

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044752.D
 Acq On : 22 Sep 2021 12:20
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 03:02:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	61225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33126	4.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.916	69	31508	3.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.572	65	14755	3.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.642	46	136445	41.794	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.580%
24) Chloroform-d	5.070	84	72855	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.710	65	43430	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.732	84	135733	3.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.697	67	47924	4.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.903	98	109450	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.186	79	16377	4.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.645	63	101105	39.889	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40890	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	43726	4.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2198	0.209	ug/L	99
3) Chloromethane	1.520	50	3321	0.262	ug/L	97
5) Vinyl chloride	1.607	62	2868	0.222	ug/L #	55
6) Bromomethane	1.861	94	1568	0.237	ug/L	98
8) Chloroethane	1.938	64	2658	0.323	ug/L #	77
9) Trichlorofluoromethane	2.141	101	3569	0.246	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2375	0.266	ug/L #	84
12) 1,1-Dichloroethene	2.584	96	2203	0.260	ug/L #	1
13) Acetone	2.649	43	3447	1.621	ug/L	83
14) Carbon disulfide	2.797	76	5097	0.190	ug/L	96
15) Methyl Acetate	2.961	43	1406	0.366	ug/L #	55
16) Methylene chloride	3.051	84	3250	0.241	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	4940	0.211	ug/L	96
18) trans-1,2-Dichloroethene	3.363	96	1933	0.214	ug/L	88
19) 1,1-Dichloroethane	3.874	63	4386	0.241	ug/L	95
21) 2-Butanone	4.726	43	5888	1.658	ug/L	83
22) cis-1,2-Dichloroethene	4.678	96	2359	0.237	ug/L	93
23) Bromochloromethane	4.986	128	1046	0.248	ug/L #	72
25) Chloroform	5.099	83	5410	0.279	ug/L	94

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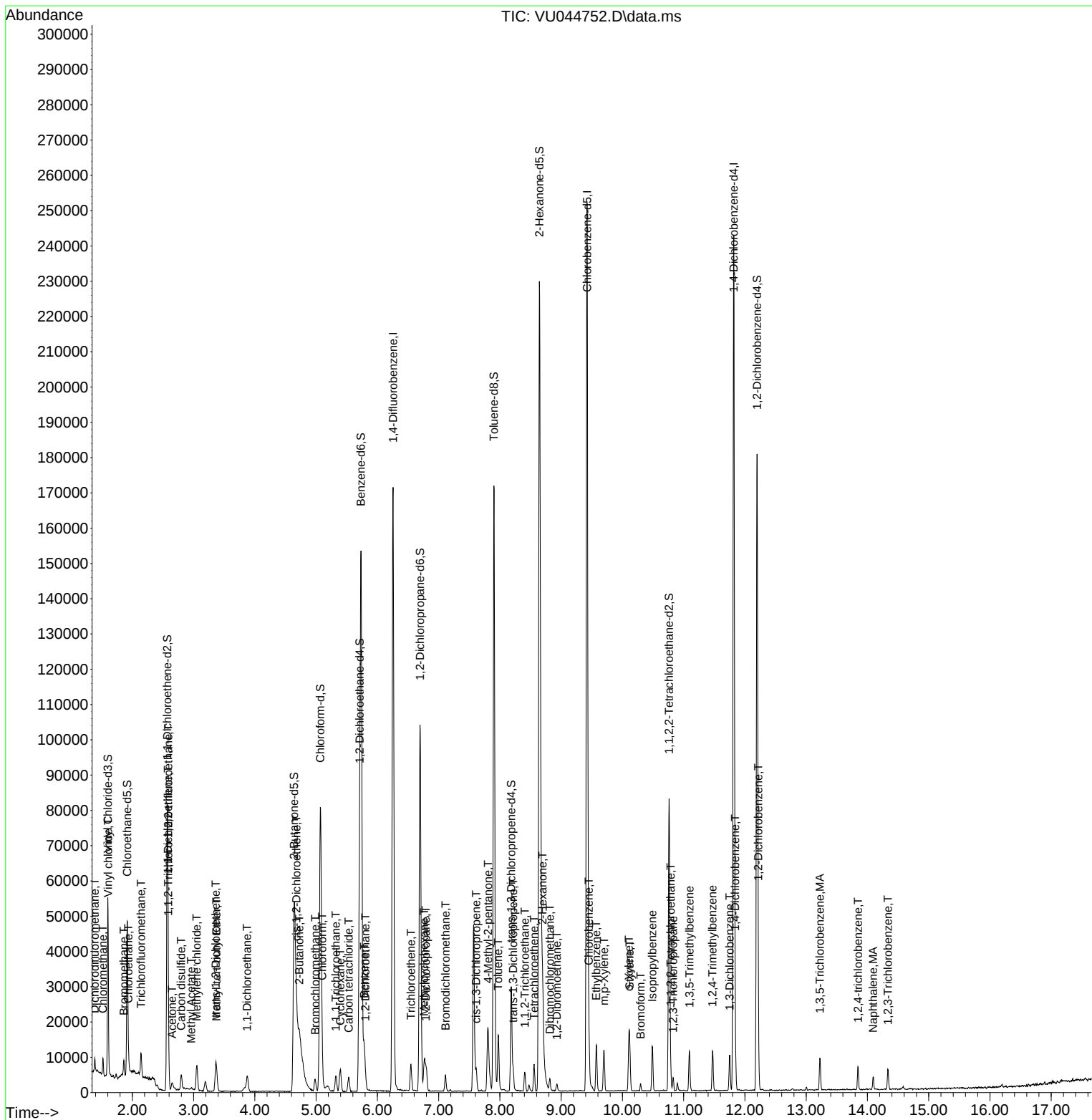
Quant Time: Sep 23 03:02:22 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
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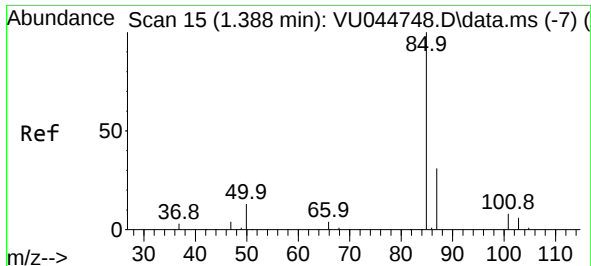
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.803	62	3296	0.259	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	3398	0.233	ug/L #	79
30) Cyclohexane	5.395	56	3029	0.182	ug/L	96
31) Carbon tetrachloride	5.533	117	2624	0.230	ug/L	94
33) Benzene	5.784	78	9806	0.247	ug/L	100
34) Trichloroethene	6.549	95	2265	0.231	ug/L	96
35) Methylcyclohexane	6.764	83	3106	0.193	ug/L	97
37) 1,2-Dichloropropane	6.793	63	2618	0.246	ug/L #	88
38) Bromodichloromethane	7.112	83	3084	0.239	ug/L #	98
39) cis-1,3-Dichloropropene	7.613	75	3128	0.208	ug/L	98
40) 4-Methyl-2-pentanone	7.806	43	16909	2.044	ug/L #	87
42) Toluene	7.973	91	10762	0.260	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	3347	0.261	ug/L #	79
45) 1,1,2-Trichloroethane	8.407	97	1804	0.239	ug/L	87
47) Tetrachloroethene	8.559	164	1545	0.227	ug/L	96
48) 2-Hexanone	8.697	43	17361	2.820	ug/L	95
49) Dibromochloromethane	8.816	129	1672	0.211	ug/L	83
50) 1,2-Dibromoethane	8.928	107	1599	0.225	ug/L #	89
51) Chlorobenzene	9.452	112	6049	0.236	ug/L	97
52) Ethylbenzene	9.575	91	9115	0.203	ug/L	98
53) m,p-Xylene	9.700	106	3314	0.194	ug/L	99
54) o-Xylene	10.105	106	3115	0.191	ug/L	96
55) Styrene	10.118	104	5017	0.176	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	2390	0.236	ug/L	99
59) Bromoform	10.298	173	819	0.215	ug/L #	85
60) Isopropylbenzene	10.488	105	8032	0.210	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	1780	0.263	ug/L	91
62) 1,3,5-Trimethylbenzene	11.095	105	6440	0.202	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	6494	0.199	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	3690	0.207	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	4169	0.226	ug/L	96
67) 1,2-Dichlorobenzene	12.218	146	4344	0.256	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	2864	0.211	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	2221	0.194	ug/L	90
71) Naphthalene	14.092	128	3376	0.151	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.333	180	1834	0.174	ug/L	98

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

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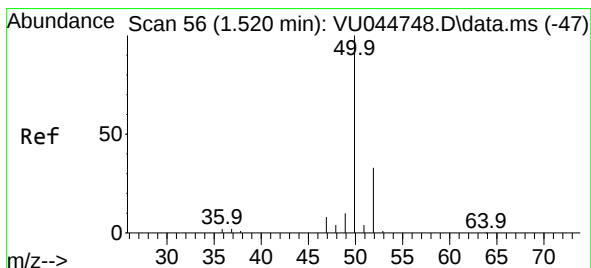
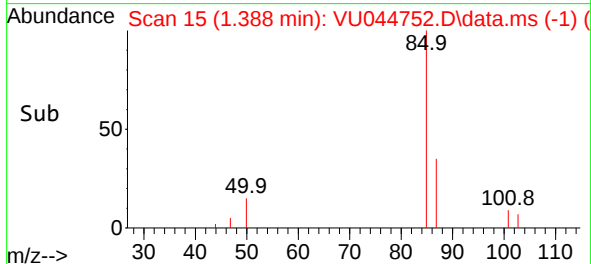
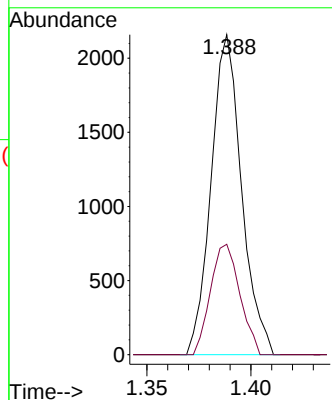
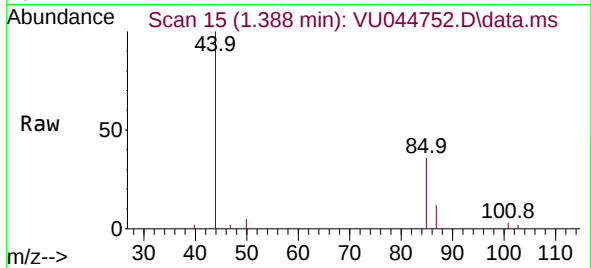




#2
Dichlorodifluoromethane
Concen: 0.209 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

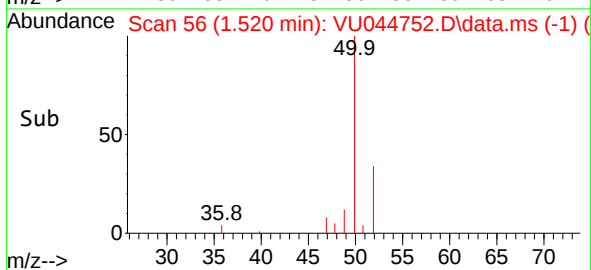
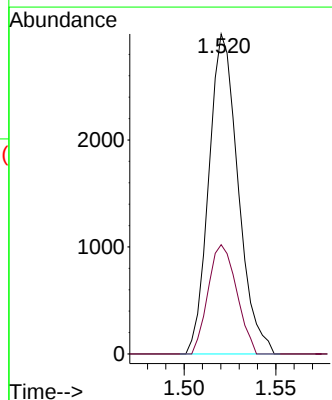
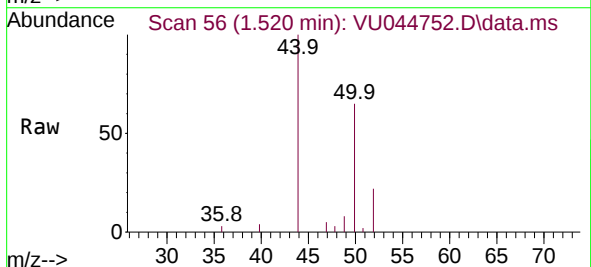
Instrument :
MSVOA_U
ClientSampled :

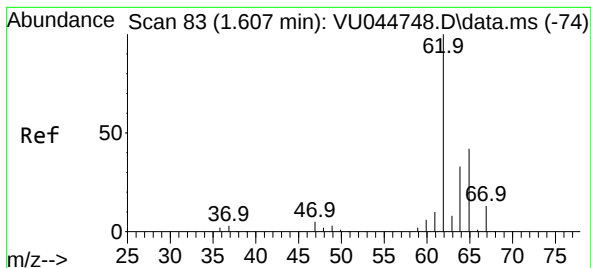
Tgt Ion: 85 Resp: 2198
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0



#3
Chloromethane
Concen: 0.262 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 50 Resp: 3321
Ion Ratio Lower Upper
50 100
52 34.2 22.6 42.0





#5

Vinyl chloride

Concen: 0.222 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion: 62 Resp: 2868

Ion Ratio Lower Upper

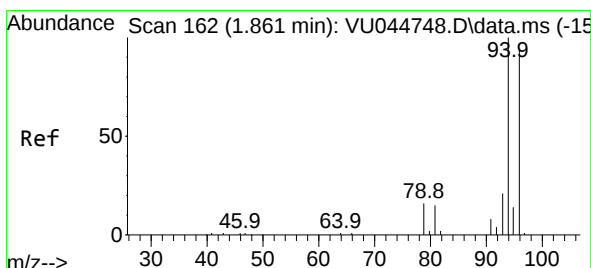
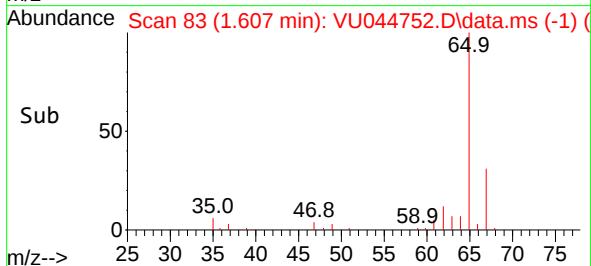
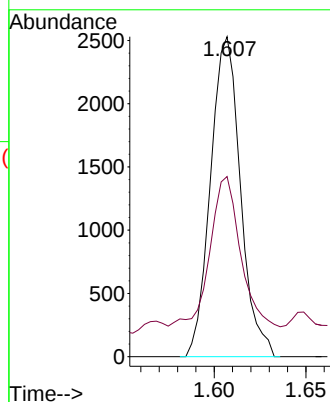
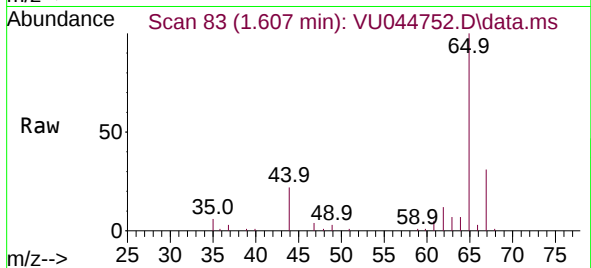
62 100

64 56.3 22.0 40.8#

Instrument :

MSVOA_U

ClientSampled :



#6

Bromomethane

Concen: 0.237 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU044752.D

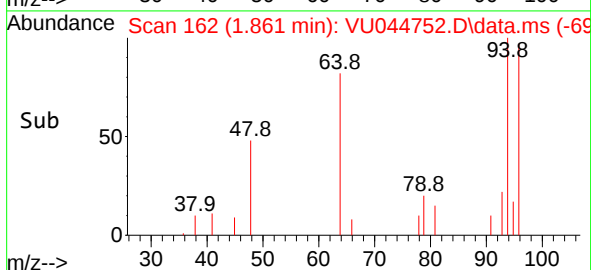
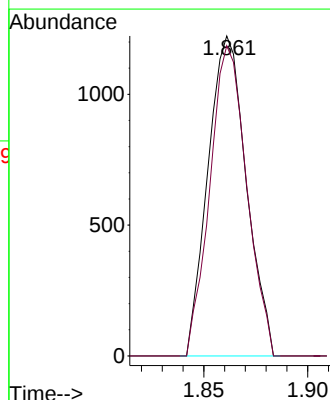
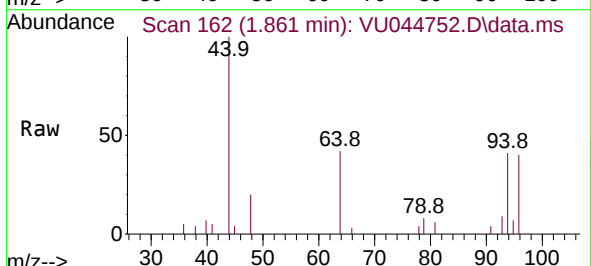
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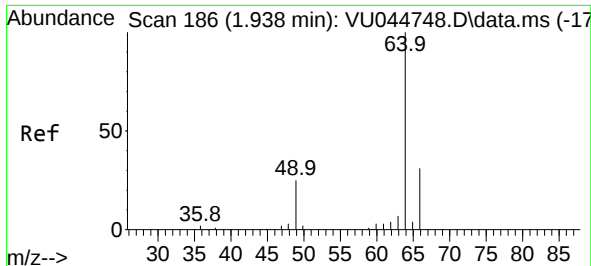
Tgt Ion: 94 Resp: 1568

Ion Ratio Lower Upper

94 100

96 97.0 66.4 123.4

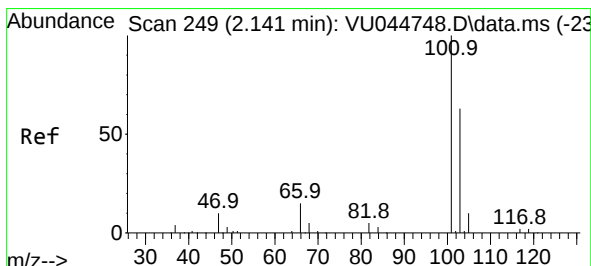
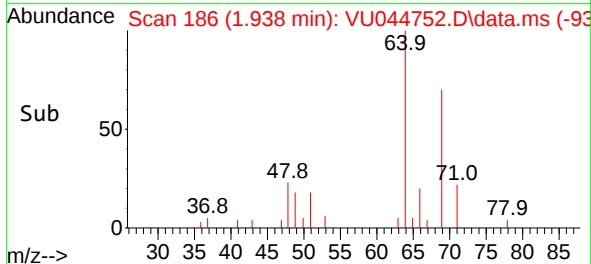
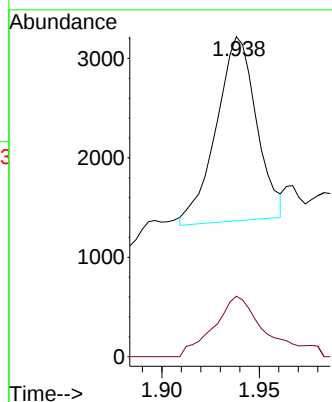
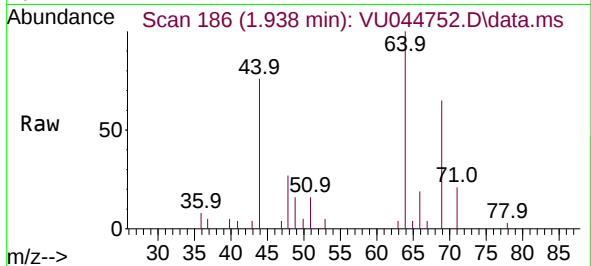




#8
Chloroethane
Concen: 0.323 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

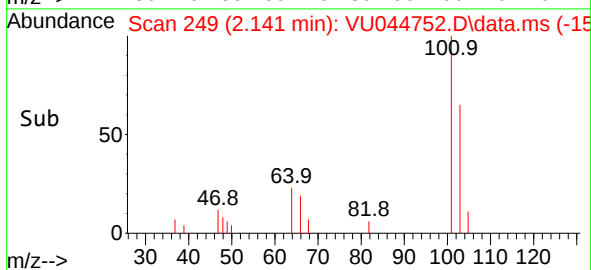
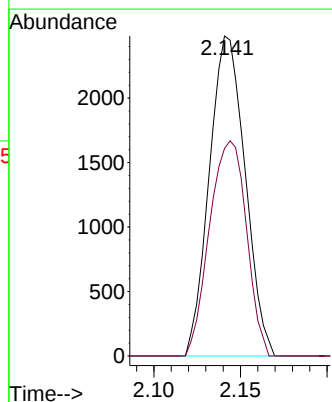
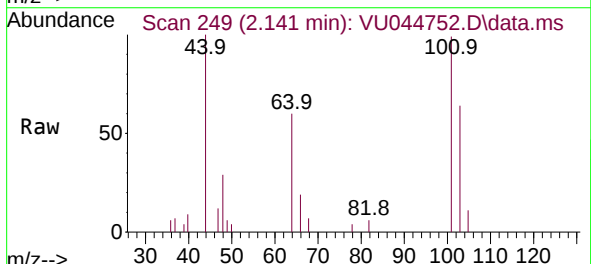
Instrument :
MSVOA_U
ClientSampled :

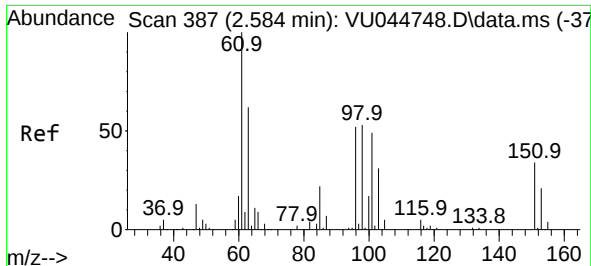
Tgt Ion: 64 Resp: 2658
Ion Ratio Lower Upper
64 100
66 18.9 22.1 41.1#



#9
Trichlorofluoromethane
Concen: 0.246 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:101 Resp: 3569
Ion Ratio Lower Upper
101 100
103 69.2 51.2 76.8

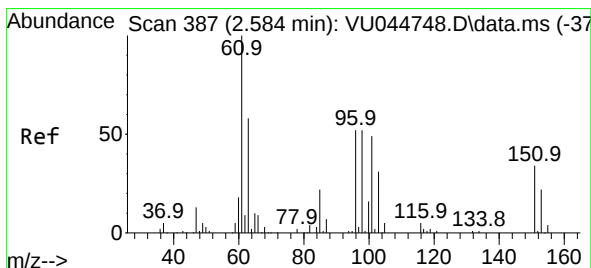
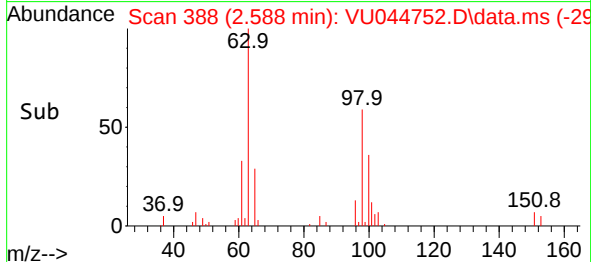
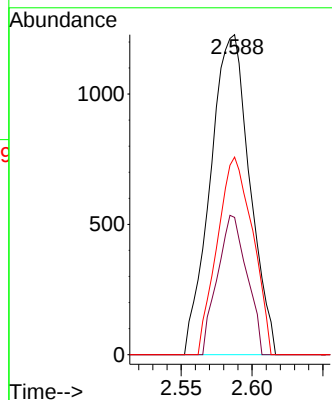
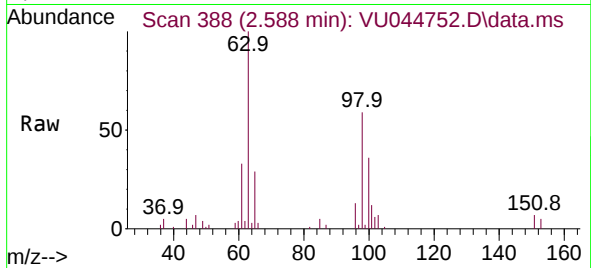




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.266 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

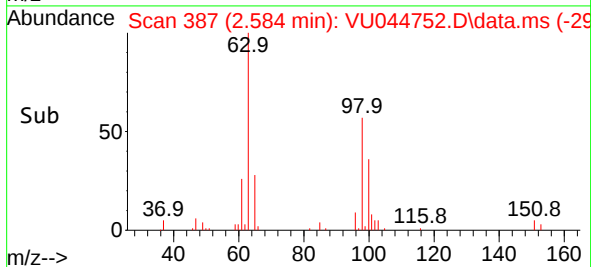
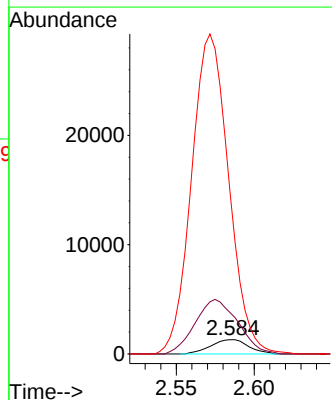
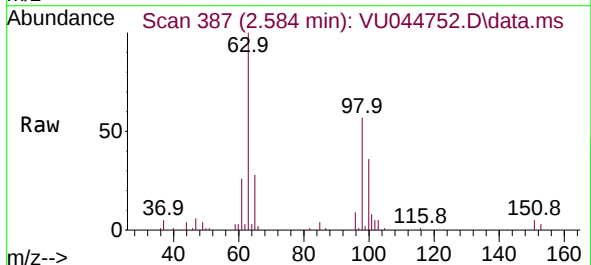
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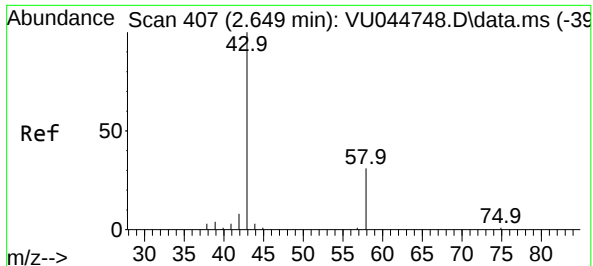
Tgt Ion:101 Resp: 2375
Ion Ratio Lower Upper
101 100
85 32.5 35.4 53.2#
151 55.5 53.9 80.9



#12
1,1-Dichloroethene
Concen: 0.260 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 96 Resp: 2203
Ion Ratio Lower Upper
96 100
61 290.4 129.3 240.1#
63 1137.2 91.3 169.5#

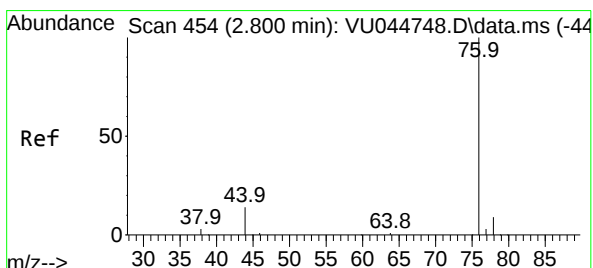
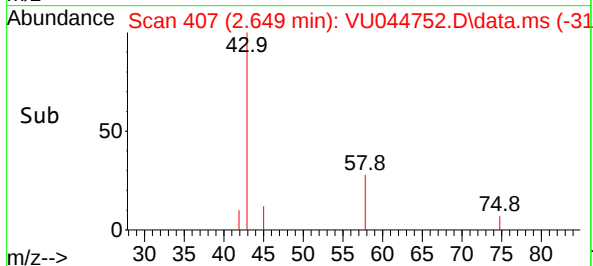
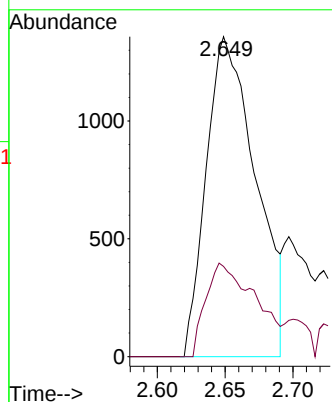
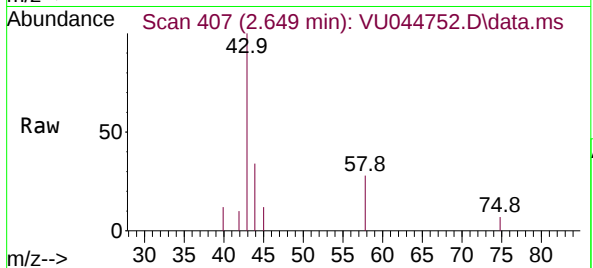




#13
Acetone
Concen: 1.621 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

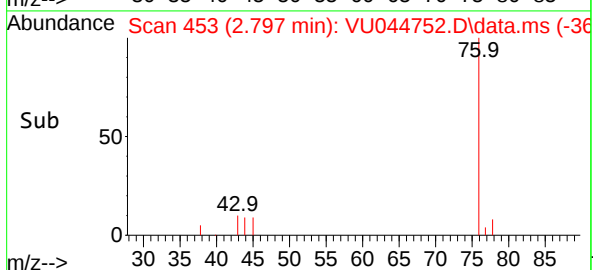
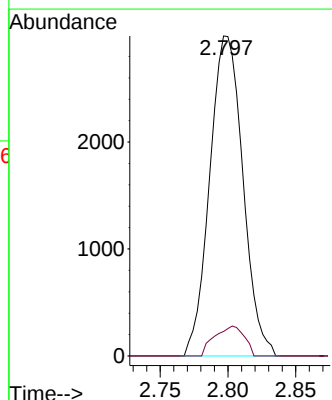
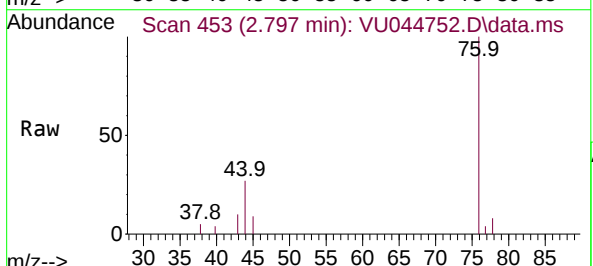
Instrument :
MSVOA_U
ClientSampleId :

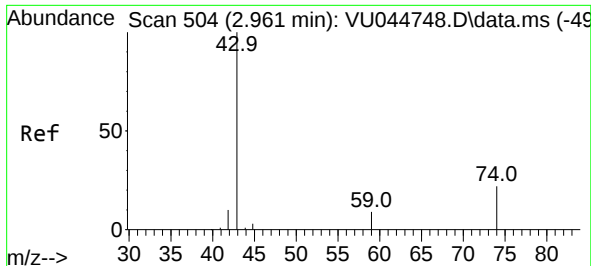
Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 29.4 0.0 42.4



#14
Carbon disulfide
Concen: 0.190 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 76 Resp: 5097
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

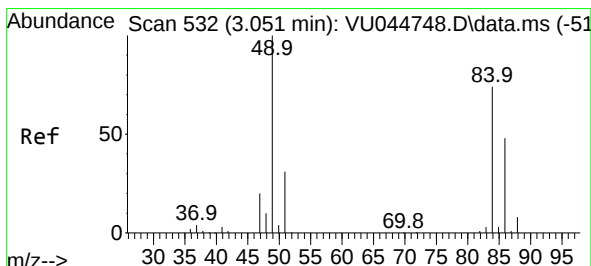
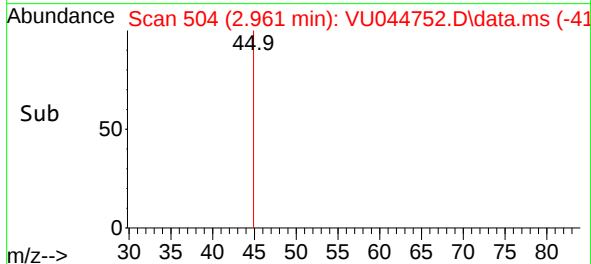
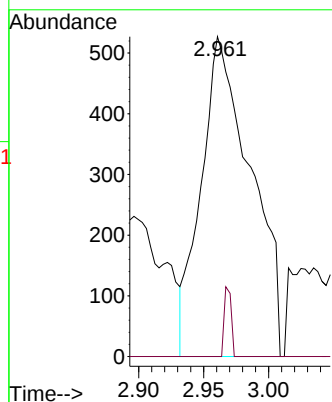
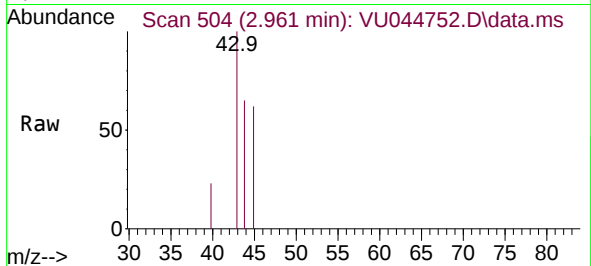




#15
Methyl Acetate
Concen: 0.366 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

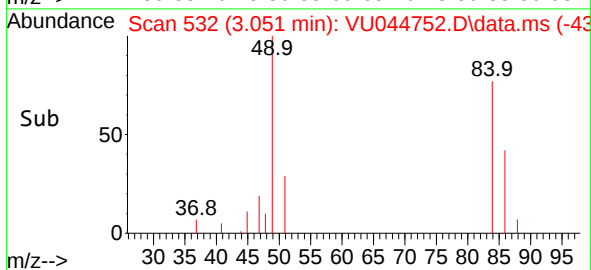
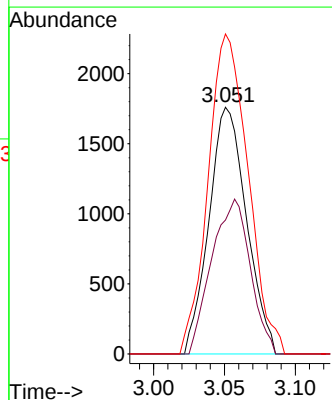
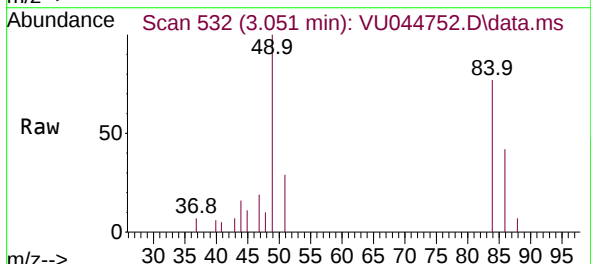
Instrument :
MSVOA_U
ClientSampleId :

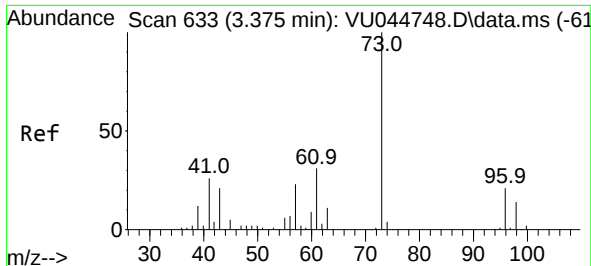
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
74 3.0 20.6 30.8#



#16
Methylene chloride
Concen: 0.241 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 84 Resp: 3250
Ion Ratio Lower Upper
84 100
86 54.3 45.8 85.2
49 129.7 92.9 172.5



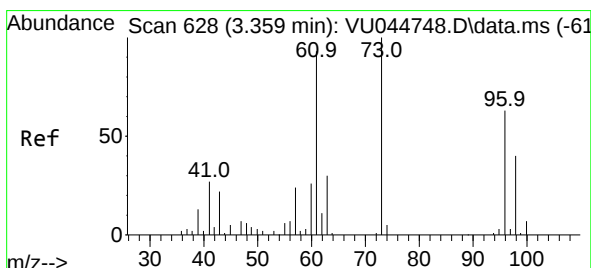
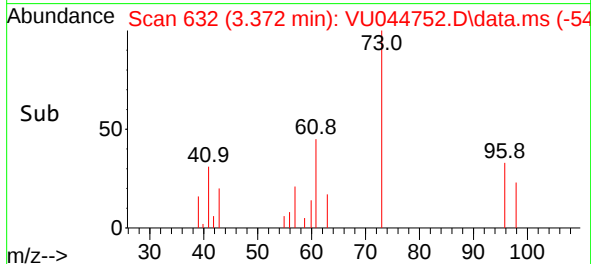
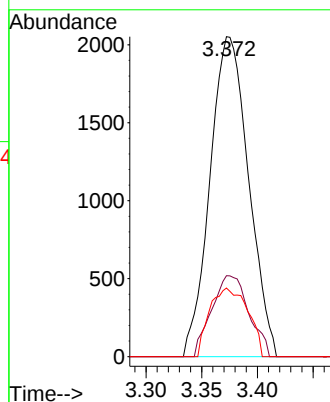
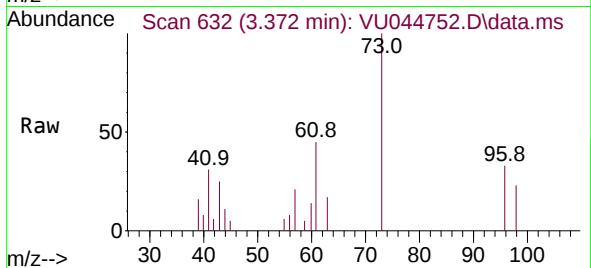


#17

Methyl tert-butyl Ether
Concen: 0.211 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Instrument :
MSVOA_U
ClientSampleId :

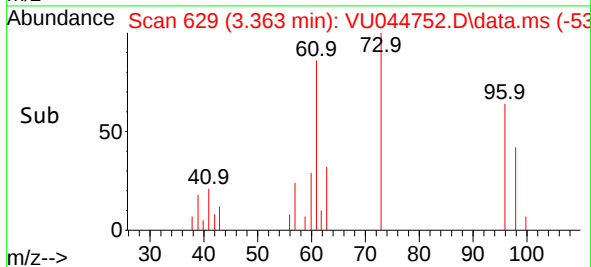
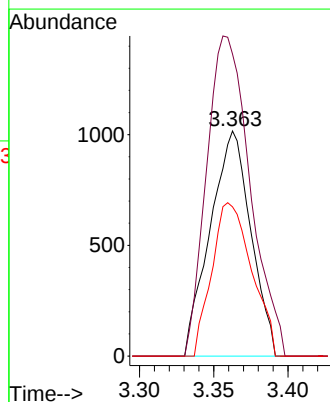
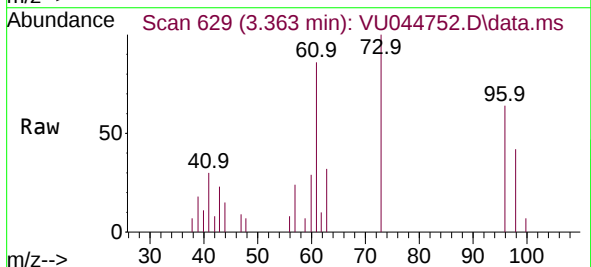
Tgt Ion: 73	Resp: 4940
Ion Ratio	Lower Upper
73 100	
43 24.4	17.8 26.6
57 21.2	18.6 27.8

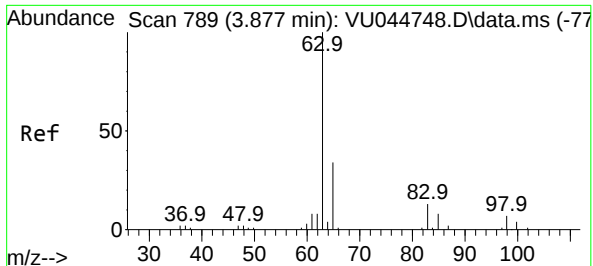


#18

trans-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 96	Resp: 1933
Ion Ratio	Lower Upper
96 100	
61 134.1	107.2 199.0
98 66.3	42.8 79.6





#19

1,1-Dichloroethane

Concen: 0.241 ug/L

RT: 3.874 min Scan# 788

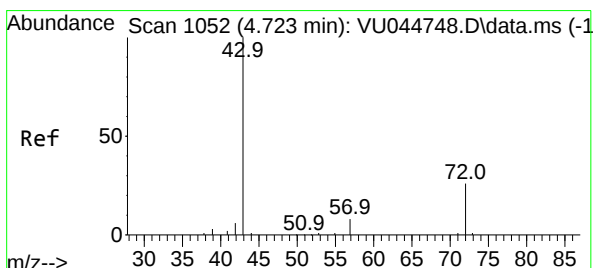
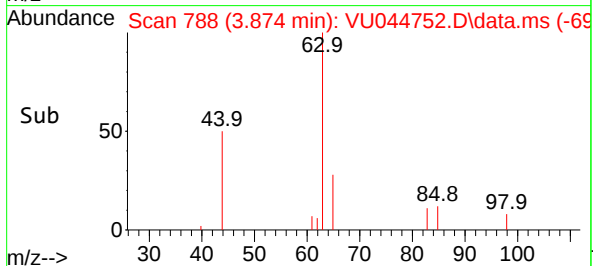
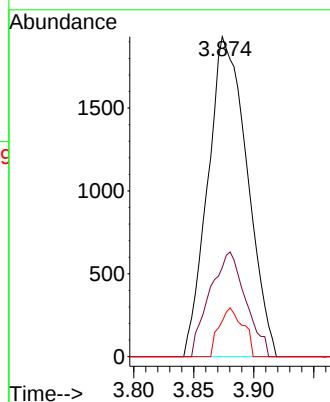
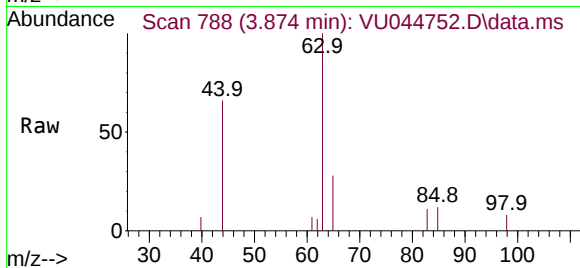
Delta R.T. -0.003 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion:	63	Resp:	4386
Ion	Ratio	Lower	Upper
63	100		
65	27.9	21.8	40.6
83	11.1	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 1.658 ug/L

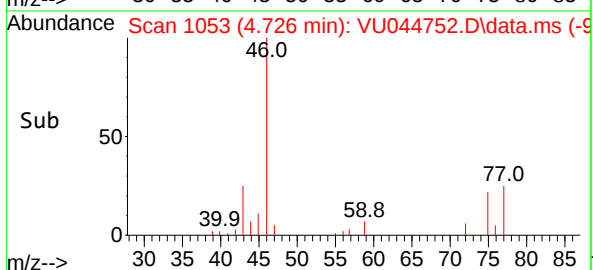
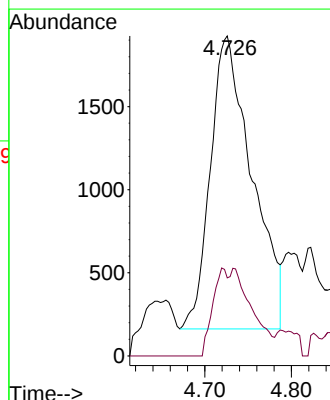
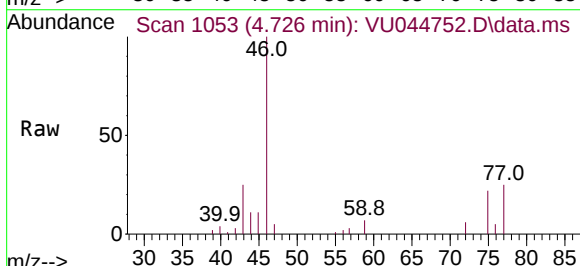
RT: 4.726 min Scan# 1053

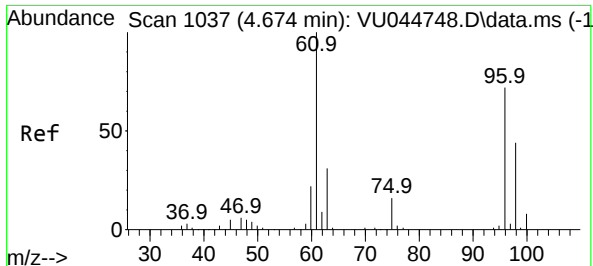
Delta R.T. 0.003 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion:	43	Resp:	5888
Ion	Ratio	Lower	Upper
43	100		
72	10.6	9.2	27.4





#22

cis-1,2-Dichloroethene

Concen: 0.237 ug/L

RT: 4.678 min Scan# 1038

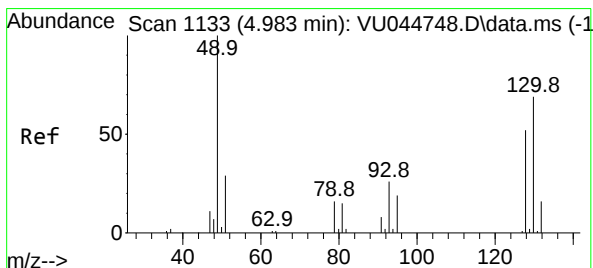
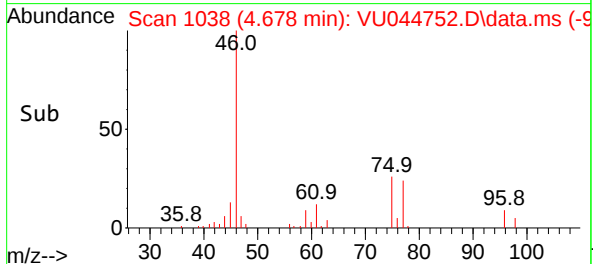
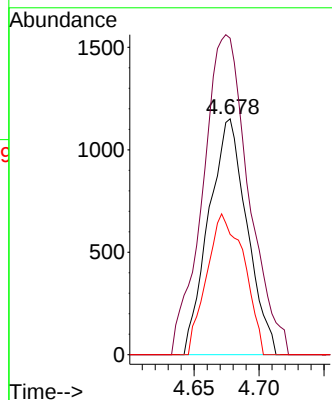
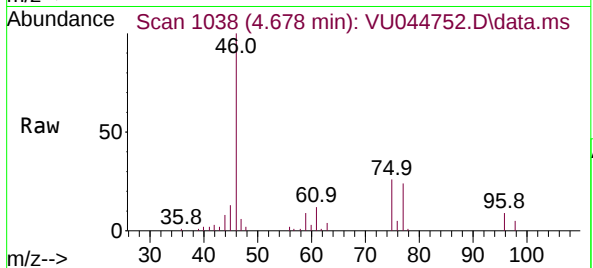
Delta R.T. 0.003 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion:	96	Resp:	2359
Ion	Ratio	Lower	Upper
96	100		
61	134.2	96.9	179.9
98	51.0	43.5	80.7

Instrument :
MSVOA_U
ClientSampled :



#23

Bromochloromethane

Concen: 0.248 ug/L

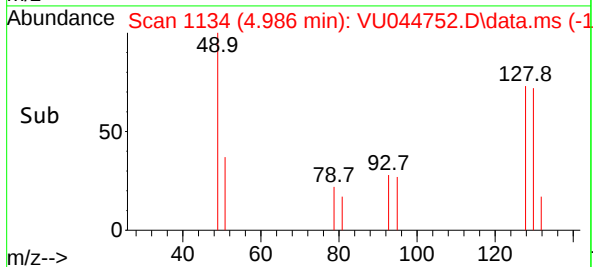
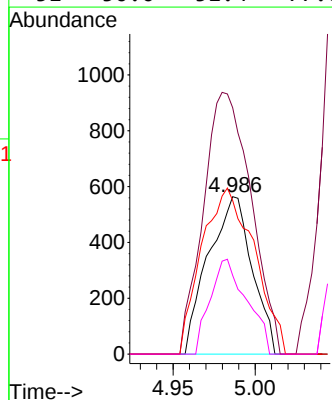
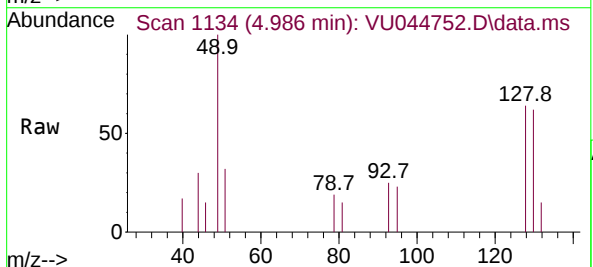
RT: 4.986 min Scan# 1134

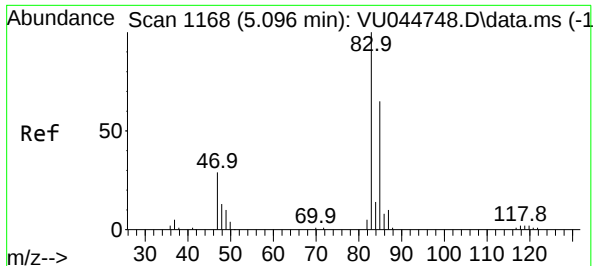
Delta R.T. 0.003 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion:	128	Resp:	1046
Ion	Ratio	Lower	Upper
128	100		
49	156.6	141.4	262.6
130	97.5	94.3	175.1
51	50.0	51.4	77.0#



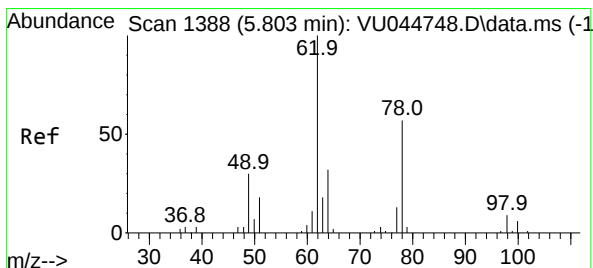
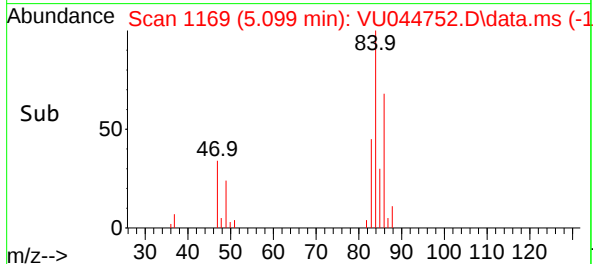
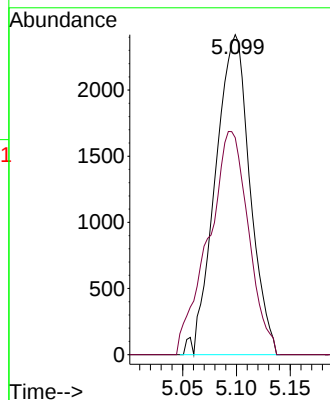
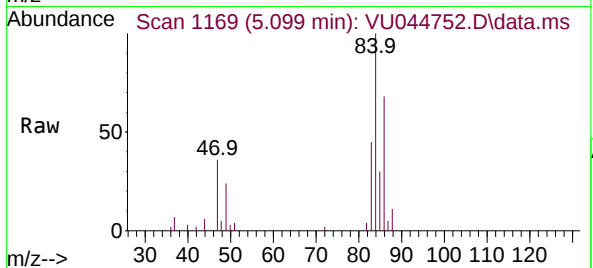


#25

Chloroform
Concen: 0.279 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Instrument :
MSVOA_U
ClientSampled :

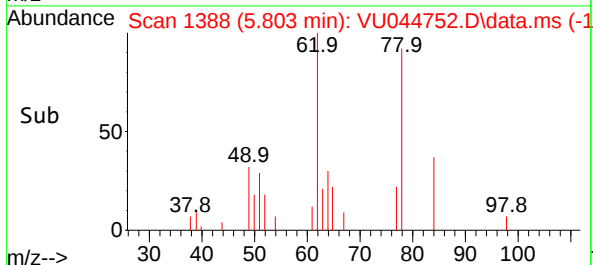
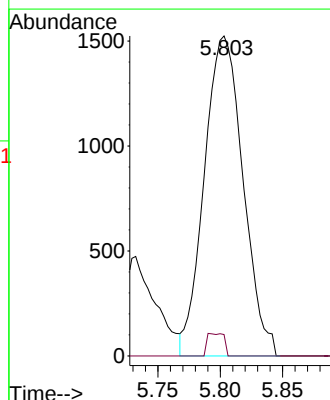
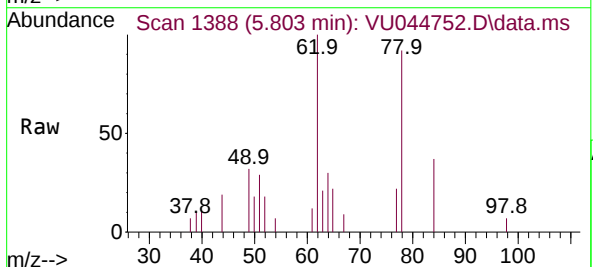
Tgt Ion: 83 Resp: 5410
Ion Ratio Lower Upper
83 100
85 67.8 44.2 82.0

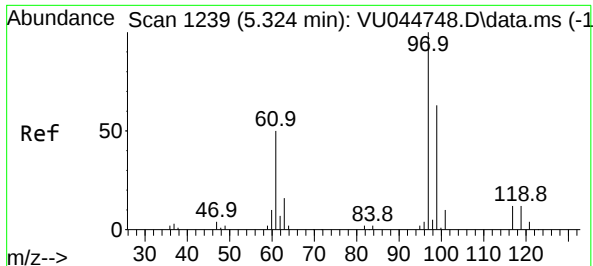


#27

1,2-Dichloroethane
Concen: 0.259 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 62 Resp: 3296
Ion Ratio Lower Upper
62 100
98 6.7 6.6 10.0



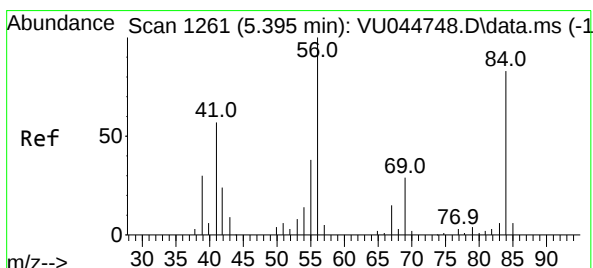
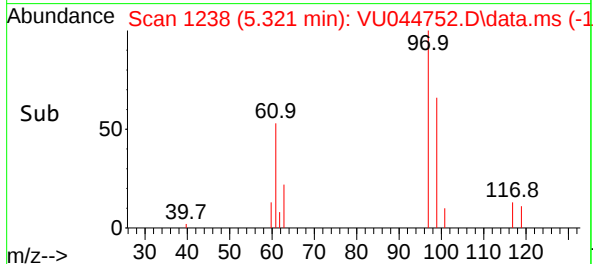
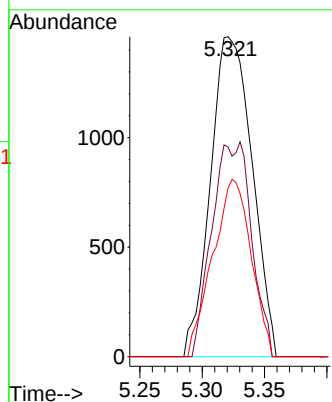
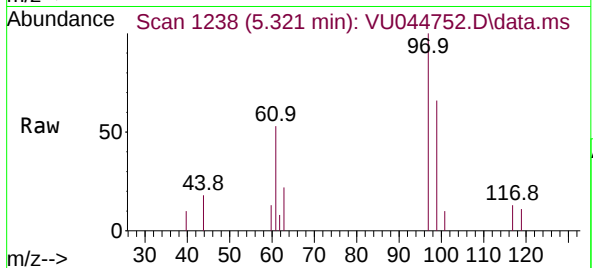


#29

1,1,1-Trichloroethane
Concen: 0.233 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Instrument :
MSVOA_U
ClientSampleId :

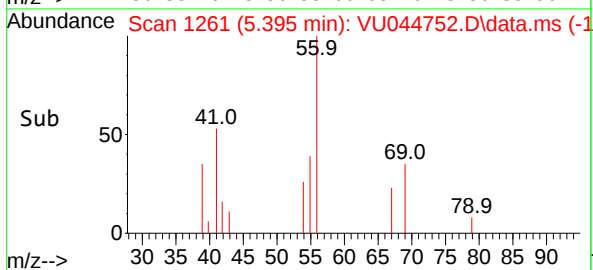
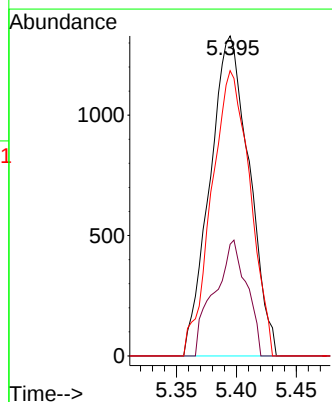
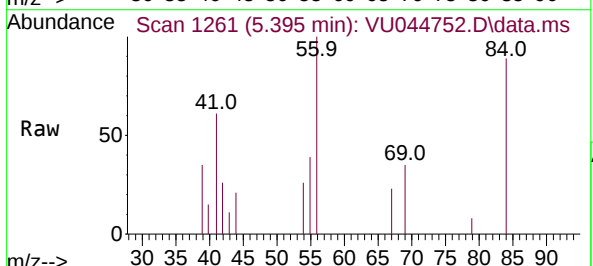
Tgt Ion: 97 Resp: 3398
Ion Ratio Lower Upper
97 100
99 35.0 50.7 76.1#
61 51.0 40.6 60.8

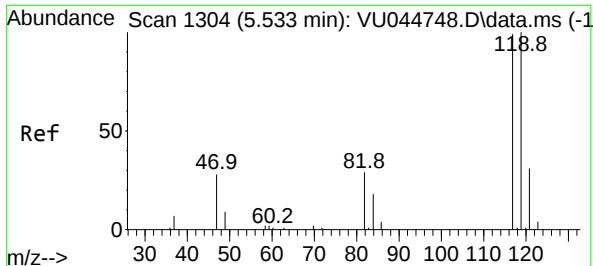


#30

Cyclohexane
Concen: 0.182 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 56 Resp: 3029
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 87.0 65.5 98.3

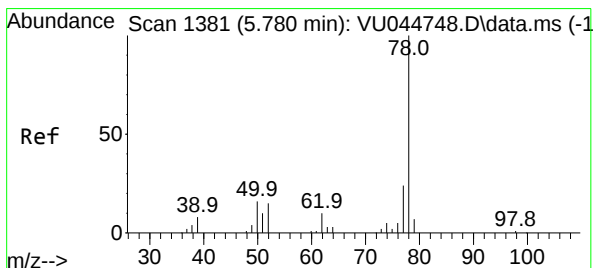
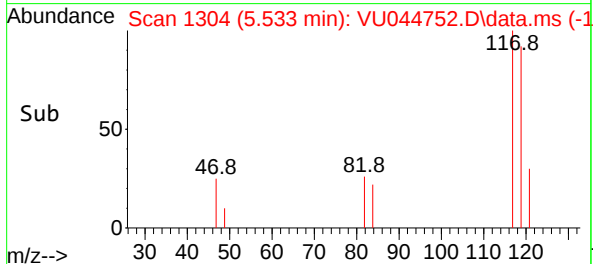
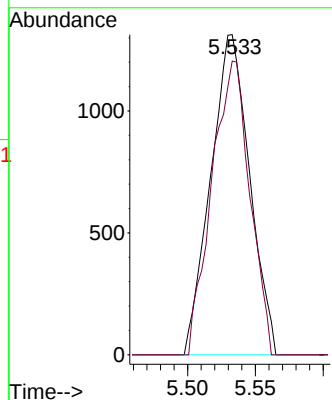
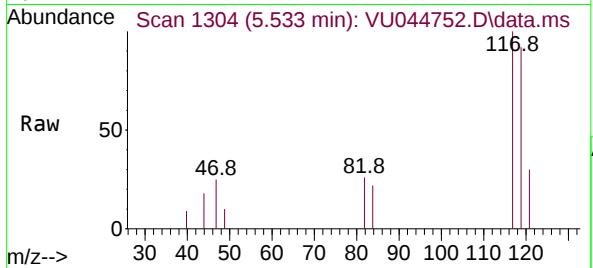




#31
Carbon tetrachloride
Concen: 0.230 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

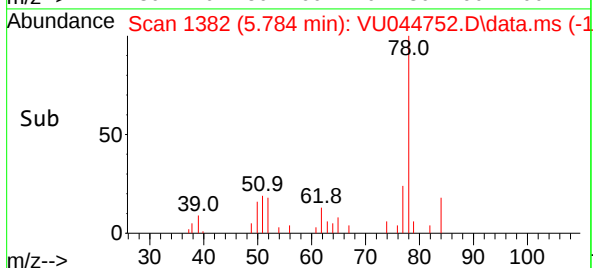
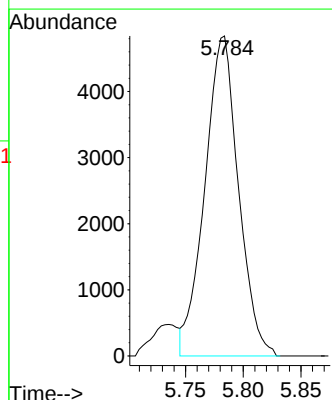
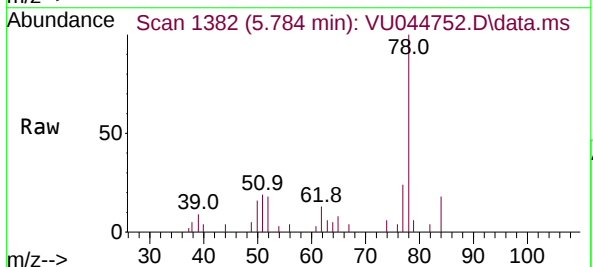
Instrument :
MSVOA_U
ClientSampled :

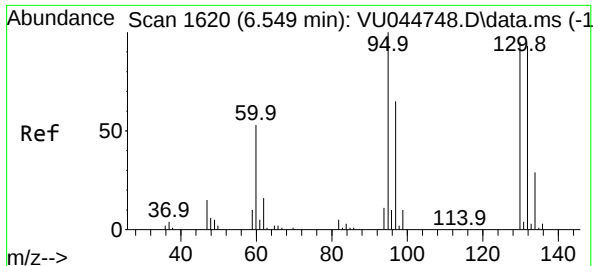
Tgt Ion:117 Resp: 2624
Ion Ratio Lower Upper
117 100
119 89.4 76.4 114.6



#33
Benzene
Concen: 0.247 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 78 Resp: 9806





#34

Trichloroethene

Concen: 0.231 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion: 95 Resp: 2265

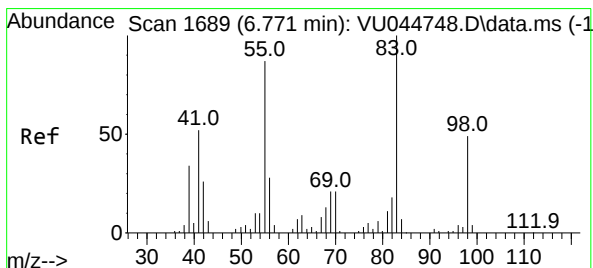
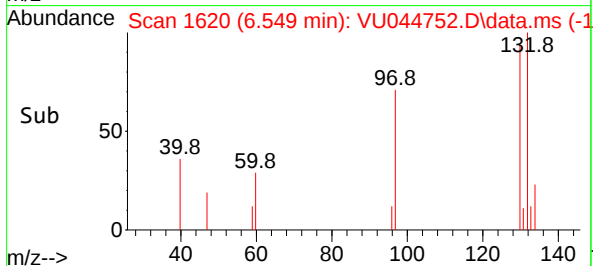
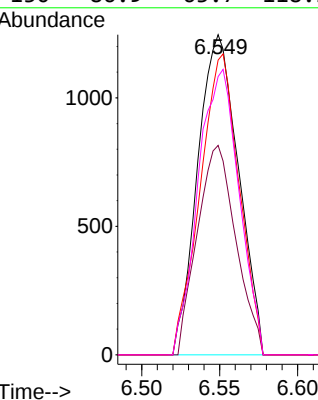
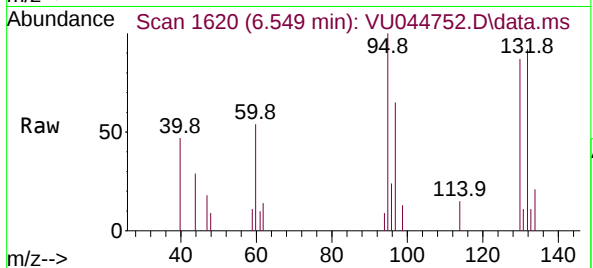
Ion Ratio Lower Upper

95 100

97 65.4 44.7 82.9

132 92.1 60.3 111.9

130 86.9 63.7 118.3



#35

Methylcyclohexane

Concen: 0.193 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

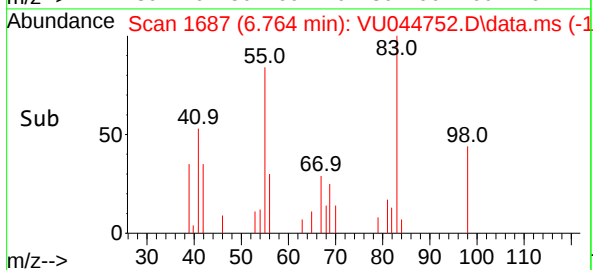
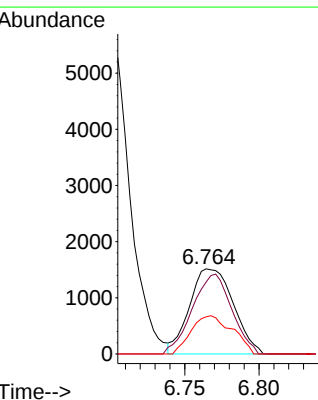
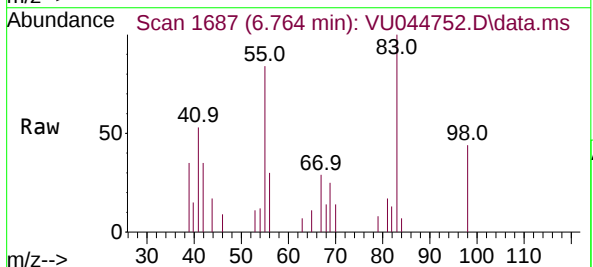
Tgt Ion: 83 Resp: 3106

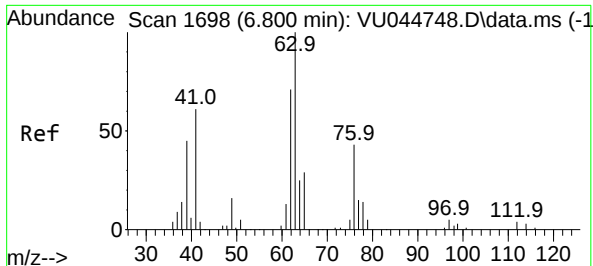
Ion Ratio Lower Upper

83 100

55 84.4 68.3 102.5

98 42.2 37.3 55.9





#37

1,2-Dichloropropane

Concen: 0.246 ug/L

RT: 6.793 min Scan# 1696

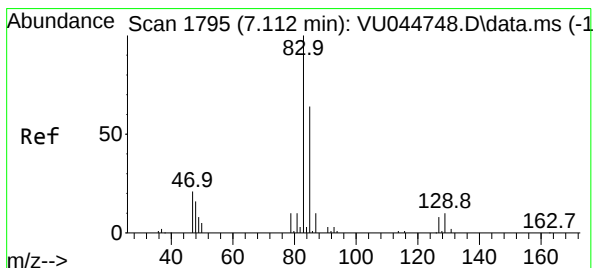
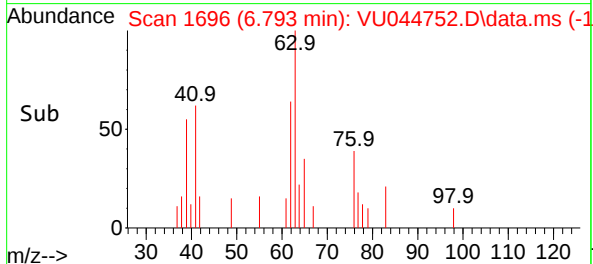
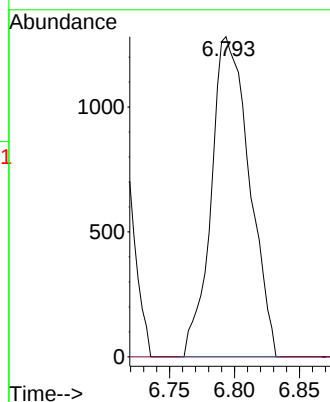
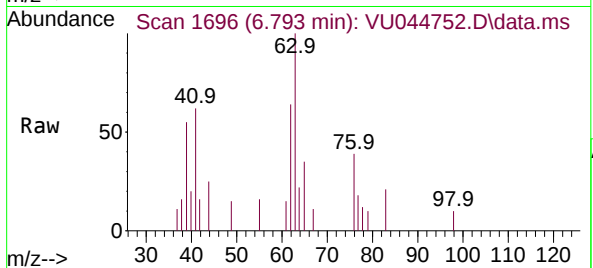
Delta R.T. -0.006 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 63 Resp: 2618
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#38

Bromodichloromethane

Concen: 0.239 ug/L

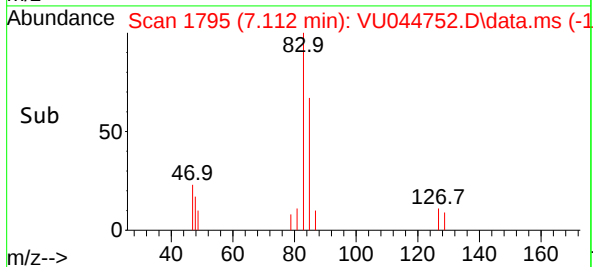
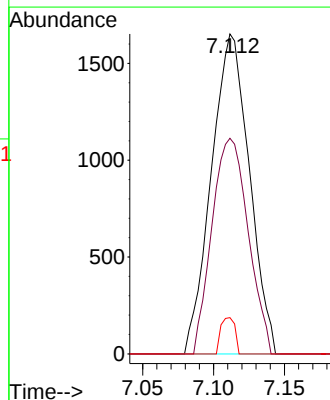
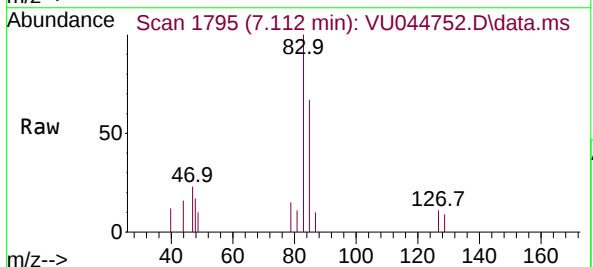
RT: 7.112 min Scan# 1795

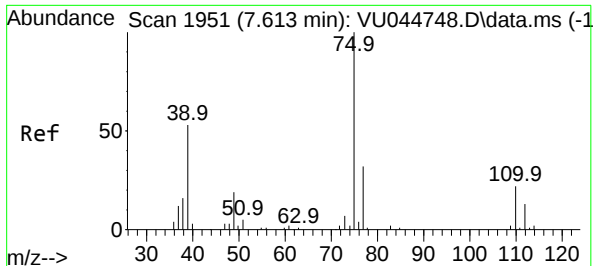
Delta R.T. 0.000 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion: 83 Resp: 3084
Ion Ratio Lower Upper
83 100
85 67.4 46.3 86.1
127 11.3 6.0 9.0#

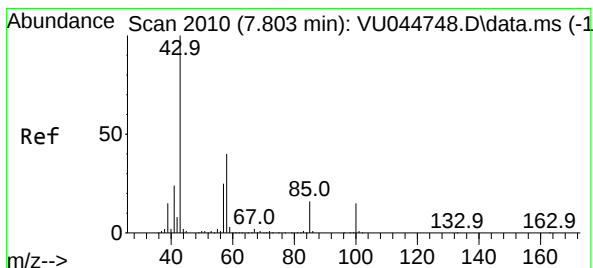
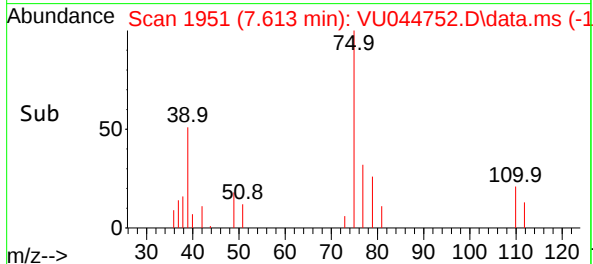
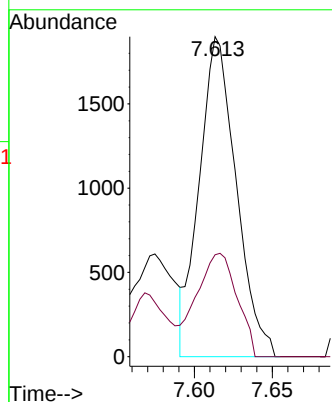
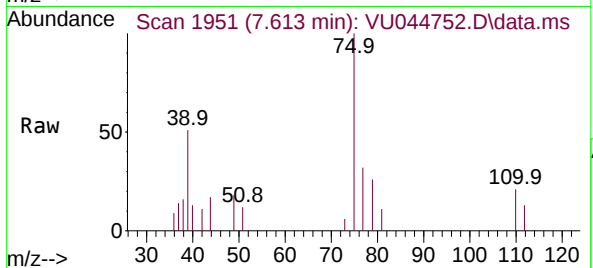




#39
 cis-1,3-Dichloropropene
 Concen: 0.208 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU044752.D
 Acq: 22 Sep 2021 12:20

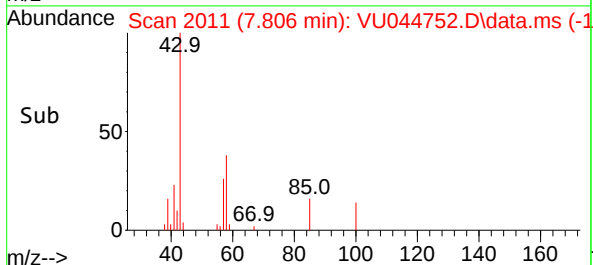
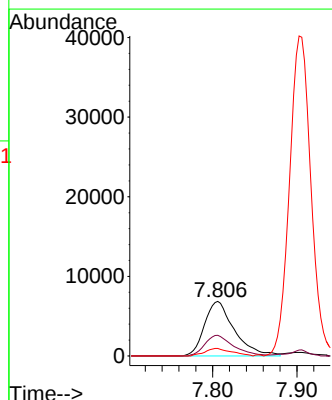
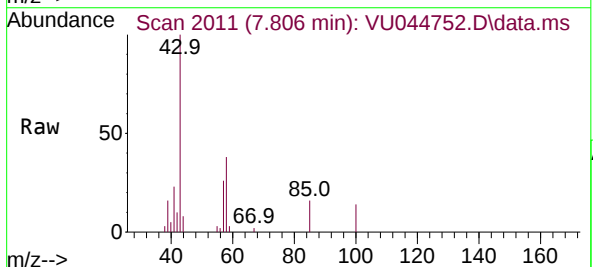
Instrument :
 MSVOA_U
 ClientSampleId :

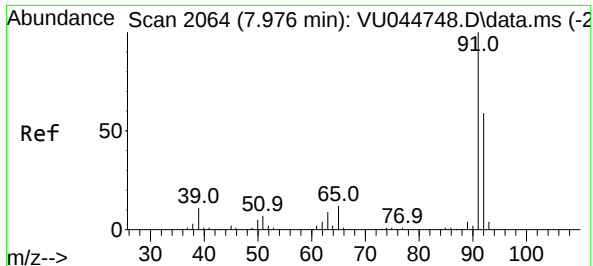
Tgt Ion: 75 Resp: 3128
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 2.044 ug/L
 RT: 7.806 min Scan# 2011
 Delta R.T. 0.003 min
 Lab File: VU044752.D
 Acq: 22 Sep 2021 12:20

Tgt Ion: 43 Resp: 16909
 Ion Ratio Lower Upper
 43 100
 58 36.2 31.2 46.8
 100 0.0 11.4 17.0#

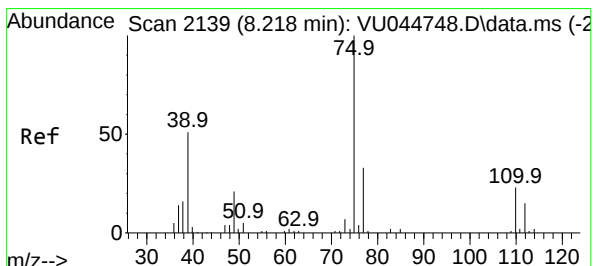
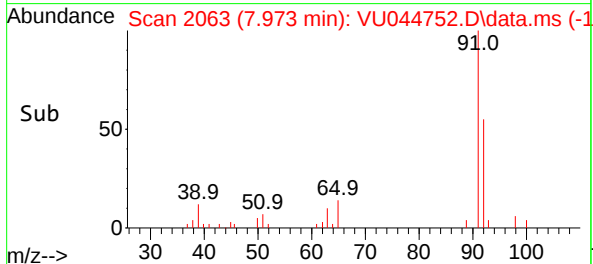
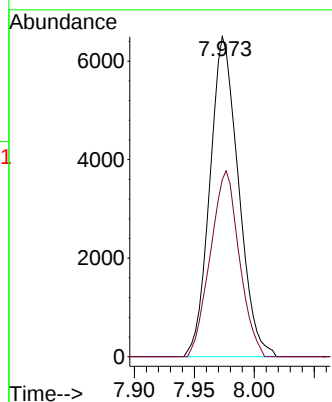
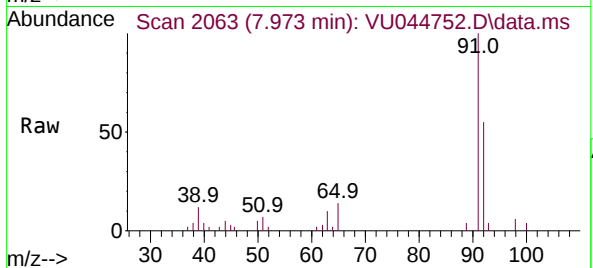




#42
Toluene
Concen: 0.260 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

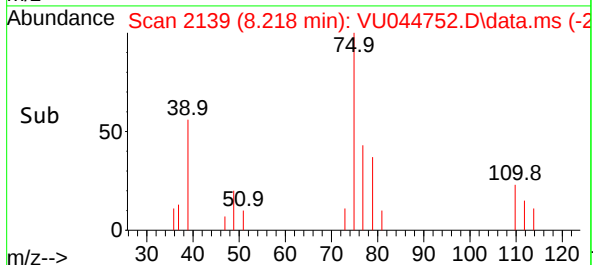
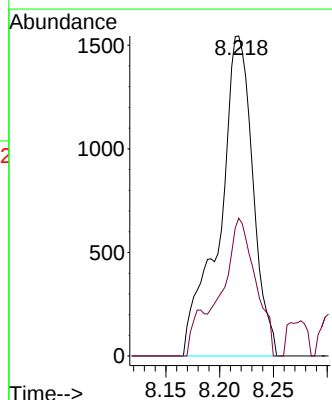
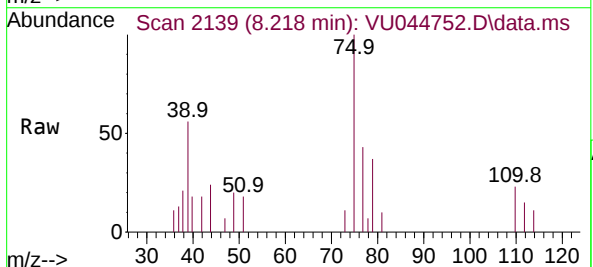
Instrument :
MSVOA_U
ClientSampled :

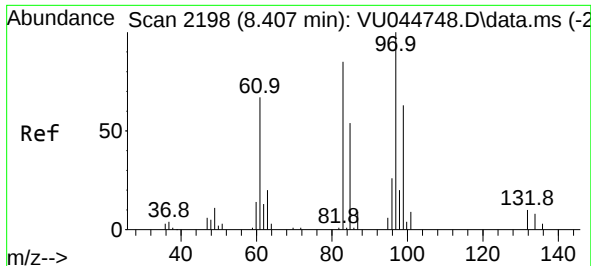
Tgt Ion: 91 Resp: 10762
Ion Ratio Lower Upper
91 100
92 55.4 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 0.261 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 75 Resp: 3347
Ion Ratio Lower Upper
75 100
77 43.0 22.0 41.0#





#45

1,1,2-Trichloroethane

Concen: 0.239 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion: 97 Resp: 1804

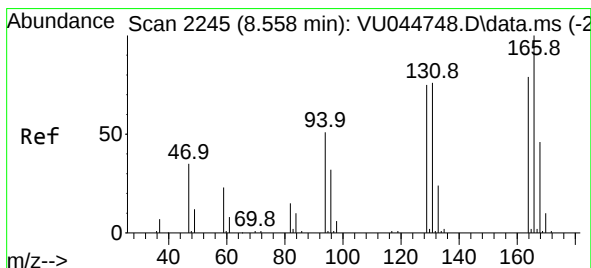
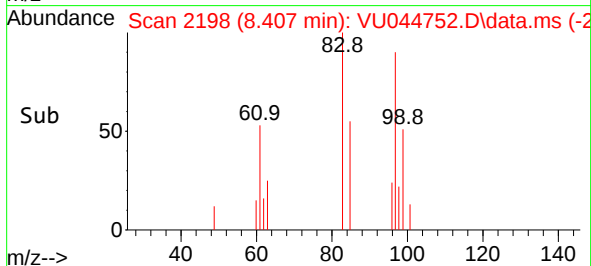
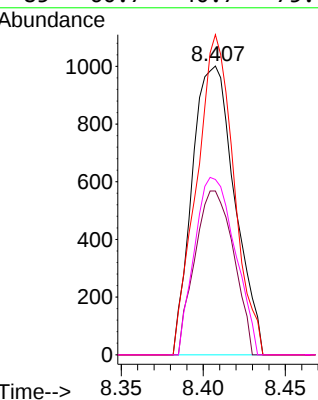
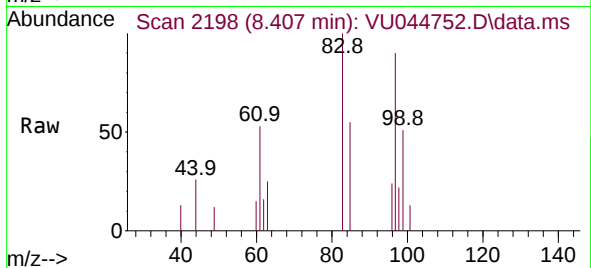
Ion Ratio Lower Upper

97 100

99 56.7 44.8 83.2

83 110.9 63.6 118.0

85 60.7 40.7 75.7



#47

Tetrachloroethene

Concen: 0.227 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion: 164 Resp: 1545

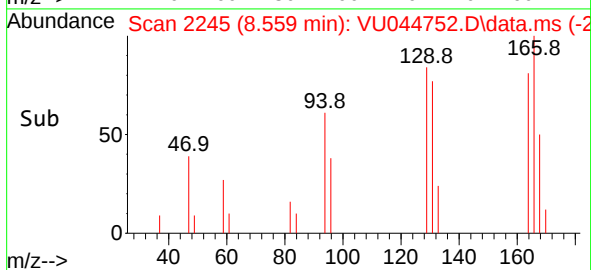
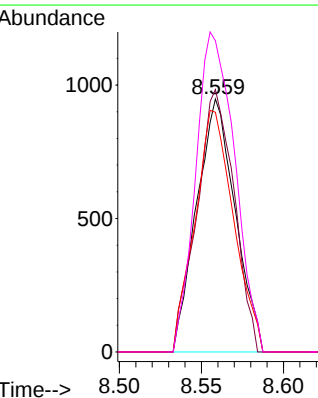
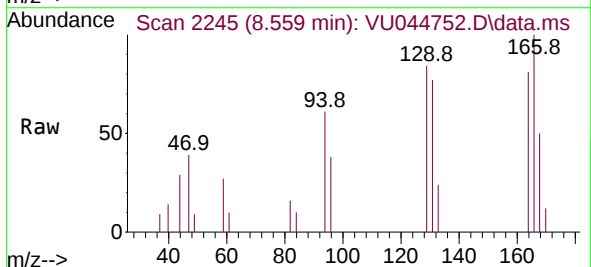
Ion Ratio Lower Upper

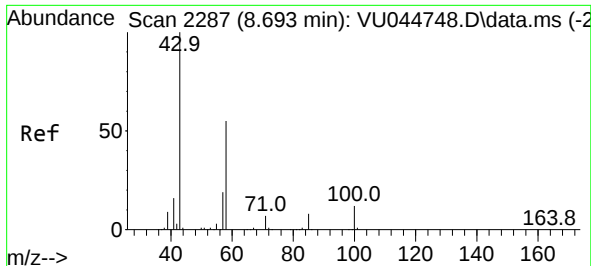
164 100

129 103.7 67.0 124.4

131 94.7 65.2 121.0

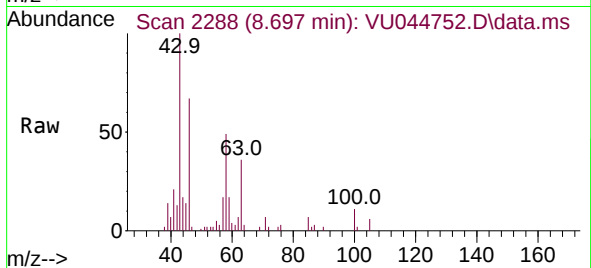
166 123.0 87.6 162.8



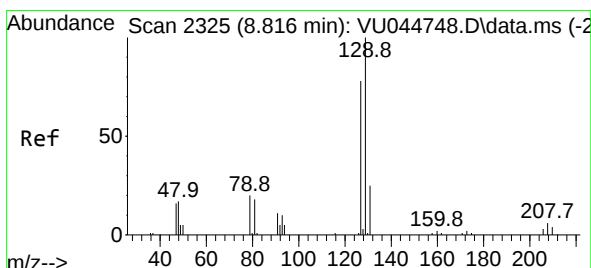
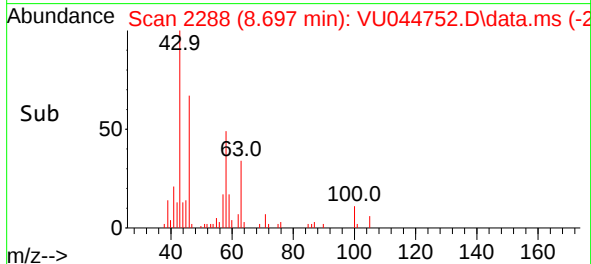
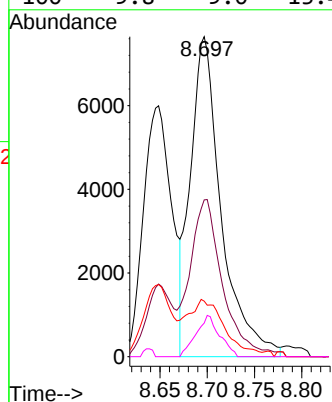


#48
2-Hexanone
Concen: 2.820 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Instrument :
MSVOA_U
ClientSampled :

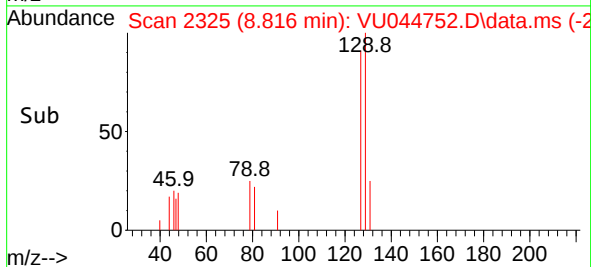
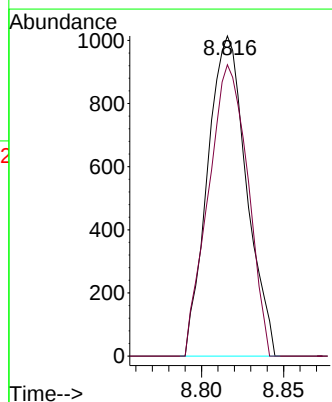
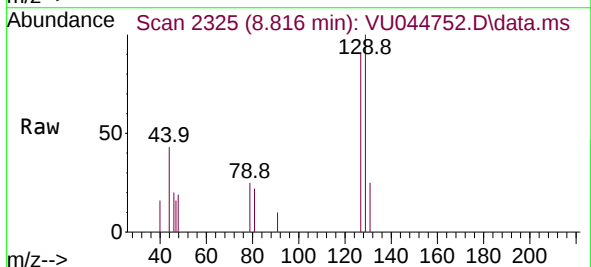


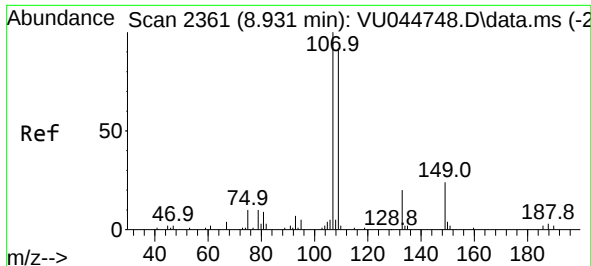
Tgt Ion: 43 Resp: 17361
Ion Ratio Lower Upper
43 100
58 52.1 44.6 66.8
57 21.4 14.8 22.2
100 9.8 9.0 13.4



#49
Dibromochloromethane
Concen: 0.211 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 129 Resp: 1672
Ion Ratio Lower Upper
129 100
127 91.0 53.3 99.1





#50

1,2-Dibromoethane

Concen: 0.225 ug/L

RT: 8.928 min Scan# 2360

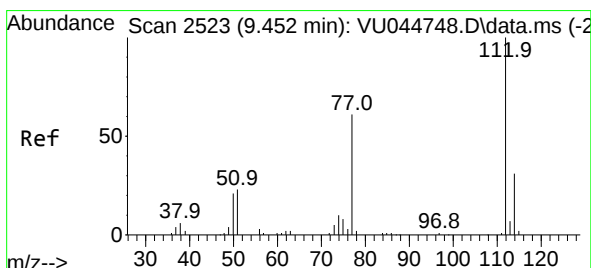
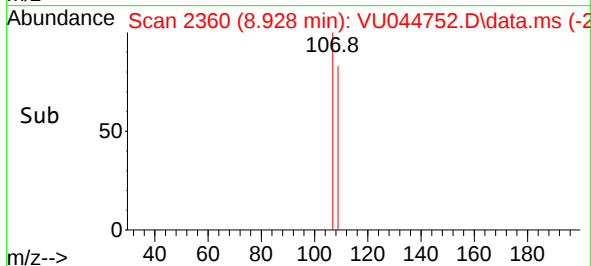
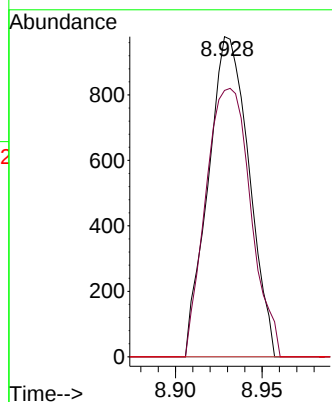
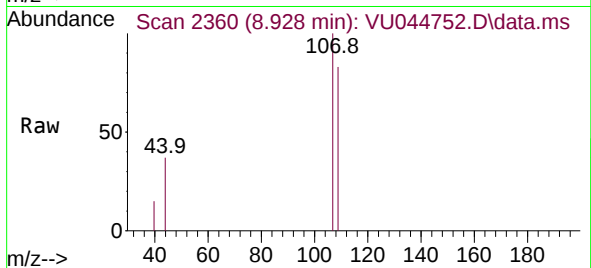
Delta R.T. -0.003 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	1599
Ion	Ratio	Lower	Upper
107	100		
109	83.2	65.5	121.7
188	0.0	3.0	4.4#



#51

Chlorobenzene

Concen: 0.236 ug/L

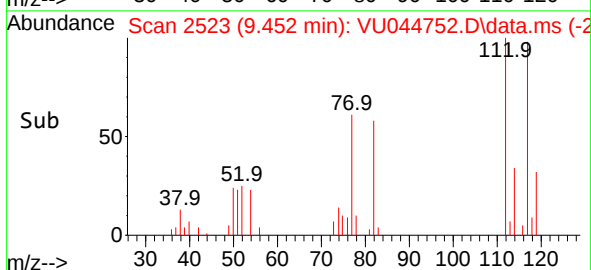
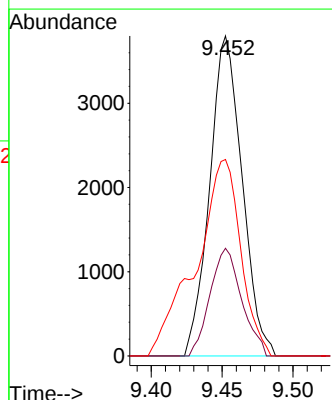
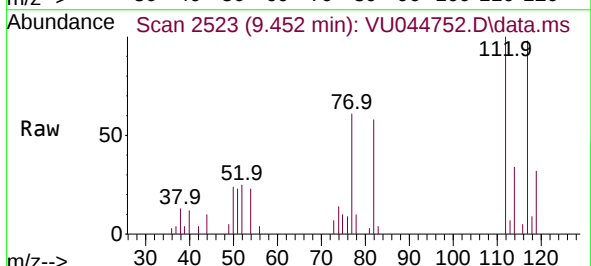
RT: 9.452 min Scan# 2523

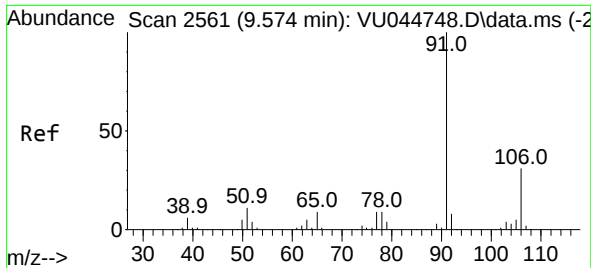
Delta R.T. 0.000 min

Lab File: VU044752.D

Acq: 22 Sep 2021 12:20

Tgt Ion:	112	Resp:	6049
Ion	Ratio	Lower	Upper
112	100		
114	33.7	22.8	42.4
77	61.4	51.4	77.0

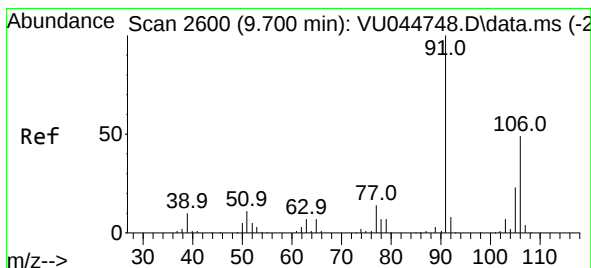
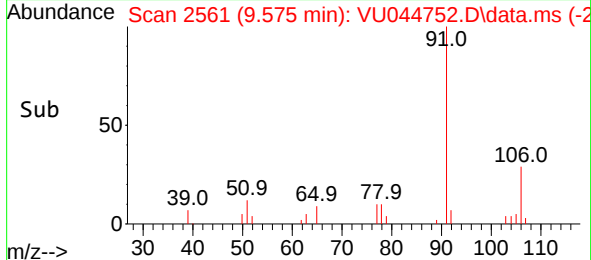
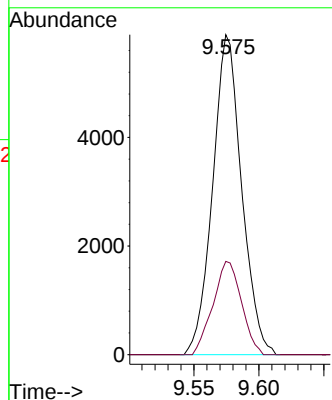
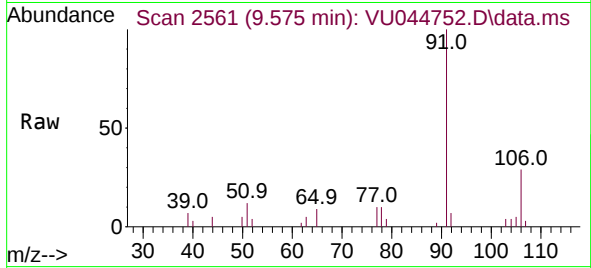




#52
Ethylbenzene
Concen: 0.203 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

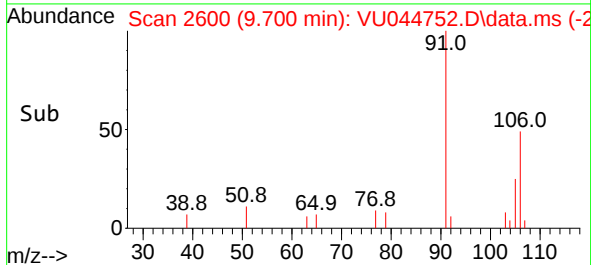
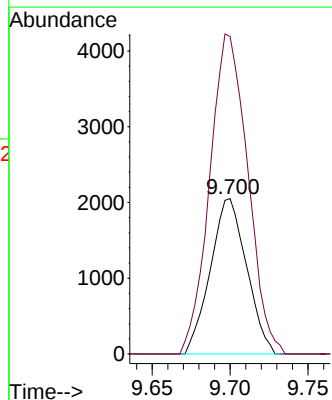
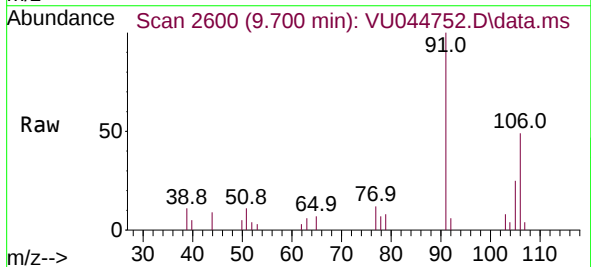
Instrument :
MSVOA_U
ClientSampled :

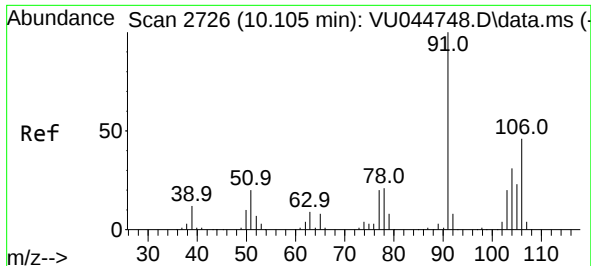
Tgt Ion: 91 Resp: 9115
Ion Ratio Lower Upper
91 100
106 29.2 21.1 39.1



#53
m,p-Xylene
Concen: 0.194 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 106 Resp: 3314
Ion Ratio Lower Upper
106 100
91 204.4 144.6 268.6

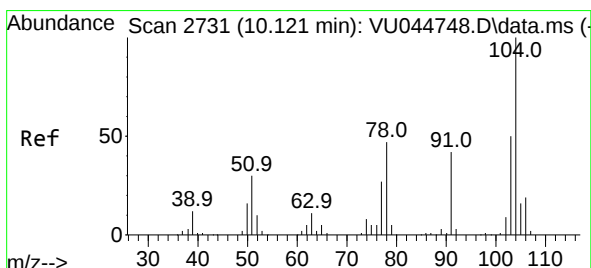
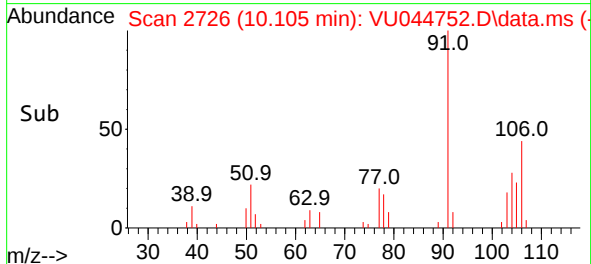
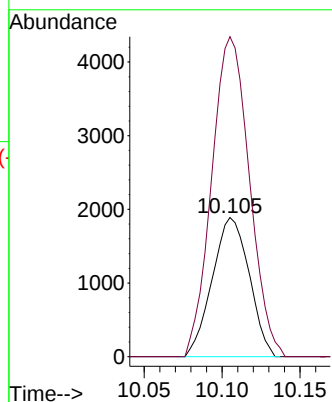
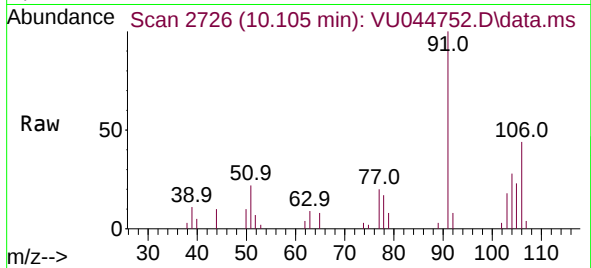




#54
o-Xylene
Concen: 0.191 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

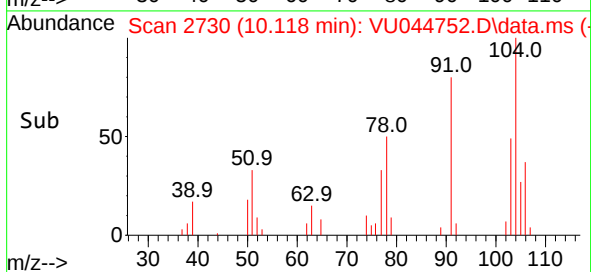
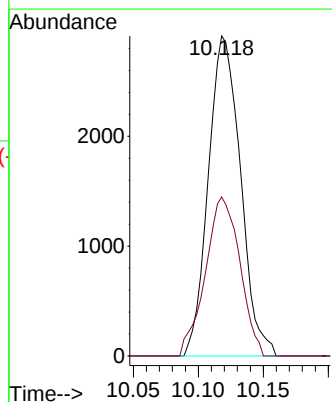
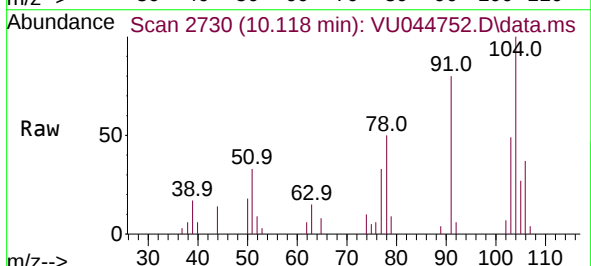
Instrument :
MSVOA_U
ClientSampleId :

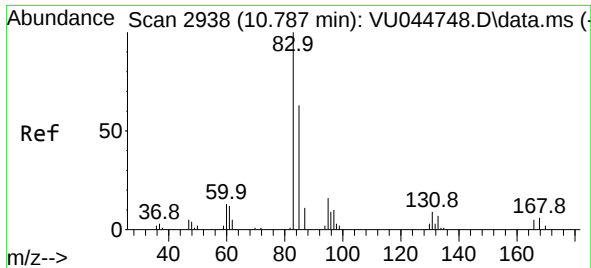
Tgt Ion:106 Resp: 3115
Ion Ratio Lower Upper
106 100
91 229.8 156.2 290.0



#55
Styrene
Concen: 0.176 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:104 Resp: 5017
Ion Ratio Lower Upper
104 100
78 49.7 33.6 62.4

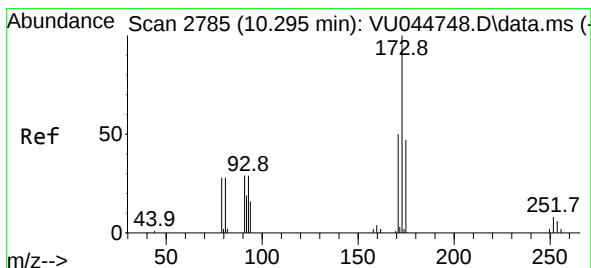
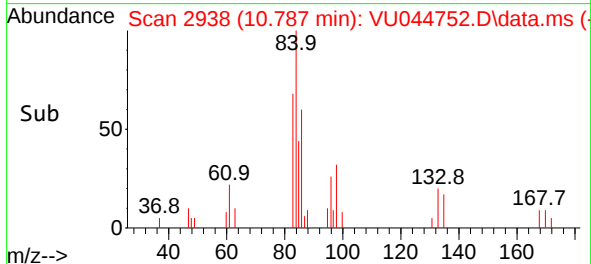
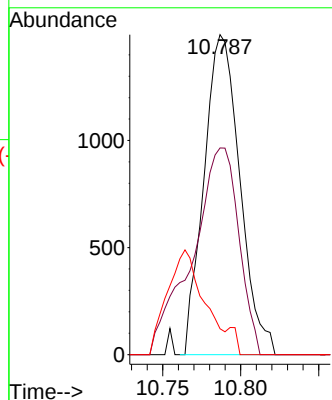
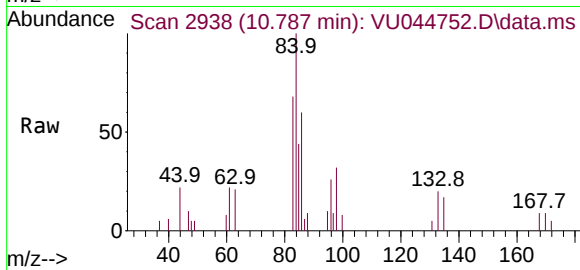




#57
1,1,2,2-Tetrachloroethane
Concen: 0.236 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

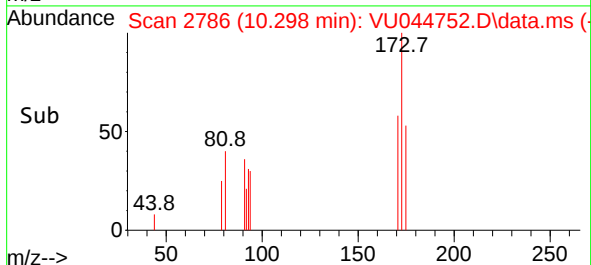
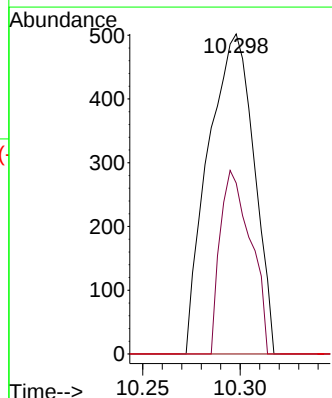
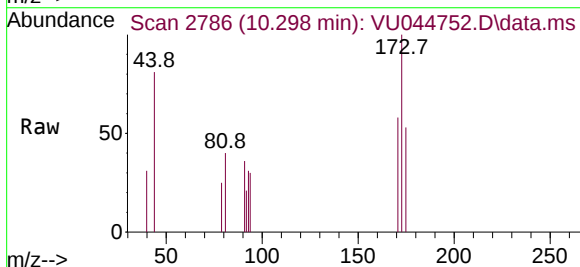
Instrument :
MSVOA_U
ClientSampleId :

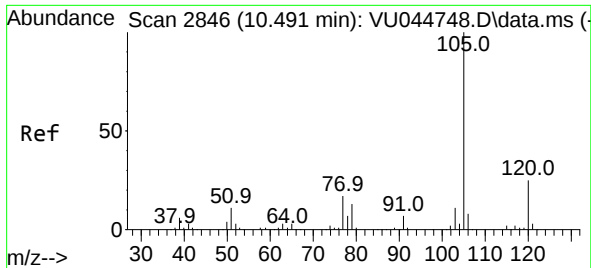
Tgt Ion:	83	Resp:	2390
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.5	82.7
131	8.1	6.6	10.0



#59
Bromoform
Concen: 0.215 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:	173	Resp:	819
Ion	Ratio	Lower	Upper
173	100		
175	38.5	38.8	58.2#
254	0.0	4.9	7.3#

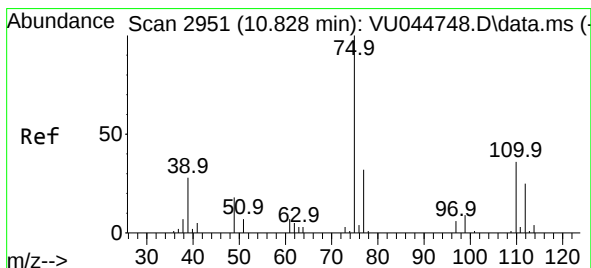
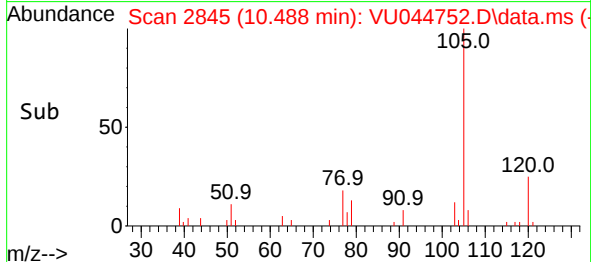
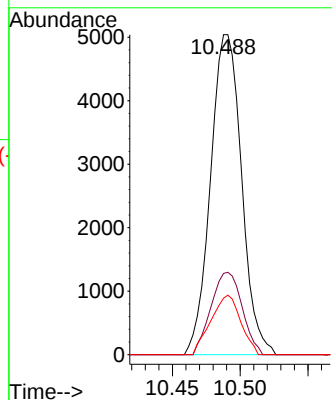
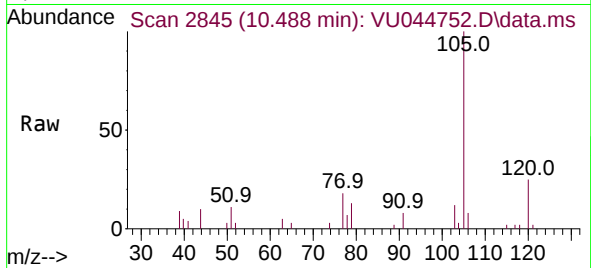




#60
Isopropylbenzene
Concen: 0.210 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

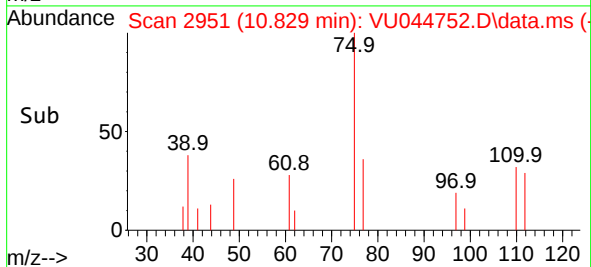
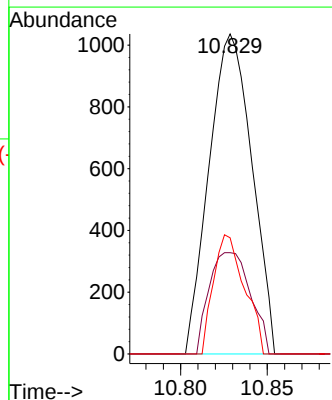
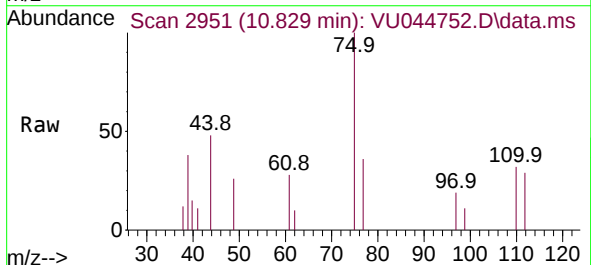
Instrument :
MSVOA_U
ClientSampled :

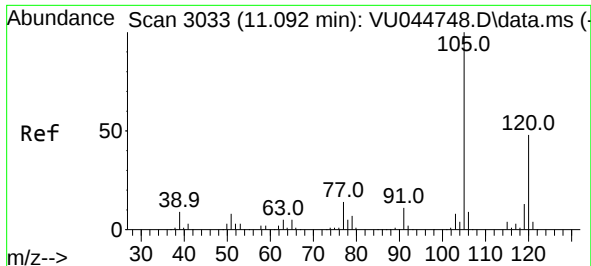
Tgt Ion:105 Resp: 8032
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.2
77 17.8 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 0.263 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion: 75 Resp: 1780
Ion Ratio Lower Upper
75 100
110 30.6 28.8 43.2
77 27.0 25.9 38.9

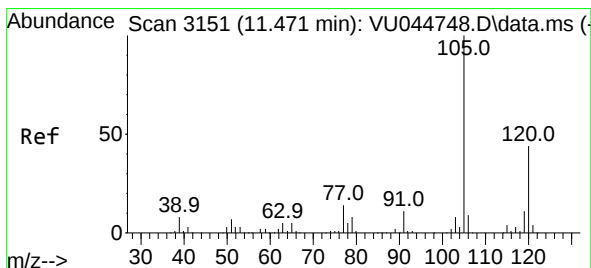
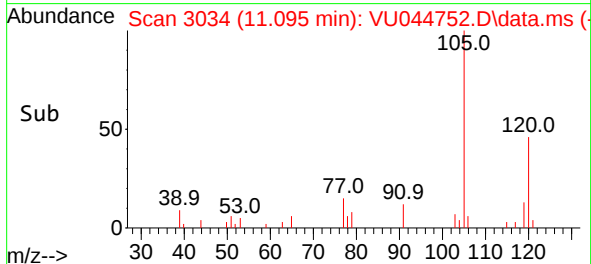
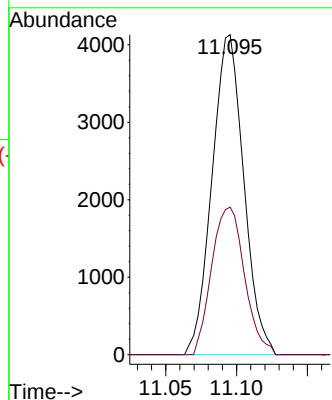
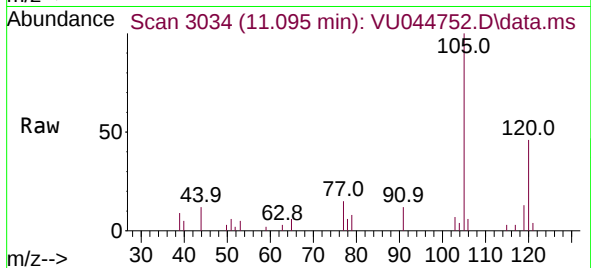




#62
1,3,5-Trimethylbenzene
Concen: 0.202 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

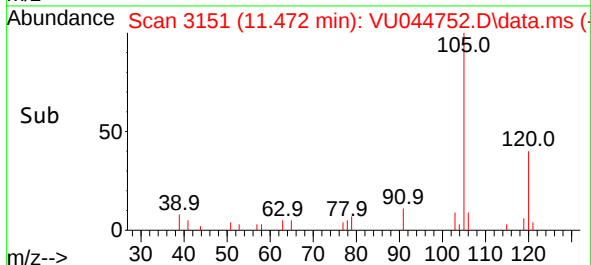
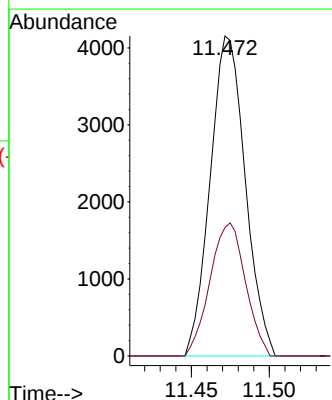
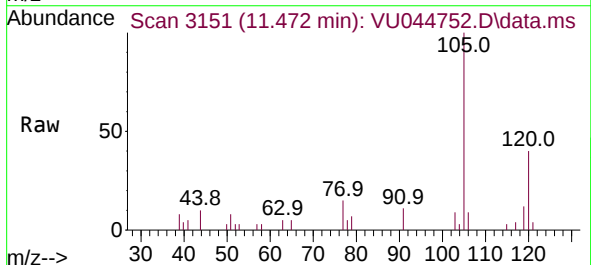
Instrument :
MSVOA_U
ClientSampled :

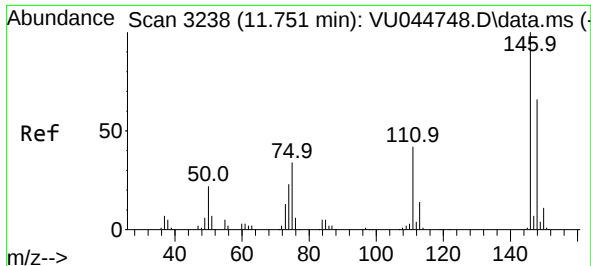
Tgt Ion:105 Resp: 6440
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 0.199 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:105 Resp: 6494
Ion Ratio Lower Upper
105 100
120 41.9 35.4 53.2

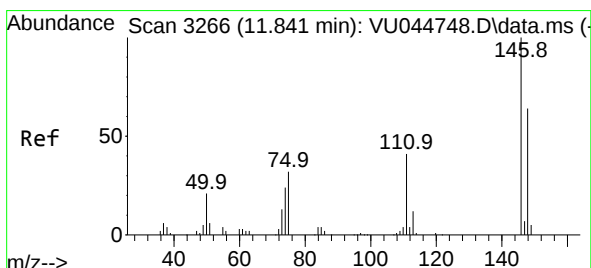
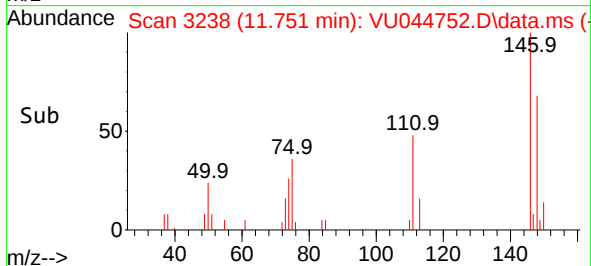
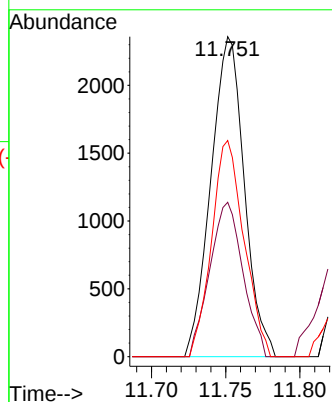
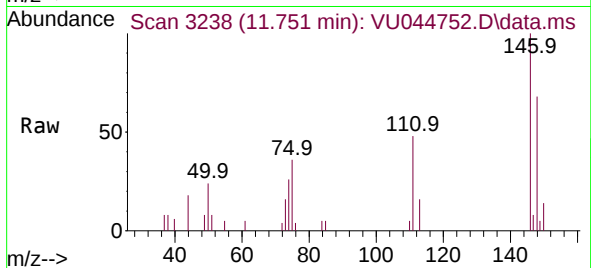




#64
1,3-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

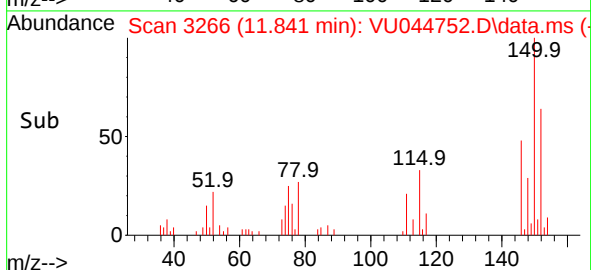
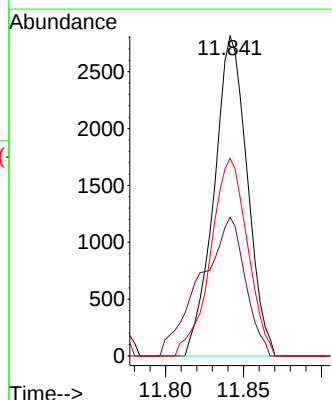
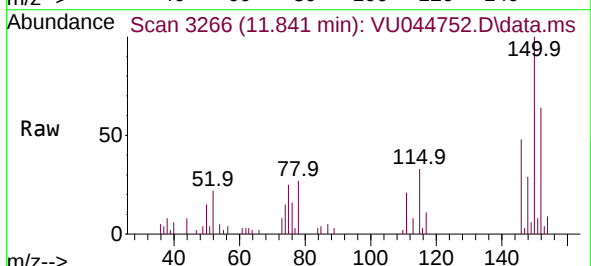
Instrument :
MSVOA_U
ClientSampleId :

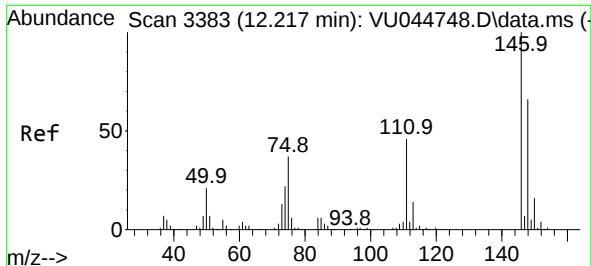
Tgt Ion:146 Resp: 3690
Ion Ratio Lower Upper
146 100
111 48.2 29.8 55.4
148 67.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.226 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:146 Resp: 4169
Ion Ratio Lower Upper
146 100
111 43.4 28.7 53.3
148 61.8 45.4 84.4

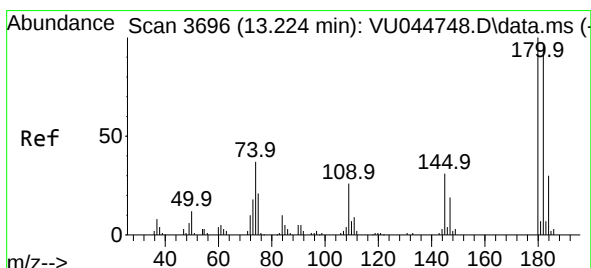
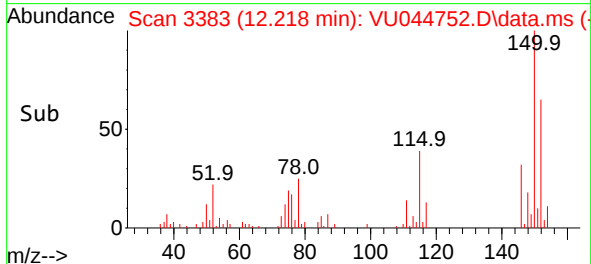
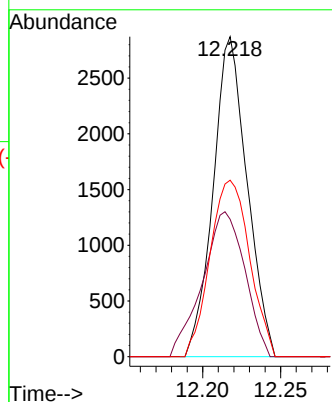
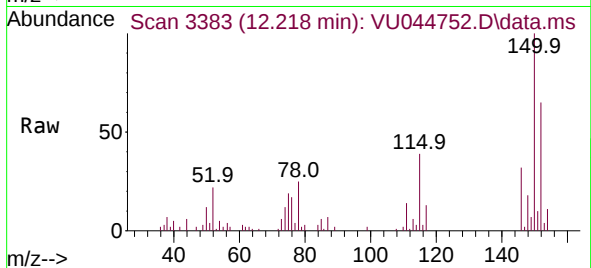




#67
1,2-Dichlorobenzene
Concen: 0.256 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

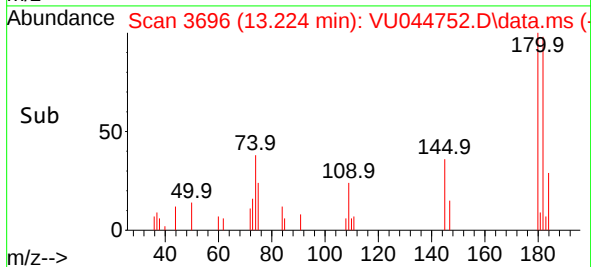
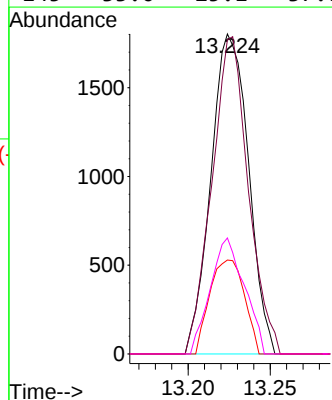
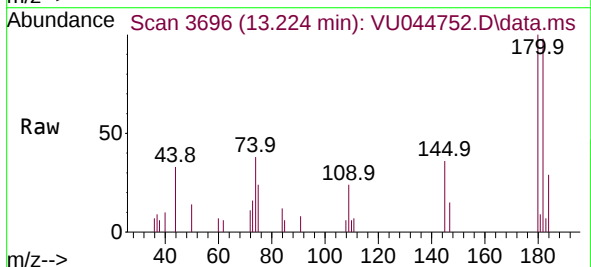
Instrument :
MSVOA_U
ClientSampled :

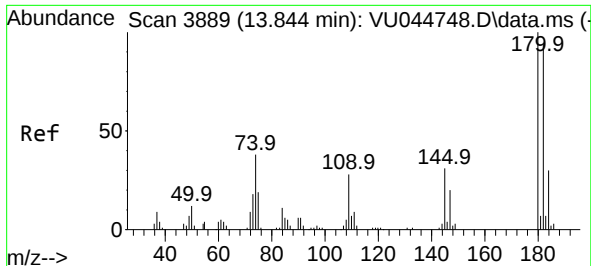
Tgt Ion:146 Resp: 4344
Ion Ratio Lower Upper
146 100
111 42.9 34.6 51.8
148 55.2 51.3 76.9



#69
1,3,5-Trichlorobenzene
Concen: 0.211 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:180 Resp: 2864
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
184 27.1 24.1 36.1
145 33.0 25.1 37.7

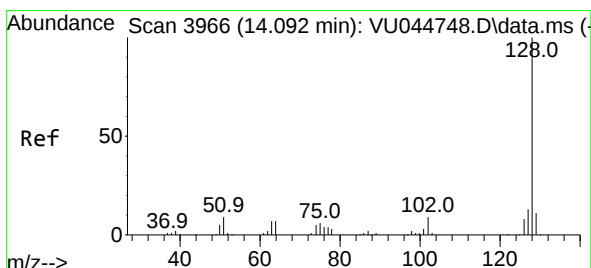
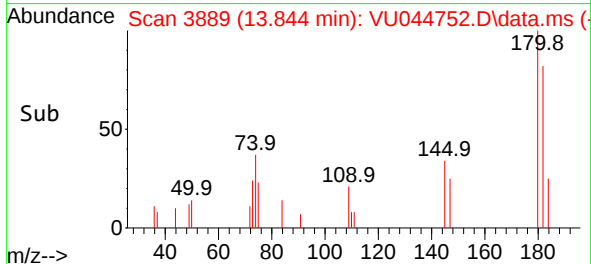
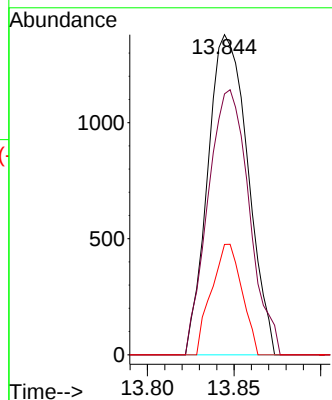
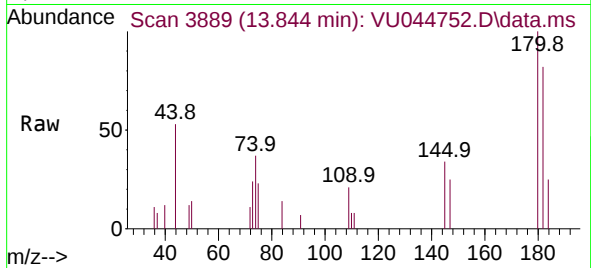




#70
1,2,4-trichlorobenzene
Concen: 0.194 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

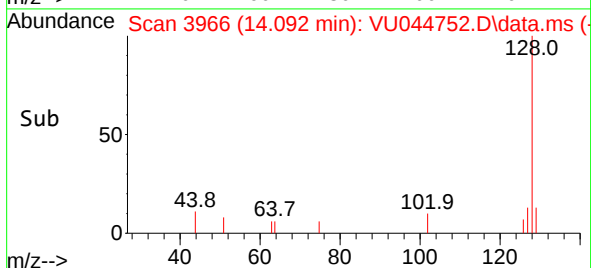
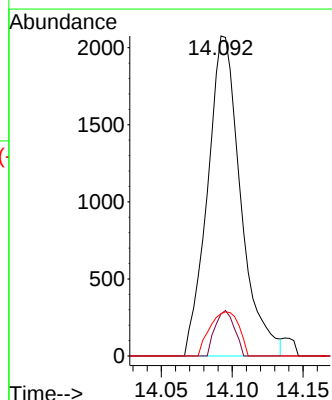
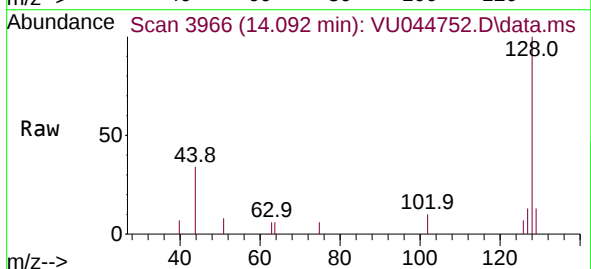
Instrument :
MSVOA_U
ClientSampled :

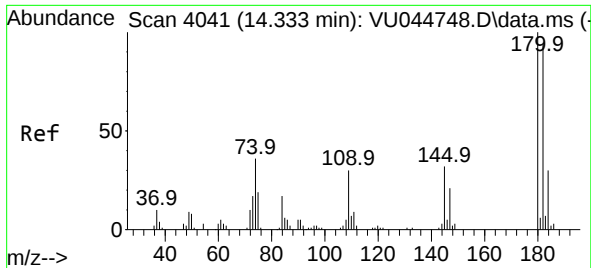
Tgt Ion:180 Resp: 2221
Ion Ratio Lower Upper
180 100
182 85.1 75.4 113.0
145 26.2 25.2 37.8



#71
Naphthalene
Concen: 0.151 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044752.D
Acq: 22 Sep 2021 12:20

Tgt Ion:128 Resp: 3376
Ion Ratio Lower Upper
128 100
129 8.3 8.7 13.1#
127 12.1 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.174 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU044752.D
 Acq: 22 Sep 2021 12:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 1834
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.9 113.9
 145 35.0 27.0 40.6

