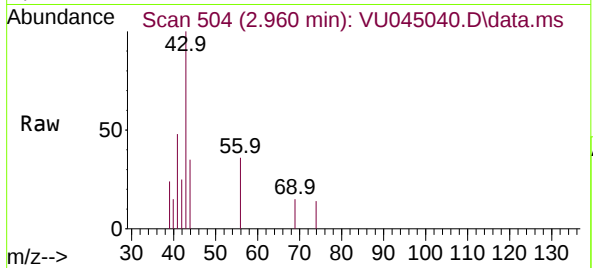




#18
Methyl Acetate
Concen: 0.347 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.012 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

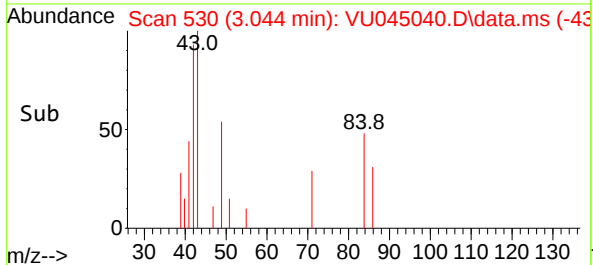
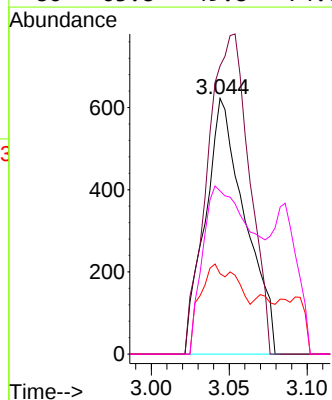
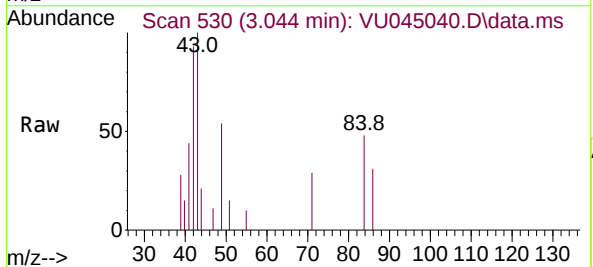
Instrument :
MSVOA_U
ClientSampled :

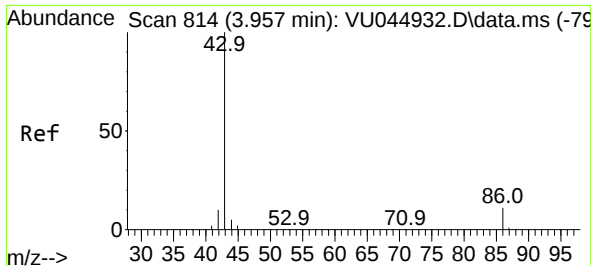
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
74 6.1 19.0 28.6#



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 84 Resp: 1106
Ion Ratio Lower Upper
84 100
49 112.7 104.9 157.3
51 31.5 31.8 47.8#
86 63.8 49.8 74.6

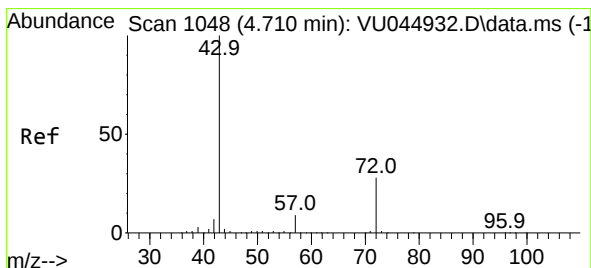
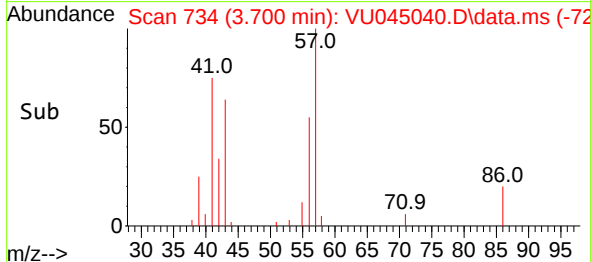
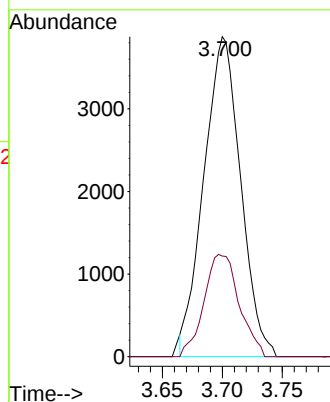
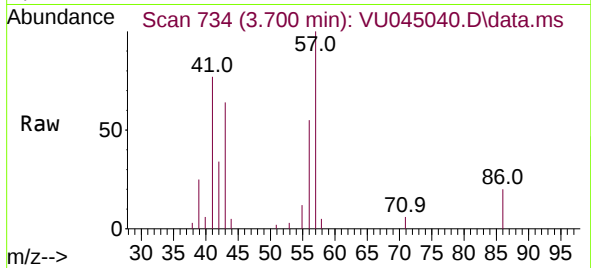




#23
 Vinyl Acetate
 Concen: 1.122 ug/l
 RT: 3.700 min Scan# 734
 Delta R.T. -0.257 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

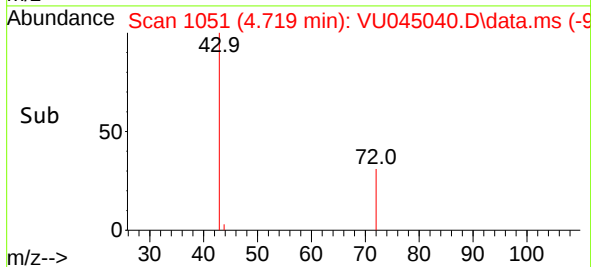
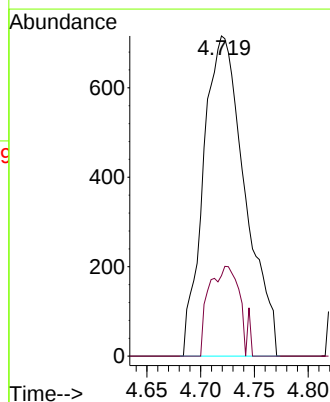
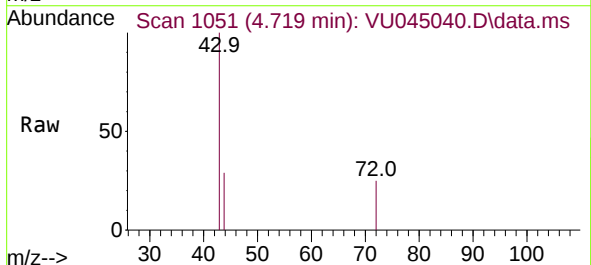
Instrument :
 MSVOA_U
 ClientSampleId :

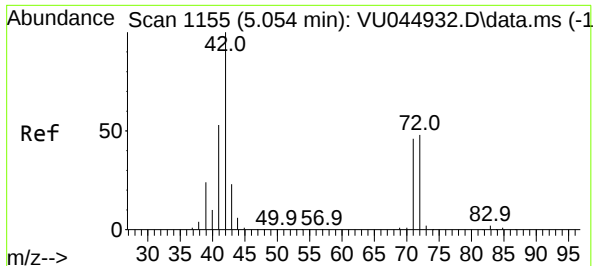
Tgt Ion: 43 Resp: 8249
 Ion Ratio Lower Upper
 43 100
 86 31.5 8.2 12.4#



#25
 2-Butanone
 Concen: 0.679 ug/l
 RT: 4.719 min Scan# 1051
 Delta R.T. 0.009 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

Tgt Ion: 43 Resp: 1923
 Ion Ratio Lower Upper
 43 100
 72 25.1 21.3 31.9





#29

Tetrahydrofuran

Concen: 0.257 ug/l

RT: 5.070 min Scan# 1160

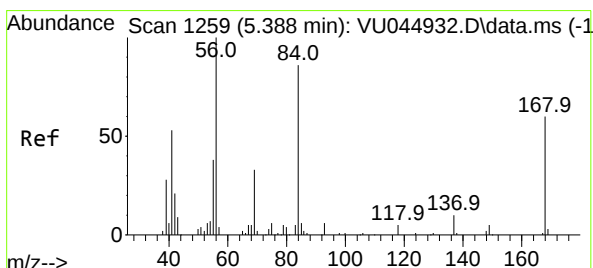
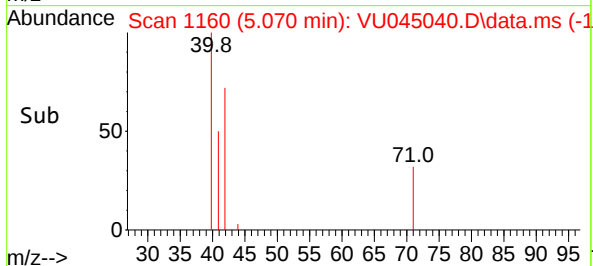
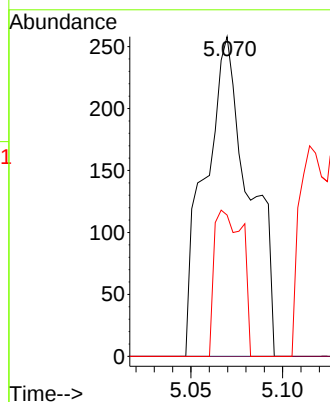
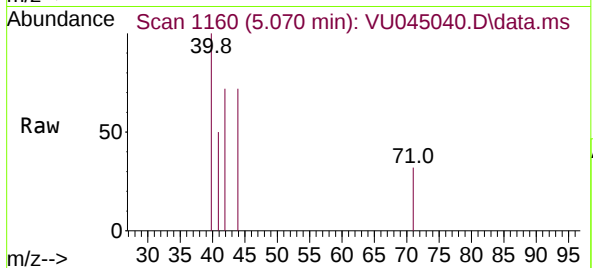
Delta R.T. 0.016 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	42	Resp:	434
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	28.8	34.1	51.1#



#31

Cyclohexane

Concen: 6.439 ug/l

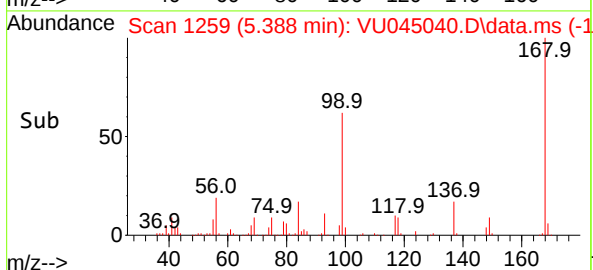
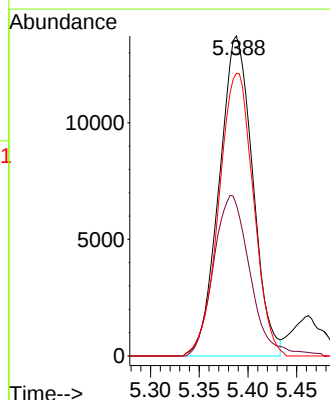
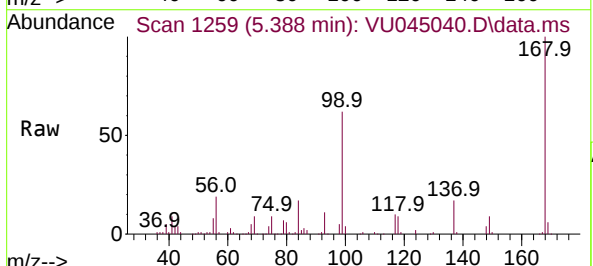
RT: 5.388 min Scan# 1259

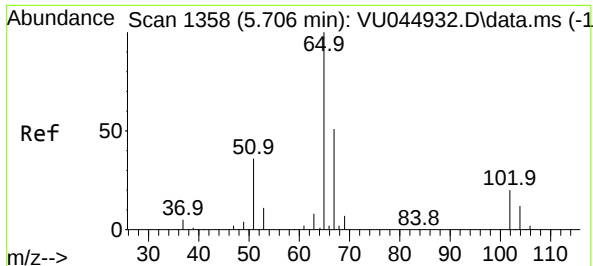
Delta R.T. 0.000 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion:	56	Resp:	32841
Ion	Ratio	Lower	Upper
56	100		
69	47.3	25.2	37.8#
84	88.3	66.4	99.6



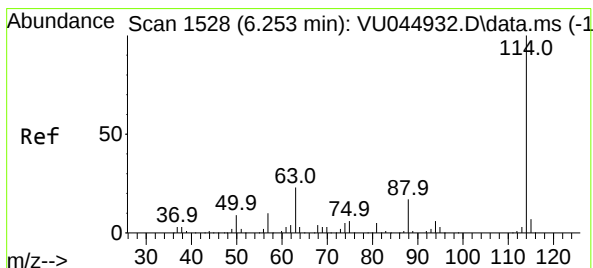
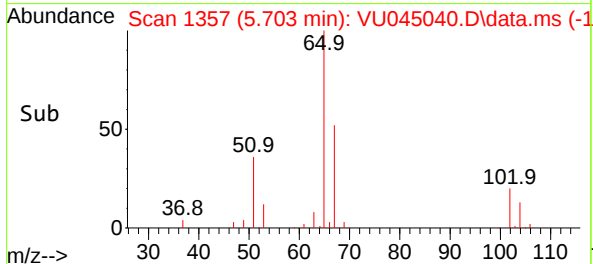
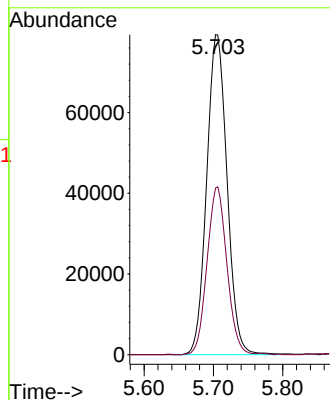
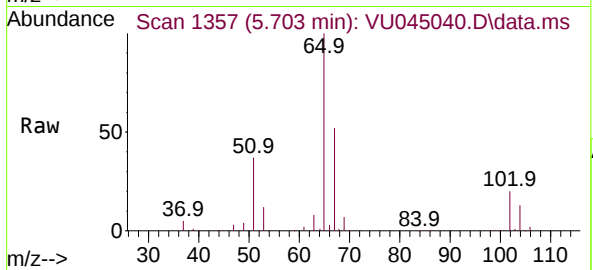


#33

1,2-Dichloroethane-d4
Concen: 48.215 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampled :

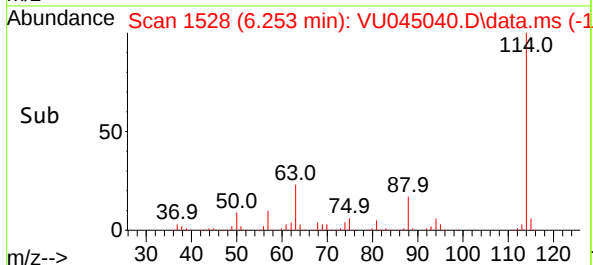
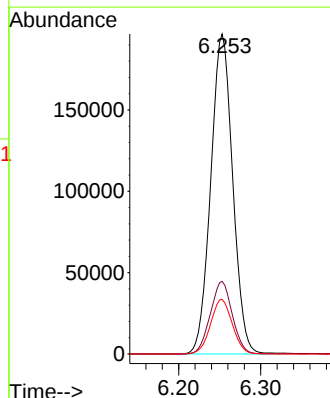
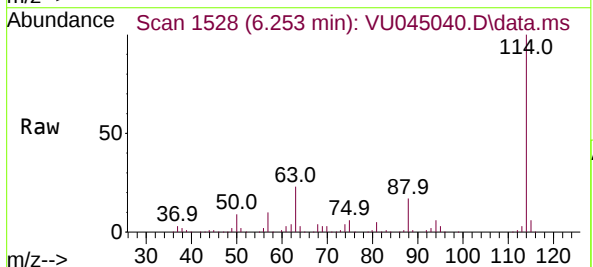
Tgt Ion: 65 Resp: 161897
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

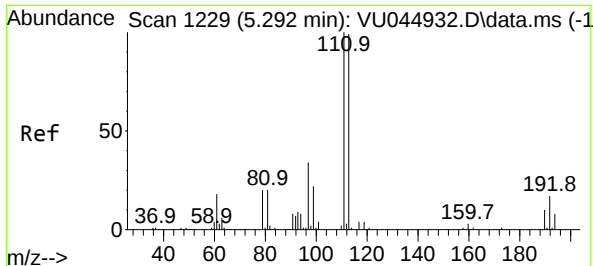


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

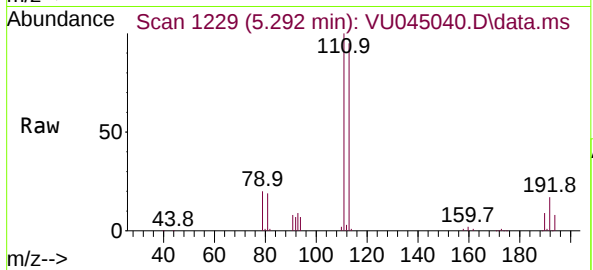
Tgt Ion: 114 Resp: 366270
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 17.0 0.0 32.8



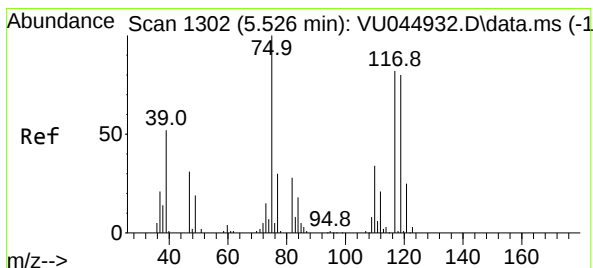
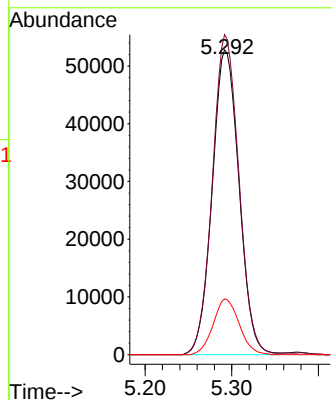
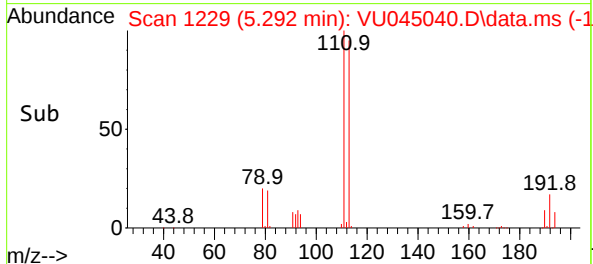


#35
Dibromofluoromethane
Concen: 49.061 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

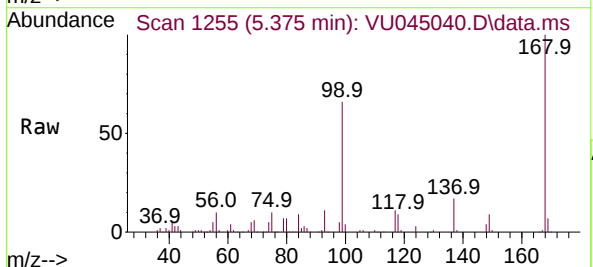
Instrument :
MSVOA_U
ClientSampled :



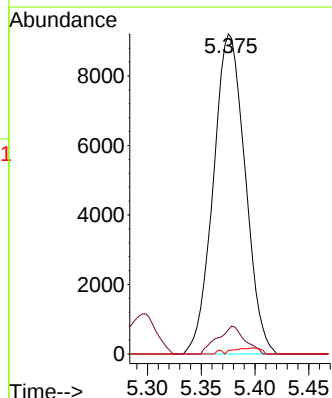
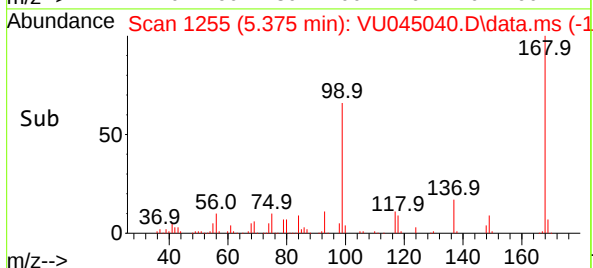
Tgt Ion:113 Resp: 113357
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 17.8 14.8 22.2

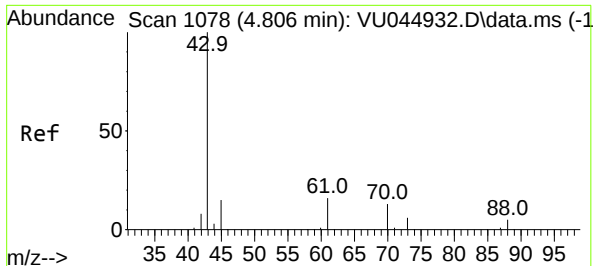


#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34



Tgt Ion: 75 Resp: 18938
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.379 ug/l

RT: 4.719 min Scan# 1051

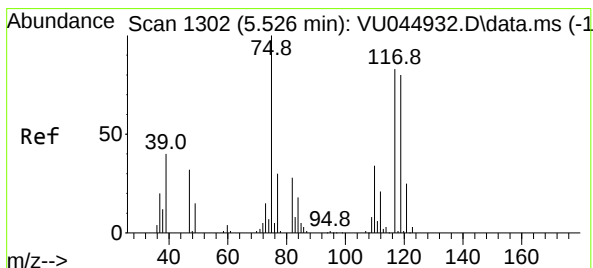
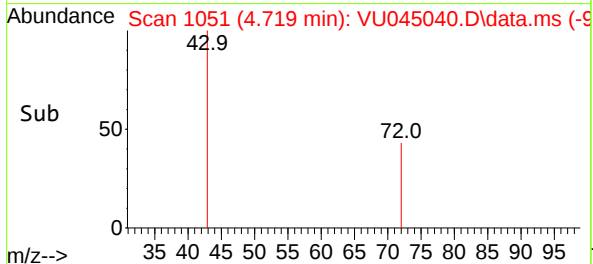
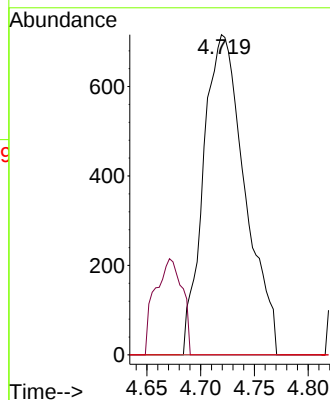
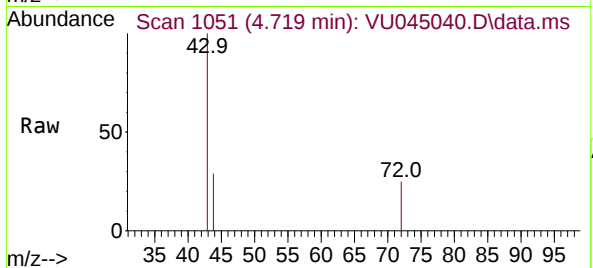
Delta R.T. -0.087 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	1923
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	8.2	12.4#



#38

Carbon Tetrachloride

Concen: 6.373 ug/l

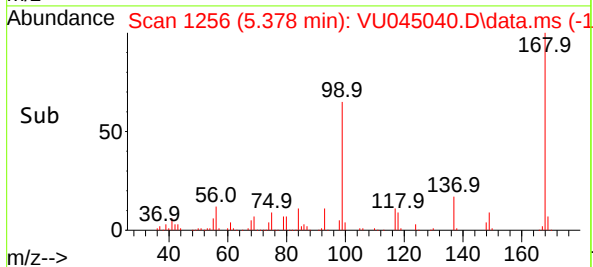
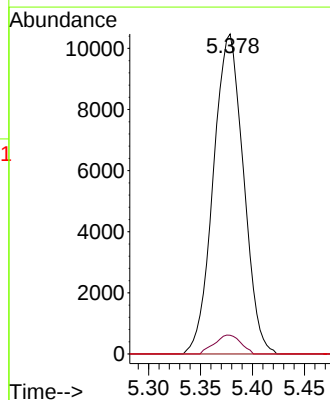
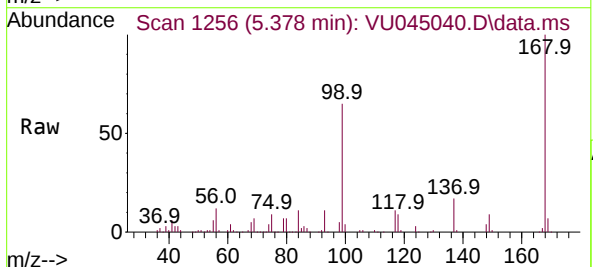
RT: 5.378 min Scan# 1256

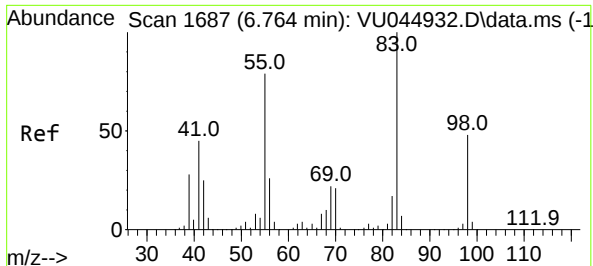
Delta R.T. -0.148 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion:	117	Resp:	21123
Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.2#
121	0.0	24.5	36.7#





#39

Methylcyclohexane

Concen: 9.784 ug/l

RT: 6.764 min Scan# 1687

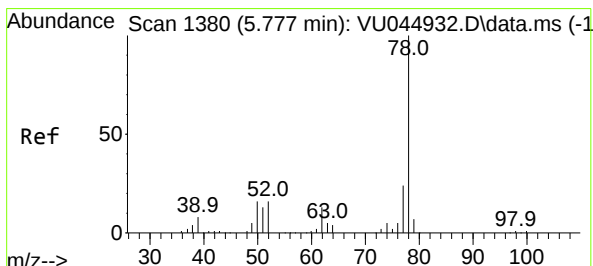
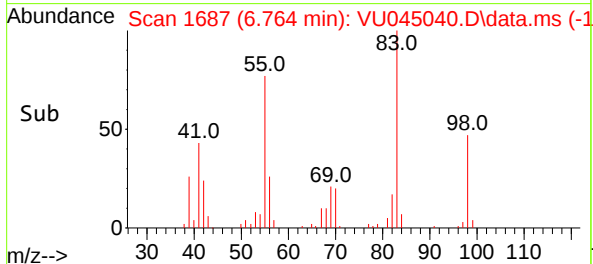
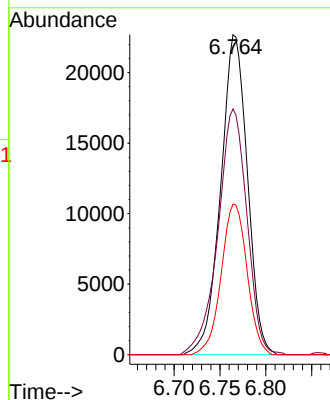
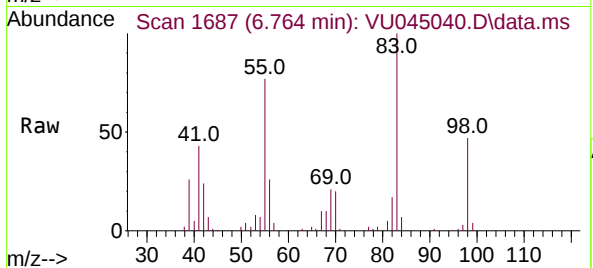
Delta R.T. 0.000 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion:	83	Resp:	46004
Ion Ratio	Lower	Upper	
83	100		
55	76.8	66.2	99.4
98	47.0	37.5	56.3

Instrument :
MSVOA_U
ClientSampleId :



#40

Benzene

Concen: 90.069 ug/l

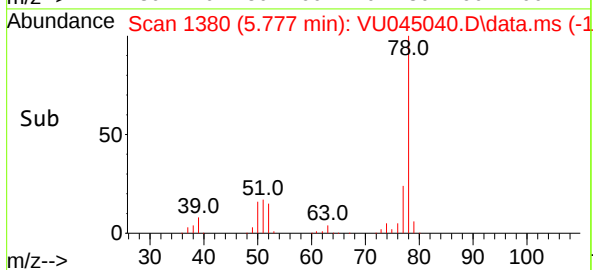
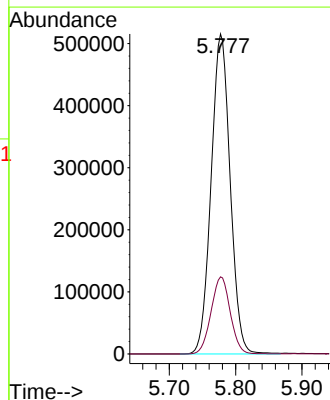
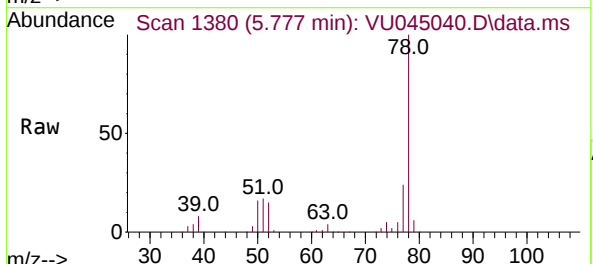
RT: 5.777 min Scan# 1380

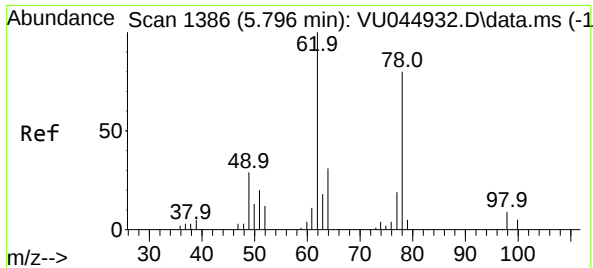
Delta R.T. 0.000 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion:	78	Resp:	1027516
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.1	28.7





#42

1,2-Dichloroethane

Concen: 2.140 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU045040.D

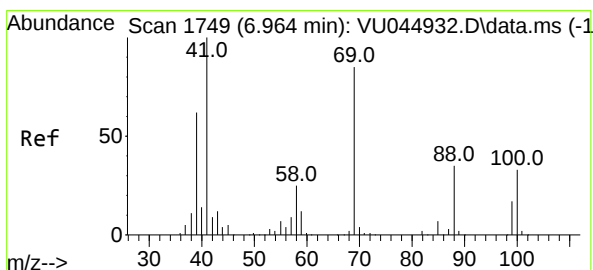
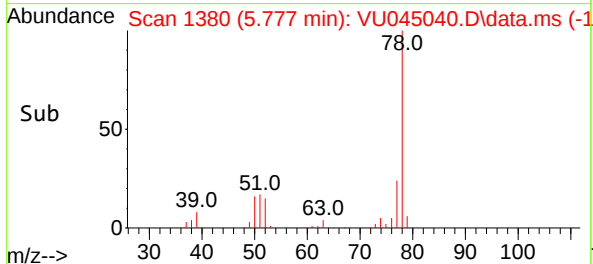
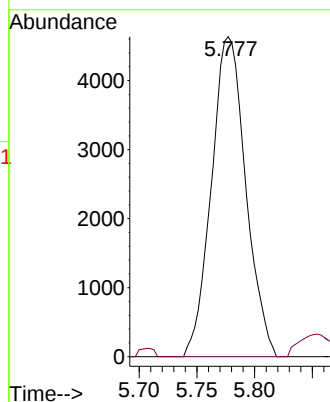
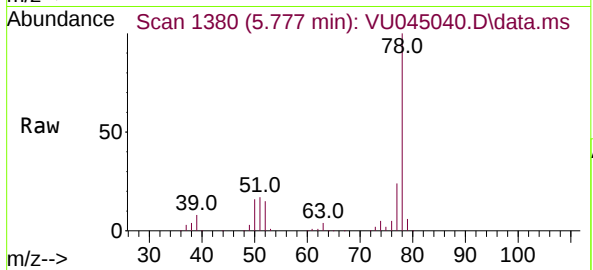
Acq: 30 Sep 2021 12:34

Tgt Ion: 62 Resp: 9595

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#48

Methyl methacrylate

Concen: 0.912 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.019 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

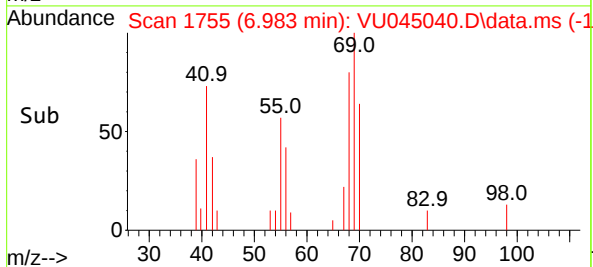
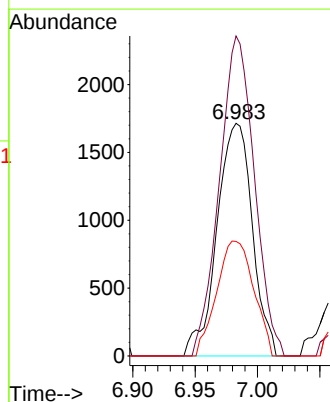
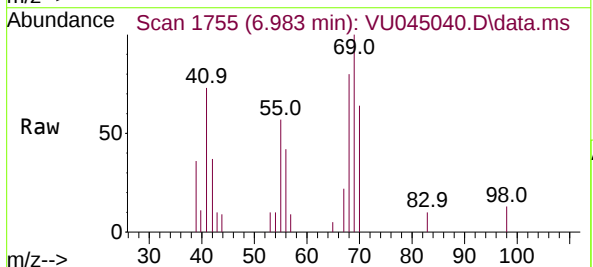
Tgt Ion: 41 Resp: 3385

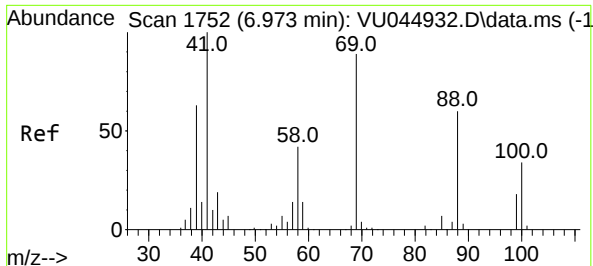
Ion Ratio Lower Upper

41 100

69 136.0 65.6 98.4#

39 51.7 46.2 69.4





#49

1,4-Dioxane

Concen: Below Cal

RT: 6.976 min Scan# 1753

Delta R.T. 0.003 min

Lab File: VU045040.D

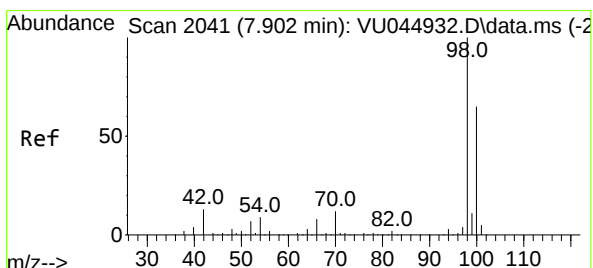
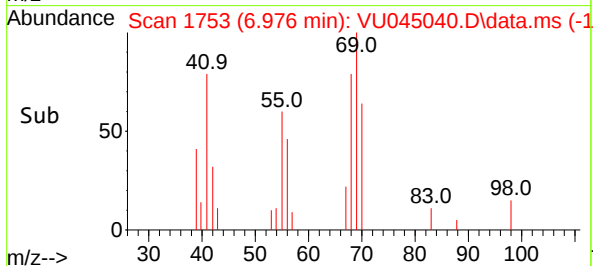
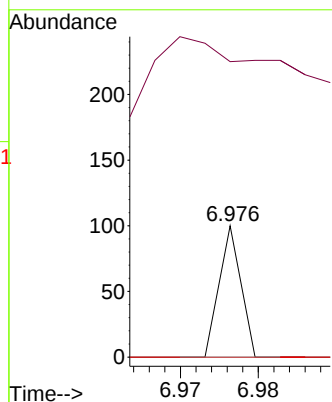
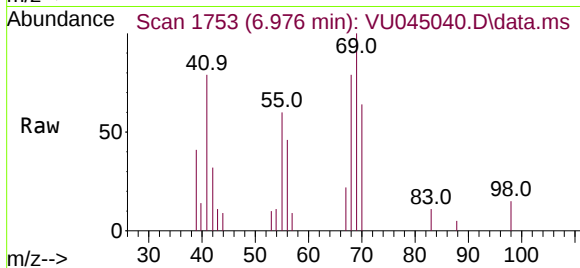
Acq: 30 Sep 2021 12:34

Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88	100		
43	3131.6	25.8	38.6#
58	0.0	61.3	91.9#

Instrument :
MSVOA_U
ClientSampled :



#50

Toluene-d8

Concen: 51.088 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

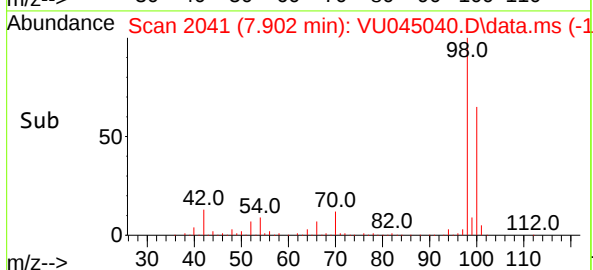
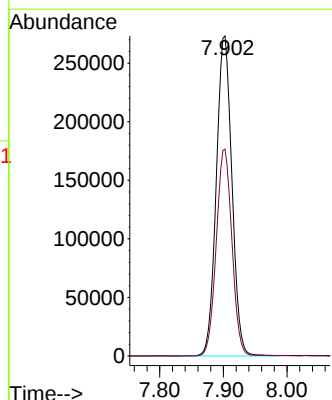
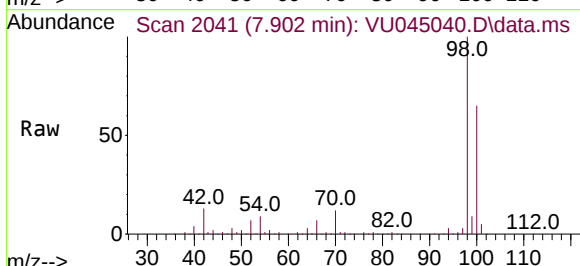
Lab File: VU045040.D

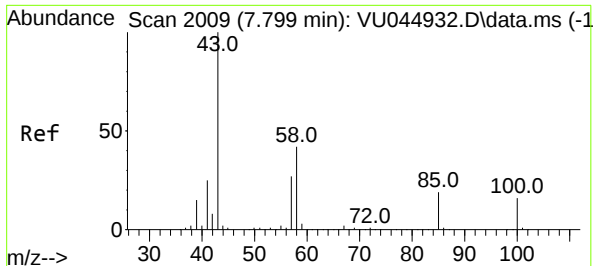
Acq: 30 Sep 2021 12:34

Tgt Ion: 98 Resp: 466403

Ion Ratio Lower Upper

98	100		
100	64.8	52.5	78.7

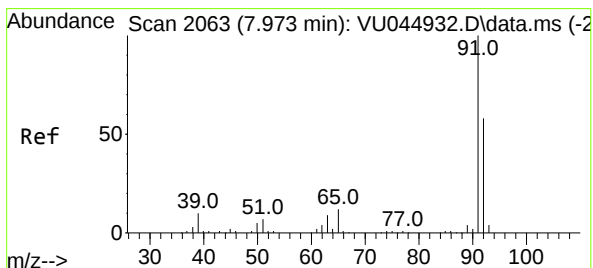
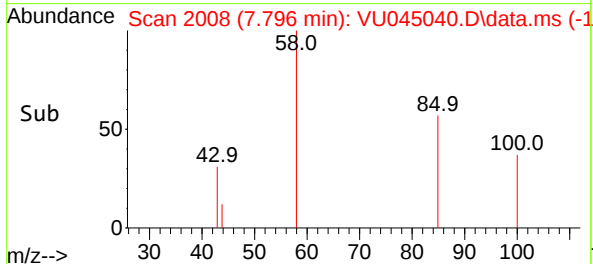
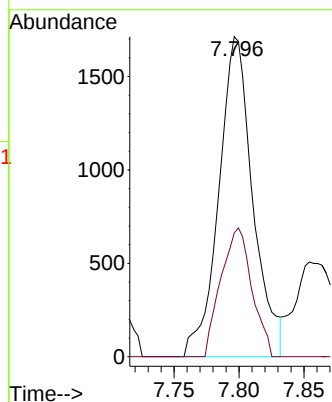
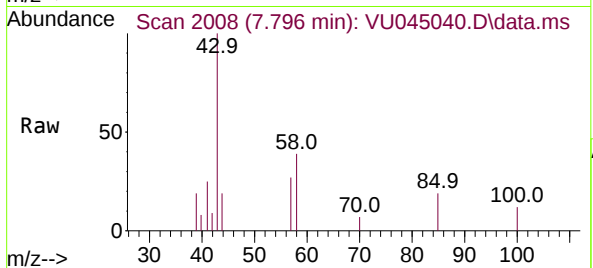




#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

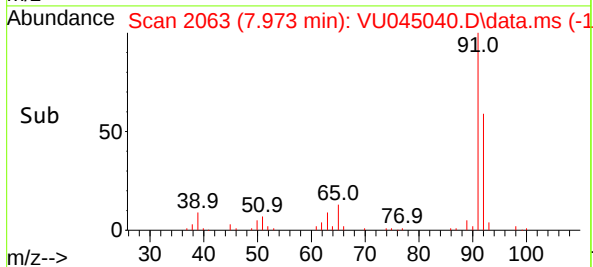
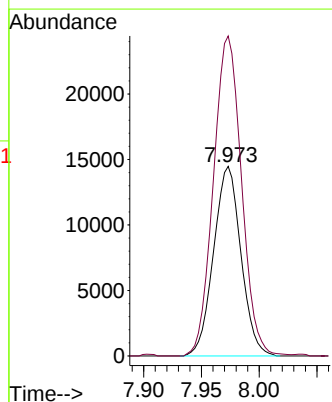
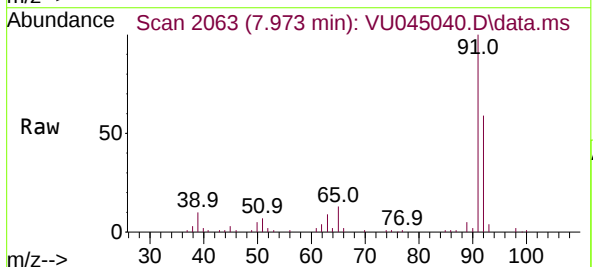
Instrument :
MSVOA_U
ClientSampled :

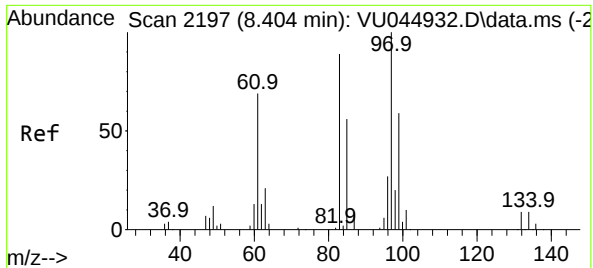
Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
58 36.7 32.4 48.6



#52
Toluene
Concen: 3.341 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

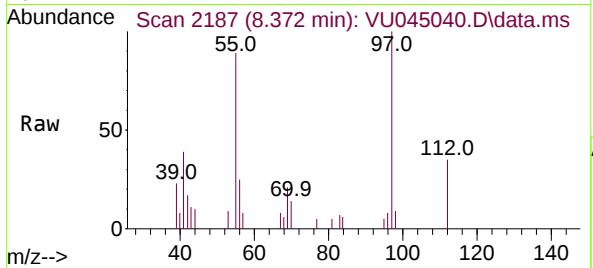
Tgt Ion: 92 Resp: 23855
Ion Ratio Lower Upper
92 100
91 173.5 136.9 205.3



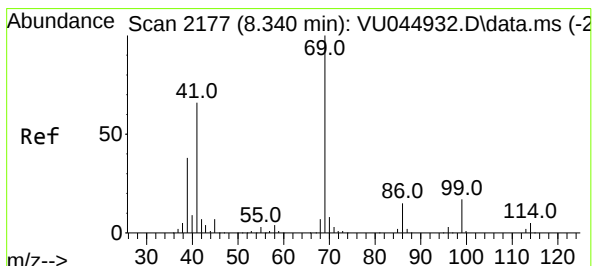
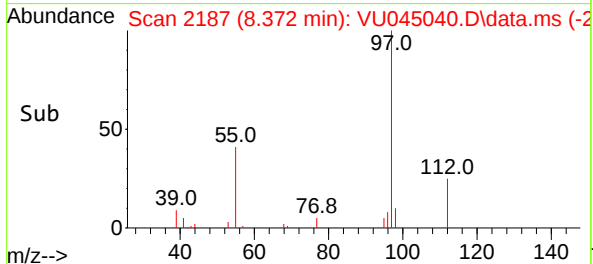
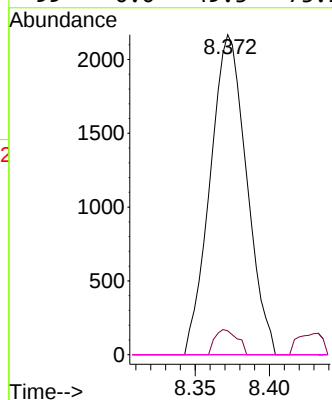


#55
1,1,2-Trichloroethane
Concen: 1.243 ug/l
RT: 8.372 min Scan# 2187
Delta R.T. -0.032 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :

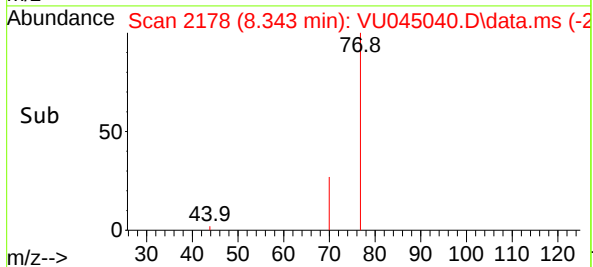
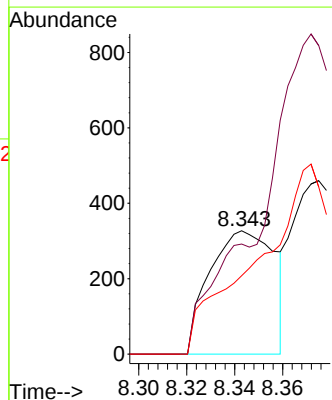
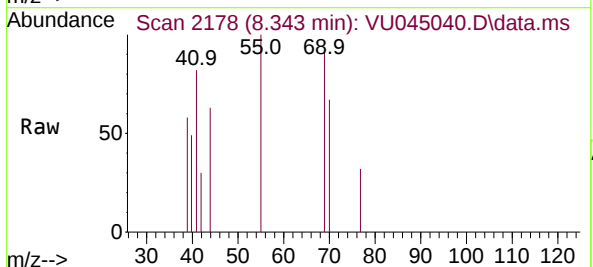


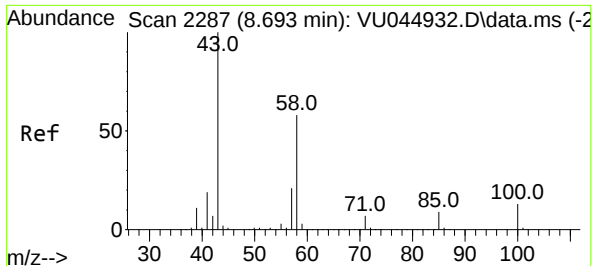
Tgt Ion	Ratio	Lower	Upper
97	100		
83	7.5	69.7	104.5#
85	0.0	44.8	67.2#
99	0.0	49.3	73.9#



#56
Ethyl methacrylate
Concen: 1.924 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	53.5	80.3#
39	0.0	31.1	46.7#





#59

2-Hexanone

Concen: 0.766 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.003 min

Lab File: VU045040.D

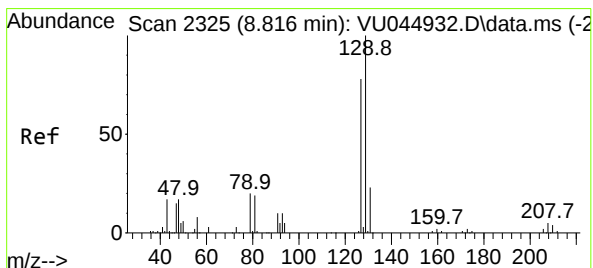
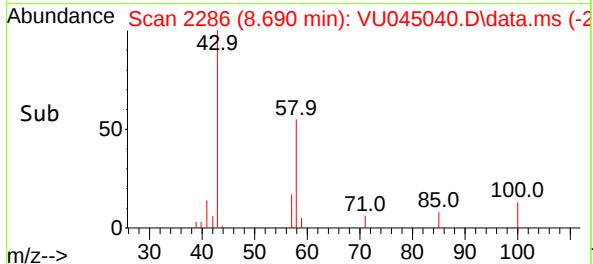
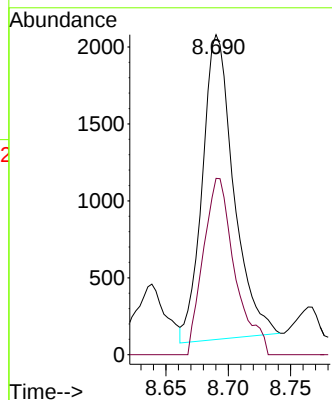
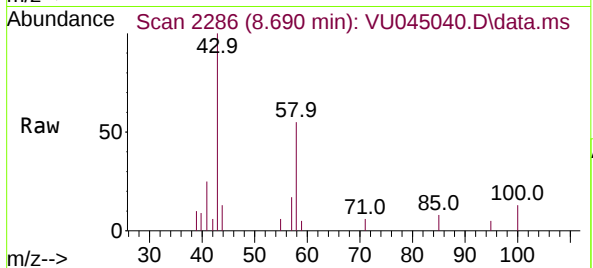
Acq: 30 Sep 2021 12:34

Tgt Ion: 43 Resp: 3464

Ion Ratio Lower Upper

43 100

58 58.3 28.0 84.0



#60

Dibromochloromethane

Concen: 2.237 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. -0.261 min

Lab File: VU045040.D

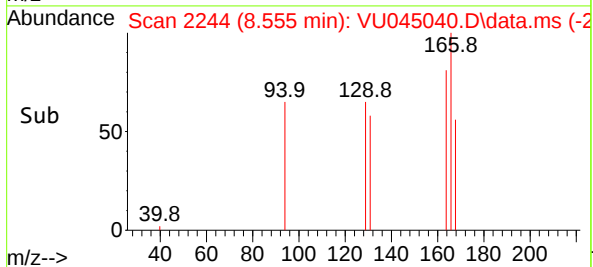
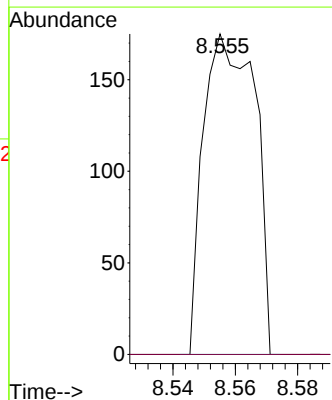
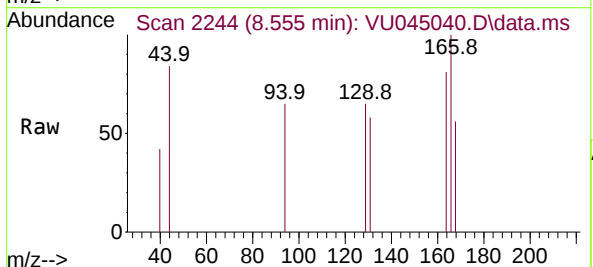
Acq: 30 Sep 2021 12:34

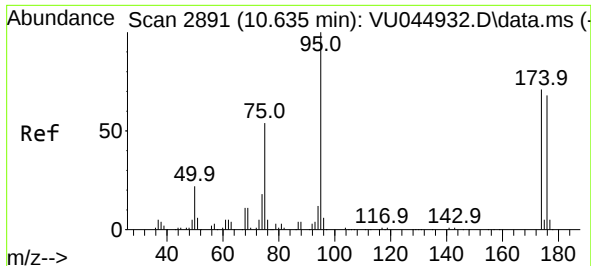
Tgt Ion: 129 Resp: 201

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

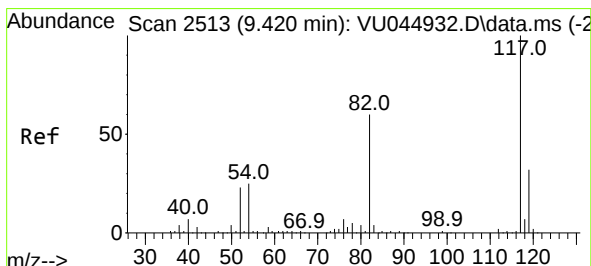
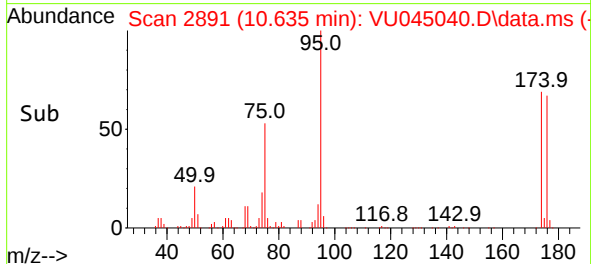
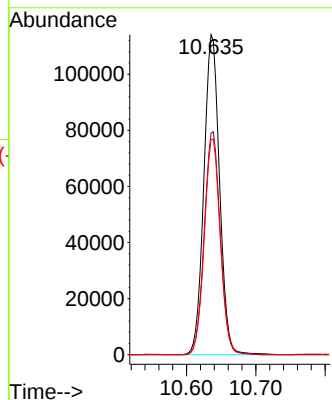
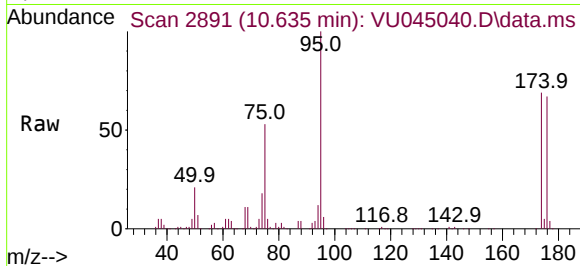




#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

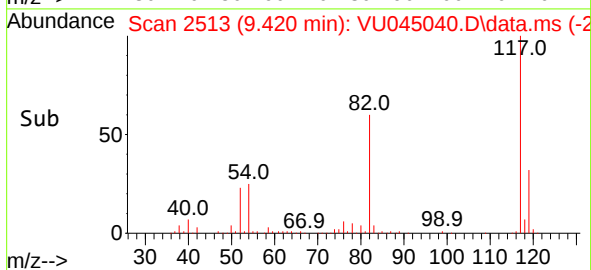
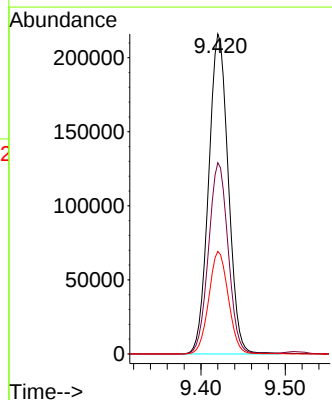
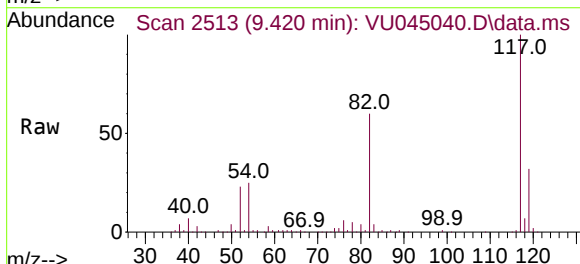
Instrument :
MSVOA_U
ClientSampled :

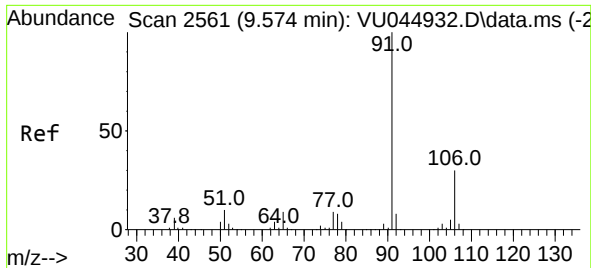
Tgt Ion: 95 Resp: 179353
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 68.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 117 Resp: 350600
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.0 25.8 38.6

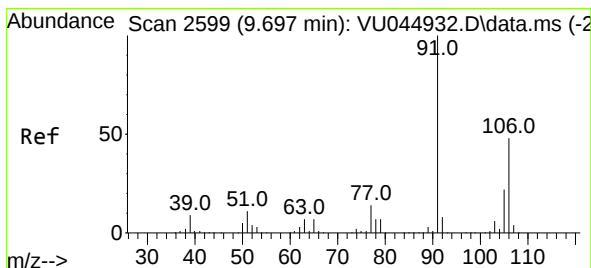
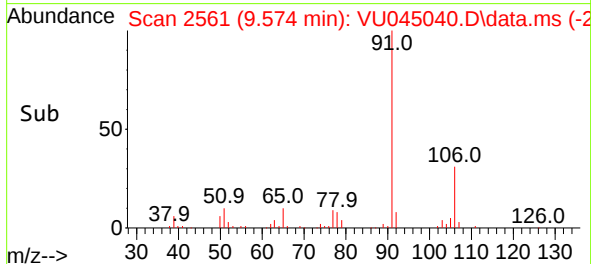
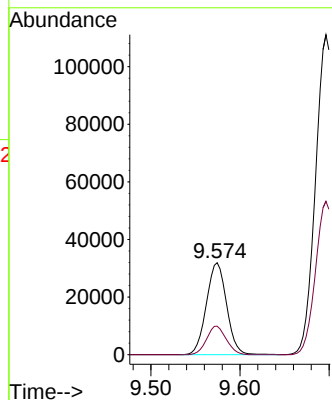
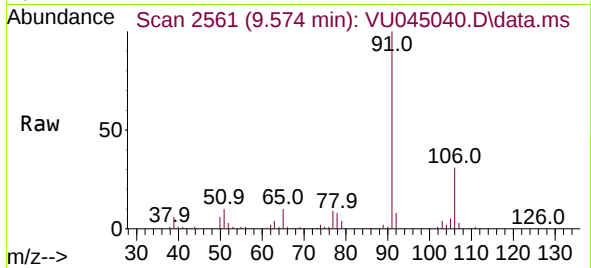




#67
Ethyl Benzene
Concen: 3.719 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

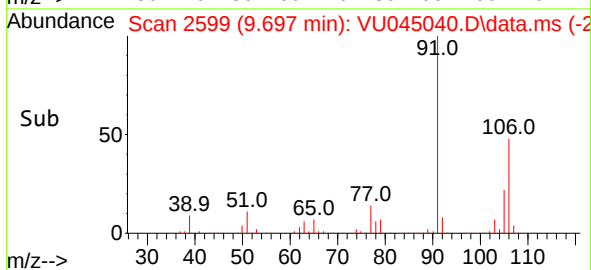
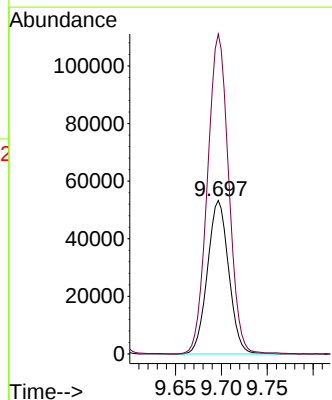
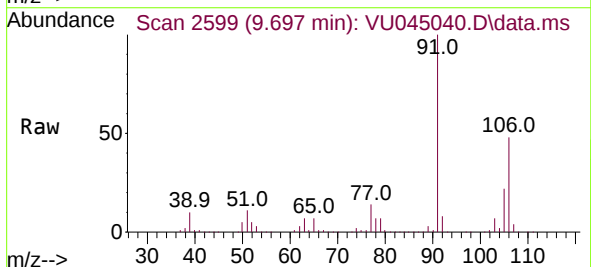
Instrument :
MSVOA_U
ClientSampled :

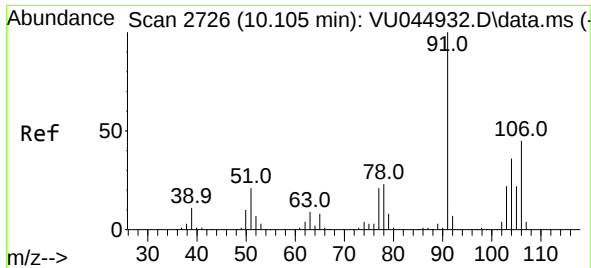
Tgt Ion: 91 Resp: 50306
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 16.329 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 106 Resp: 85809
Ion Ratio Lower Upper
106 100
91 208.5 164.2 246.2

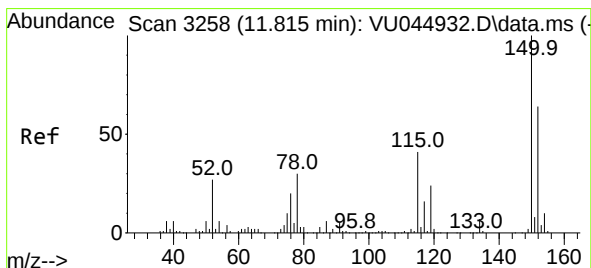
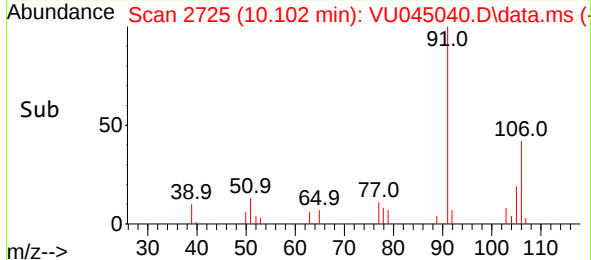
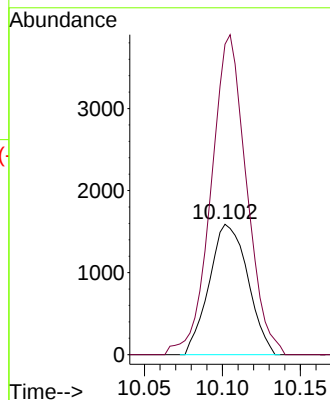
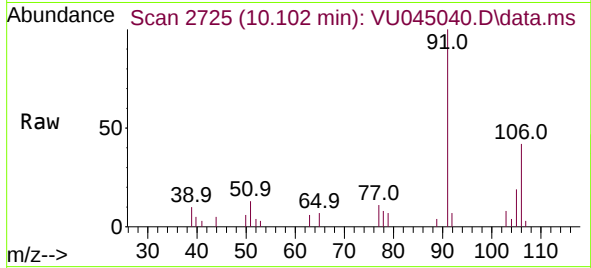




#69
o-Xylene
Concen: 0.525 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

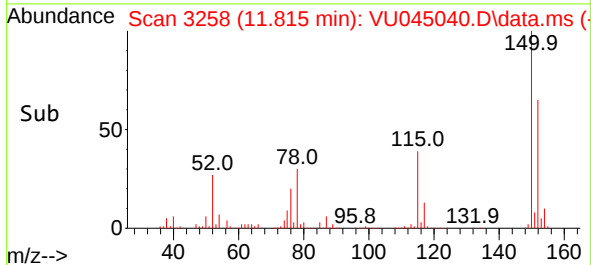
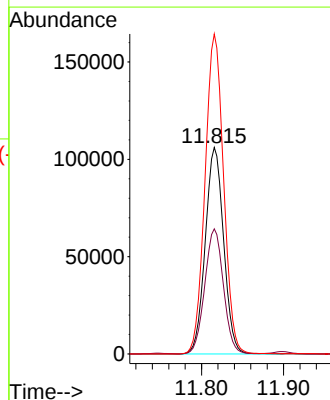
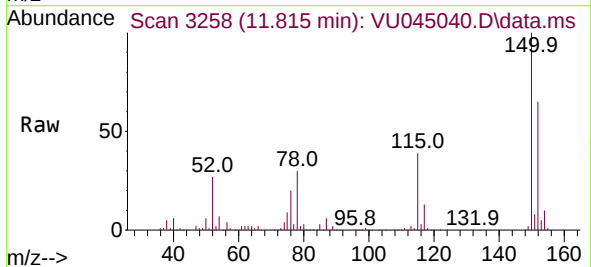
Instrument :
MSVOA_U
ClientSampled :

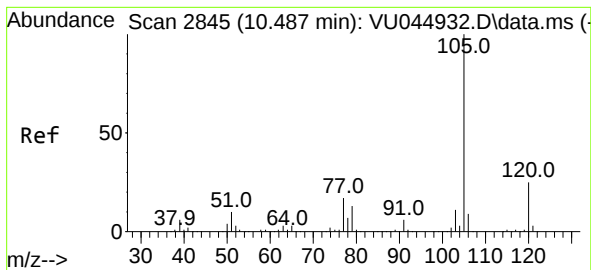
Tgt Ion:106 Resp: 2737
Ion Ratio Lower Upper
106 100
91 224.9 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:152 Resp: 164957
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.7
150 156.3 0.0 350.0





#73

Isopropylbenzene

Concen: 1.057 ug/l

RT: 10.487 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045040.D

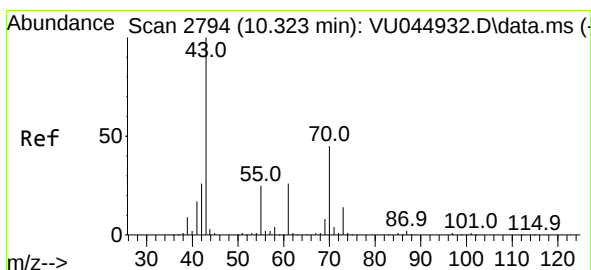
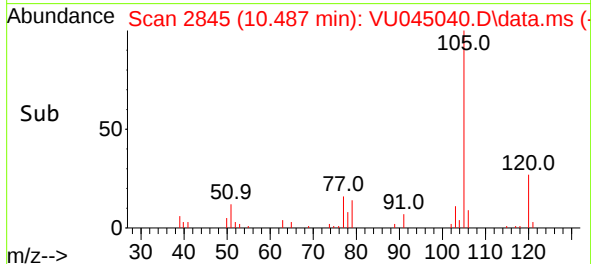
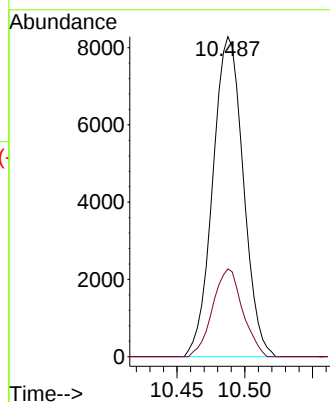
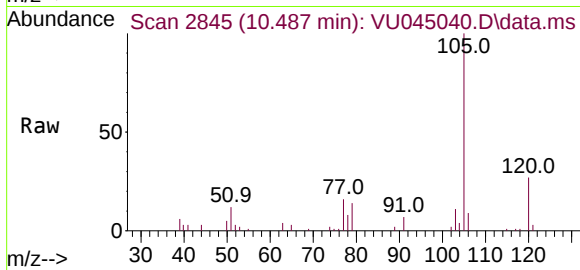
Acq: 30 Sep 2021 12:34

Tgt Ion: 105 Resp: 12988

Ion Ratio Lower Upper

105 100

120 26.9 12.8 38.3



#74

N-ethyl acetate

Concen: 0.282 ug/l

RT: 10.323 min Scan# 2794

Delta R.T. 0.000 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion: 43 Resp: 1744

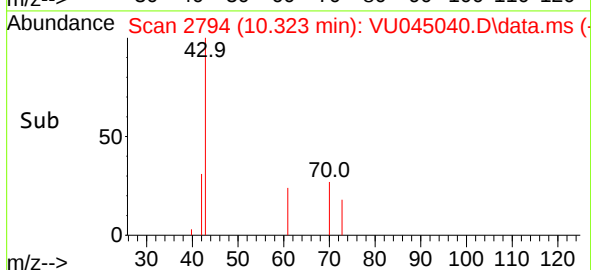
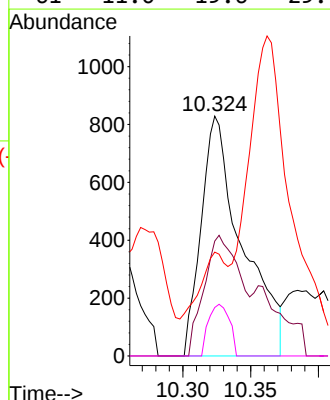
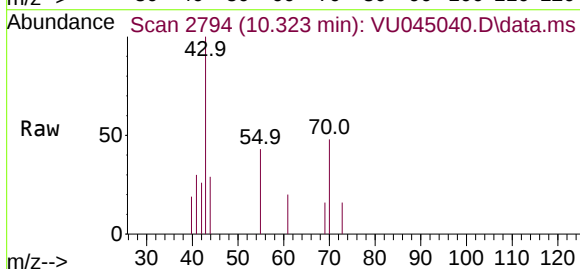
Ion Ratio Lower Upper

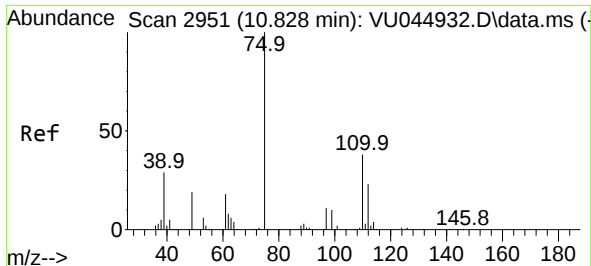
43 100

70 44.3 35.1 52.7

55 19.2 20.5 30.7#

61 11.0 19.6 29.4#

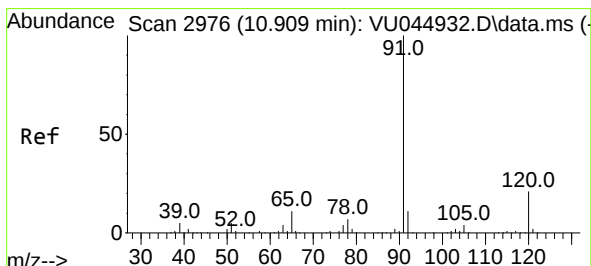
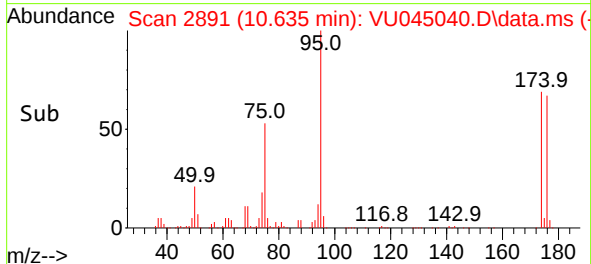
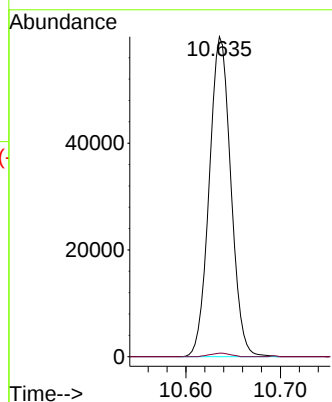
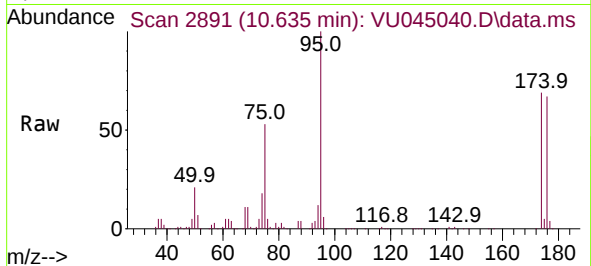




#76
1,2,3-Trichloropropane
Concen: 19.792 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

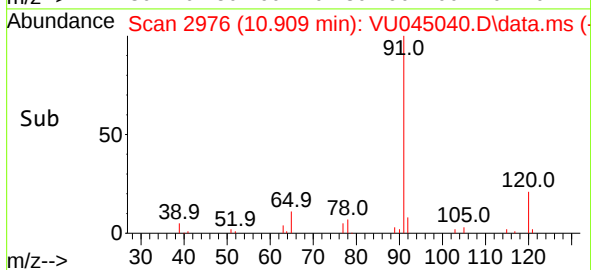
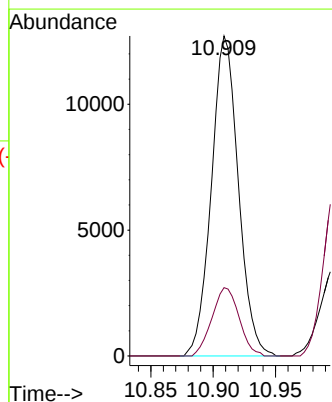
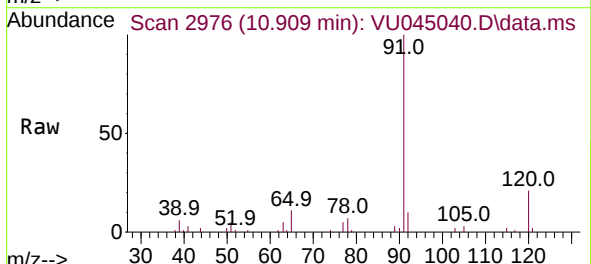
Instrument :
MSVOA_U
ClientSampleId :

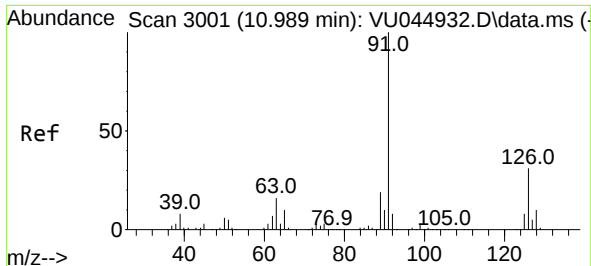
Tgt Ion: 75 Resp: 95228
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#78
n-propylbenzene
Concen: 1.280 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 91 Resp: 19160
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

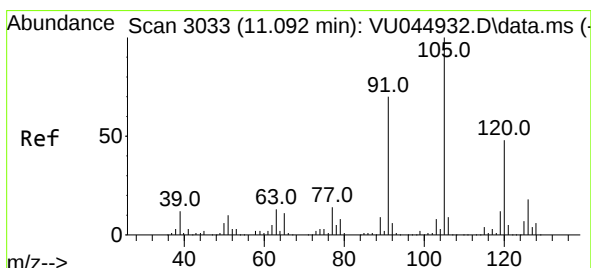
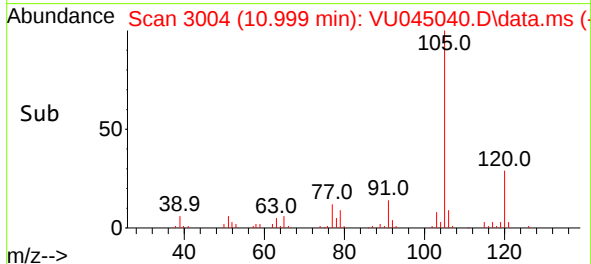
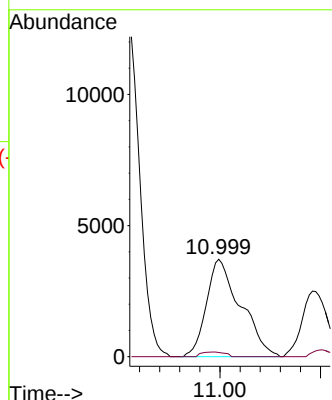
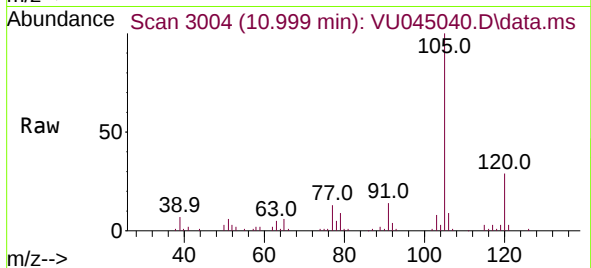




#79
2-Chlorotoluene
Concen: 0.934 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.010 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

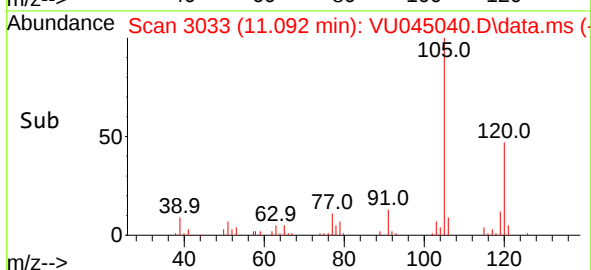
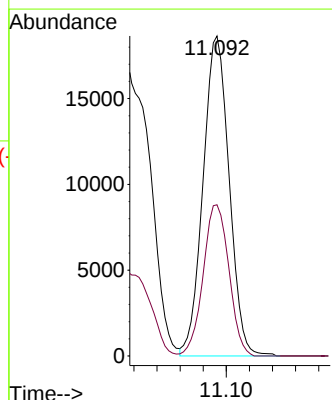
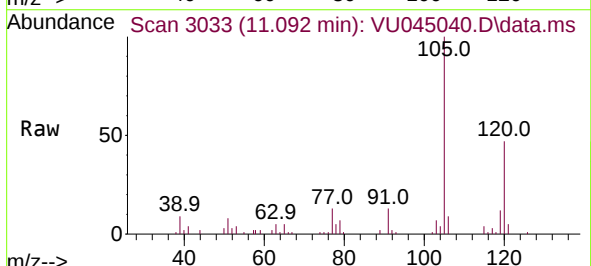
Instrument :
MSVOA_U
ClientSampled :

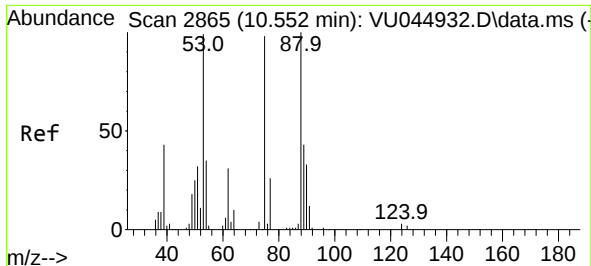
Tgt Ion: 91 Resp: 8760
Ion Ratio Lower Upper
91 100
126 3.3 15.7 47.0#



#80
1,3,5-Trimethylbenzene
Concen: 2.715 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:105 Resp: 29216
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.2

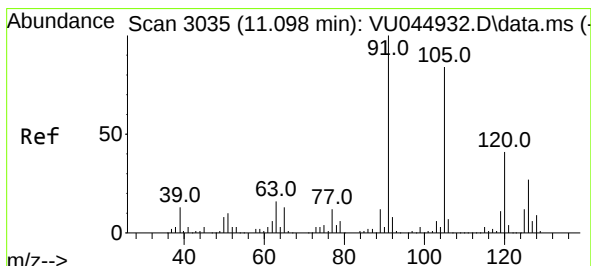
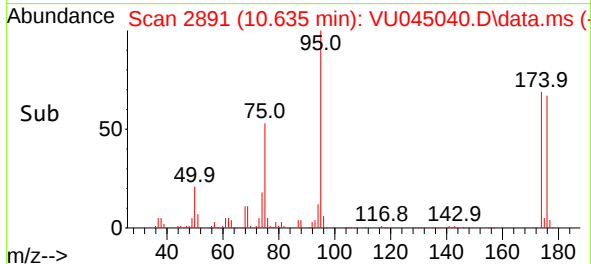
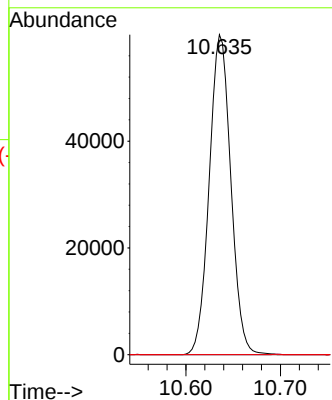
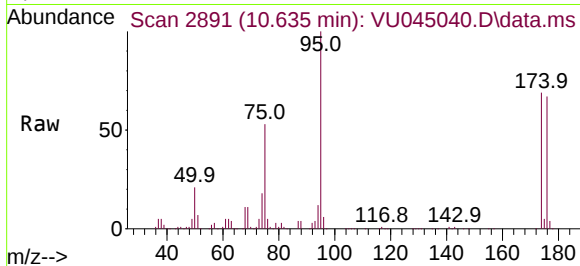




#81
trans-1,4-Dichloro-2-butene
Concen: 54.926 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

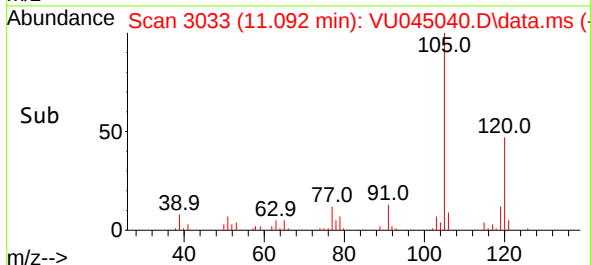
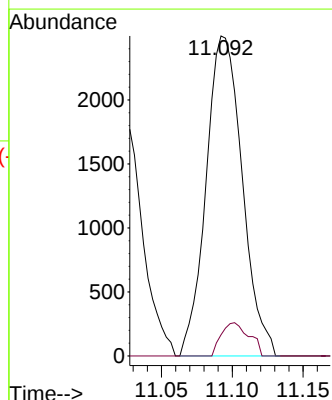
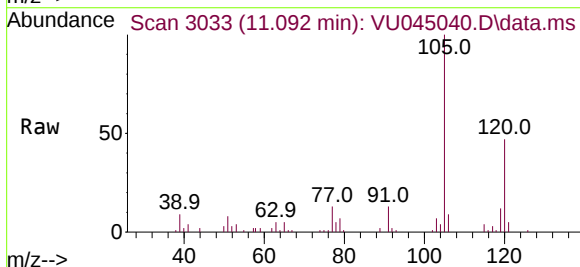
Instrument :
MSVOA_U
ClientSampled :

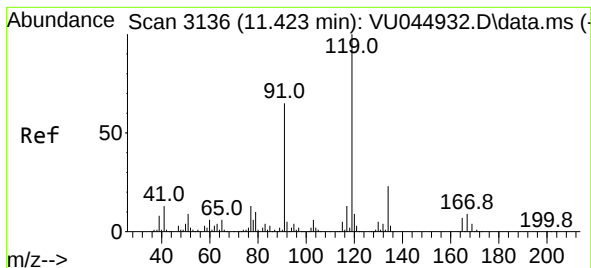
Tgt Ion: 75 Resp: 95228
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#82
4-Chlorotoluene
Concen: 0.419 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.006 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 91 Resp: 4441
Ion Ratio Lower Upper
91 100
126 8.0 13.8 41.4#





#83

tert-Butylbenzene

Concen: 0.238 ug/l

RT: 11.426 min Scan# 3137

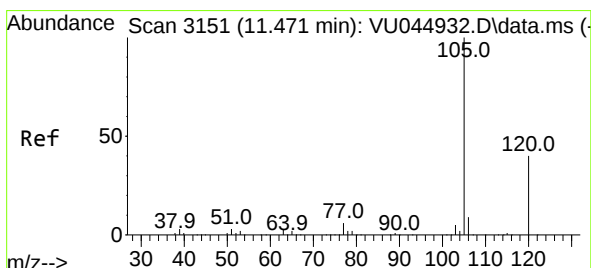
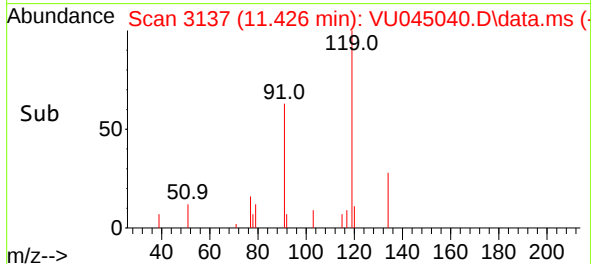
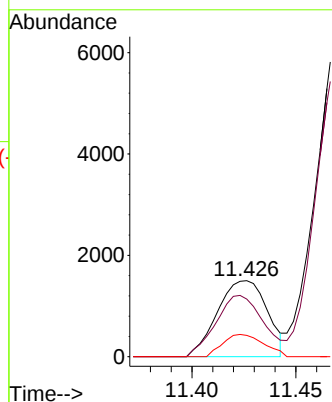
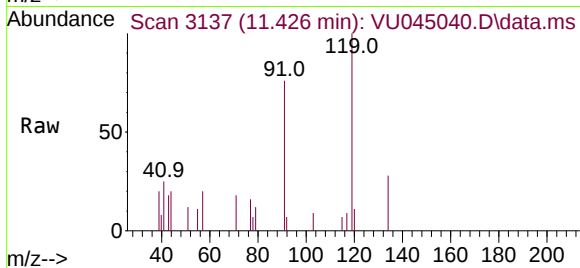
Delta R.T. 0.003 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion:119	Resp:	2496
Ion Ratio	Lower	Upper
119	100	
91	78.8	30.4 91.2
134	24.1	11.5 34.5

Instrument :
MSVOA_U
ClientSampleId :



#84

1,2,4-Trimethylbenzene

Concen: 7.880 ug/l

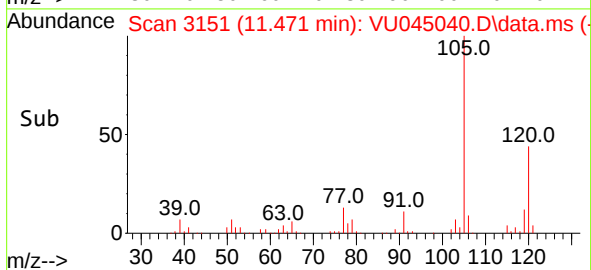
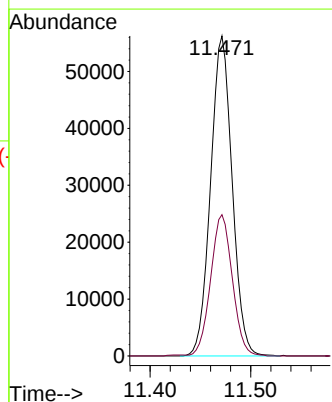
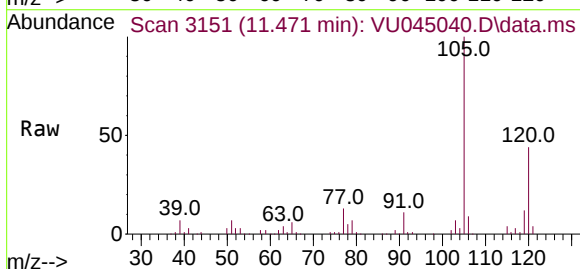
RT: 11.471 min Scan# 3151

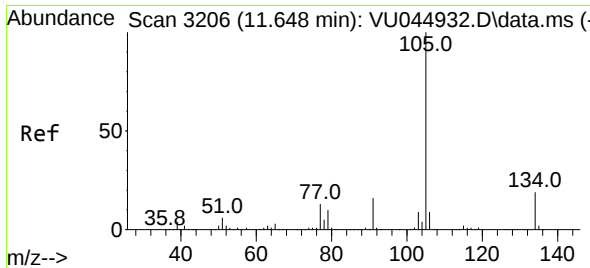
Delta R.T. 0.000 min

Lab File: VU045040.D

Acq: 30 Sep 2021 12:34

Tgt Ion:105	Resp:	83893
Ion Ratio	Lower	Upper
105	100	
120	44.5	22.4 67.3

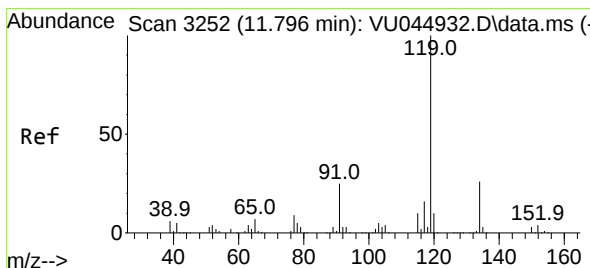
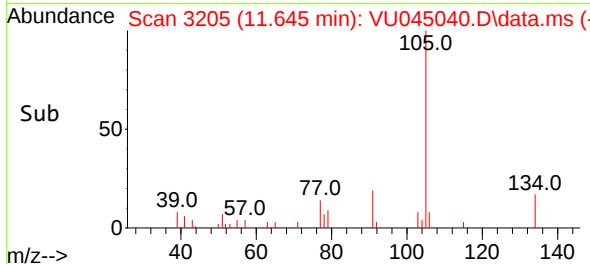
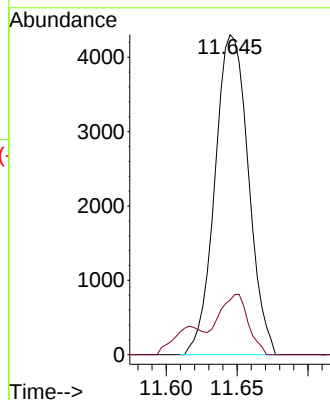
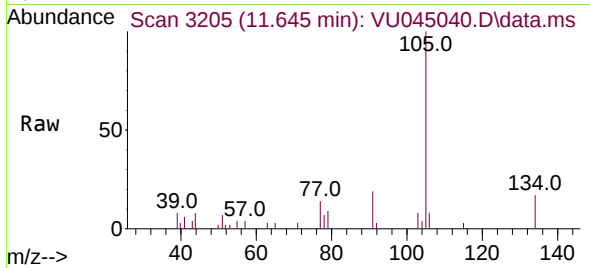




#85
 sec-Butylbenzene
 Concen: 0.526 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.003 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

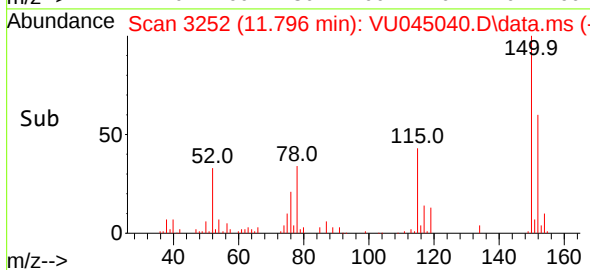
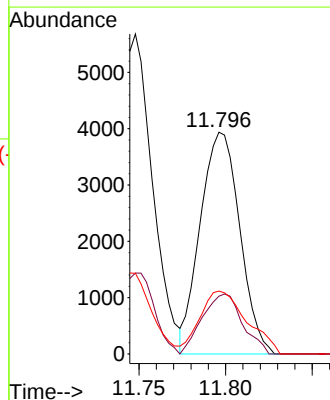
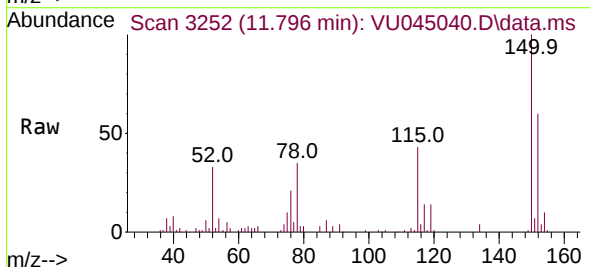
Instrument :
 MSVOA_U
 ClientSampled :

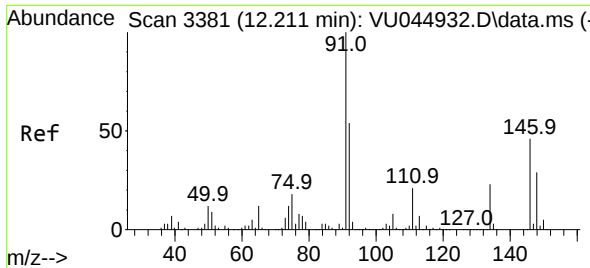
Tgt Ion:105 Resp: 7089
 Ion Ratio Lower Upper
 105 100
 134 16.5 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 0.577 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045040.D
 Acq: 30 Sep 2021 12:34

Tgt Ion:119 Resp: 6256
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.3
 91 33.6 12.2 36.6

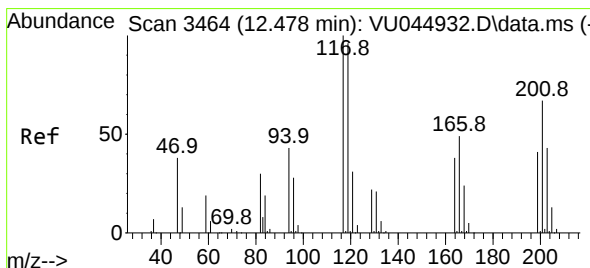
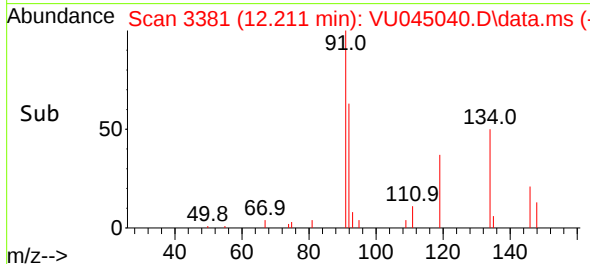
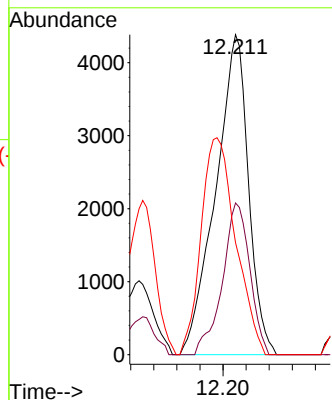
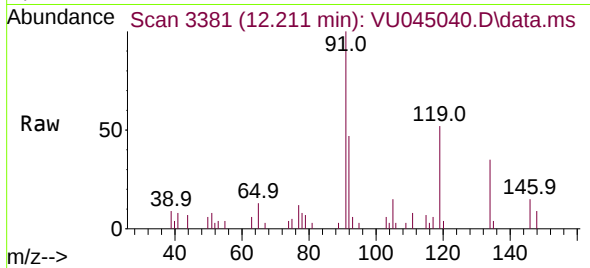




#89
n-Butylbenzene
Concen: 0.866 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

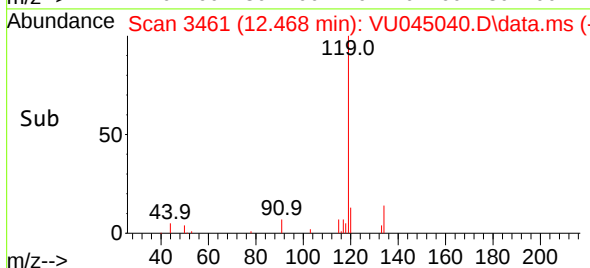
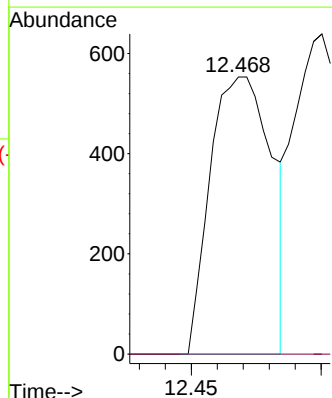
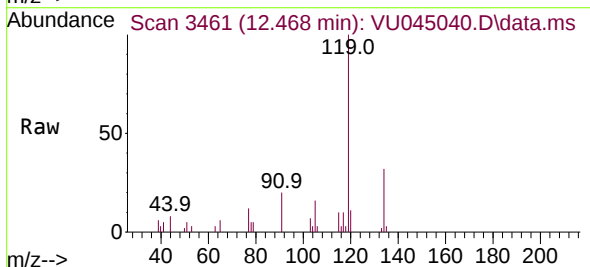
Instrument :
MSVOA_U
ClientSampleId :

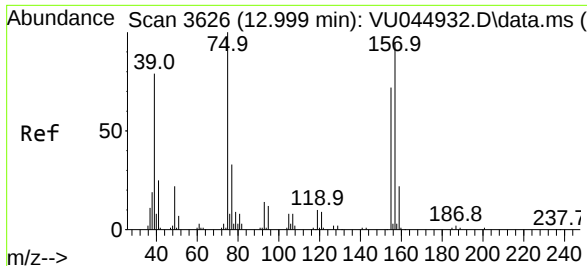
Tgt Ion: 91 Resp: 8644
Ion Ratio Lower Upper
91 100
92 39.5 26.8 80.4
134 71.4 11.8 35.4#



#90
Hexachloroethane
Concen: 0.464 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.010 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 117 Resp: 908
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.3#

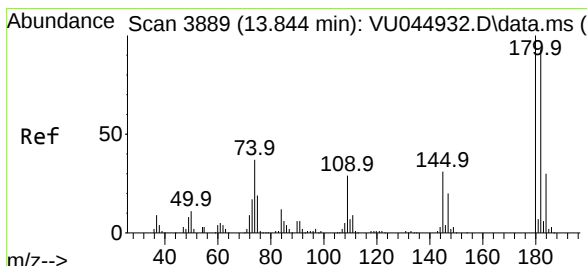
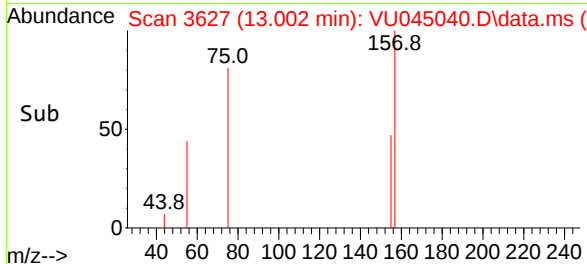
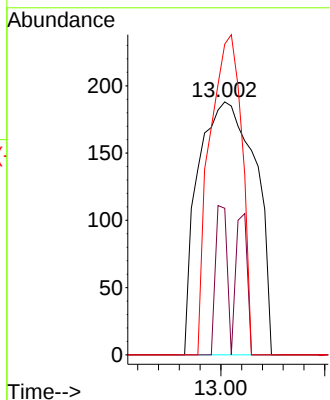
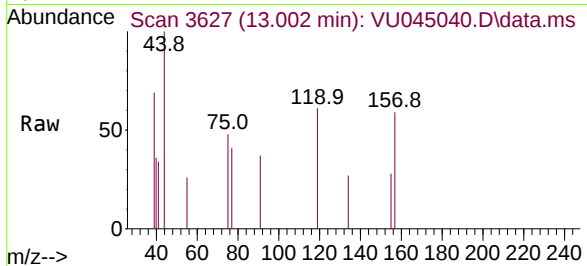




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.287 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

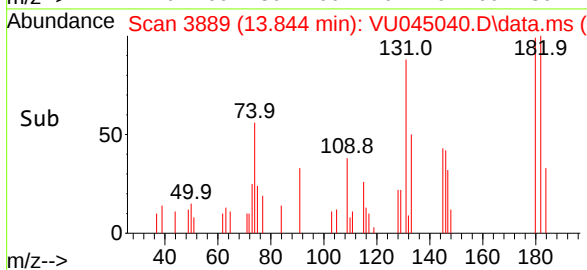
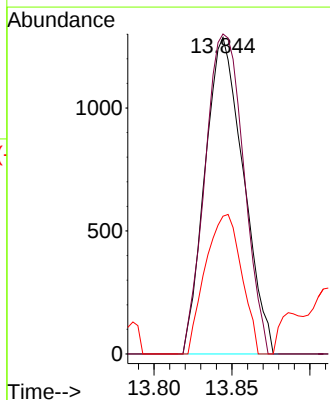
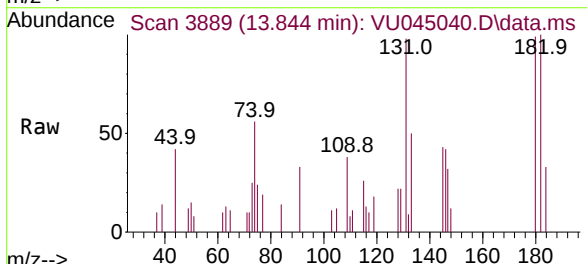
Instrument :
MSVOA_U
ClientSampled :

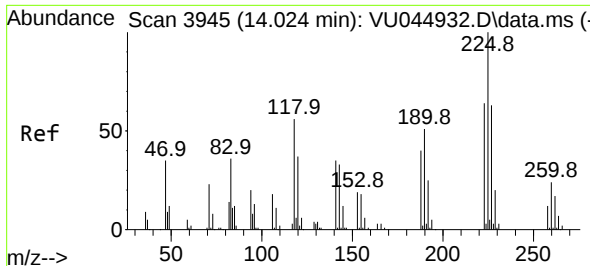
Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
155 11.7 36.9 110.6#
157 70.3 47.8 143.3



#93
1,2,4-Trichlorobenzene
Concen: 0.680 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:180 Resp: 2199
Ion Ratio Lower Upper
180 100
182 101.7 47.4 142.3
145 41.5 15.4 46.2

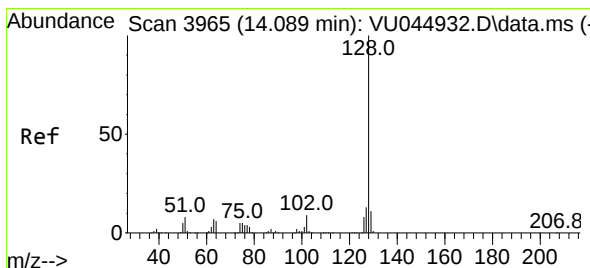
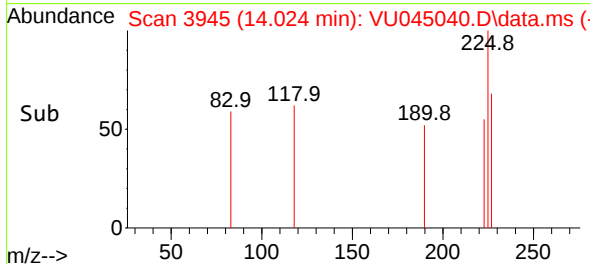
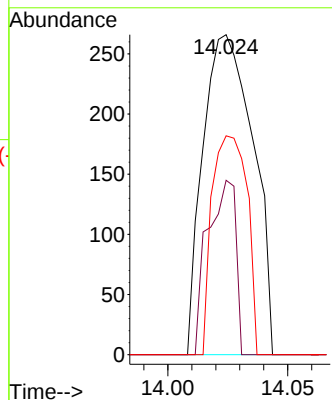
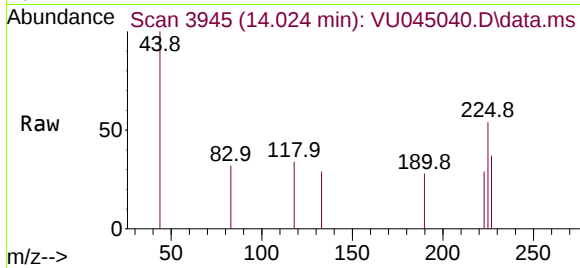




#94
Hexachlorobutadiene
Concen: 0.286 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

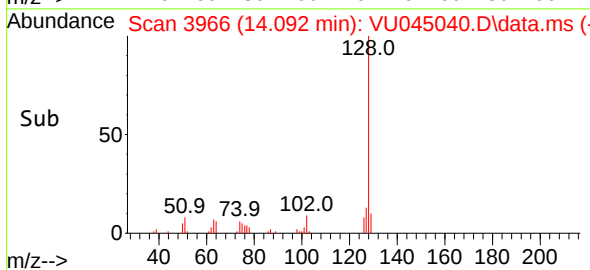
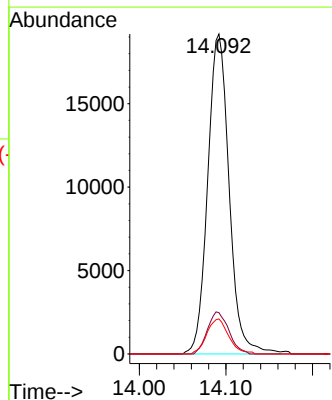
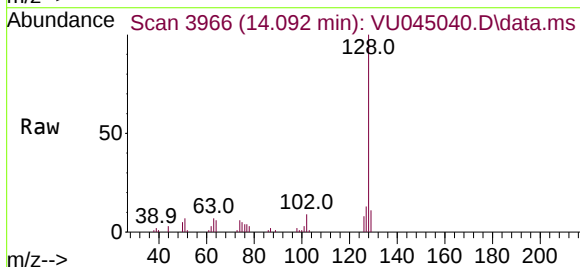
Instrument :
MSVOA_U
ClientSampled :

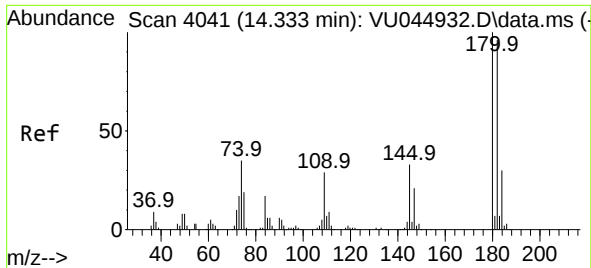
Tgt Ion	Ratio	Lower	Upper
225	100		
223	30.6	31.1	93.3#
227	47.7	31.4	94.3



#95
Naphthalene
Concen: 2.710 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.827 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.1	141.4
145	50.7	16.4	49.2#

