

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044852.D
 Acq On : 25 Sep 2021 21:15
 Operator : SY/MD
 Sample : M3895-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 210922099-02-VOA

Quant Time: Sep 27 01:36:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	175396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	306232	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	287401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	136819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	145454	47.516	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.040%	
35) Dibromofluoromethane	5.292	113	97372	46.350	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.700%	
50) Toluene-d8	7.902	98	394997	49.784	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.560%	
62) 4-Bromofluorobenzene	10.635	95	139817	47.445	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	713	0.224	ug/l #	82
5) Bromomethane	1.851	94	511	Below Cal		95
6) Chloroethane	1.935	64	216	Below Cal	#	42
8) Diethyl Ether	2.378	74	2869	1.715	ug/l	100
11) Tert butyl alcohol	3.186	59	1540041	1723.675	ug/l	100
13) Acrolein	2.751	56	309	1.033	ug/l #	14
14) Allyl chloride	2.899	41	9290	2.266	ug/l #	25
15) Acrylonitrile	3.182	53	15117	8.100	ug/l #	20
16) Acetone	2.629	43	33963	19.669	ug/l	99
17) Carbon Disulfide	2.796	76	2930	0.493	ug/l #	87
18) Methyl Acetate	3.182	43	228225	39.563	ug/l #	52
19) Methyl tert-butyl Ether	3.369	73	9865	1.251	ug/l	97
25) 2-Butanone	4.713	43	10634	4.059	ug/l	100
26) 2,2-Dichloropropane	4.632	77	107186	30.405	ug/l #	54
27) cis-1,2-Dichloroethene	4.668	96	618	0.225	ug/l #	10
28) Bromochloromethane	5.054	49	568	0.254	ug/l #	18
29) Tetrahydrofuran	5.054	42	321235	194.895	ug/l	99
31) Cyclohexane	5.372	56	4989	1.135	ug/l #	11
37) Ethyl Acetate	4.806	43	4781	1.003	ug/l #	69
38) Carbon Tetrachloride	5.375	117	18262	6.287	ug/l #	15
40) Benzene	5.780	78	25974	2.622	ug/l	98
41) Methacrylonitrile	5.054	41	190051	79.863	ug/l #	46
42) 1,2-Dichloroethane	5.796	62	1318	0.338	ug/l	80
49) 1,4-Dioxane	6.976	88	4610	57.296	ug/l	98
51) 4-Methyl-2-Pentanone	7.793	43	12831	2.699	ug/l #	86
52) Toluene	7.973	92	5846	0.987	ug/l	99
59) 2-Hexanone	8.687	43	1895	0.497	ug/l	78
60) Dibromochloromethane	8.558	129	655	0.270	ug/l #	10
64) Tetrachloroethene	8.555	164	625	0.321	ug/l	88
65) Chlorobenzene	9.449	112	2681	0.449	ug/l #	54
68) m/p-Xylenes	9.697	106	19073	4.683	ug/l	96
69) o-Xylene	10.102	106	13224	3.358	ug/l	97
70) Styrene	10.105	104	1242	1.176	ug/l #	1
73) Isopropylbenzene	10.484	105	2369	0.244	ug/l	96
76) 1,2,3-Trichloropropane	10.635	75	76329	18.423	ug/l #	41
79) 2-Chlorotoluene	10.996	91	1835	0.256	ug/l #	69

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

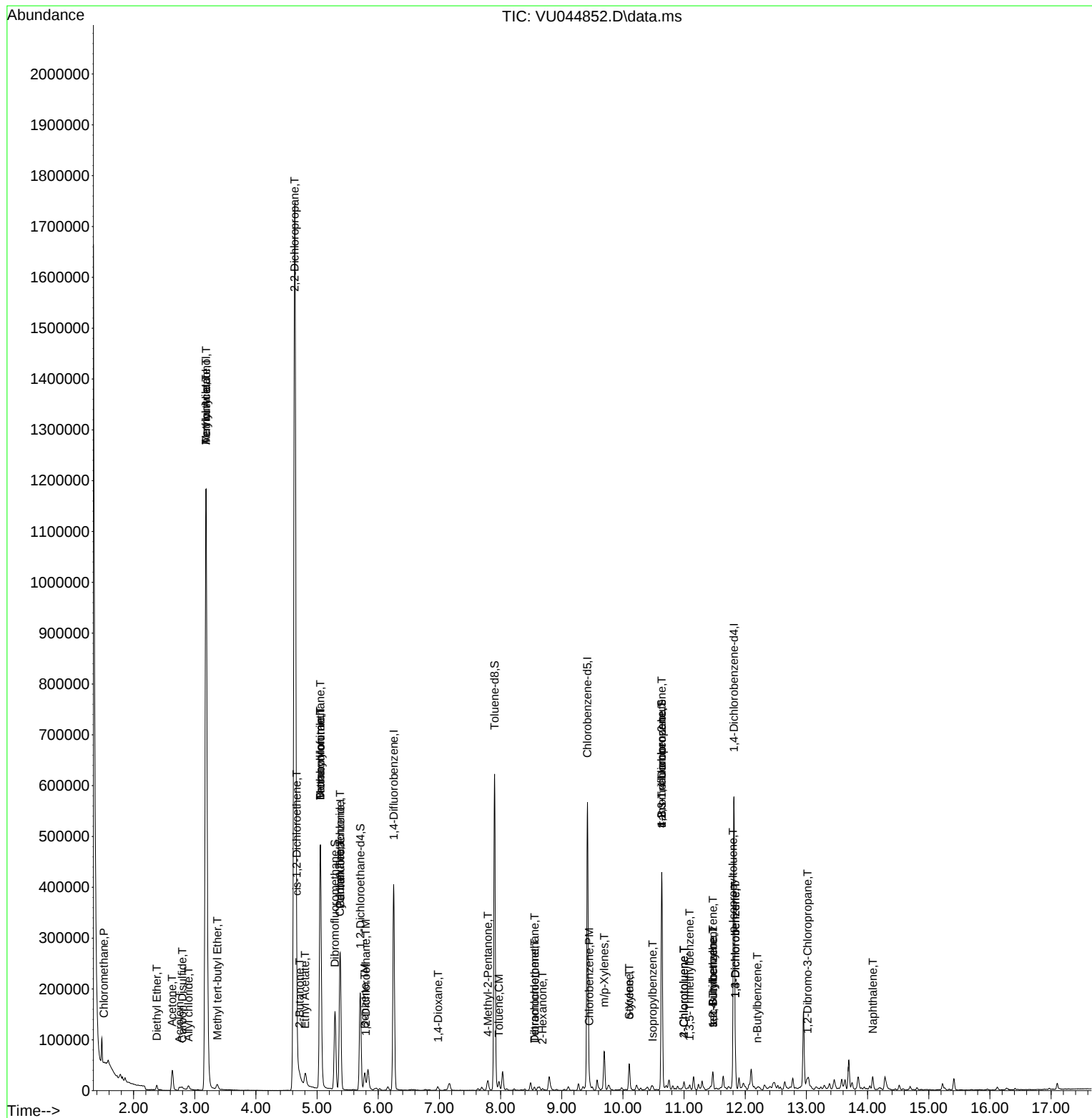
80) 1,3,5-Trimethylbenzene	11.089	105	5228	0.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.635	75	76329	59.681	ug/l #	9
82) 4-Chlorotoluene	10.996	91	1835	0.225	ug/l	74
83) tert-Butylbenzene	11.471	119	2304	0.290	ug/l #	38
84) 1,2,4-Trimethylbenzene	11.471	105	18582	2.291	ug/l	99
85) sec-Butylbenzene	11.471	105	18582	1.811	ug/l #	58
86) p-Isopropyltoluene	11.799	119	3214	0.385	ug/l #	67
87) 1,3-Dichlorobenzene	11.838	146	14846	3.297	ug/l	88
88) 1,4-Dichlorobenzene	11.838	146	14846	3.189	ug/l	86
89) n-Butylbenzene	12.198	91	526	1.335	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	13.021	75	462	0.431	ug/l #	7
95) Naphthalene	14.089	128	1256	1.060	ug/l #	91

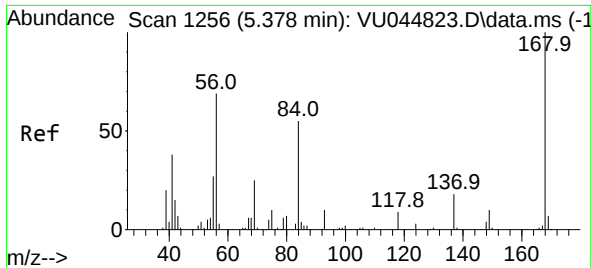
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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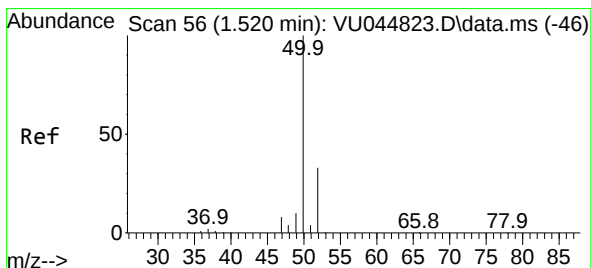
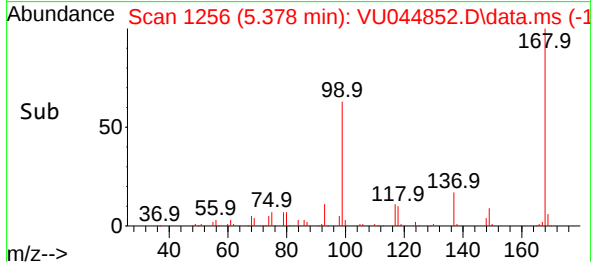
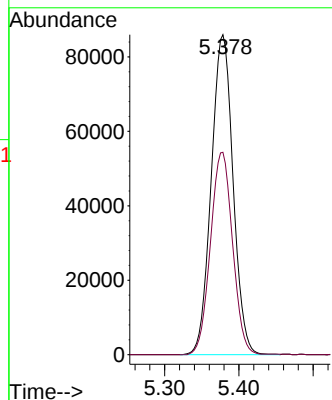
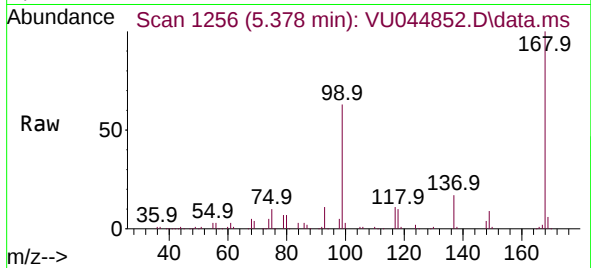




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

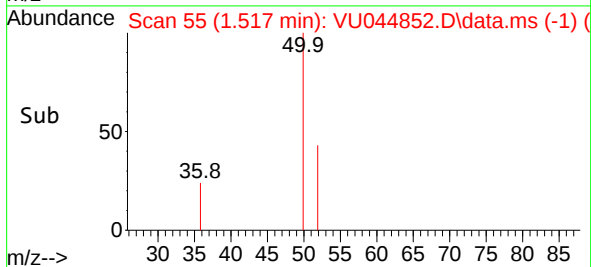
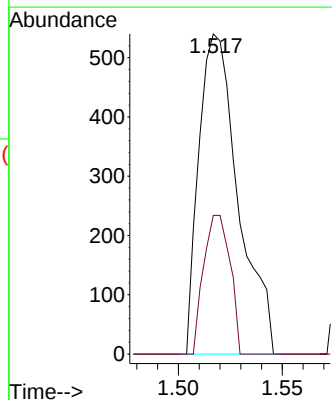
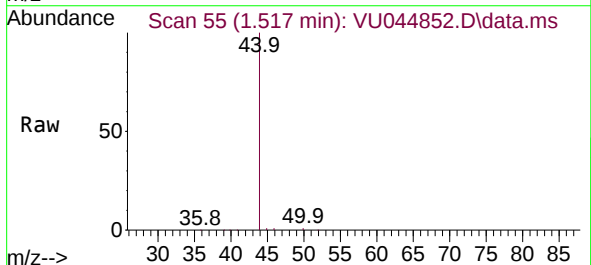
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

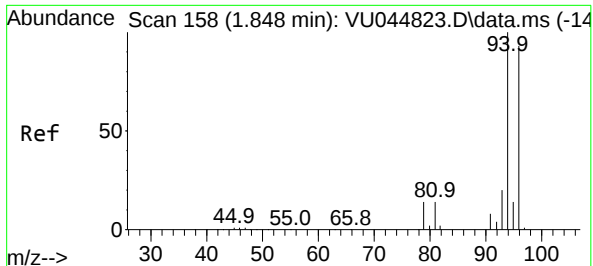
Tgt Ion:168 Resp: 175396
Ion Ratio Lower Upper
168 100
99 63.2 51.4 77.0



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 43.3 26.3 39.5#

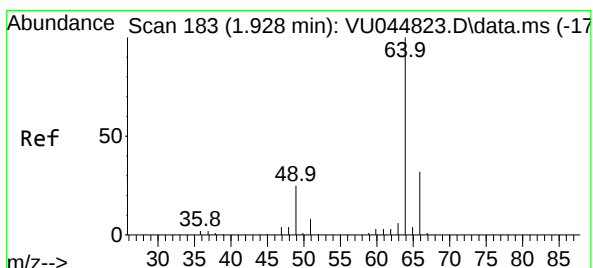
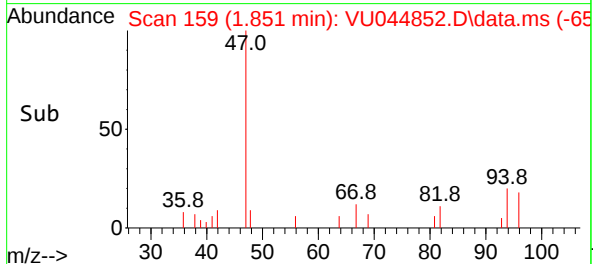
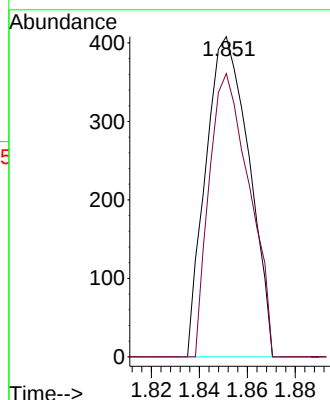
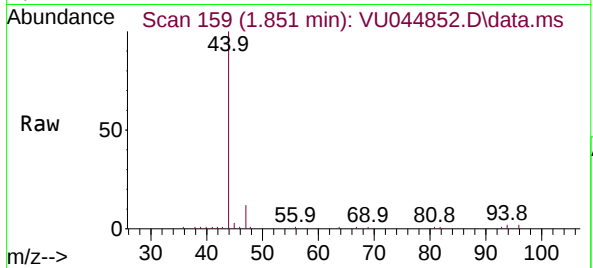




#5
Bromomethane
Concen: Below Cal
RT: 1.851 min Scan# 159
Delta R.T. 0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

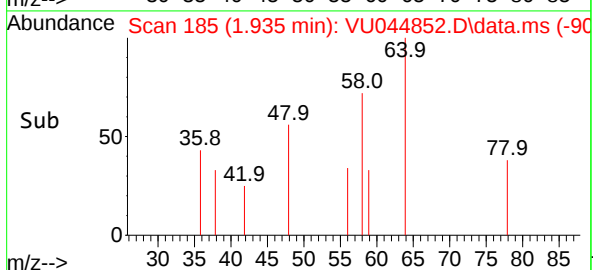
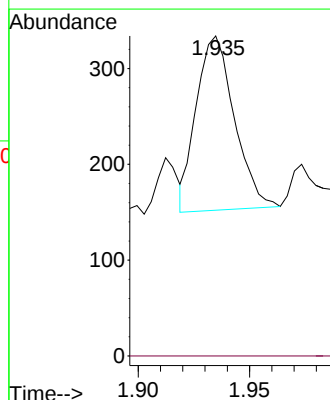
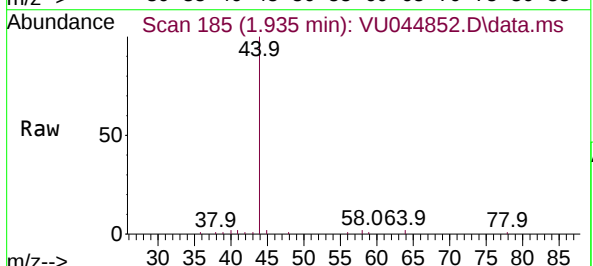
Instrument :
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ClientSampleId :
210922099-02-VOA

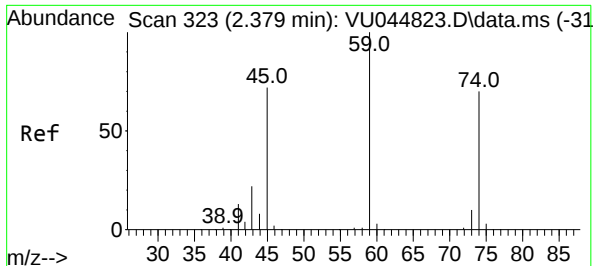
Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 88.5 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.007 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

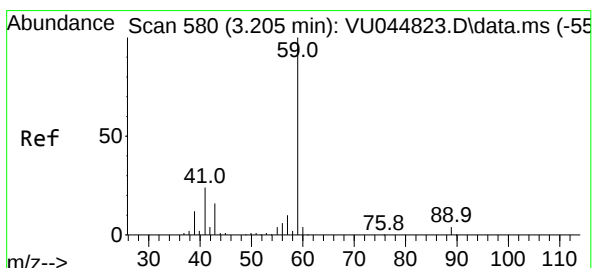
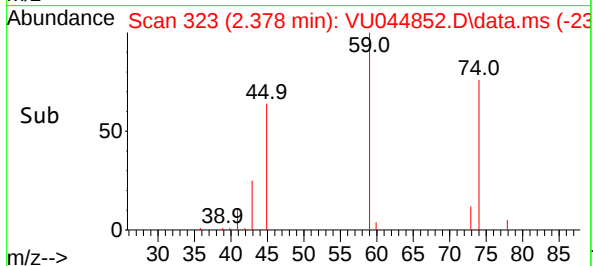
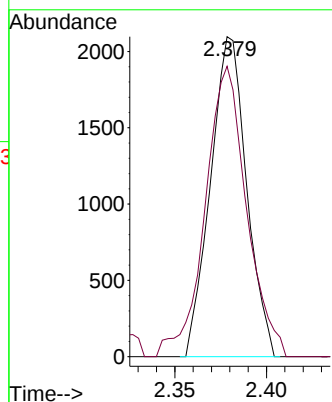
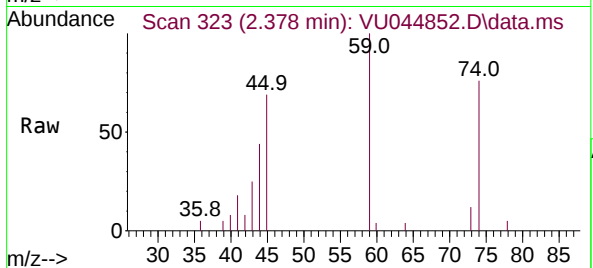




#8
Diethyl Ether
Concen: 1.715 ug/l
RT: 2.378 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

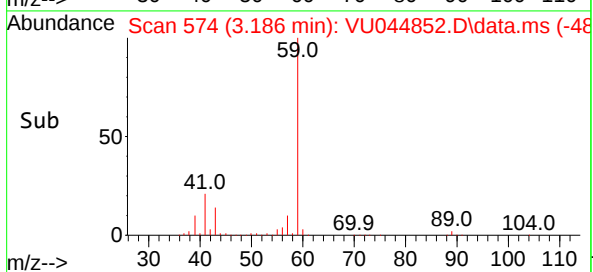
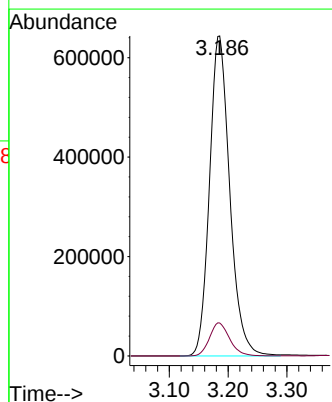
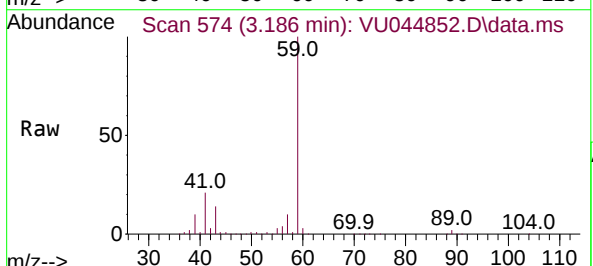
Instrument :
MSVOA_U
ClientSampleId :
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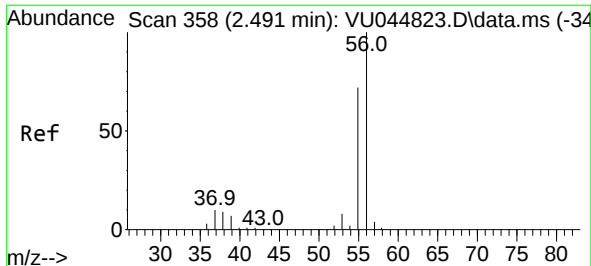
Tgt Ion: 74 Resp: 2869
Ion Ratio Lower Upper
74 100
45 104.2 52.2 156.6



#11
Tert butyl alcohol
Concen: 1723.675 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.019 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 59 Resp: 1540041
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

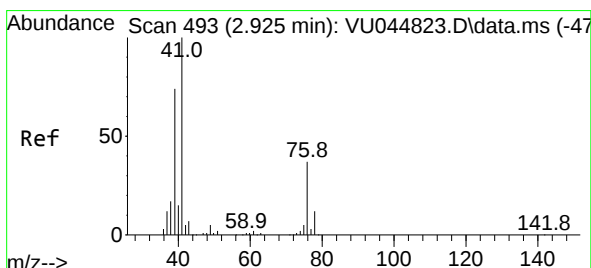
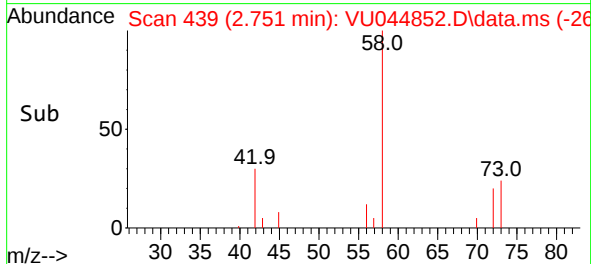
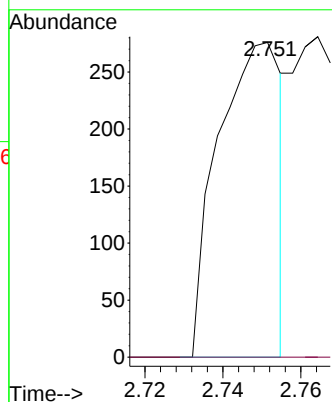
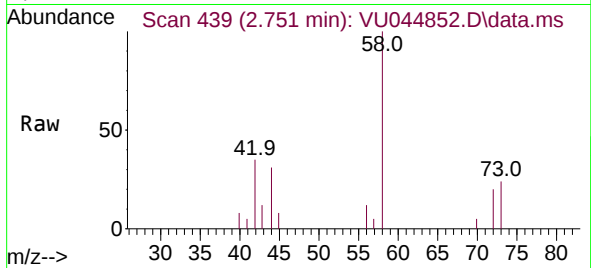




#13
Acrolein
Concen: 1.033 ug/l
RT: 2.751 min Scan# 439
Delta R.T. 0.260 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

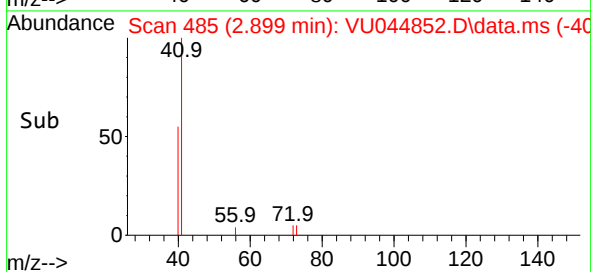
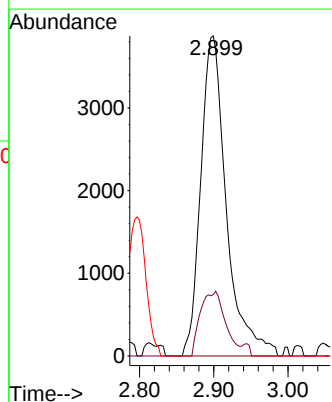
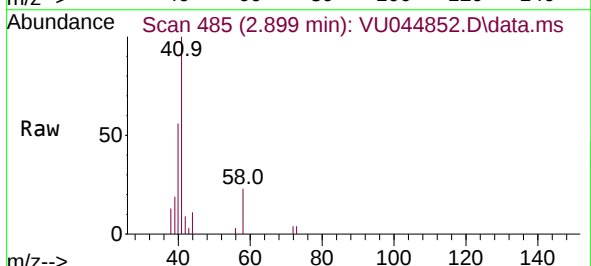
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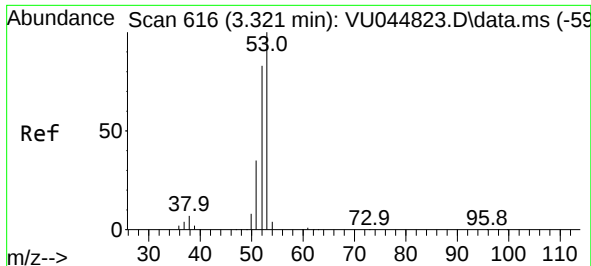
Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#14
Allyl chloride
Concen: 2.266 ug/l
RT: 2.899 min Scan# 485
Delta R.T. -0.026 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 41 Resp: 9290
Ion Ratio Lower Upper
41 100
39 0.0 53.0 79.6#
76 0.0 25.7 38.5#

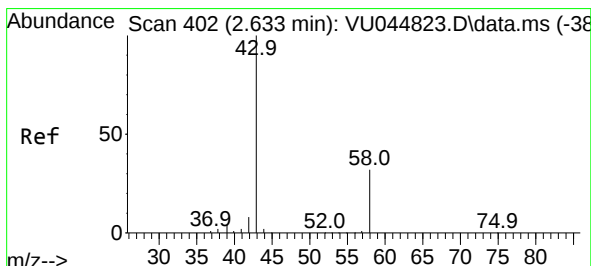
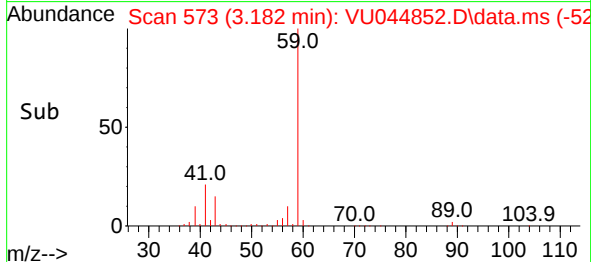
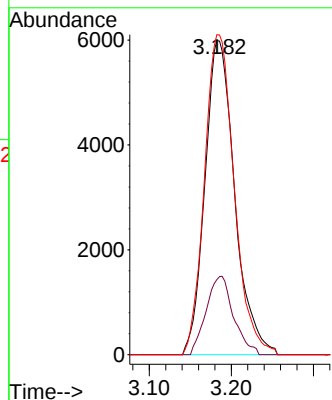
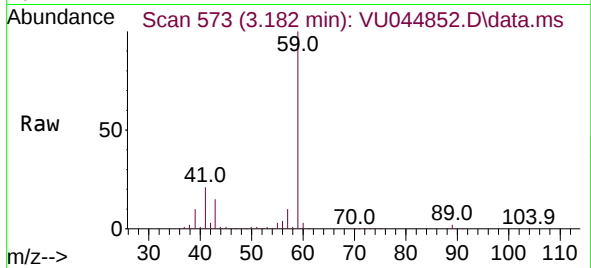




#15
Acrylonitrile
Concen: 8.100 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.138 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

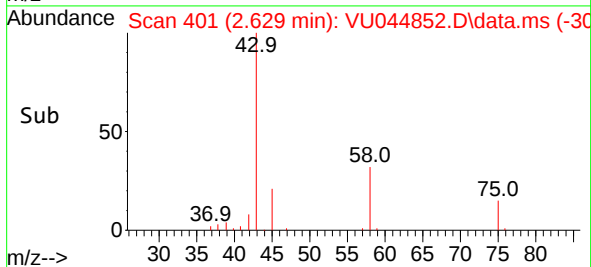
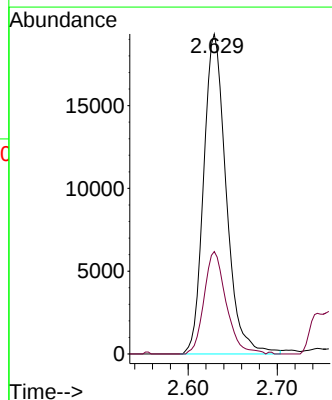
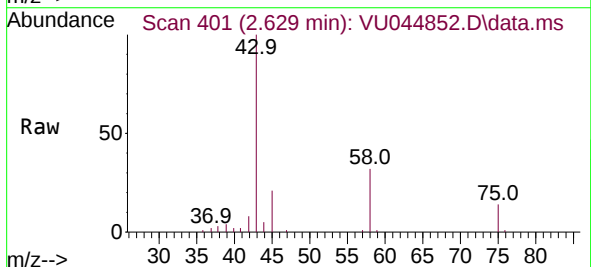
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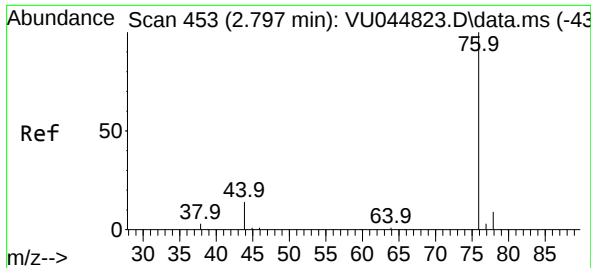
Tgt Ion: 53 Resp: 15117
Ion Ratio Lower Upper
53 100
52 22.9 66.0 99.0#
51 101.7 28.6 42.8#



#16
Acetone
Concen: 19.669 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 43 Resp: 33963
Ion Ratio Lower Upper
43 100
58 32.0 25.2 37.8

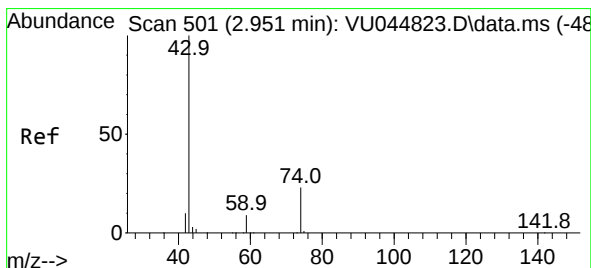
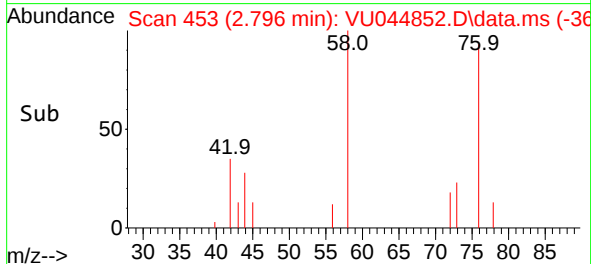
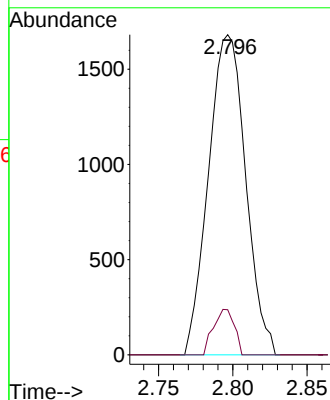
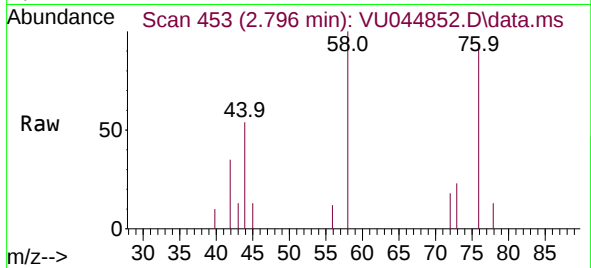




#17
Carbon Disulfide
Concen: 0.493 ug/l
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

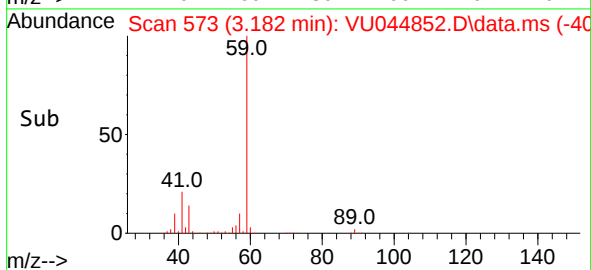
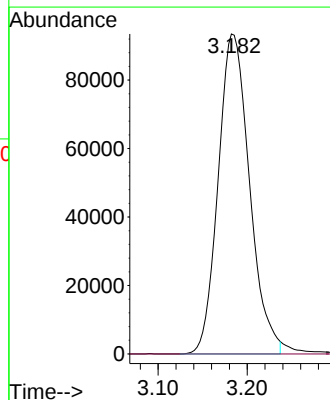
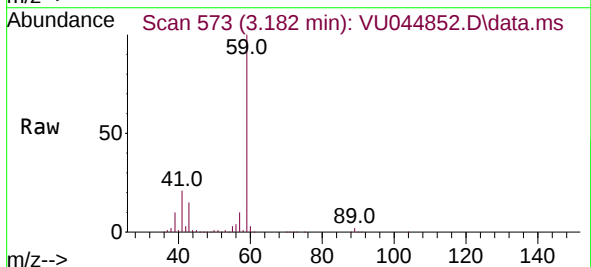
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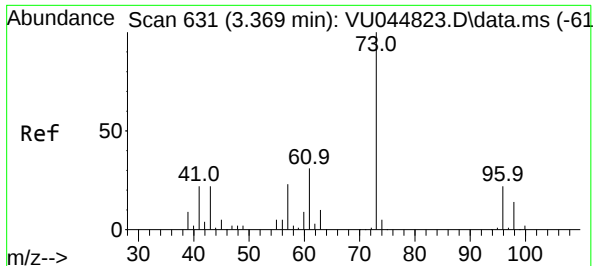
Tgt Ion: 76 Resp: 2930
Ion Ratio Lower Upper
76 100
78 14.1 7.4 11.0#



#18
Methyl Acetate
Concen: 39.563 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.231 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 43 Resp: 228225
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



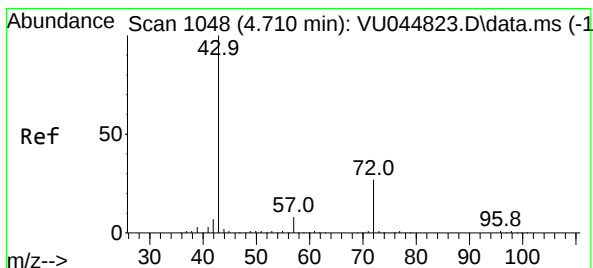
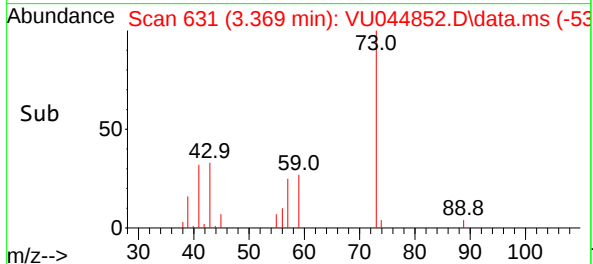
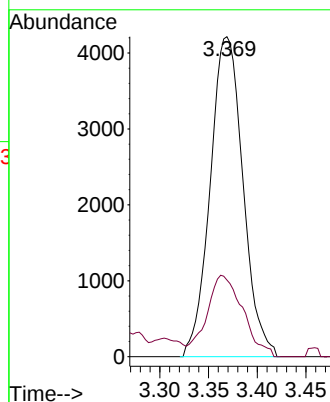
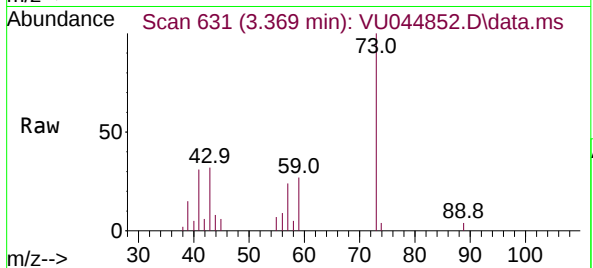


#19

Methyl tert-butyl Ether
Concen: 1.251 ug/l
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

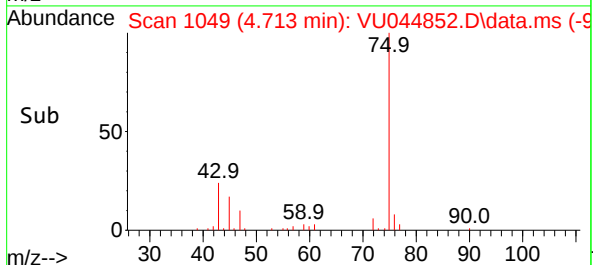
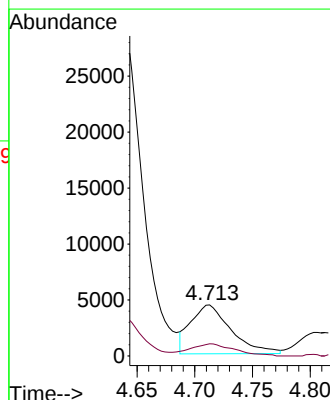
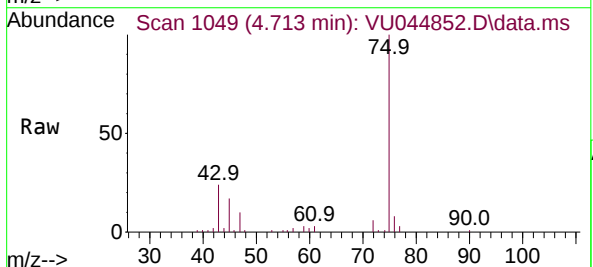
Tgt Ion: 73 Resp: 9865
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.2

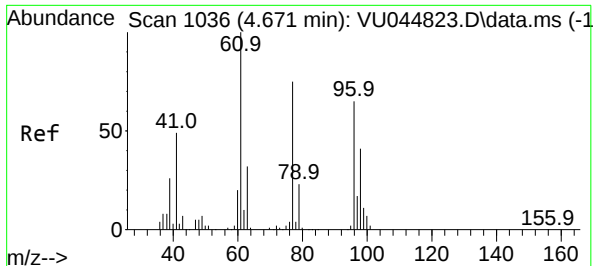


#25

2-Butanone
Concen: 4.059 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 43 Resp: 10634
Ion Ratio Lower Upper
43 100
72 26.7 21.3 31.9





#26

2,2-Dichloropropane

Concen: 30.405 ug/l

RT: 4.632 min Scan# 1024

Delta R.T. -0.039 min

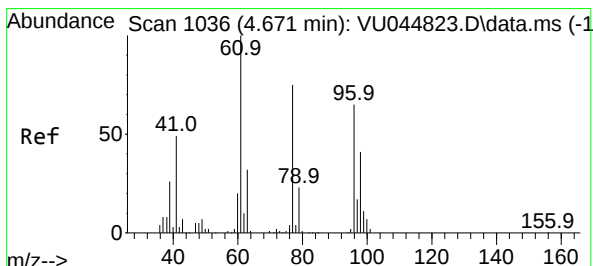
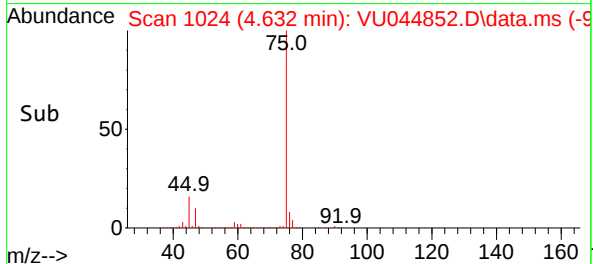
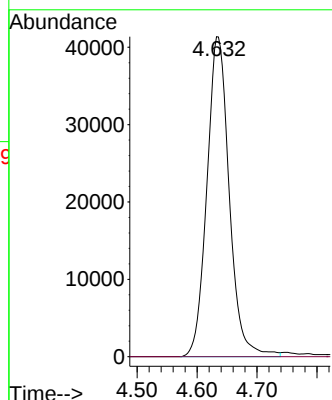
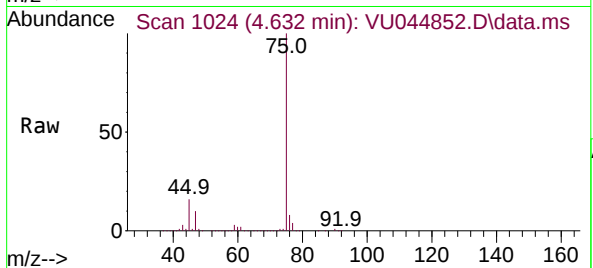
Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

Tgt Ion: 77 Resp: 107186

Ion Ratio Lower Upper

77 100
97 0.0 10.8 32.4#



#27

cis-1,2-Dichloroethene

Concen: 0.225 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

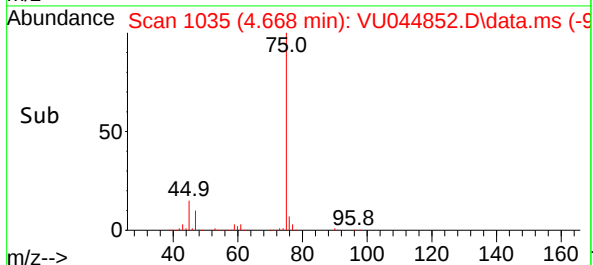
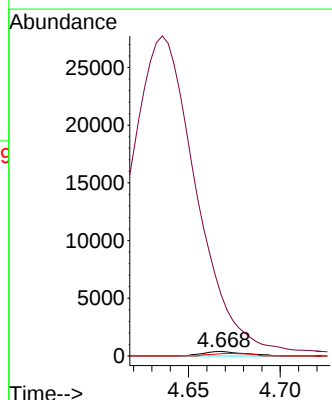
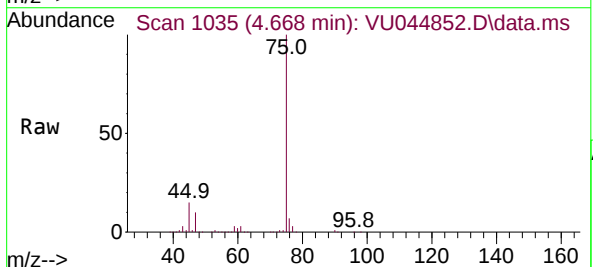
Lab File: VU044852.D

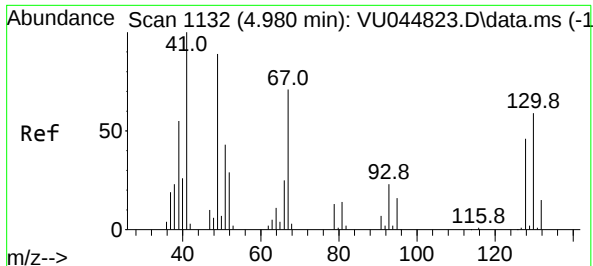
Acq: 25 Sep 2021 21:15

Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100
61 0.0 0.0 313.4
98 51.6 0.0 127.0





#28

Bromochloromethane

Concen: 0.254 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. 0.074 min

Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

Tgt Ion: 49 Resp: 568

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.2

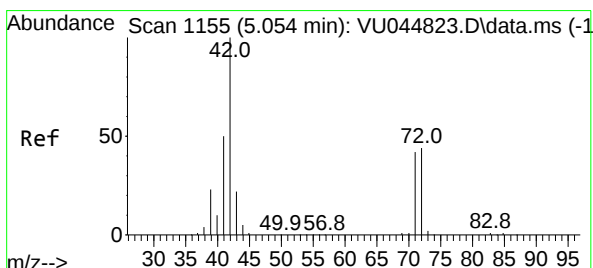
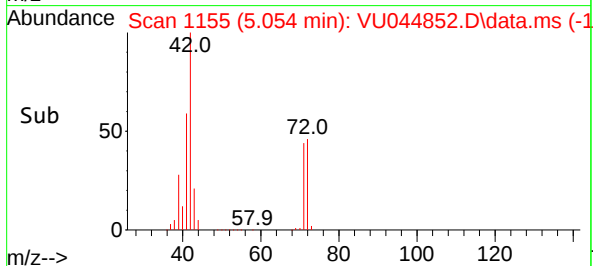
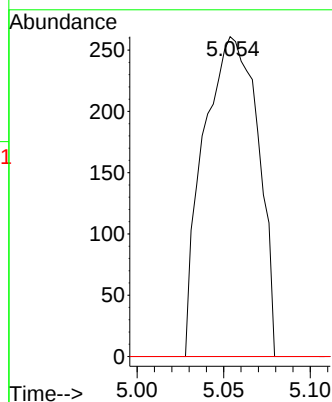
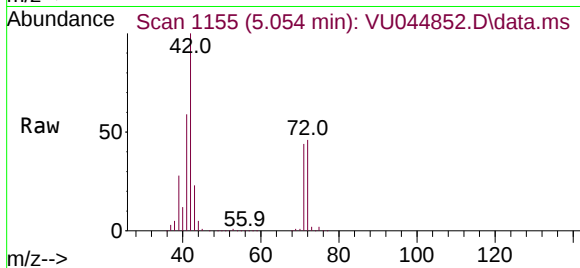
130 0.0 53.4 80.2#

Instrument :

MSVOA_U

ClientSampleId :

210922099-02-VOA



#29

Tetrahydrofuran

Concen: 194.895 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

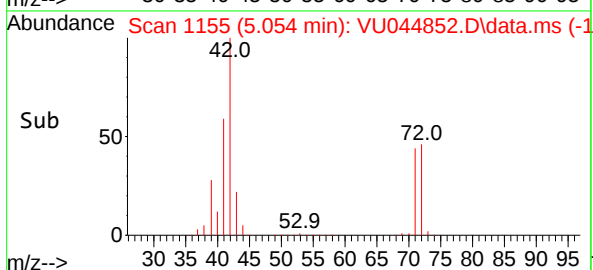
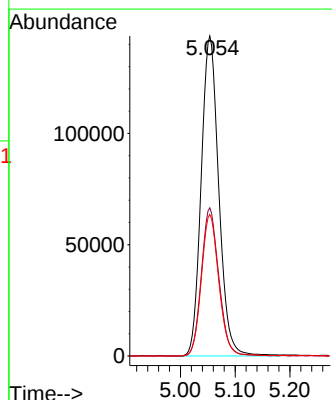
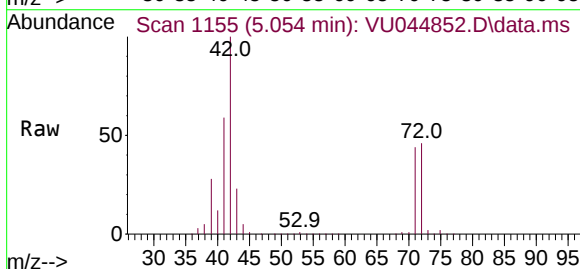
Tgt Ion: 42 Resp: 321235

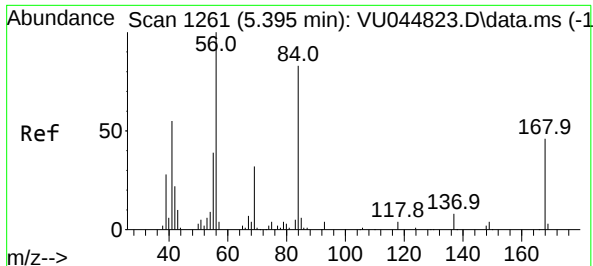
Ion Ratio Lower Upper

42 100

72 45.9 36.2 54.4

71 43.8 34.1 51.1

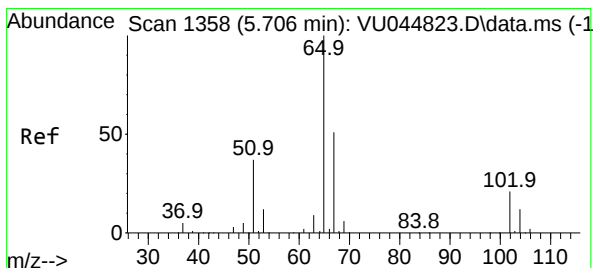
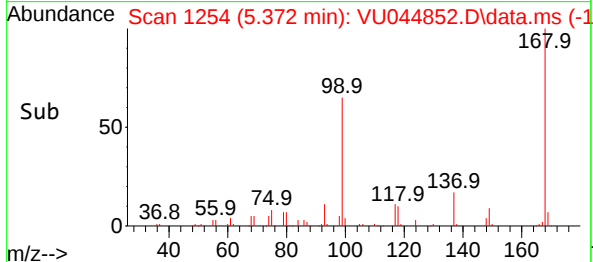
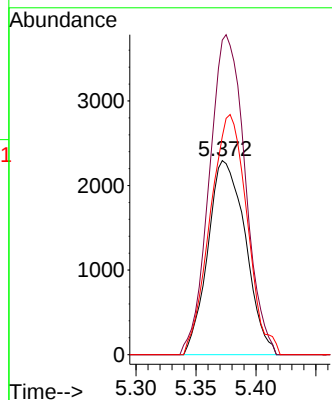
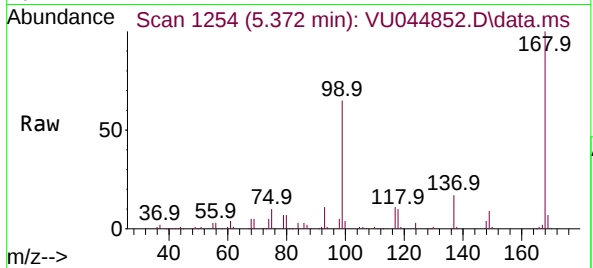




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.023 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

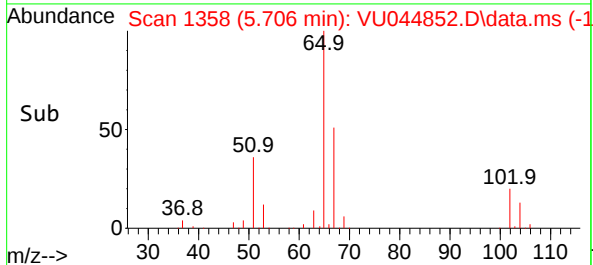
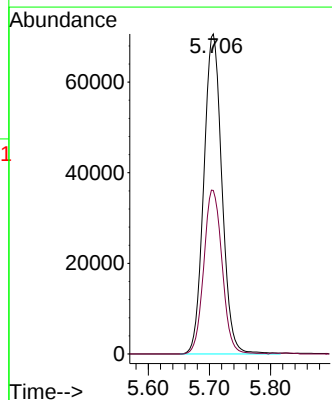
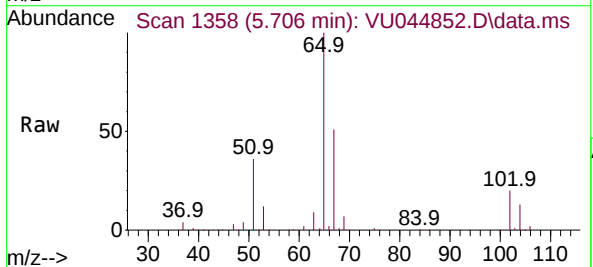
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

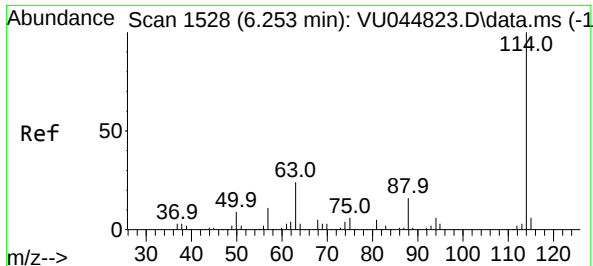
Tgt Ion: 56 Resp: 4989
Ion Ratio Lower Upper
56 100
69 162.2 25.2 37.8#
84 112.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.516 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 65 Resp: 145454
Ion Ratio Lower Upper
65 100
67 51.7 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: VU044852.D

Acq: 25 Sep 2021 21:15

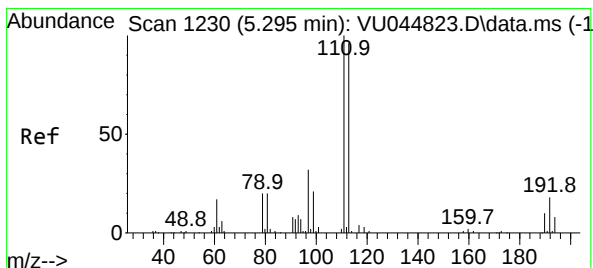
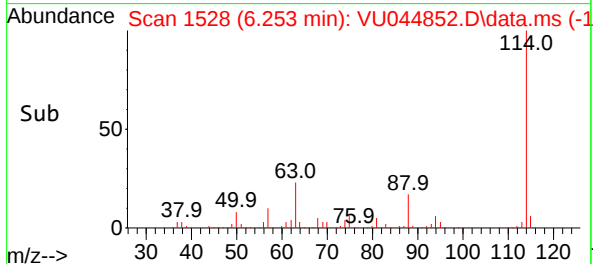
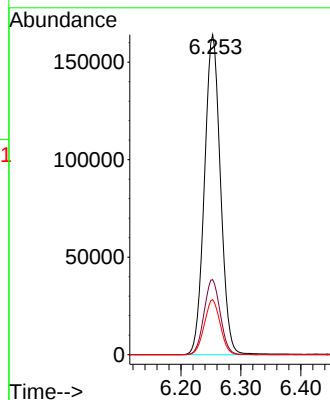
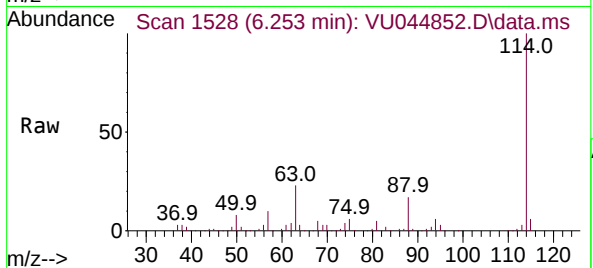
Tgt Ion:114 Resp: 306232

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.8

88 17.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.350 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

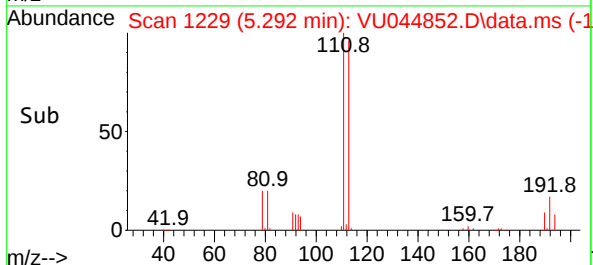
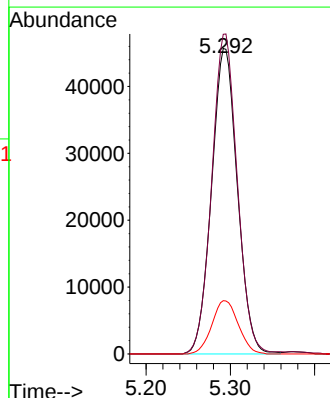
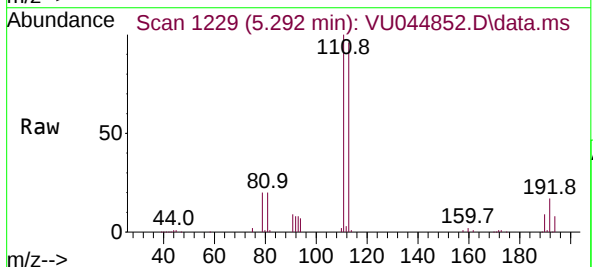
Tgt Ion:113 Resp: 97372

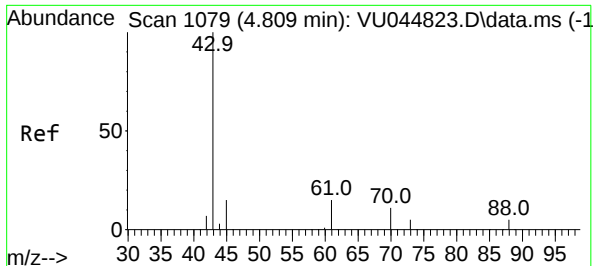
Ion Ratio Lower Upper

113 100

111 103.3 84.1 126.1

192 17.8 14.8 22.2





#37

Ethyl Acetate

Concen: 1.003 ug/l

RT: 4.806 min Scan# 1078

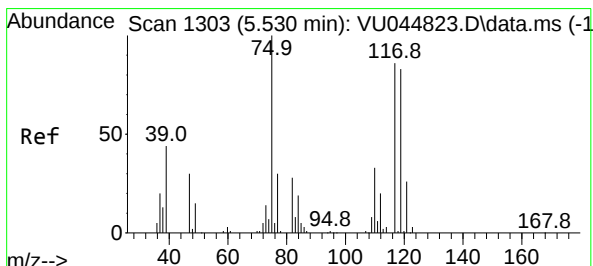
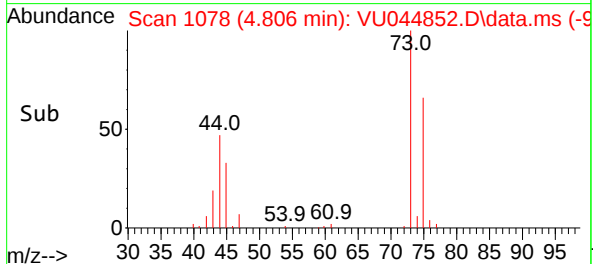
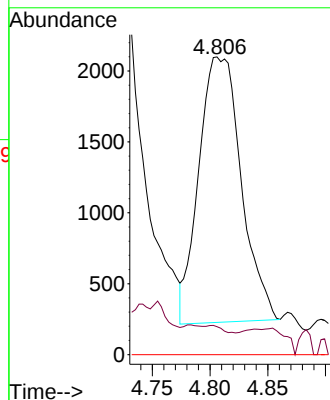
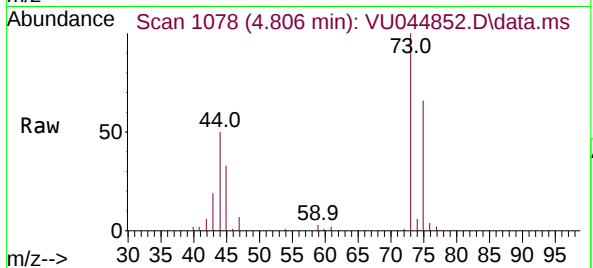
Delta R.T. -0.003 min

Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

Tgt Ion: 43	Resp: 4781
Ion Ratio	Lower Upper
43 100	
61 0.0	10.9 16.3#
70 0.0	8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.287 ug/l

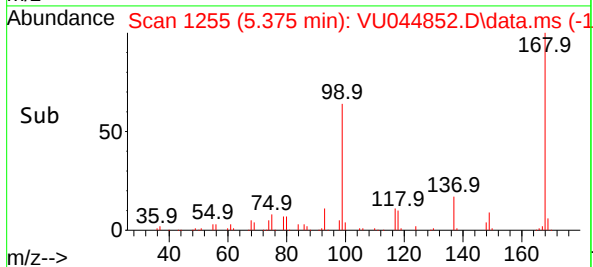
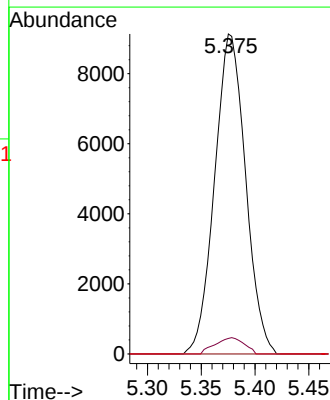
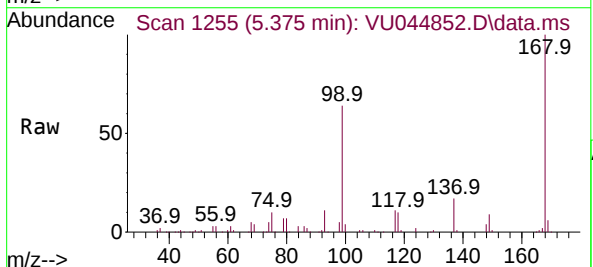
RT: 5.375 min Scan# 1255

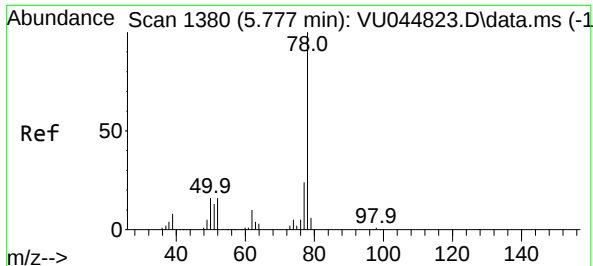
Delta R.T. -0.154 min

Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

Tgt Ion: 117	Resp: 18262
Ion Ratio	Lower Upper
117 100	
119 4.9	77.4 116.2#
121 0.0	24.5 36.7#

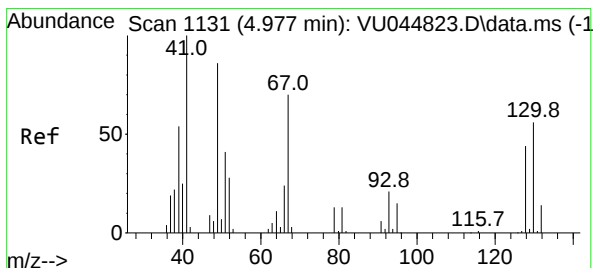
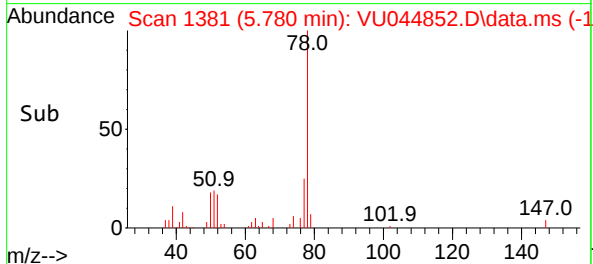
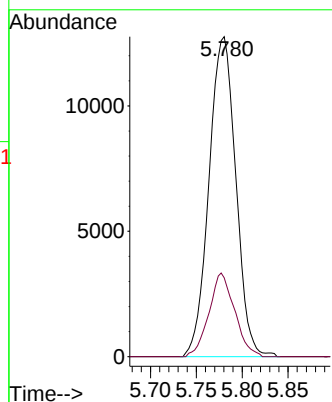
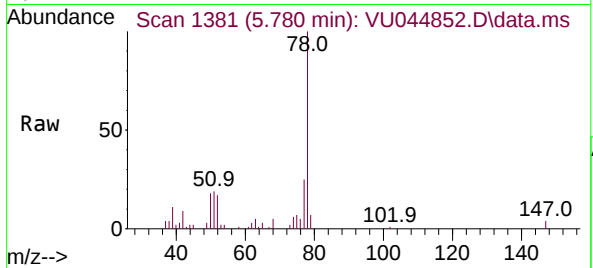




#40
Benzene
Concen: 2.622 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

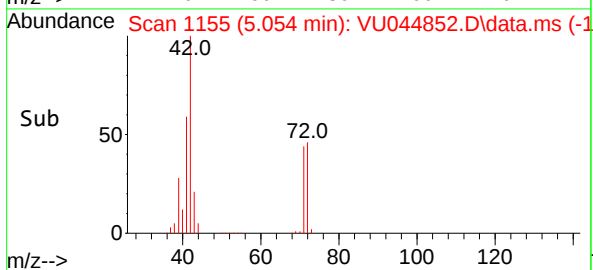
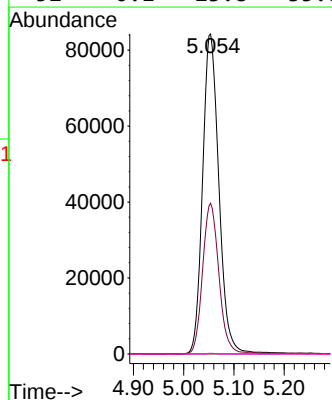
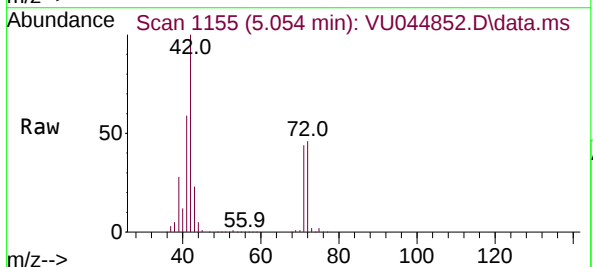
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

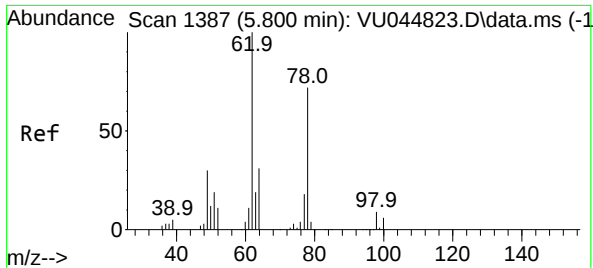
Tgt Ion: 78 Resp: 25974
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7



#41
Methacrylonitrile
Concen: 79.863 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.077 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 41 Resp: 190051
Ion Ratio Lower Upper
41 100
39 46.9 44.4 66.6
67 0.0 58.1 87.1#
52 0.1 23.8 35.8#





#42

1,2-Dichloroethane

Concen: 0.338 ug/l

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

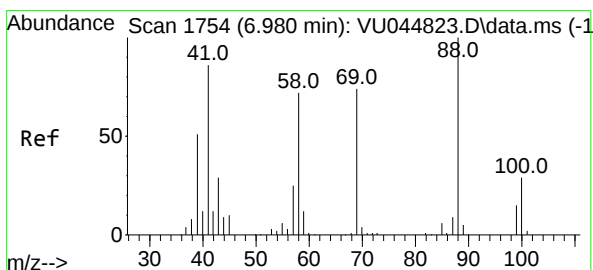
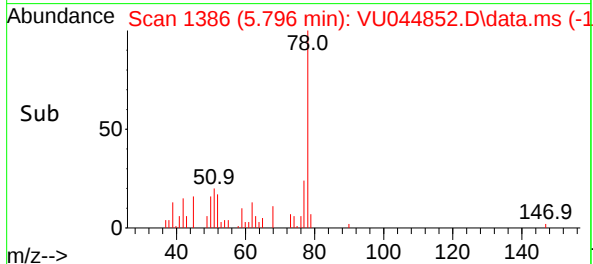
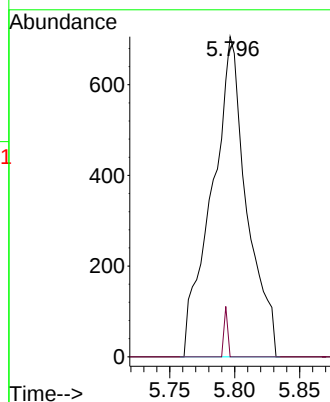
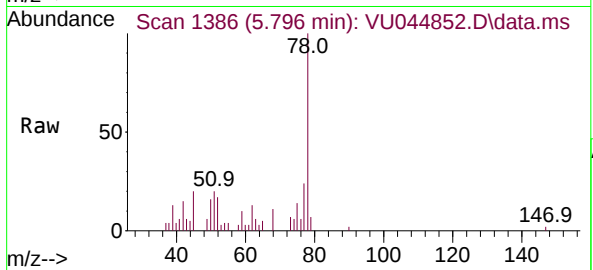
Lab File: VU044852.D

Acq: 25 Sep 2021 21:15

Tgt Ion: 62 Resp: 1318

Ion Ratio Lower Upper

62	100		
98	1.6	0.0	17.8



#49

1,4-Dioxane

Concen: 57.296 ug/l

RT: 6.976 min Scan# 1753

Delta R.T. -0.003 min

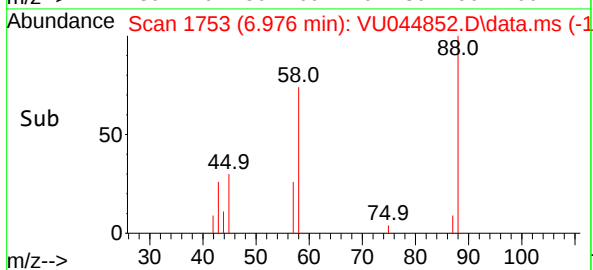
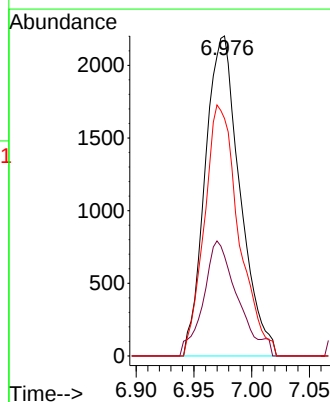
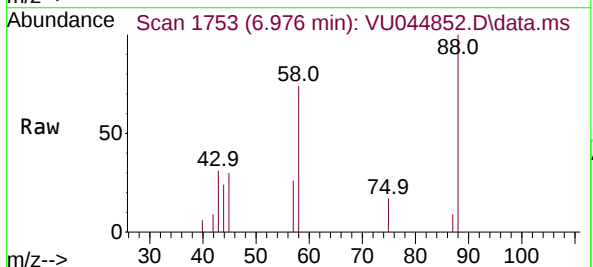
Lab File: VU044852.D

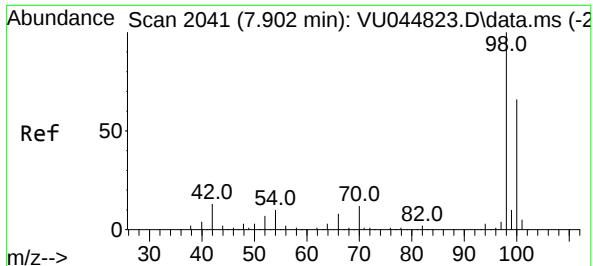
Acq: 25 Sep 2021 21:15

Tgt Ion: 88 Resp: 4610

Ion Ratio Lower Upper

88	100		
43	35.4	25.8	38.6
58	77.5	61.3	91.9





#50

Toluene-d8

Concen: 49.784 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU044852.D

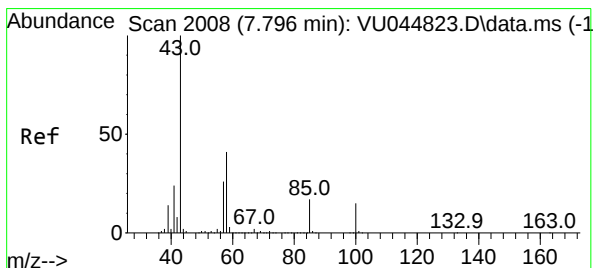
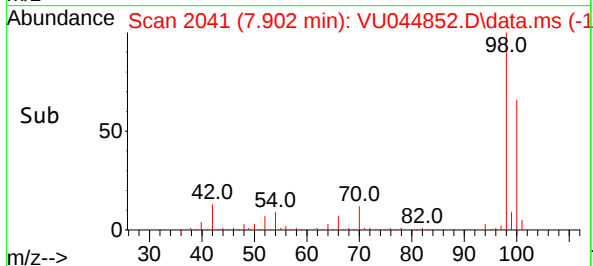
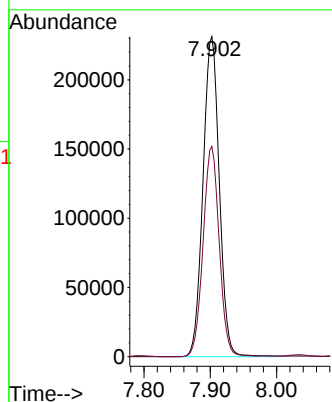
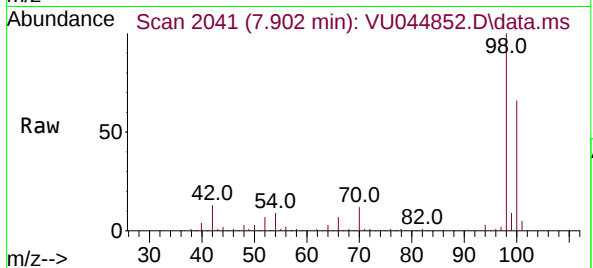
Acq: 25 Sep 2021 21:15

Tgt Ion: 98 Resp: 394997

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 2.699 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU044852.D

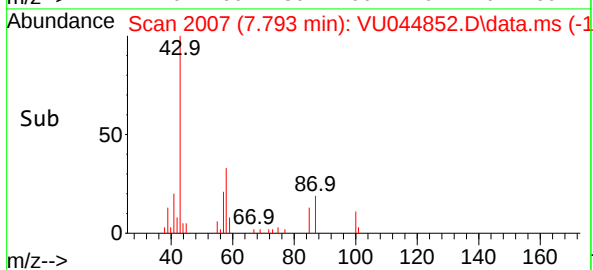
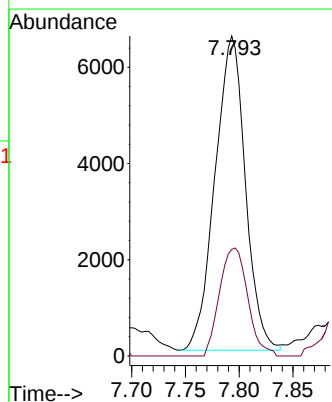
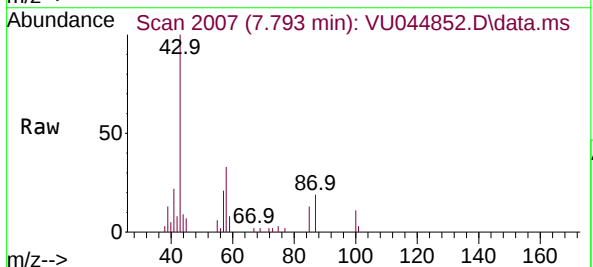
Acq: 25 Sep 2021 21:15

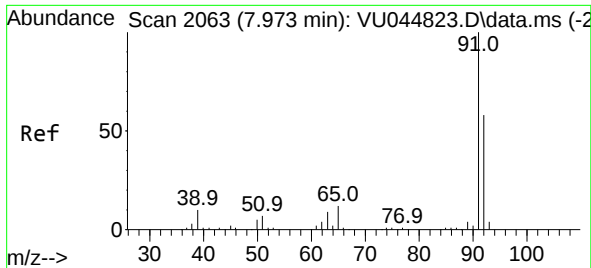
Tgt Ion: 43 Resp: 12831

Ion Ratio Lower Upper

43 100

58 31.8 32.4 48.6#

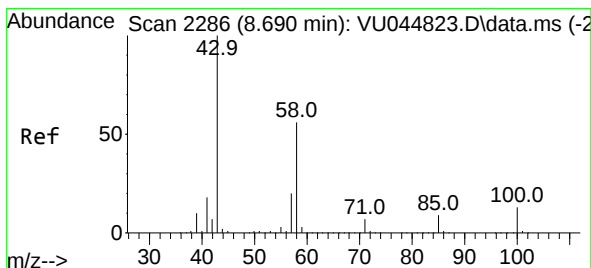
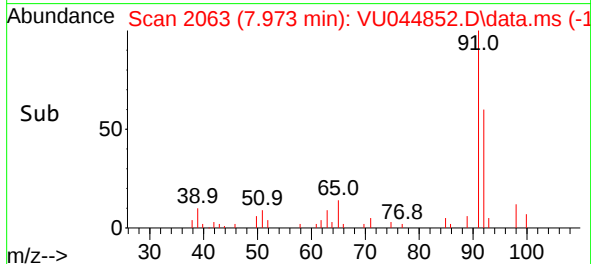
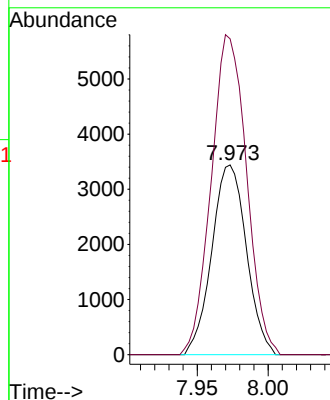
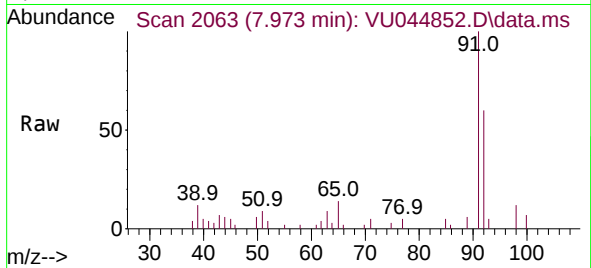




#52
Toluene
Concen: 0.987 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

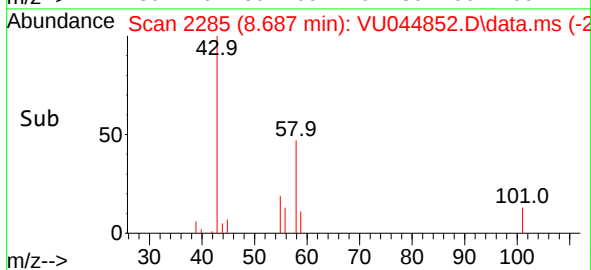
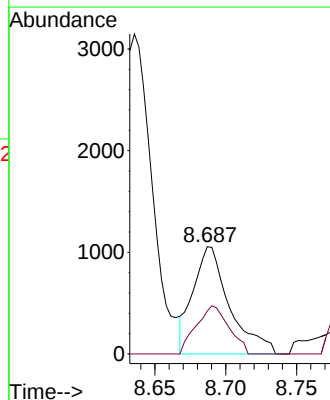
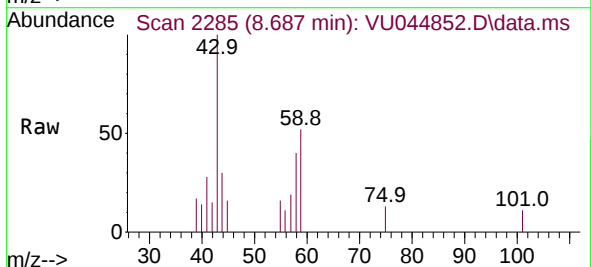
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

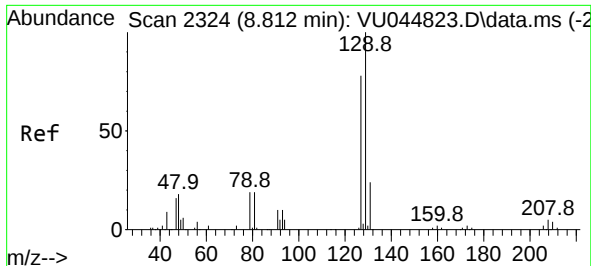
Tgt Ion: 92 Resp: 5846
Ion Ratio Lower Upper
92 100
91 172.1 136.9 205.3



#59
2-Hexanone
Concen: 0.497 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
58 40.2 28.0 84.0

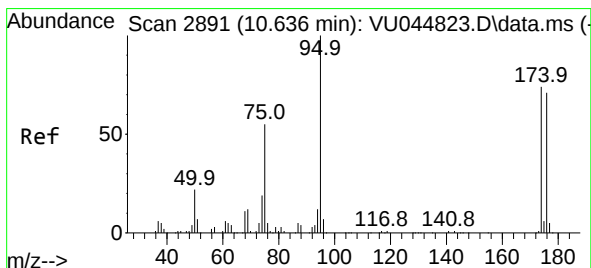
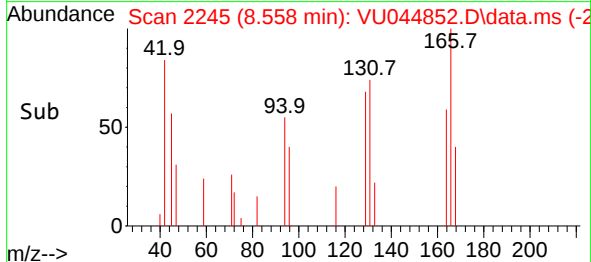
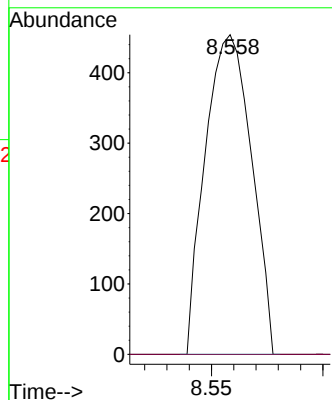
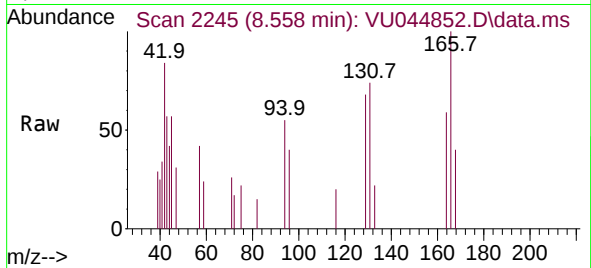




#60
Dibromochloromethane
Concen: 0.270 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

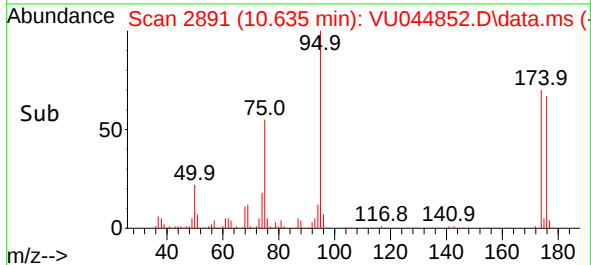
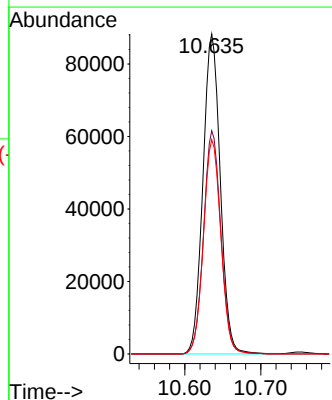
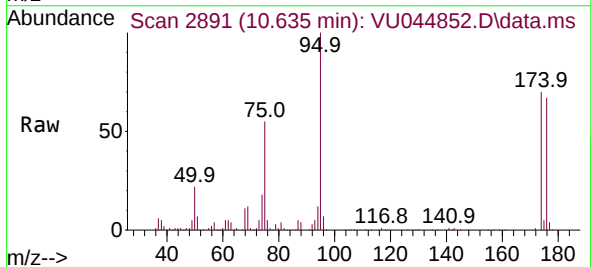
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

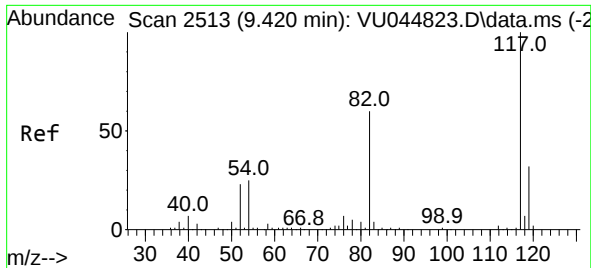
Tgt Ion:129 Resp: 655
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 47.445 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 95 Resp: 139817
Ion Ratio Lower Upper
95 100
174 69.6 0.0 146.6
176 67.0 0.0 141.2



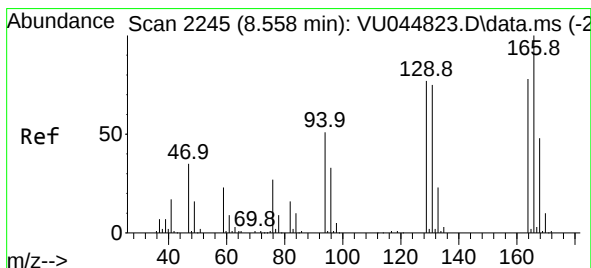
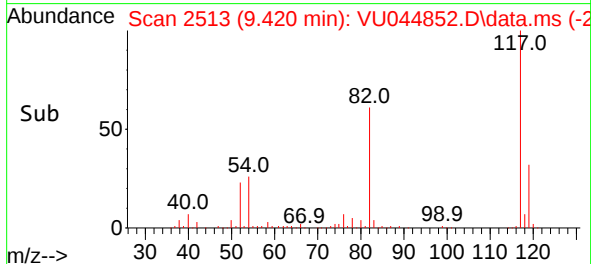
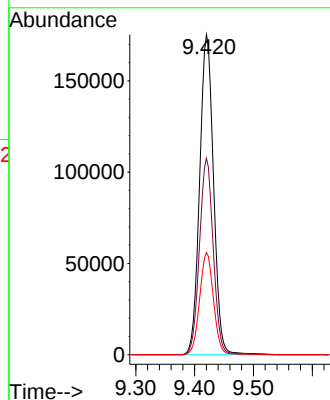
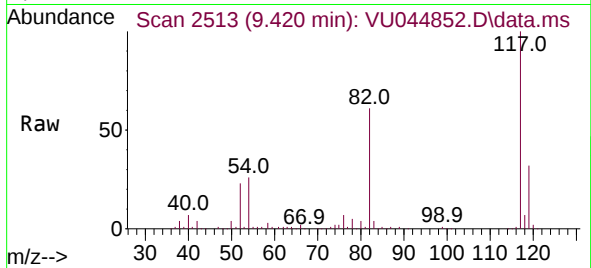


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

Tgt Ion:117 Resp: 287401

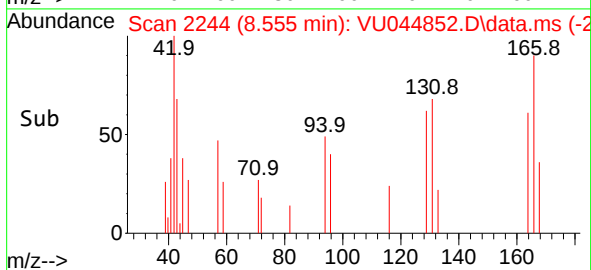
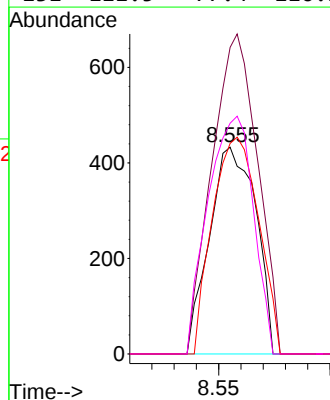
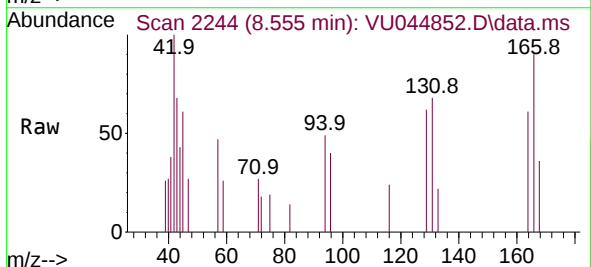
Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.8	71.8
119	31.9	25.8	38.6

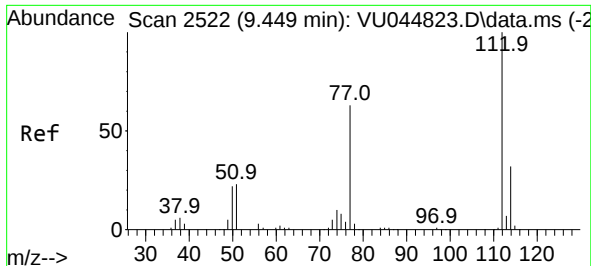


#64
Tetrachloroethene
Concen: 0.321 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:164 Resp: 625

Ion	Ratio	Lower	Upper
164	100		
166	148.3	102.8	154.2
129	101.8	79.4	119.2
131	111.5	77.4	116.2

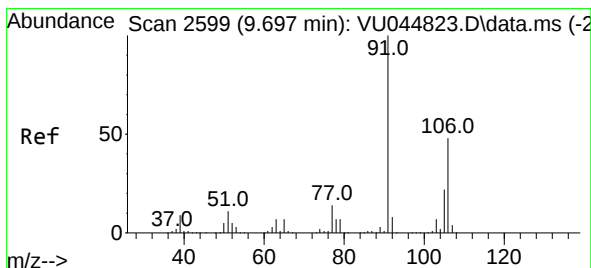
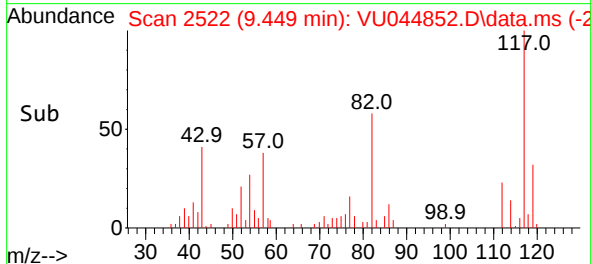
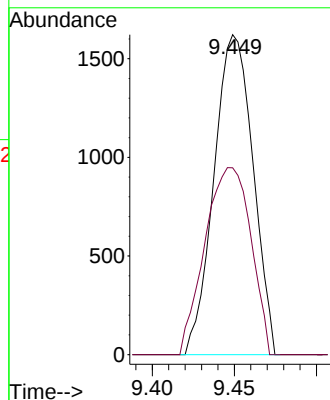
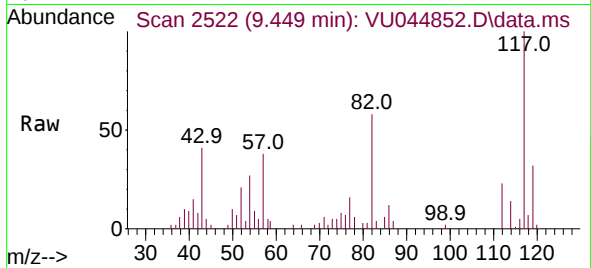




#65
Chlorobenzene
Concen: 0.449 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

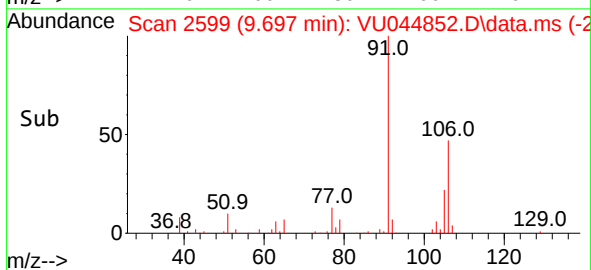
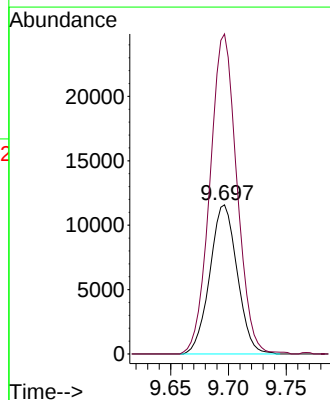
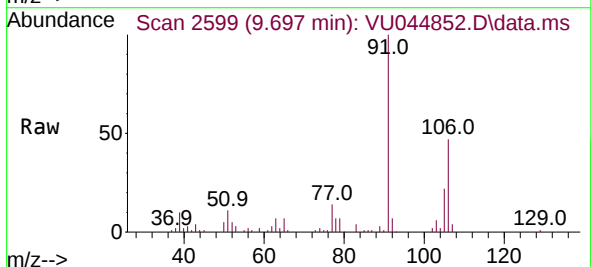
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

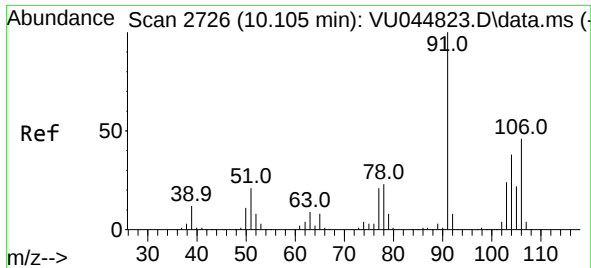
Tgt Ion:112 Resp: 2681
Ion Ratio Lower Upper
112 100
114 58.4 25.9 38.9#



#68
m/p-Xylenes
Concen: 4.683 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:106 Resp: 19073
Ion Ratio Lower Upper
106 100
91 211.8 164.2 246.2

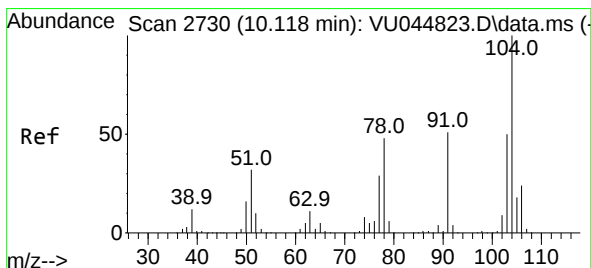
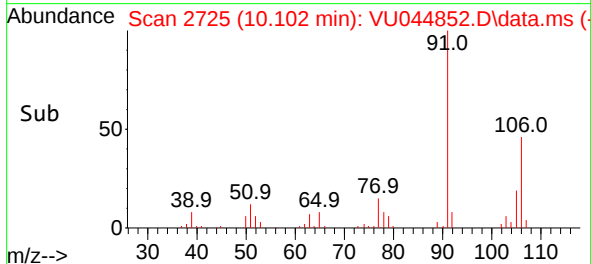
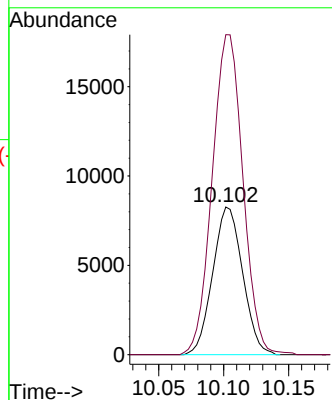
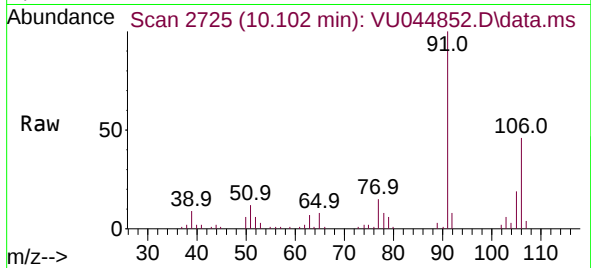




#69
o-Xylene
Concen: 3.358 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

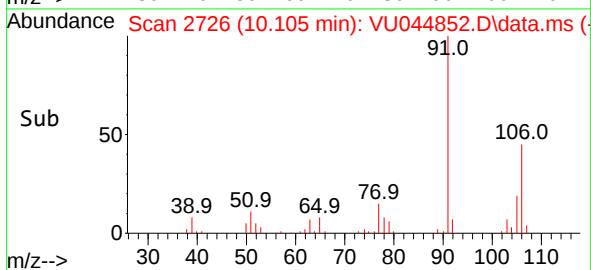
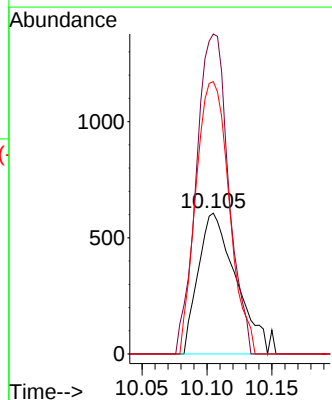
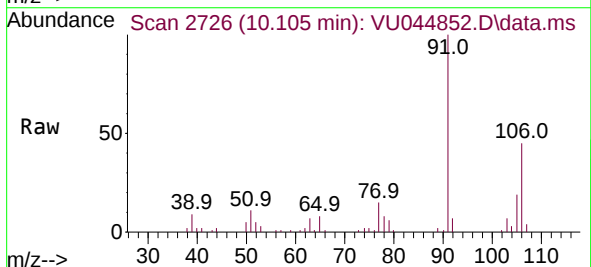
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

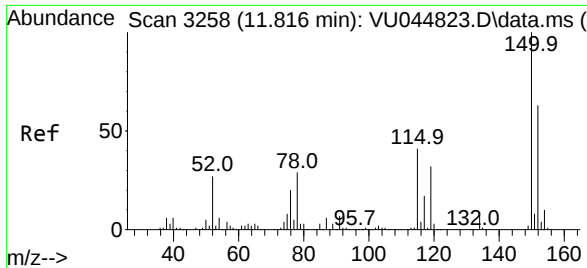
Tgt Ion:106 Resp: 13224
Ion Ratio Lower Upper
106 100
91 222.7 108.9 326.7



#70
Styrene
Concen: 1.176 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.013 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:104 Resp: 1242
Ion Ratio Lower Upper
104 100
78 191.0 41.4 62.0#
103 168.7 43.5 65.3#

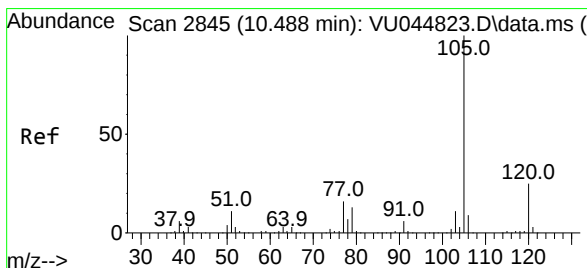
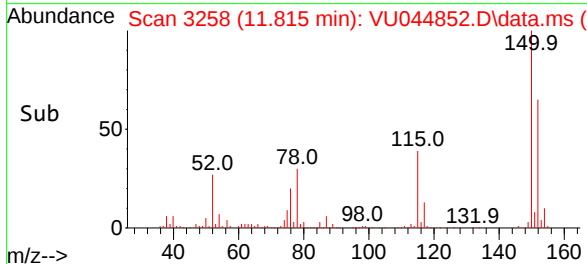
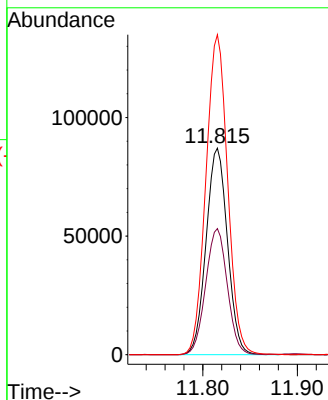
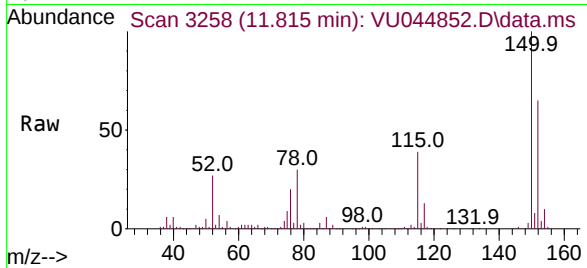




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

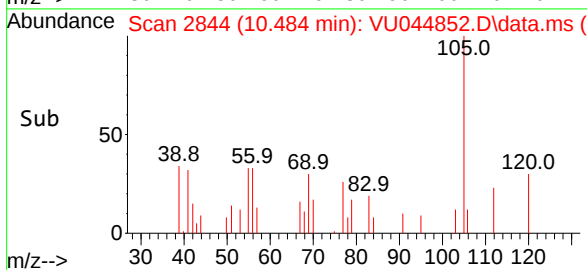
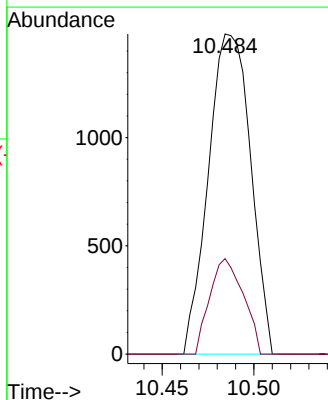
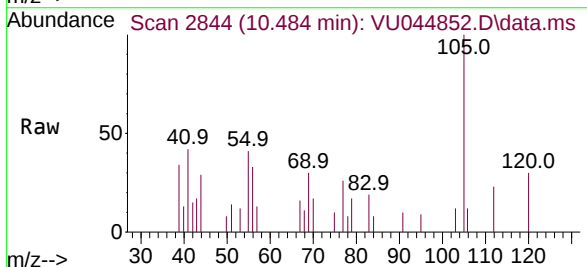
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

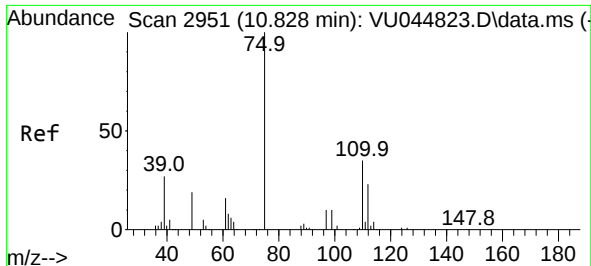
Tgt Ion:152 Resp: 136819
Ion Ratio Lower Upper
152 100
115 61.9 43.5 130.7
150 157.2 0.0 350.0



#73
Isopropylbenzene
Concen: 0.244 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:105 Resp: 2369
Ion Ratio Lower Upper
105 100
120 23.7 12.8 38.3

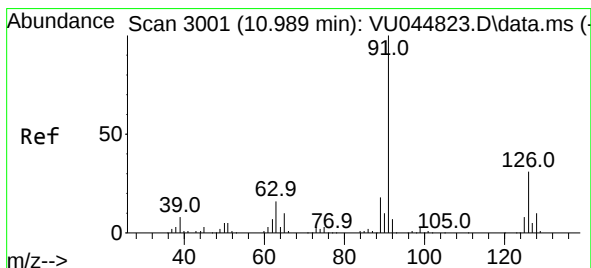
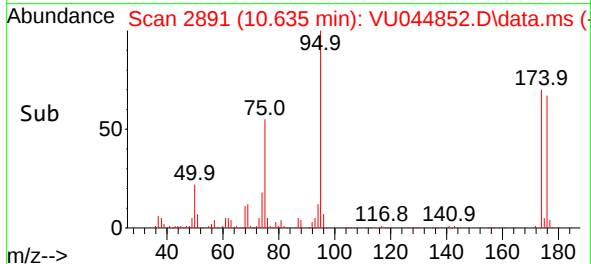
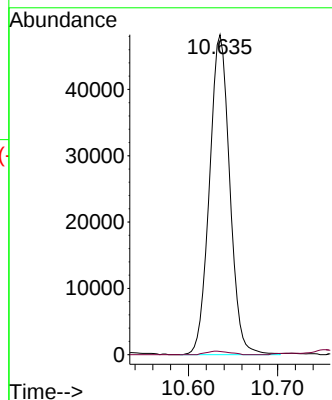
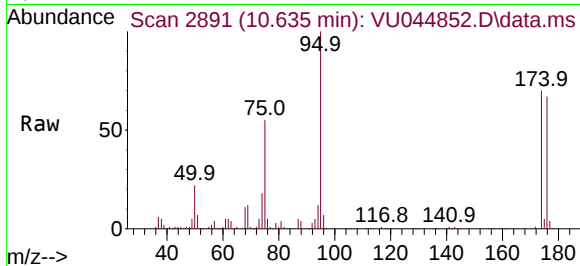




#76
1,2,3-Trichloropropane
Concen: 18.423 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

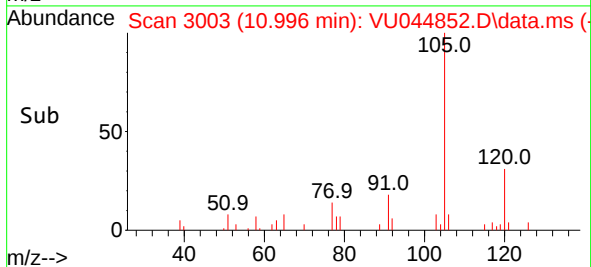
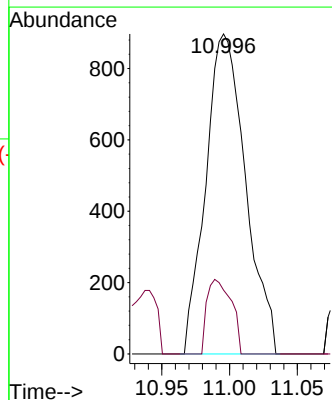
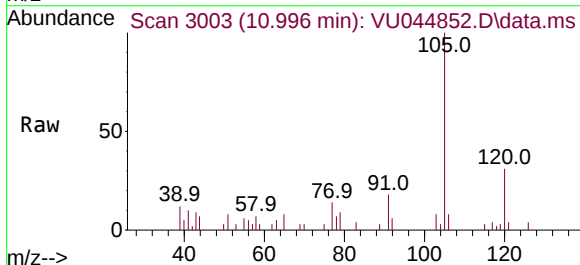
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

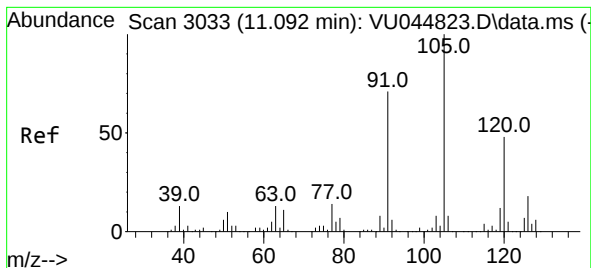
Tgt Ion: 75 Resp: 76329
Ion Ratio Lower Upper
75 100
77 1.3 17.9 53.7#



#79
2-Chlorotoluene
Concen: 0.256 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.006 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 91 Resp: 1835
Ion Ratio Lower Upper
91 100
126 14.2 15.7 47.0#

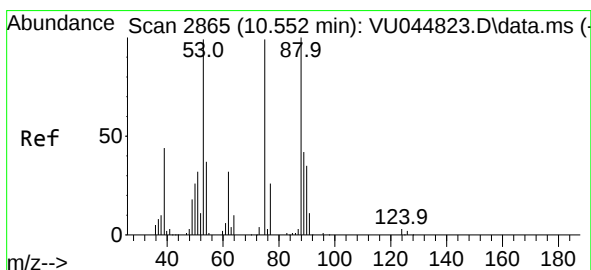
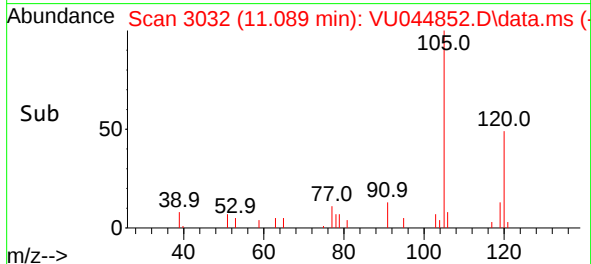
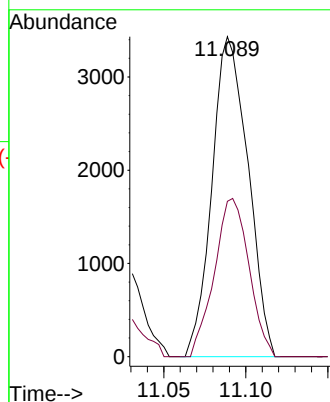
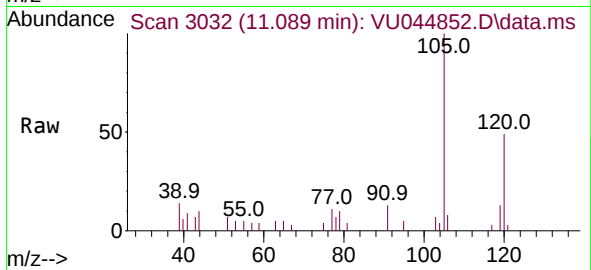




#80
1,3,5-Trimethylbenzene
Concen: 0.636 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

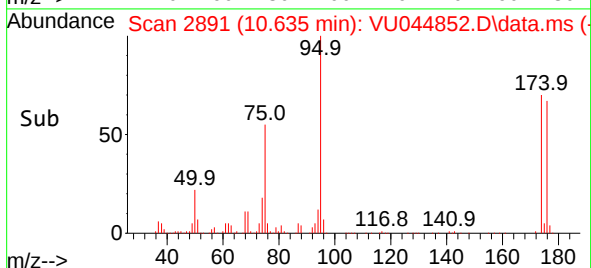
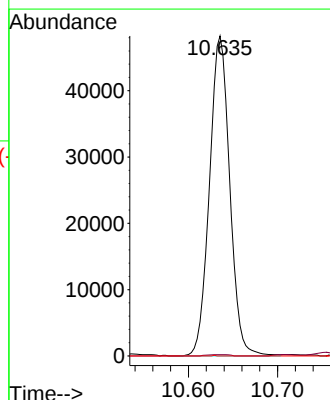
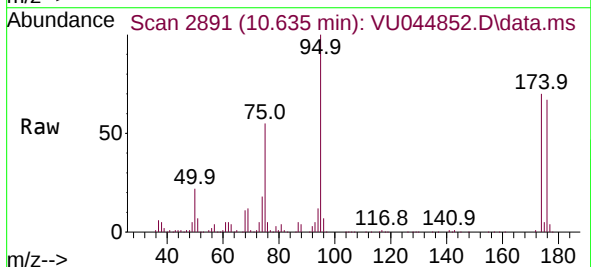
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

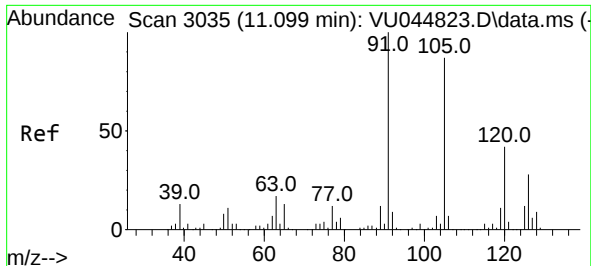
Tgt Ion:105 Resp: 5228
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 59.681 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 75 Resp: 76329
Ion Ratio Lower Upper
75 100
53 0.5 82.0 123.0#
89 0.0 34.2 51.4#

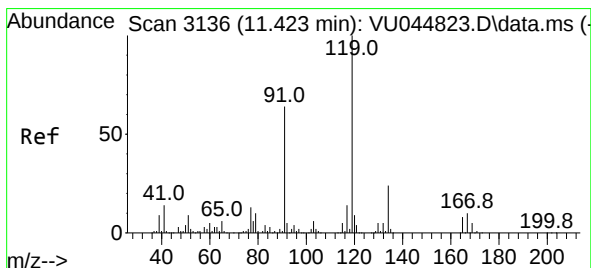
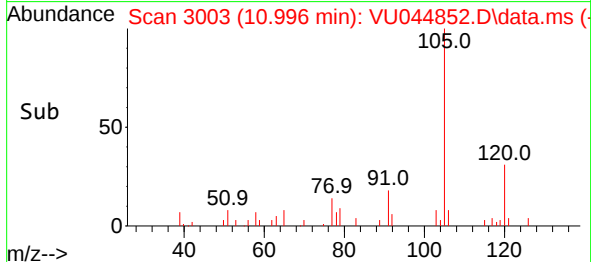
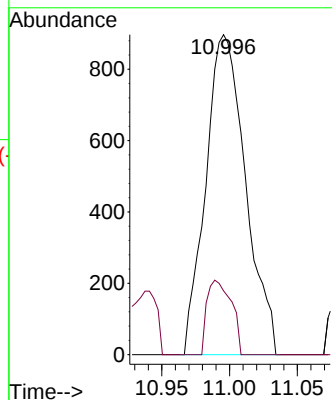
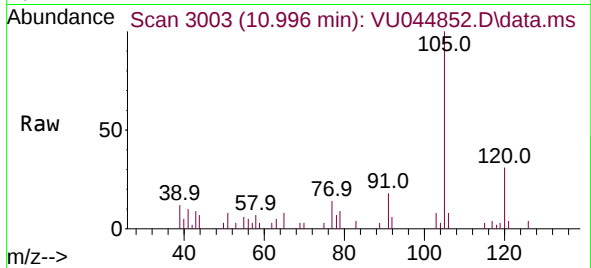




#82
4-Chlorotoluene
Concen: 0.225 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. -0.103 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

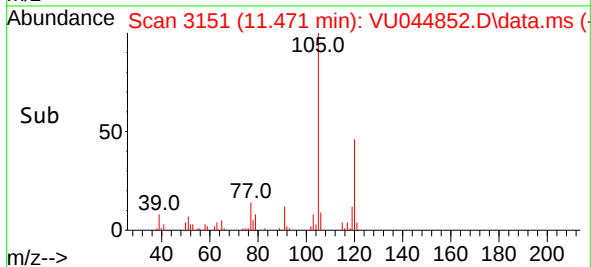
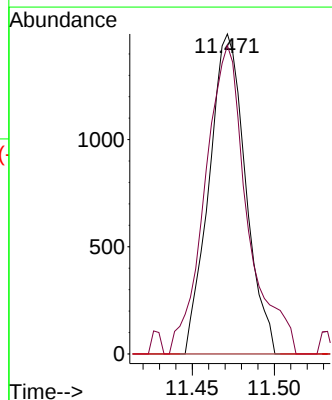
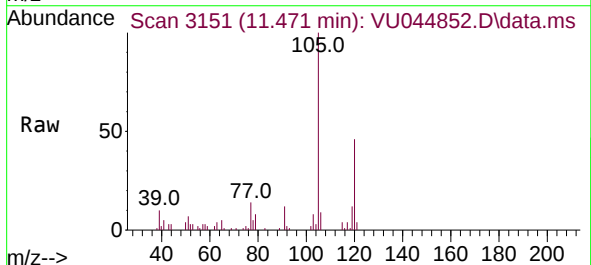
Instrument :
MSVOA_U
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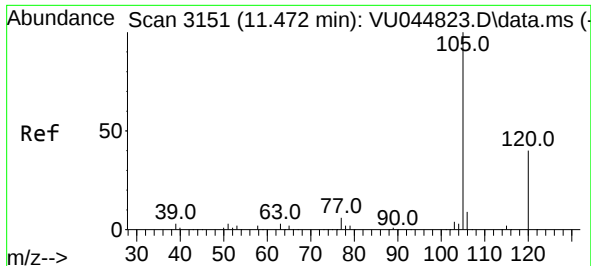
Tgt Ion: 91 Resp: 1835
Ion Ratio Lower Upper
91 100
126 14.2 13.8 41.4



#83
tert-Butylbenzene
Concen: 0.290 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.048 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 119 Resp: 2304
Ion Ratio Lower Upper
119 100
91 112.2 30.4 91.2#
134 0.0 11.5 34.5#

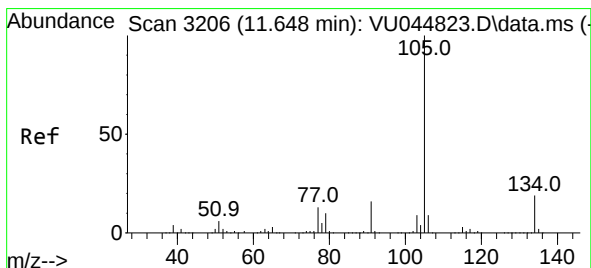
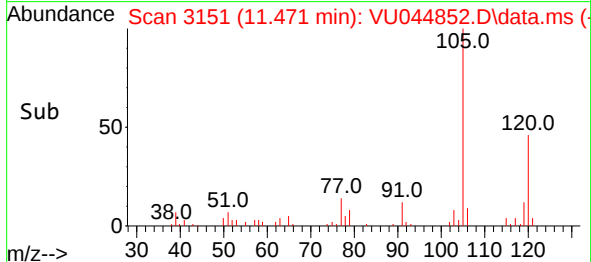
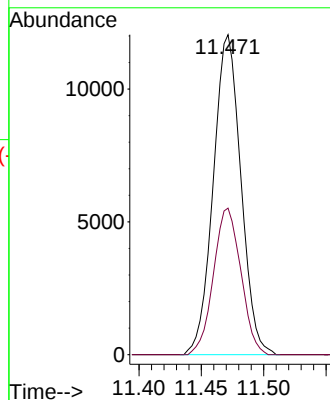
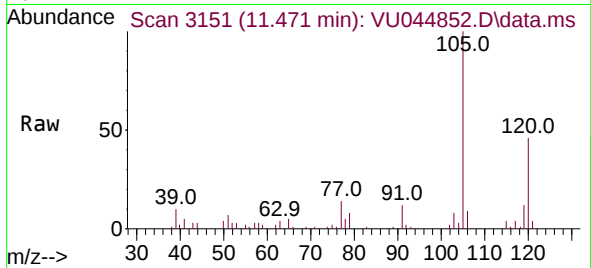




#84
1,2,4-Trimethylbenzene
Concen: 2.291 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

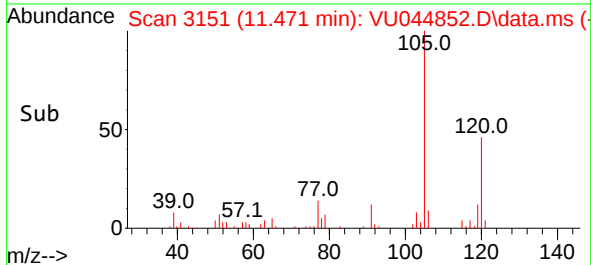
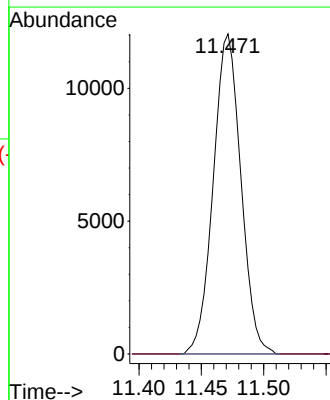
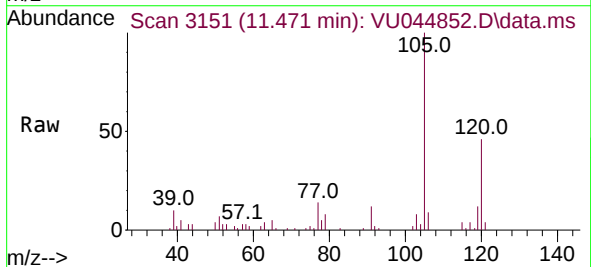
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

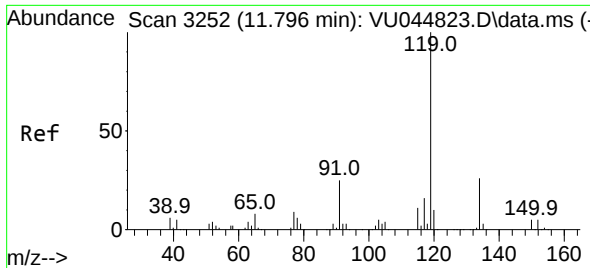
Tgt Ion:105 Resp: 18582
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.811 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.177 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:105 Resp: 18582
Ion Ratio Lower Upper
105 100
134 0.0 9.3 28.0#

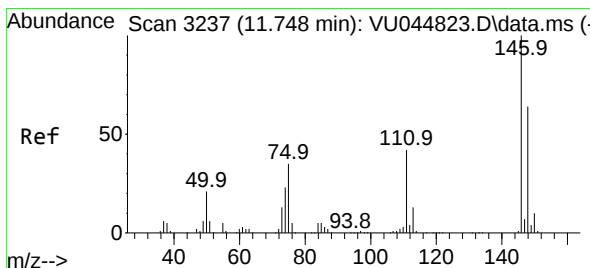
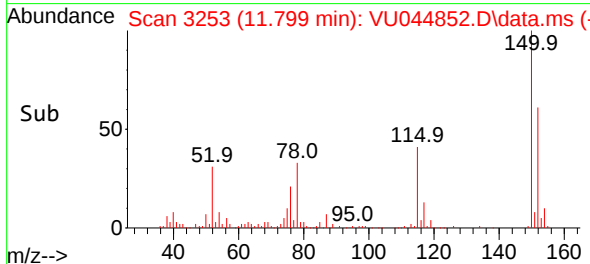
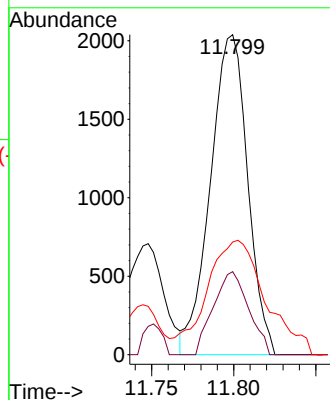
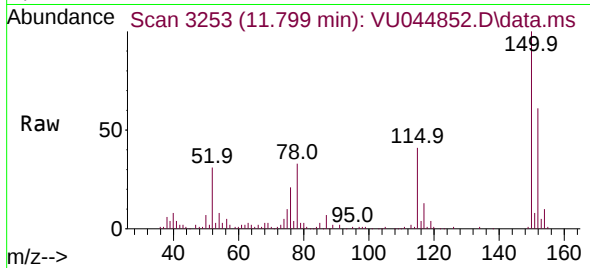




#86
p-Isopropyltoluene
Concen: 0.385 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

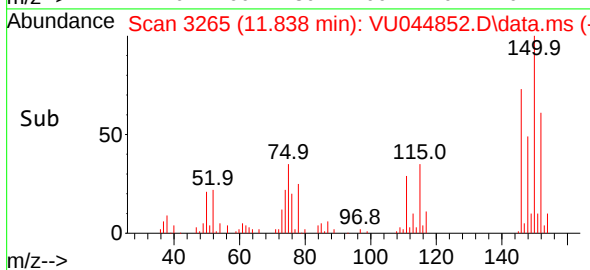
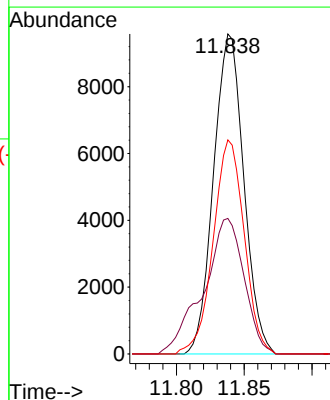
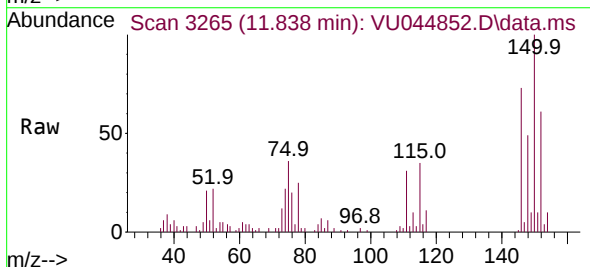
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

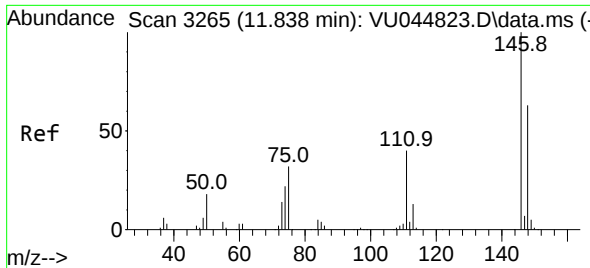
Tgt Ion:	119	Resp:	3214
Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.8	38.3
91	56.4	12.2	36.6#



#87
1,3-Dichlorobenzene
Concen: 3.297 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.090 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:	146	Resp:	14846
Ion	Ratio	Lower	Upper
146	100		
111	57.0	21.2	63.6
148	68.5	32.1	96.3

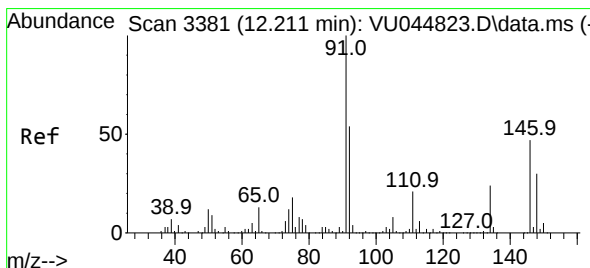
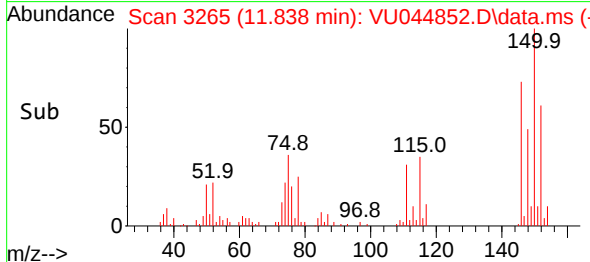
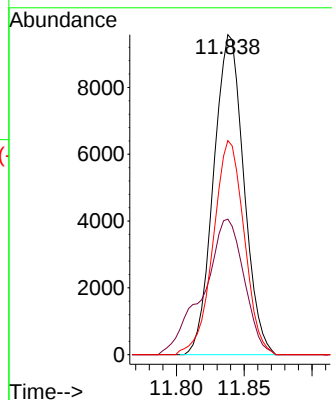
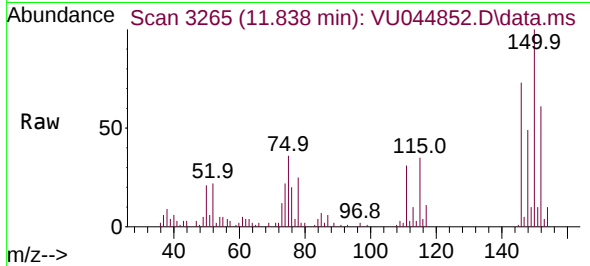




#88
1,4-Dichlorobenzene
Concen: 3.189 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

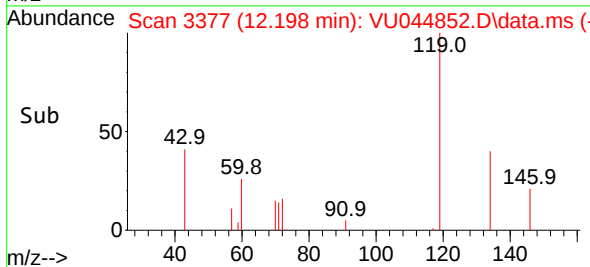
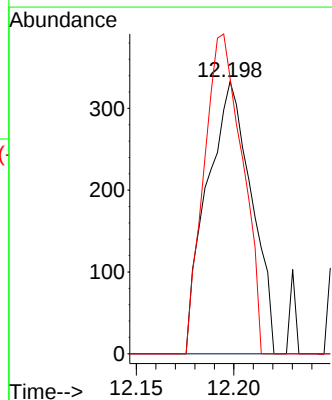
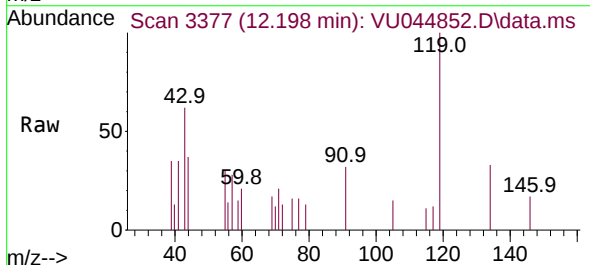
Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

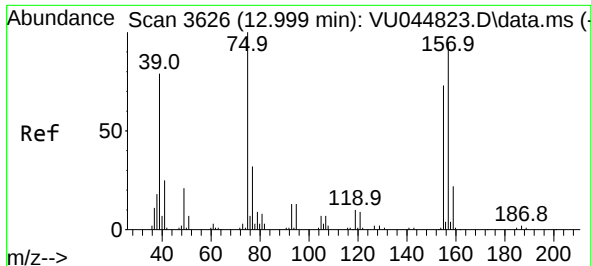
Tgt Ion:	146	Resp:	14846
Ion	Ratio	Lower	Upper
146	100		
111	57.0	20.3	61.0
148	68.5	31.8	95.3



#89
n-Butylbenzene
Concen: 1.335 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. -0.013 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:	91	Resp:	526
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	101.7	11.8	35.4#

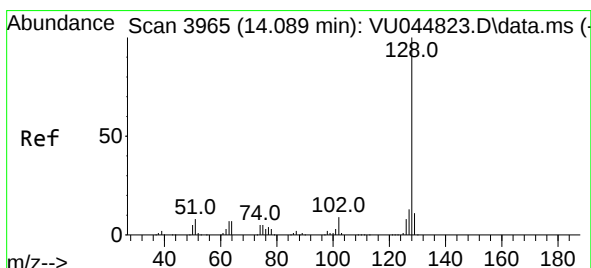
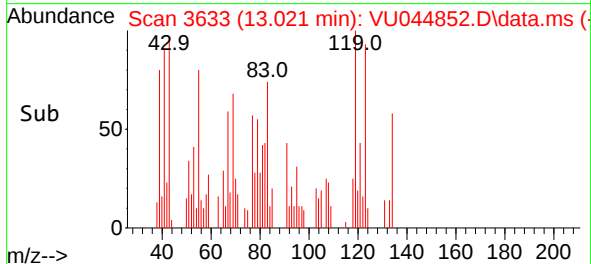
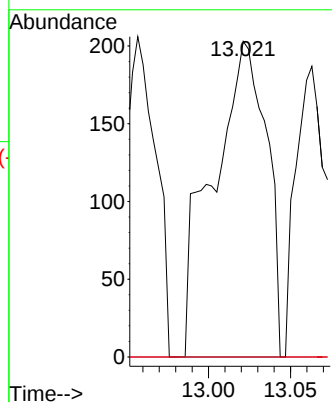
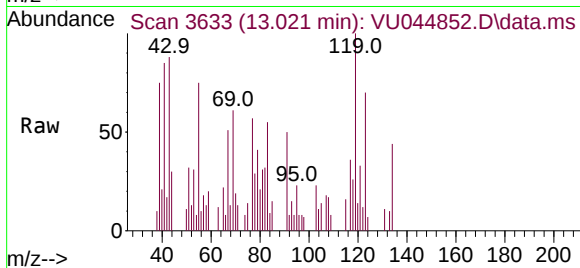




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.431 ug/l
RT: 13.021 min Scan# 3633
Delta R.T. 0.022 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Instrument :
MSVOA_U
ClientSampleId :
210922099-02-VOA

Tgt Ion: 75 Resp: 462
Ion Ratio Lower Upper
75 100
155 0.0 36.9 110.6#
157 0.0 47.8 143.3#



#95
Naphthalene
Concen: 1.060 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044852.D
Acq: 25 Sep 2021 21:15

Tgt Ion:128 Resp: 1256
Ion Ratio Lower Upper
128 100
127 6.6 10.4 15.6#
129 10.7 8.6 13.0

