

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046658.D
 Acq On : 05 Jan 2022 11:55
 Operator : SY/MD
 Sample : VSTD00537
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005037

Quant Time: Jan 06 02:20:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	109831	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	52547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	5911	6.504	ug/L	0.00
7) Chloroethane-d5	1.919	69	4353	6.271	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	9626	5.945	ug/L	0.00
21) 2-Butanone-d5	4.658	46	3615	5.040	ug/L	0.02
24) Chloroform-d	5.070	84	10692	7.015	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	6631	6.514	ug/L	0.00
32) Benzene-d6	5.732	84	20001	6.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	6494	6.651	ug/L	0.00
41) Toluene-d8	7.903	98	16806	5.840	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2632	5.553	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	4832	9.971	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	9561	6.416	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6434	6.286	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5638	4.880	ug/L	97
3) Chloromethane	1.523	50	5090	4.911	ug/L	96
5) Vinyl chloride	1.610	62	5035	4.783	ug/L	97
6) Bromomethane	1.864	94	3252	5.366	ug/L	96
8) Chloroethane	1.941	64	3078	5.052	ug/L	91
9) Trichlorofluoromethane	2.147	101	7737	5.556	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	4312	5.463	ug/L	97
12) 1,1-Dichloroethene	2.588	96	4118	5.495	ug/L	96
13) Acetone	2.675	43	3399	3.971	ug/L	84
14) Carbon disulfide	2.800	76	12090	5.237	ug/L	99
15) Methyl Acetate	2.974	43	4234	4.143	ug/L	98
16) Methylene chloride	3.054	84	5720	6.374	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	4186	5.292	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	10779	4.426	ug/L #	85
19) 1,1-Dichloroethane	3.874	63	7597	5.264	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	4155	4.825	ug/L	86
23) Bromochloromethane	4.986	128	2354	5.350	ug/L	92
25) Chloroform	5.096	83	8303	5.180	ug/L	96
27) 1,2-Dichloroethane	5.800	62	6103	5.096	ug/L #	94
29) Cyclohexane	5.395	56	5317	4.230	ug/L #	88
30) 1,1,1-Trichloroethane	5.321	97	6764	5.026	ug/L	97
31) Carbon tetrachloride	5.530	117	6023	5.282	ug/L	98
33) Benzene	5.777	78	16636	5.030	ug/L	100
34) Trichloroethene	6.549	95	4569	5.276	ug/L	95
35) Methylcyclohexane	6.768	83	5951	4.434	ug/L	96
37) 1,2-Dichloropropane	6.793	63	4221	4.888	ug/L #	89
38) Bromodichloromethane	7.108	83	5924	5.129	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	5993	4.549	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	10248	8.201	ug/L	94
42) Toluene	7.973	91	16345	4.607	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	5829	4.557	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	4516	5.188	ug/L	91

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 ALS Vial : 2 Sample Multiplier: 1

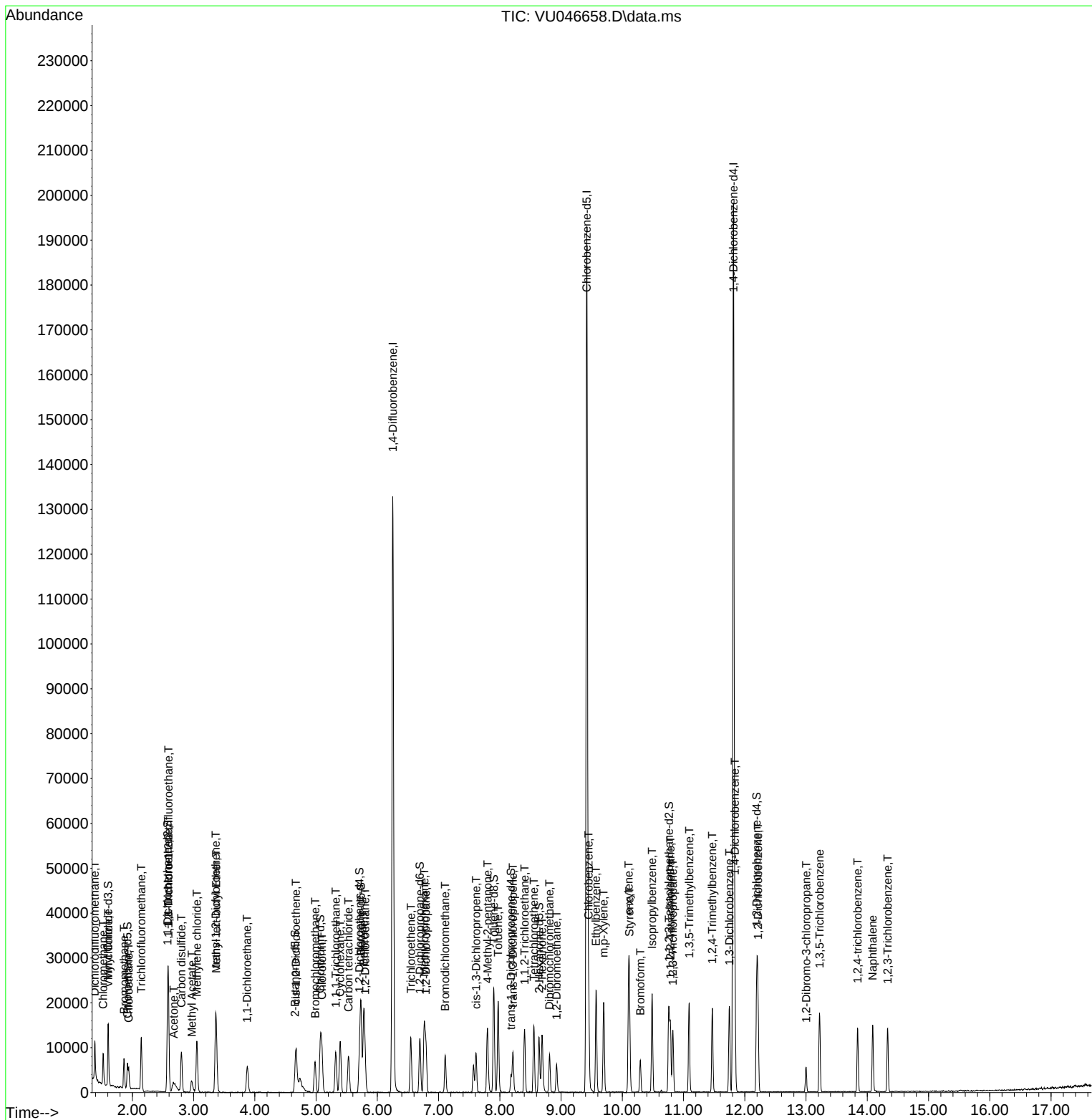
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 MSVOA_U
 ClientSampleId :
 VSTD005037

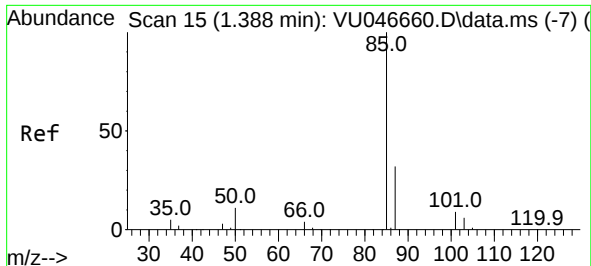
Quant Time: Jan 06 02:20:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.555	164	3452	5.386	ug/L	94
48) 2-Hexanone	8.690	43	7729	6.981	ug/L	95
49) Dibromochloromethane	8.813	129	4832	5.280	ug/L	98
50) 1,2-Dibromoethane	8.928	107	4228	4.518	ug/L #	98
51) Chlorobenzene	9.449	112	11354	4.945	ug/L	99
52) Ethylbenzene	9.571	91	16330	4.307	ug/L	95
53) m,p-Xylene	9.697	106	6028	4.076	ug/L	96
54) o-xylene	10.105	106	5722	3.985	ug/L	99
55) Styrene	10.118	104	9673	3.945	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	7606	5.068	ug/L #	96
59) Bromoform	10.295	173	3282	5.250	ug/L #	98
60) 1,2,3-Trichloropropane	10.825	75	6124	5.300	ug/L	99
61) Isopropylbenzene	10.488	105	14099	4.143	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	11164	3.937	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	10981	3.873	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	8103	4.988	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	8930	5.317	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	8440	5.153	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	1701	5.404	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	6265	5.270	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	4723	4.472	ug/L	98
71) Naphthalene	14.089	128	12896	3.543	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	4694	4.367	ug/L	98

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

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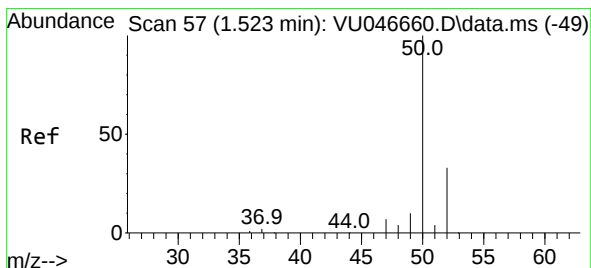
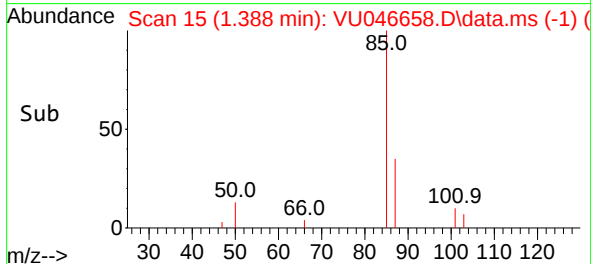
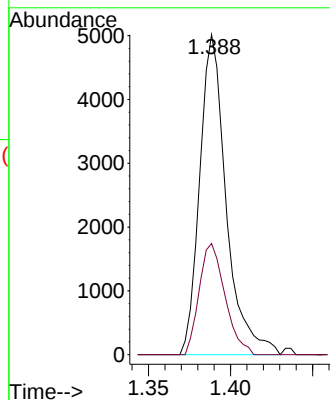
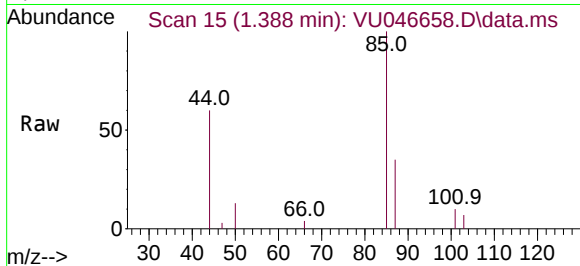




#2
Dichlorodifluoromethane
Concen: 4.880 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

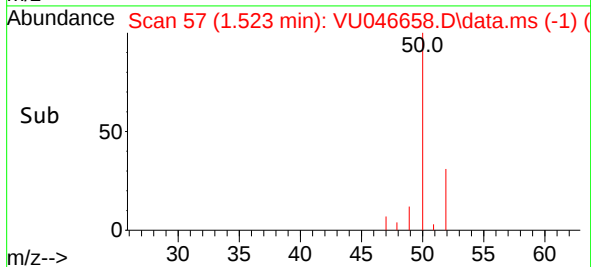
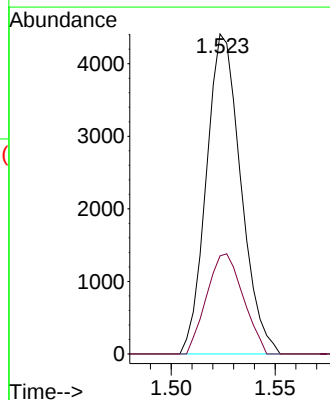
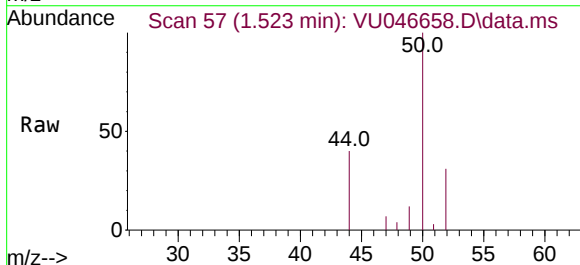
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

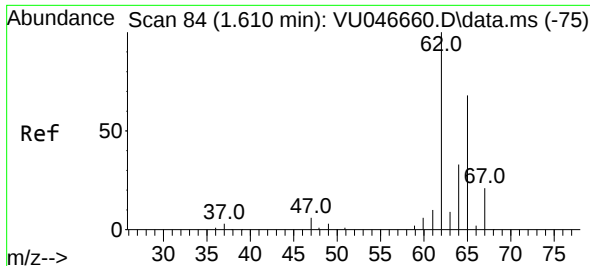
Tgt Ion: 85 Resp: 5638
Ion Ratio Lower Upper
85 100
87 33.8 25.6 38.4



#3
Chloromethane
Concen: 4.911 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 50 Resp: 5090
Ion Ratio Lower Upper
50 100
52 30.7 23.2 43.2

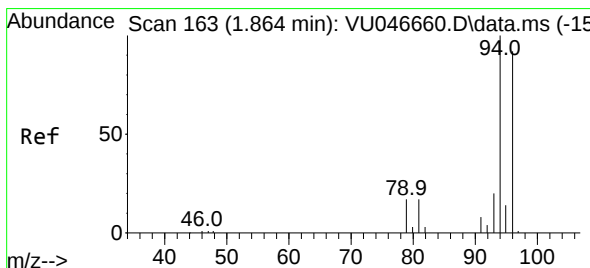
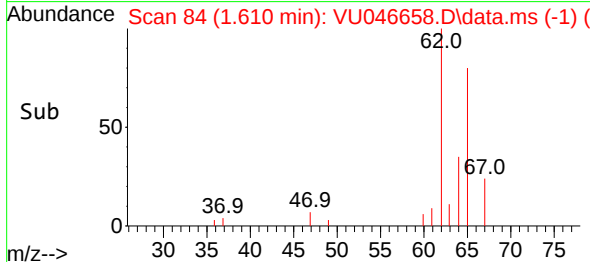
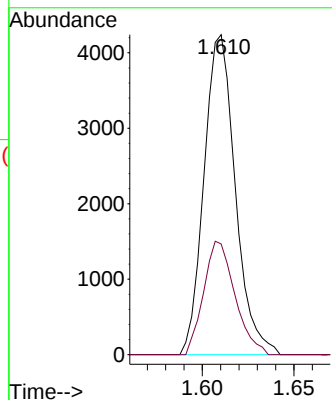
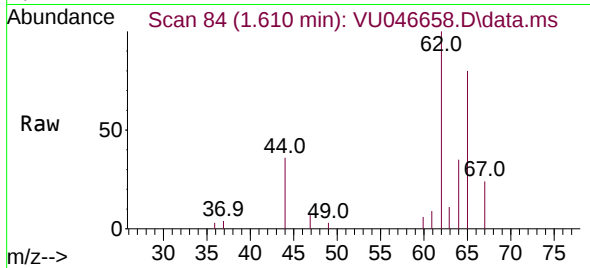




#5
 Vinyl chloride
 Concen: 4.783 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046658.D
 Acq: 05 Jan 2022 11:55

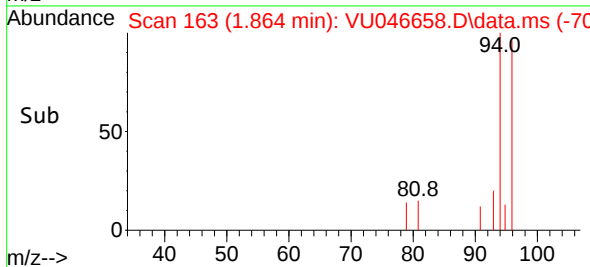
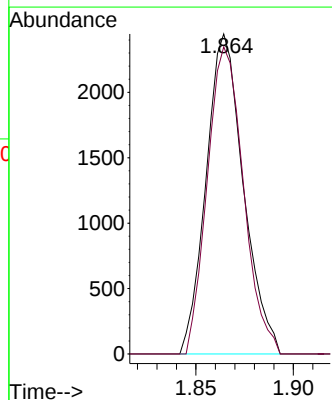
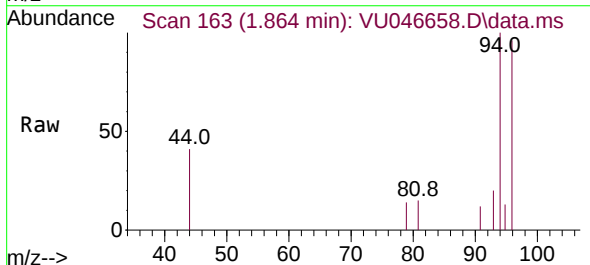
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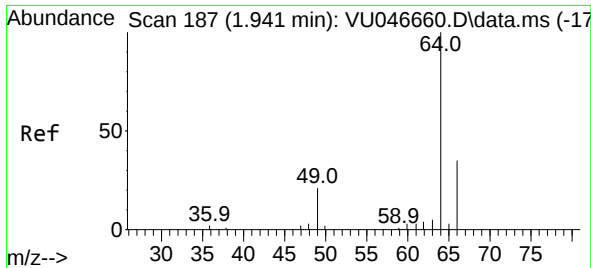
Tgt Ion: 62 Resp: 5035
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.1 42.9



#6
 Bromomethane
 Concen: 5.366 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046658.D
 Acq: 05 Jan 2022 11:55

Tgt Ion: 94 Resp: 3252
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.4 119.6

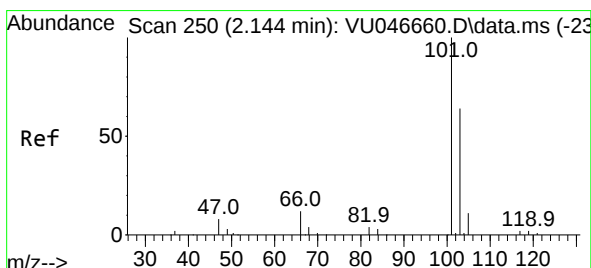
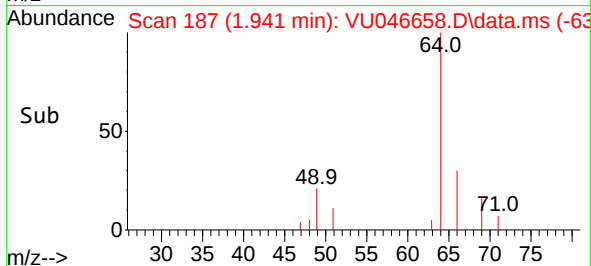
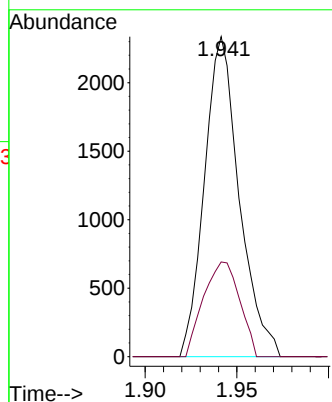
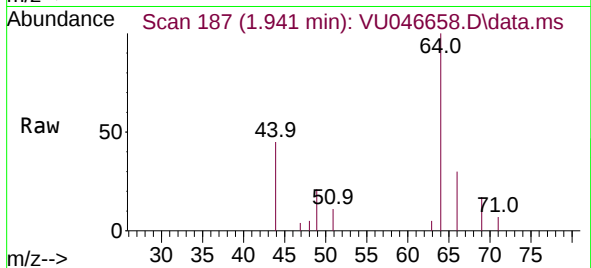




#8
Chloroethane
Concen: 5.052 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

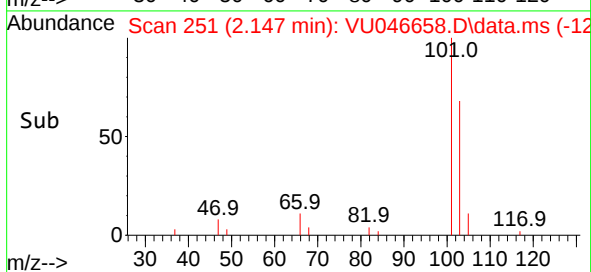
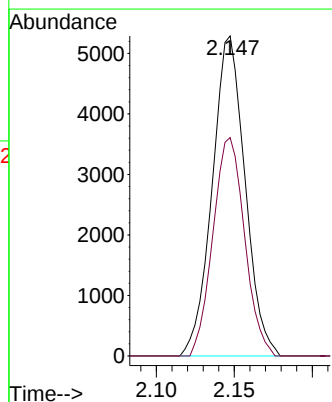
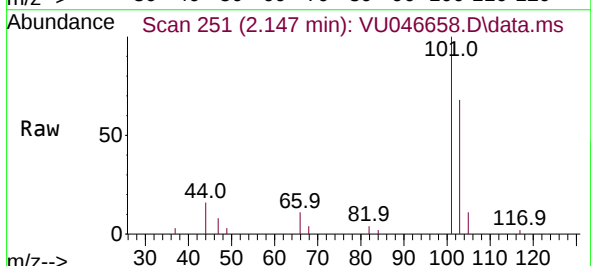
Instrument :
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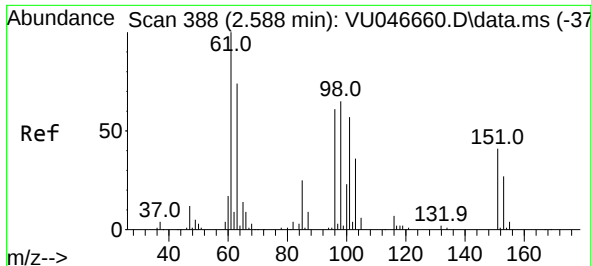
Tgt Ion: 64 Resp: 3078
Ion Ratio Lower Upper
64 100
66 29.6 24.4 45.2



#9
Trichlorofluoromethane
Concen: 5.556 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion:101 Resp: 7737
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

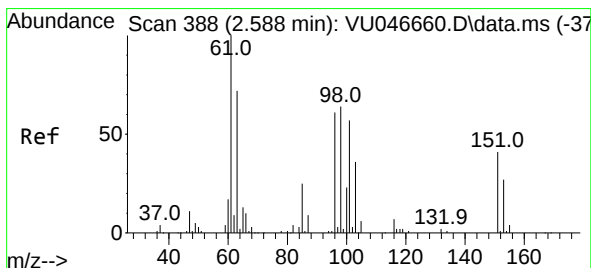
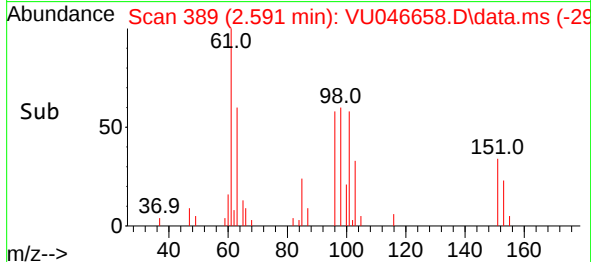
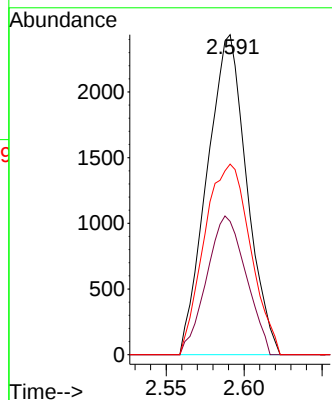
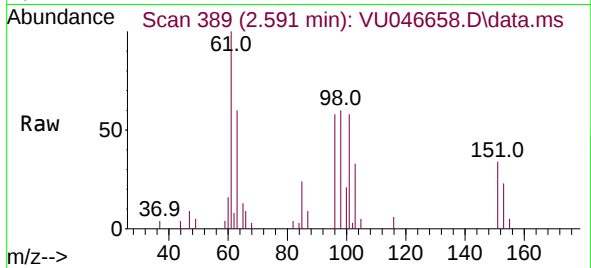




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.463 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

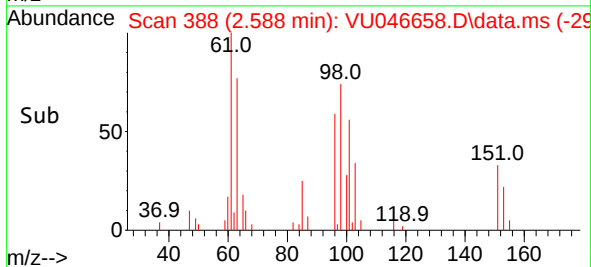
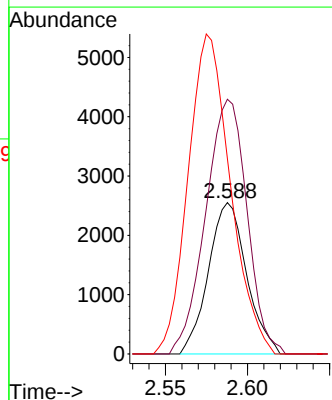
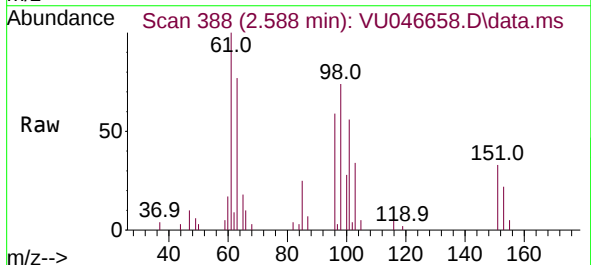
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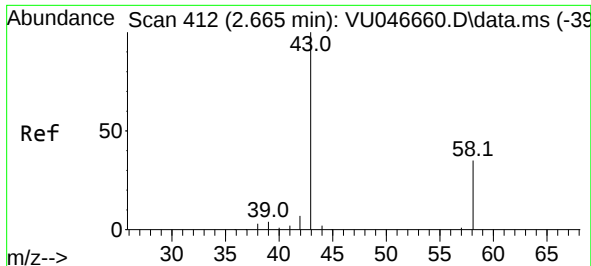
Tgt Ion:101 Resp: 4312
Ion Ratio Lower Upper
101 100
85 42.9 34.9 52.3
151 69.3 58.3 87.5



#12
1,1-Dichloroethene
Concen: 5.495 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 96 Resp: 4118
Ion Ratio Lower Upper
96 100
61 168.3 114.9 213.3
63 129.1 86.0 159.8





#13

Acetone

Concen: 3.971 ug/L

RT: 2.675 min Scan# 412

Delta R.T. 0.010 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

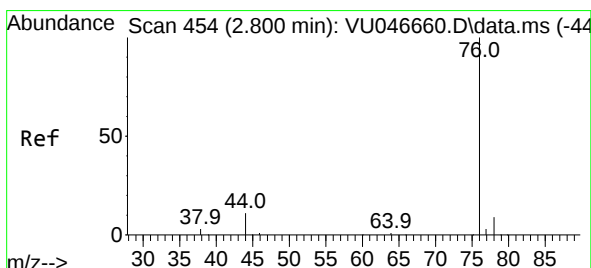
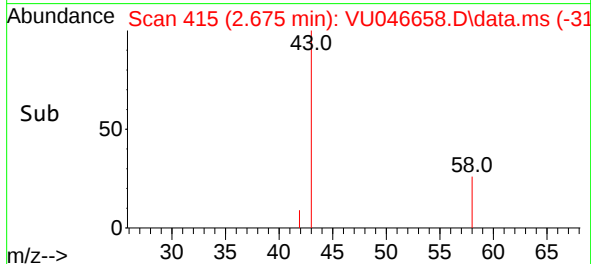
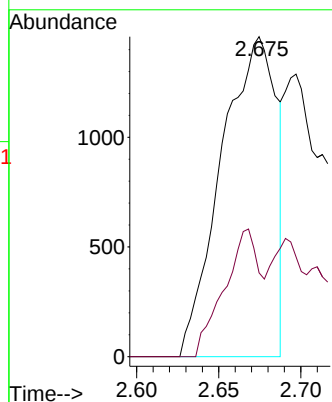
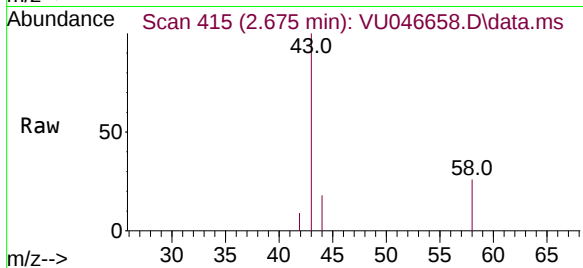
VSTD005037

Tgt Ion: 43 Resp: 3399

Ion Ratio Lower Upper

43 100

58 25.9 0.0 71.0



#14

Carbon disulfide

Concen: 5.237 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046658.D

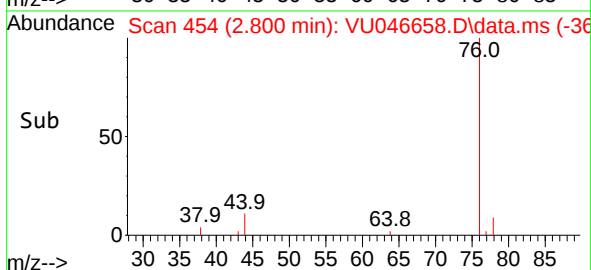
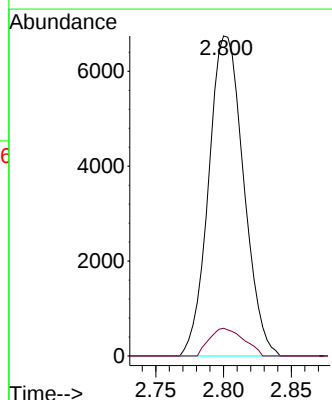
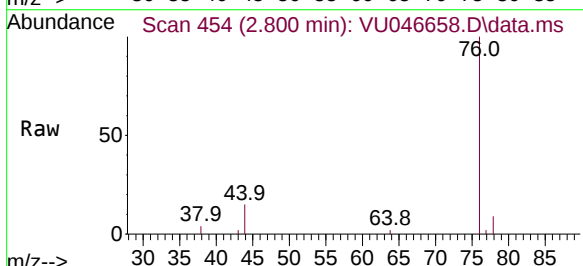
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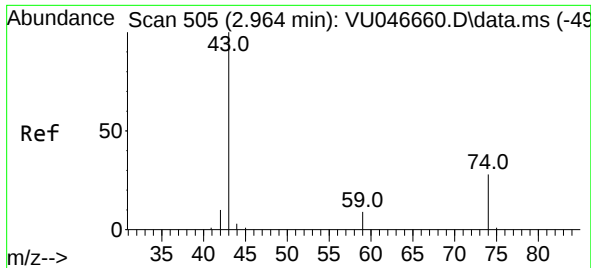
Tgt Ion: 76 Resp: 12090

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

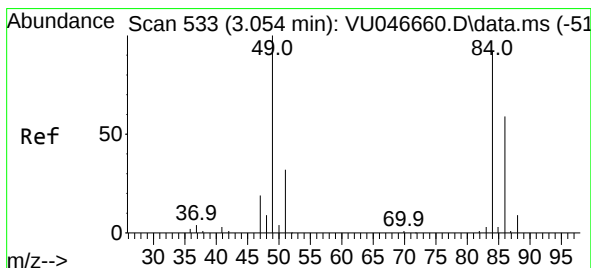
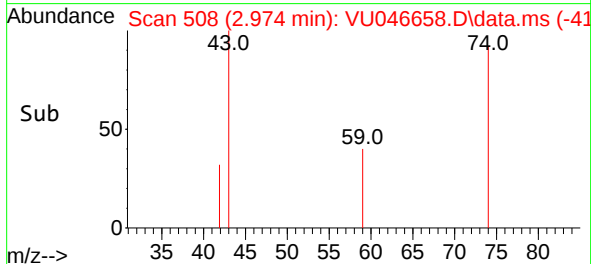
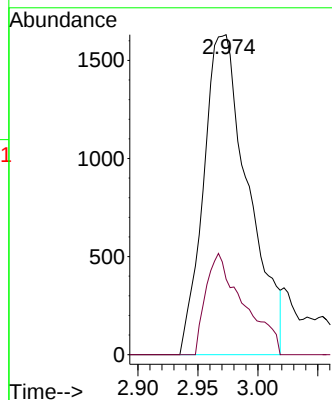
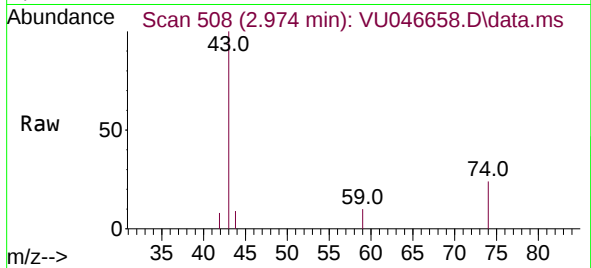




#15
Methyl Acetate
Concen: 4.143 ug/L
RT: 2.974 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

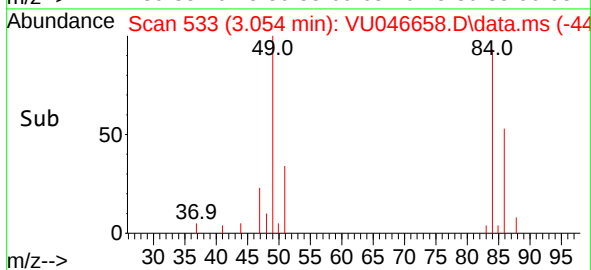
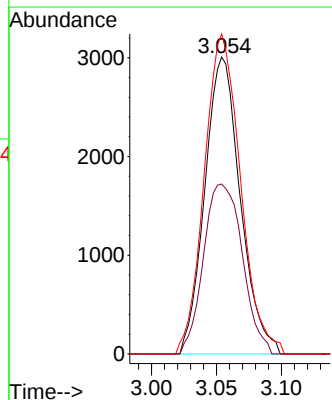
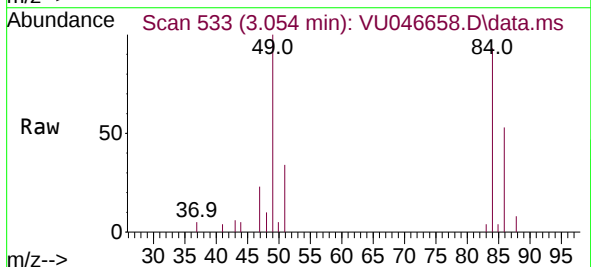
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

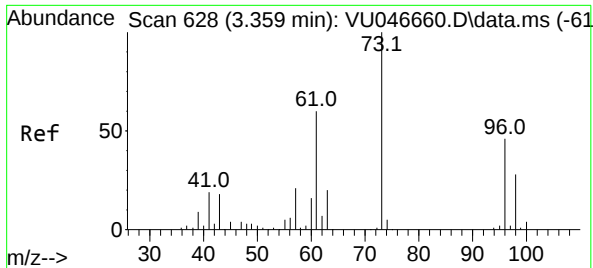
Tgt Ion: 43 Resp: 4234
Ion Ratio Lower Upper
43 100
74 26.7 22.3 33.5



#16
Methylene chloride
Concen: 6.374 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 84 Resp: 5720
Ion Ratio Lower Upper
84 100
86 57.2 44.7 82.9
49 107.7 75.9 141.1

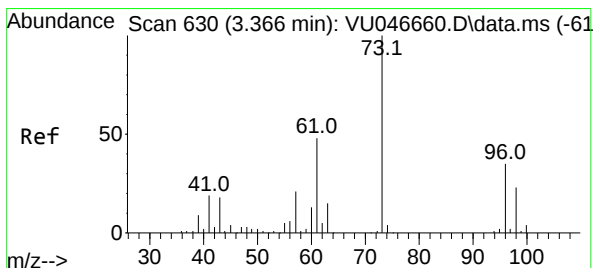
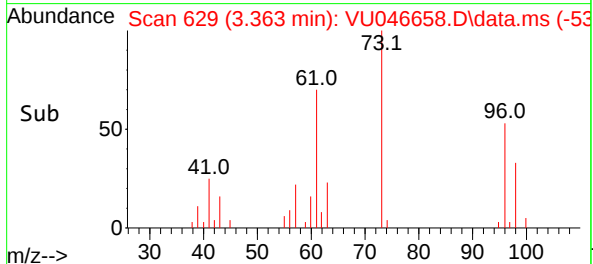
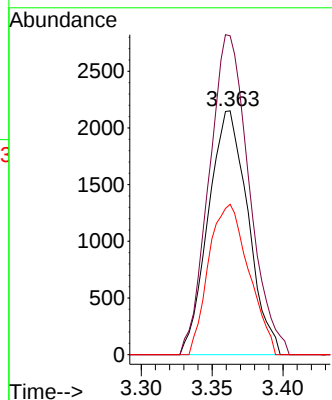
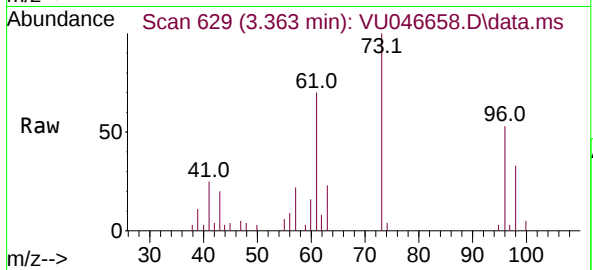




#17
trans-1,2-Dichloroethene
Concen: 5.292 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

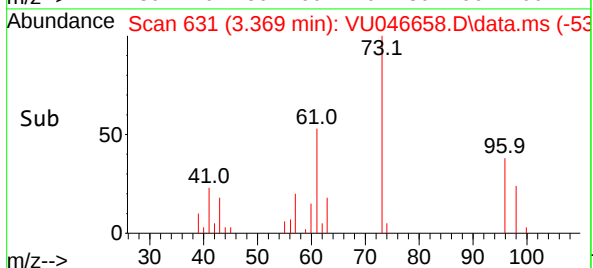
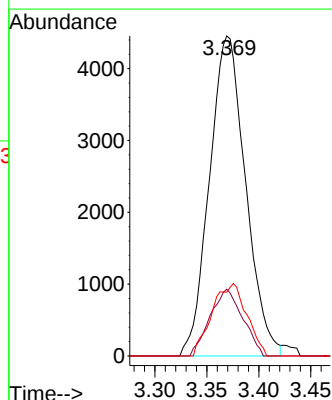
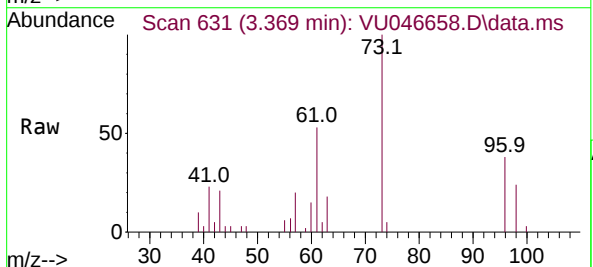
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

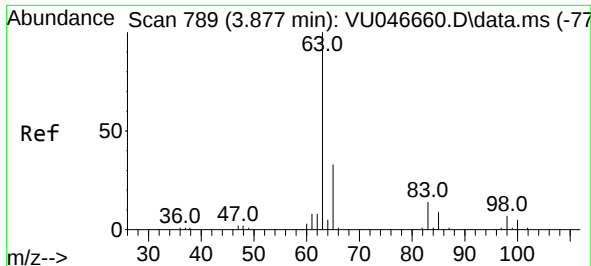
Tgt Ion: 96 Resp: 4186
Ion Ratio Lower Upper
96 100
61 130.8 92.5 171.9
98 61.6 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 4.426 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 73 Resp: 10779
Ion Ratio Lower Upper
73 100
43 18.9 14.1 21.1
57 8.7 16.4 24.6#





#19

1,1-Dichloroethane

Concen: 5.264 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005037

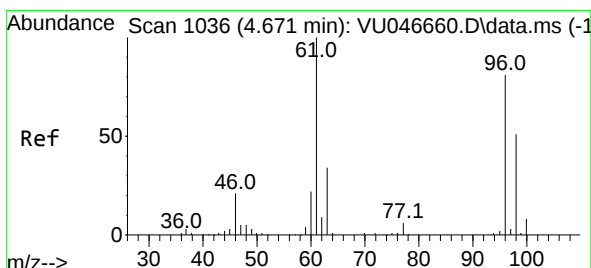
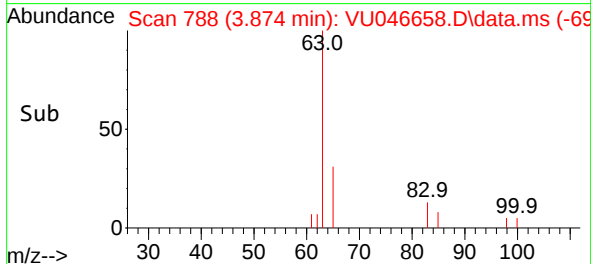
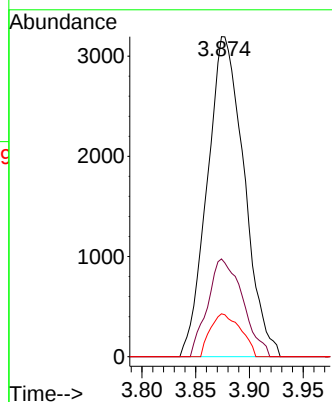
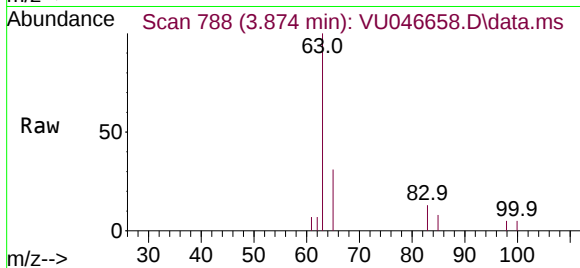
Tgt Ion: 63 Resp: 7597

Ion Ratio Lower Upper

63 100

65 30.5 22.8 42.4

83 13.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.825 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

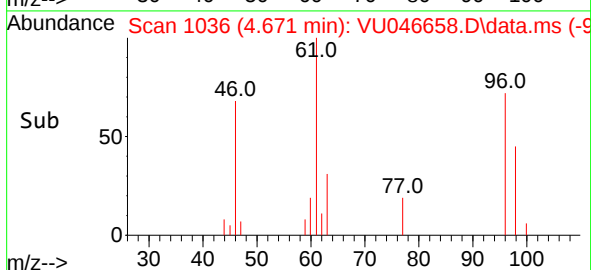
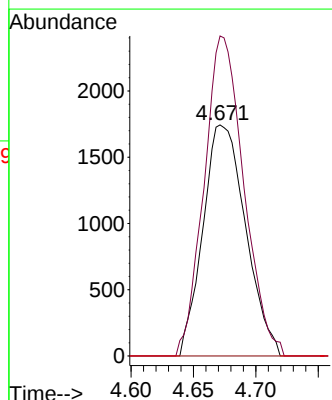
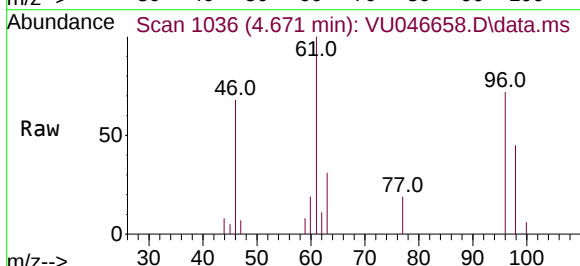
Tgt Ion: 96 Resp: 4155

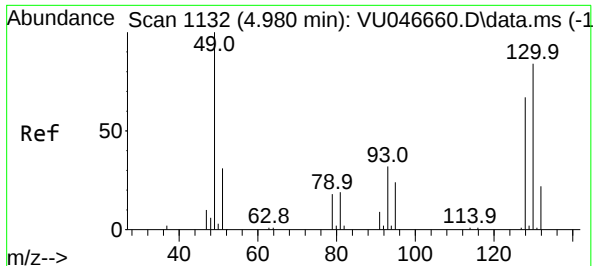
Ion Ratio Lower Upper

96 100

61 138.5 86.0 159.6

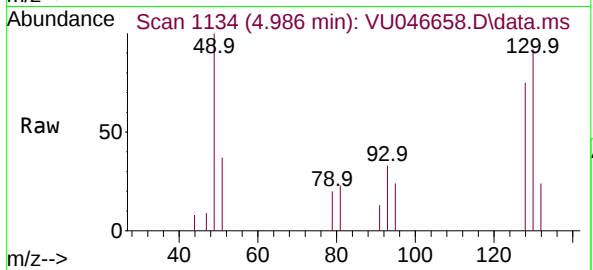
68 0.0 0.0 0.0



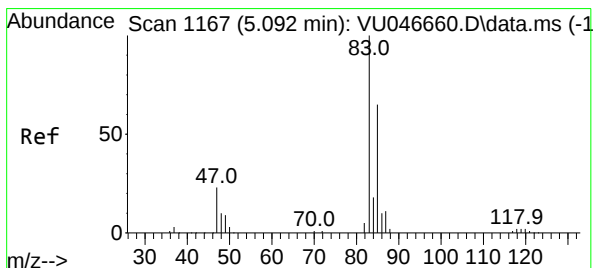
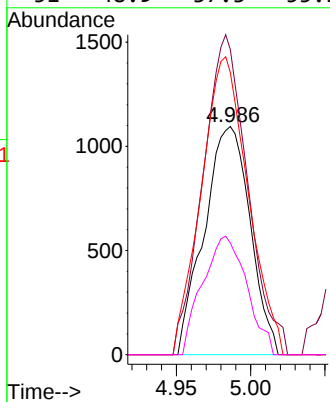
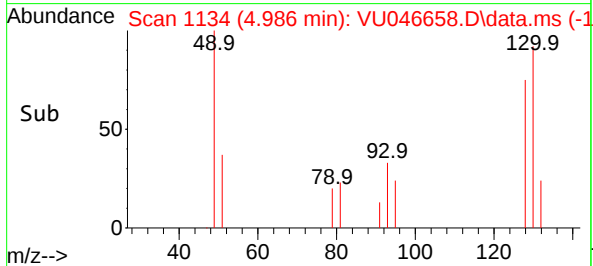


#23
Bromochloromethane
Concen: 5.350 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.007 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

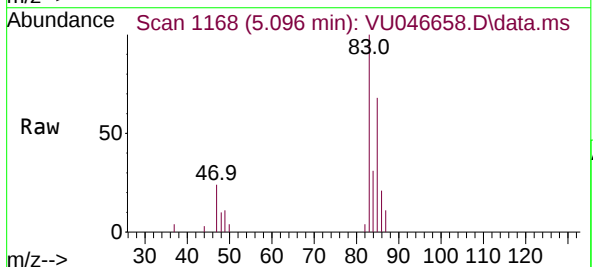
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037



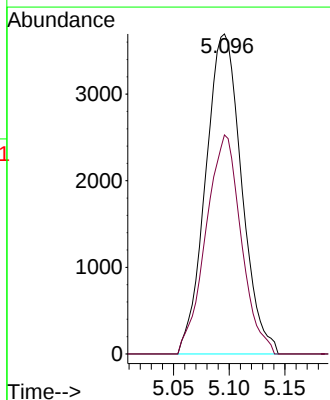
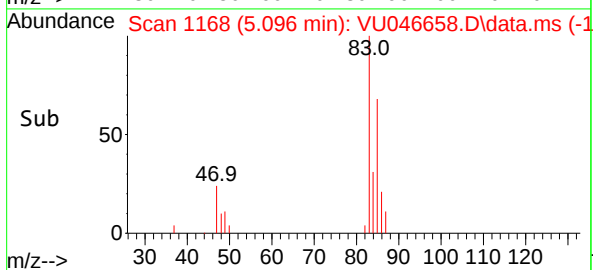
Tgt Ion:128 Resp: 2354
Ion Ratio Lower Upper
128 100
49 133.7 105.4 195.8
130 123.7 88.7 164.7
51 48.9 37.3 55.9

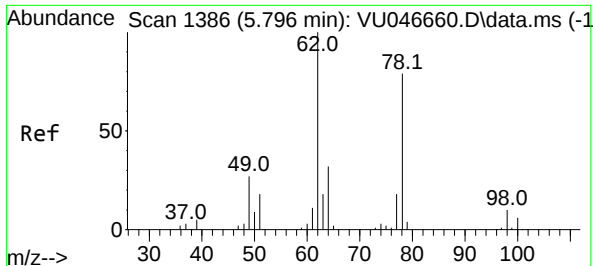


#25
Chloroform
Concen: 5.180 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55



Tgt Ion: 83 Resp: 8303
Ion Ratio Lower Upper
83 100
85 68.4 45.7 84.9





#27

1,2-Dichloroethane

Concen: 5.096 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

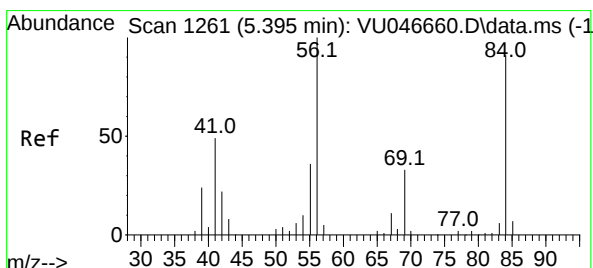
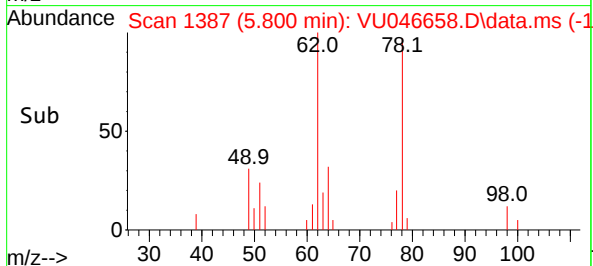
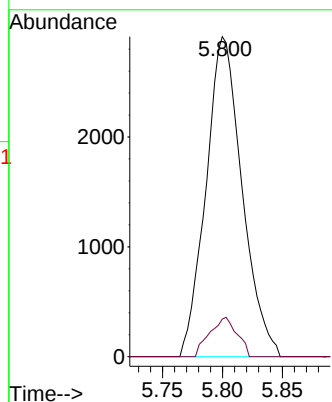
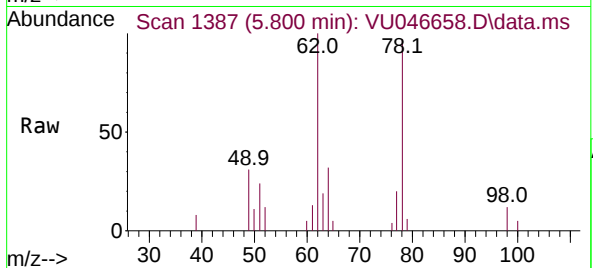
VSTD005037

Tgt Ion: 62 Resp: 6103

Ion Ratio Lower Upper

62 100

98 11.8 7.7 11.5#



#29

Cyclohexane

Concen: 4.230 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

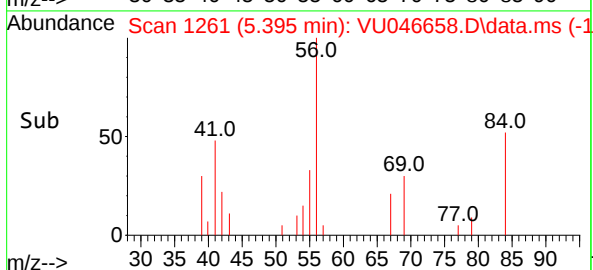
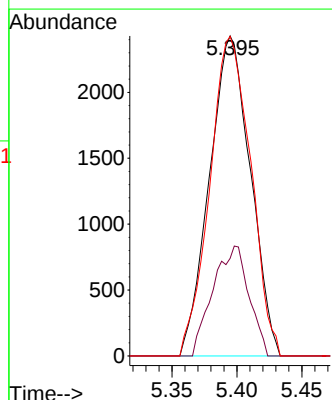
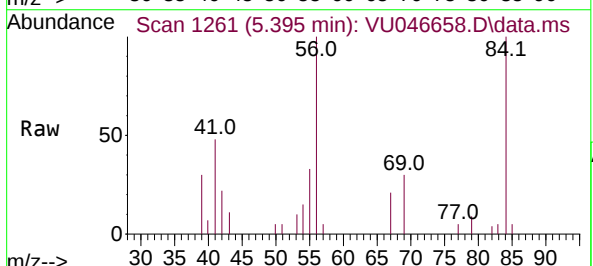
Tgt Ion: 56 Resp: 5317

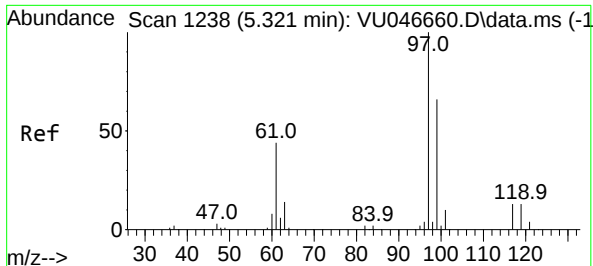
Ion Ratio Lower Upper

56 100

69 16.9 25.8 38.6#

84 99.7 74.2 111.2





#30

1,1,1-Trichloroethane

Concen: 5.026 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005037

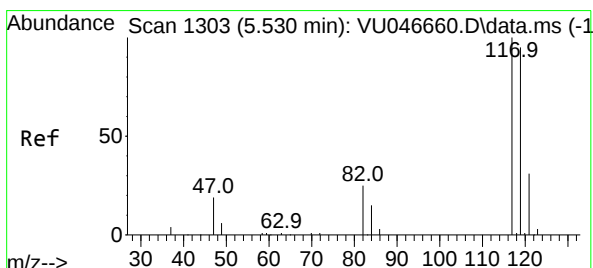
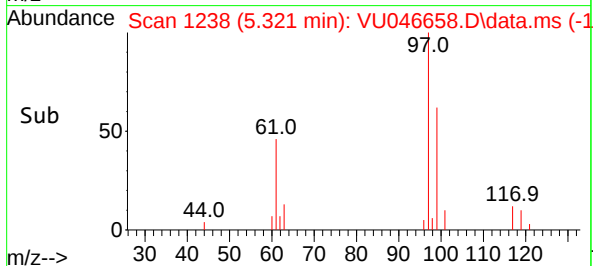
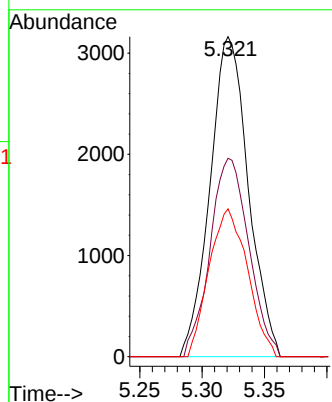
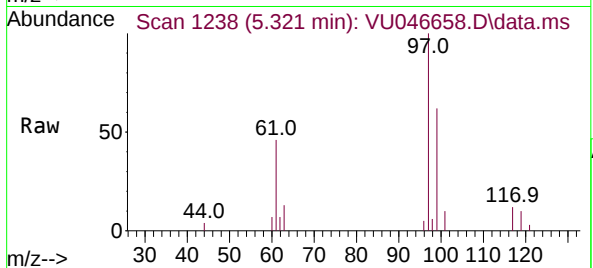
Tgt Ion: 97 Resp: 6764

Ion Ratio Lower Upper

97 100

99 62.8 51.1 76.7

61 46.4 34.1 51.1



#31

Carbon tetrachloride

Concen: 5.282 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU046658.D

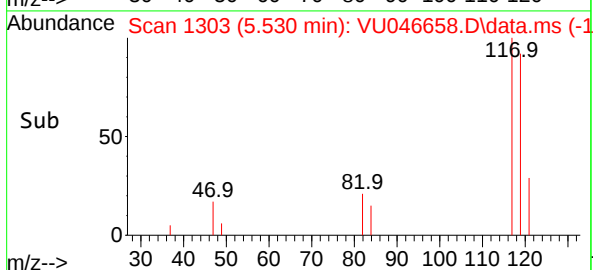
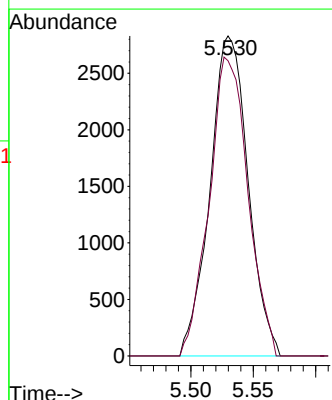
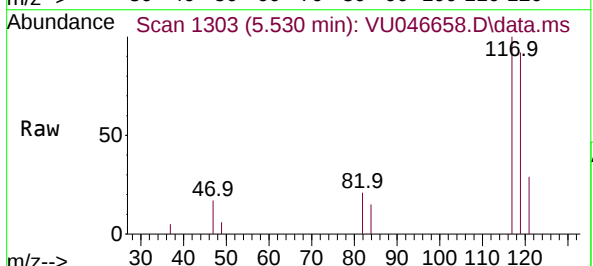
Acq: 05 Jan 2022 11:55

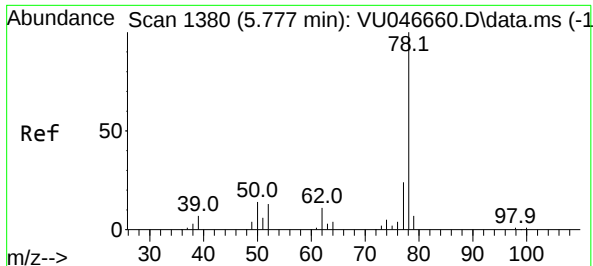
Tgt Ion: 117 Resp: 6023

Ion Ratio Lower Upper

117 100

119 94.6 77.5 116.3





#33

Benzene

Concen: 5.030 ug/L

RT: 5.777 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

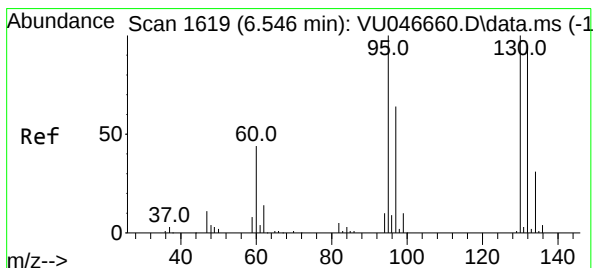
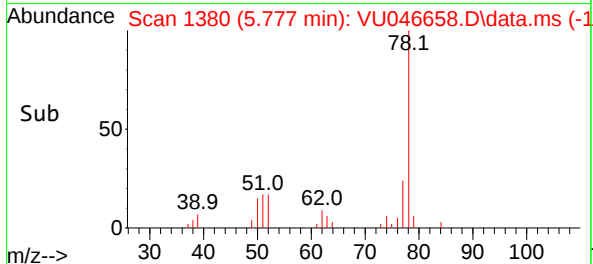
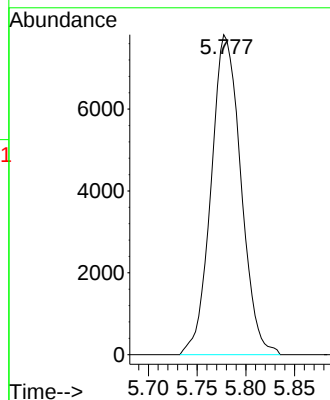
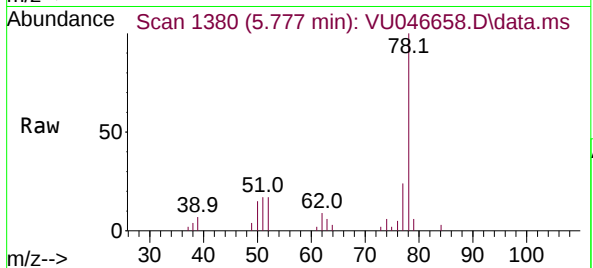
Instrument :

MSVOA_U

ClientSampleId :

VSTD005037

Tgt Ion: 78 Resp: 16636



#34

Trichloroethene

Concen: 5.276 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Tgt Ion: 95 Resp: 4569

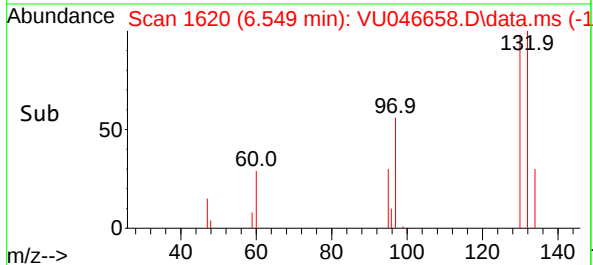
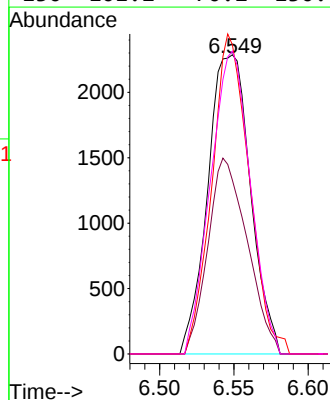
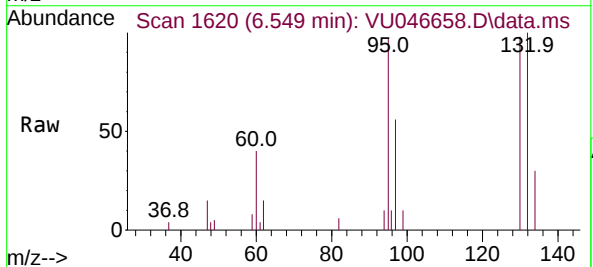
Ion Ratio Lower Upper

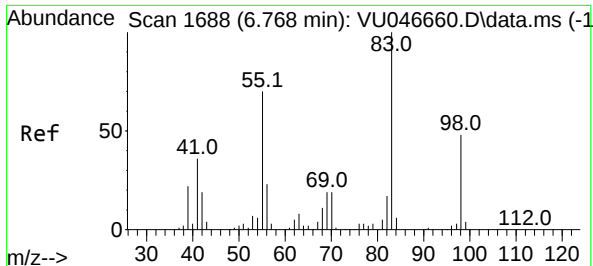
95 100

97 58.2 45.1 83.7

132 103.4 66.7 123.9

130 101.2 70.2 130.4

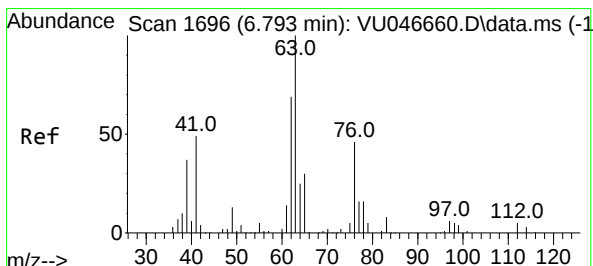
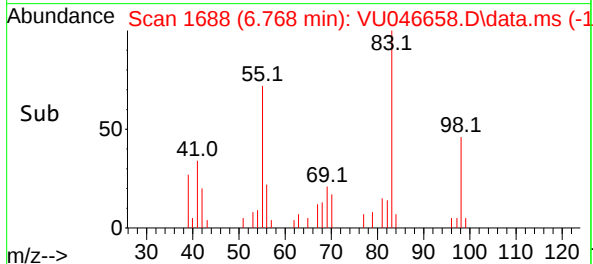
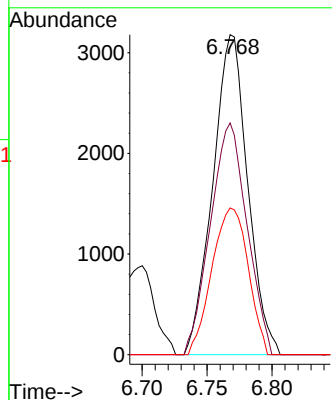
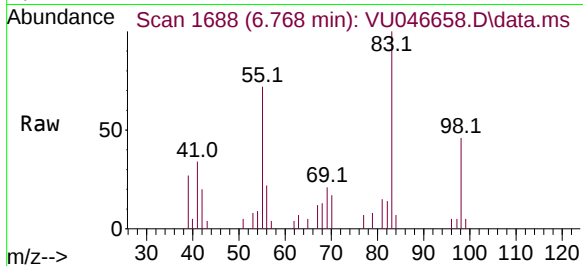




#35
Methylcyclohexane
Concen: 4.434 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

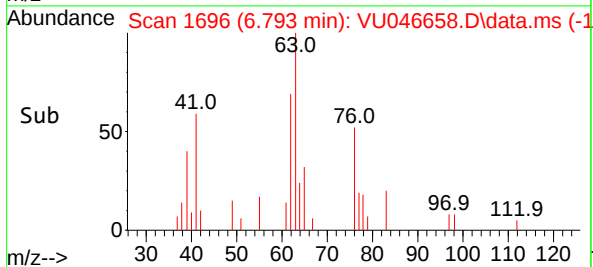
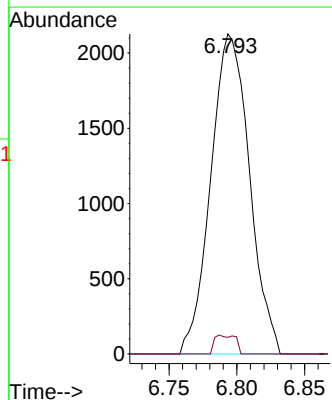
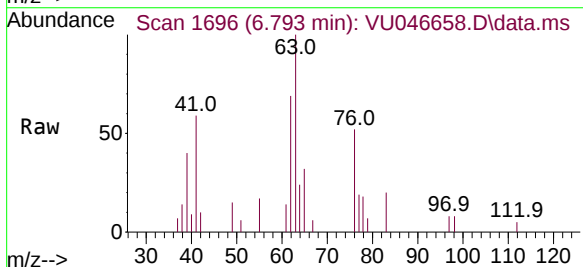
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

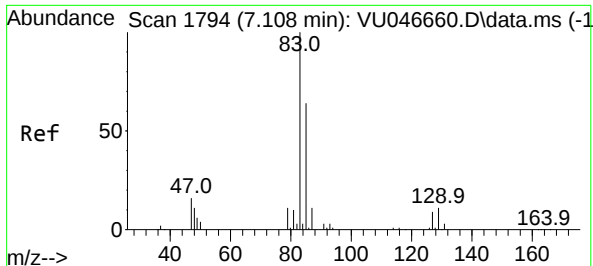
Tgt Ion: 83 Resp: 5951
Ion Ratio Lower Upper
83 100
55 75.9 56.6 85.0
98 47.6 38.4 57.6



#37
1,2-Dichloropropane
Concen: 4.888 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 63 Resp: 4221
Ion Ratio Lower Upper
63 100
112 1.1 3.7 5.5#

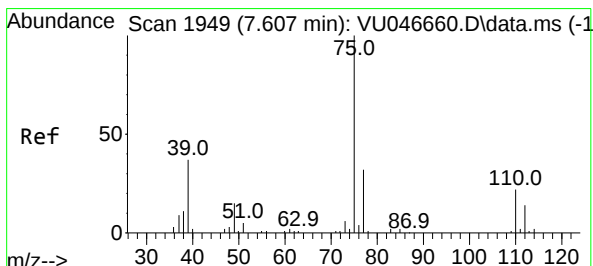
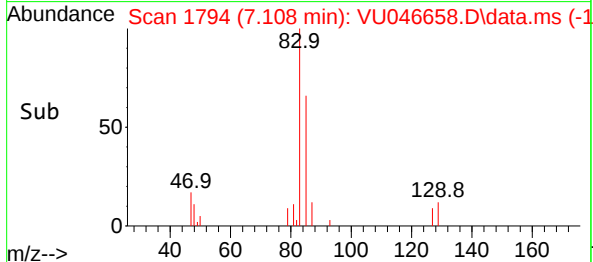
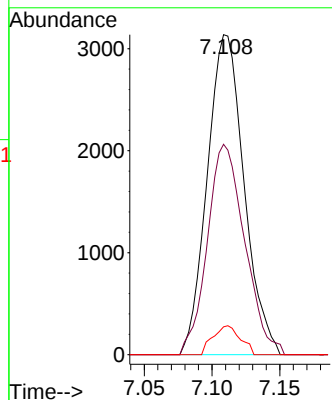
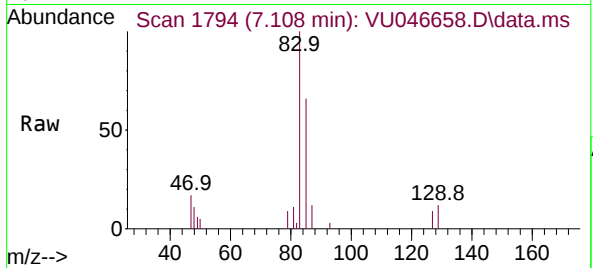




#38
Bromodichloromethane
Concen: 5.129 ug/L
RT: 7.108 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

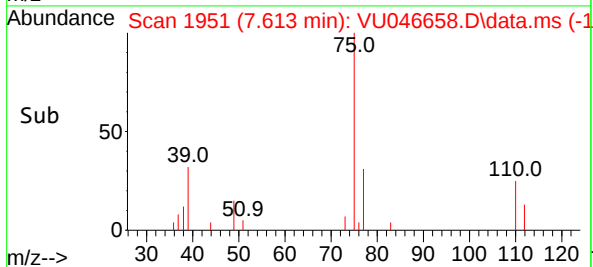
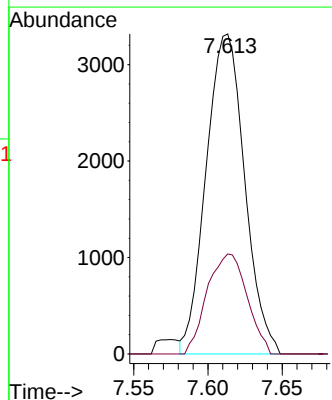
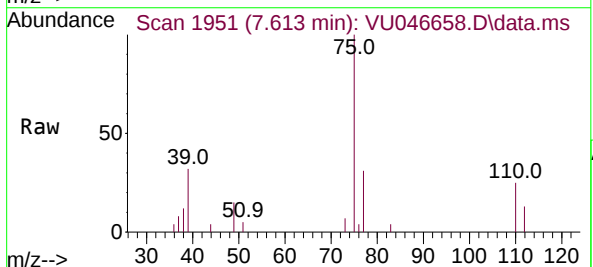
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

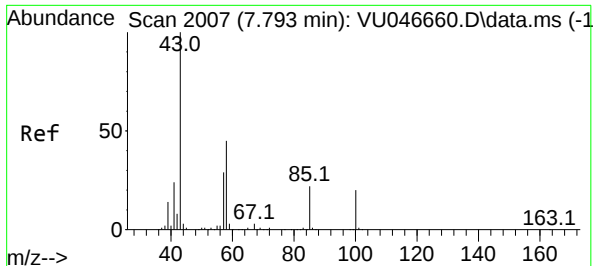
Tgt Ion: 83	Resp:	5924
Ion Ratio	Lower	Upper
83	100	
85	65.8	45.0 83.6
127	8.7	7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 4.549 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.007 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 75	Resp:	5993
Ion Ratio	Lower	Upper
75	100	
77	31.2	22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 8.201 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.007 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005037

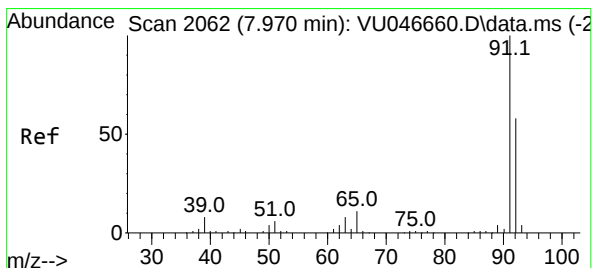
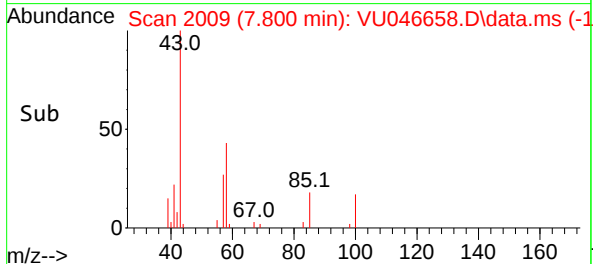
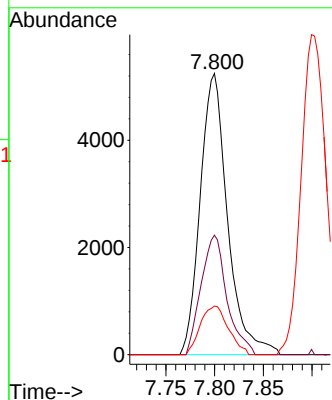
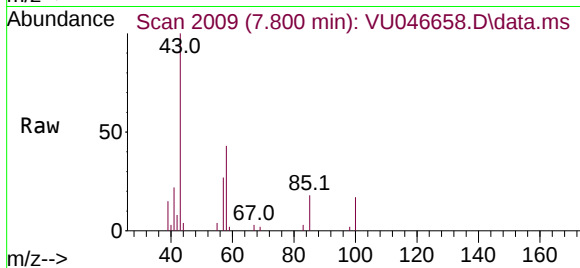
Tgt Ion: 43 Resp: 10248

Ion Ratio Lower Upper

43 100

58 40.1 35.8 53.8

100 17.7 15.7 23.5



#42

Toluene

Concen: 4.607 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046658.D

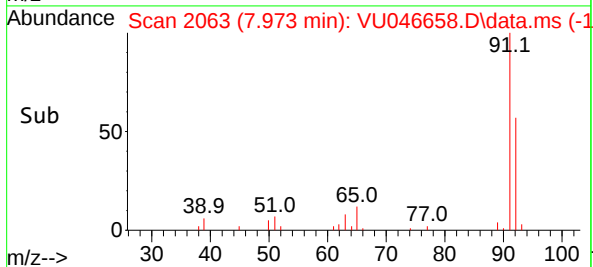
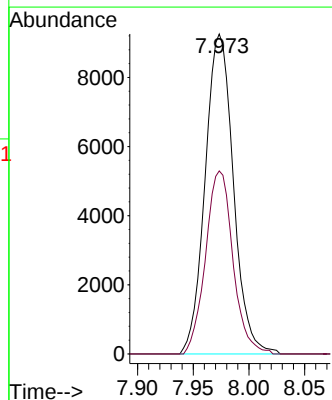
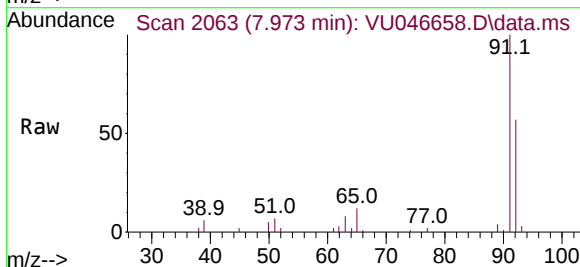
Acq: 05 Jan 2022 11:55

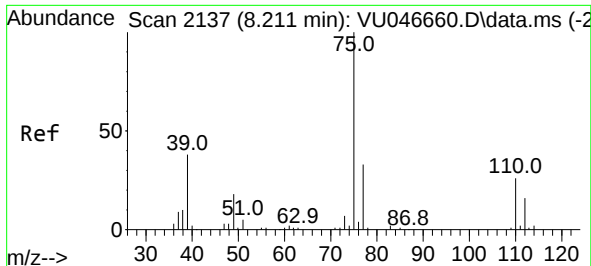
Tgt Ion: 91 Resp: 16345

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0

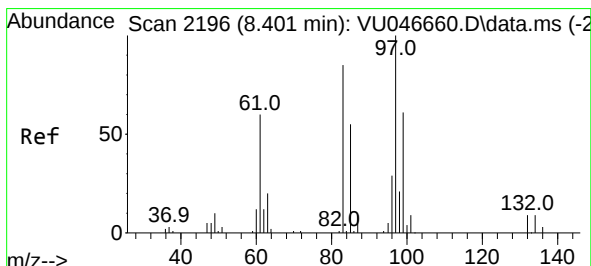
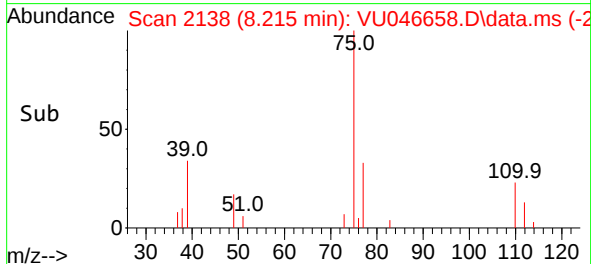
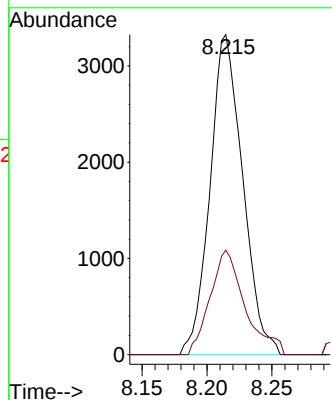
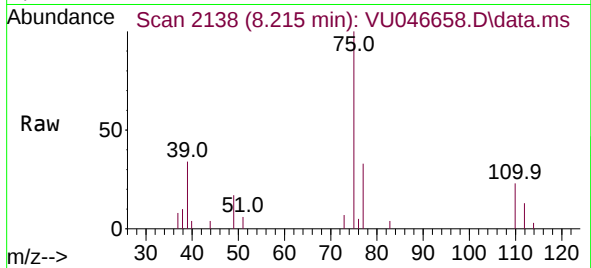




#44
trans-1,3-Dichloropropene
Concen: 4.557 ug/L
RT: 8.215 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

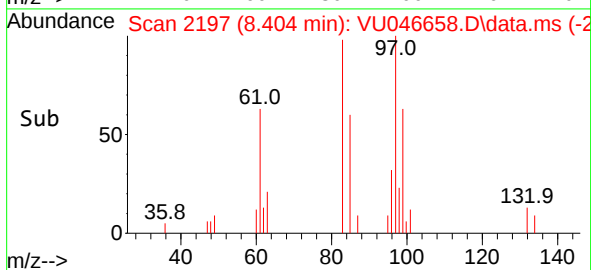
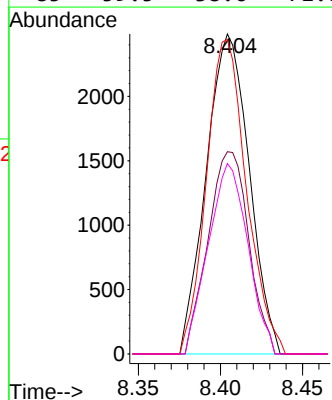
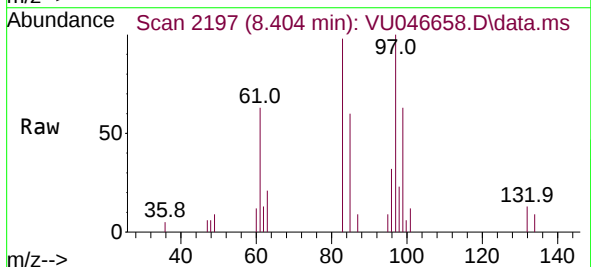
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

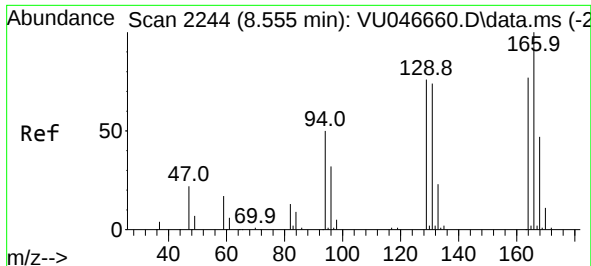
Tgt Ion: 75 Resp: 5829
Ion Ratio Lower Upper
75 100
77 32.6 23.0 42.8



#45
1,1,2-Trichloroethane
Concen: 5.188 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 97 Resp: 4516
Ion Ratio Lower Upper
97 100
99 63.2 42.4 78.8
83 98.3 59.4 110.4
85 59.5 38.6 71.8

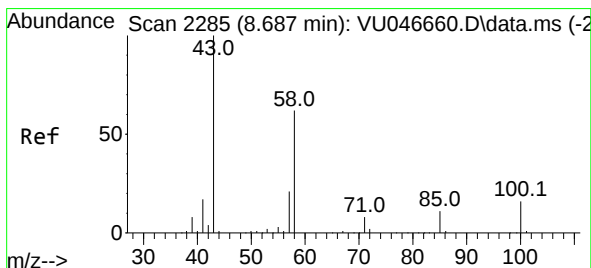
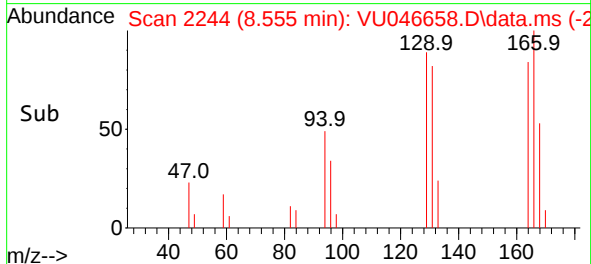
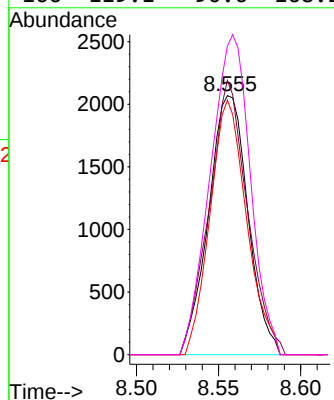
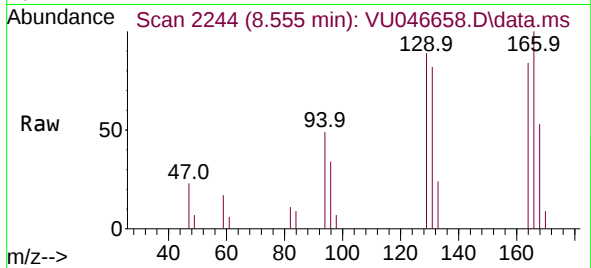




#46
Tetrachloroethene
Concen: 5.386 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

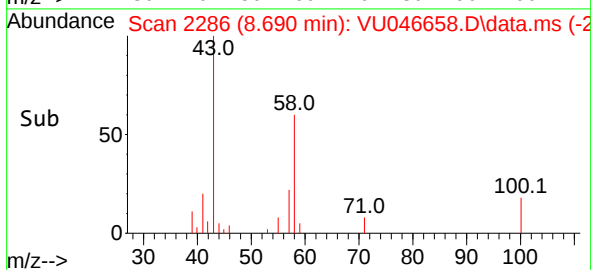
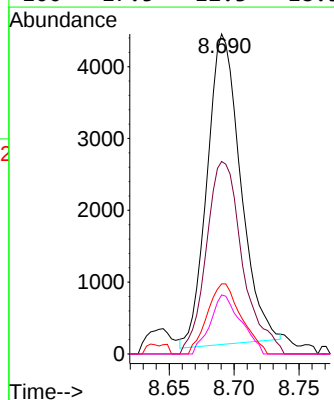
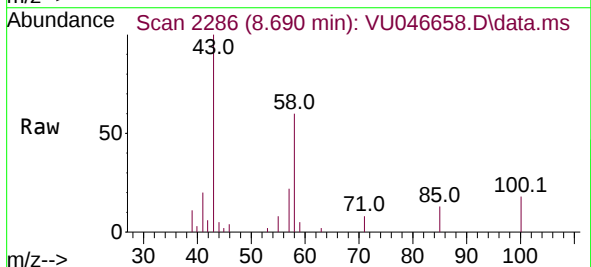
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

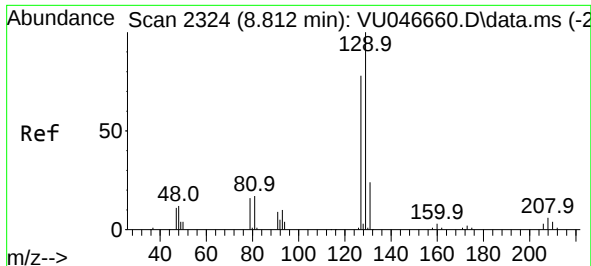
Tgt	Ion:164	Resp:	3452
Ion	Ratio	Lower	Upper
164	100		
129	105.9	69.5	129.1
131	98.3	67.0	124.4
166	119.1	90.6	168.2



#48
2-Hexanone
Concen: 6.981 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 43	Resp:	7729	
Ion	Ratio	Lower	Upper
43	100		
58	67.0	49.4	74.2
57	22.9	17.5	26.3
100	17.5	12.3	18.5





#49

Dibromochloromethane

Concen: 5.280 ug/L

RT: 8.813 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

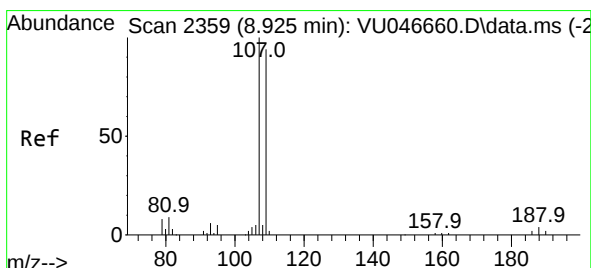
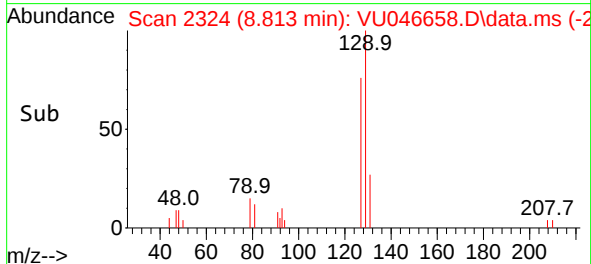
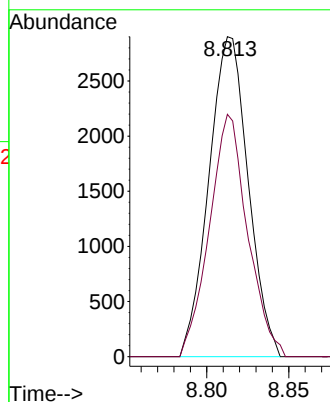
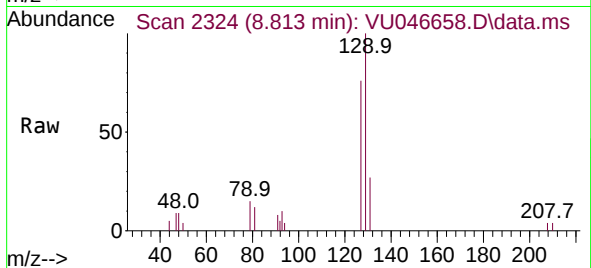
VSTD005037

Tgt Ion:129 Resp: 4832

Ion Ratio Lower Upper

129 100

127 75.7 54.5 101.3



#50

1,2-Dibromoethane

Concen: 4.518 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

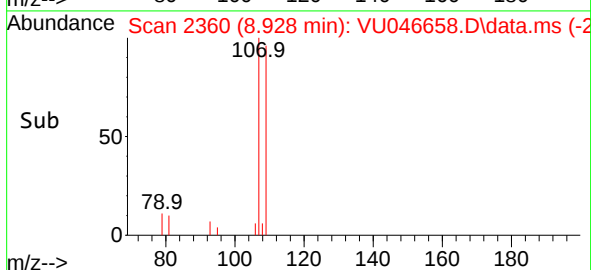
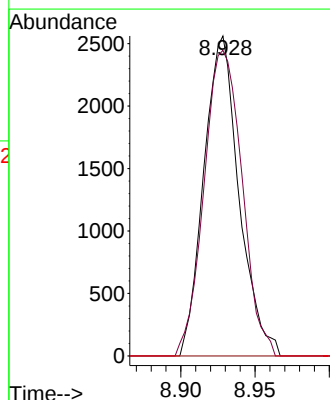
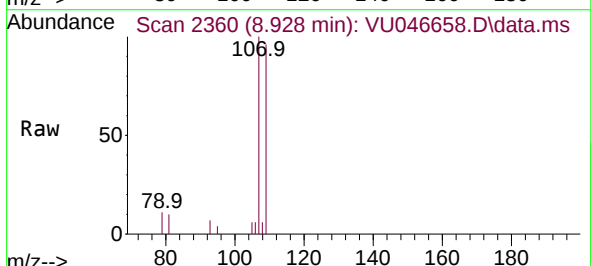
Tgt Ion:107 Resp: 4228

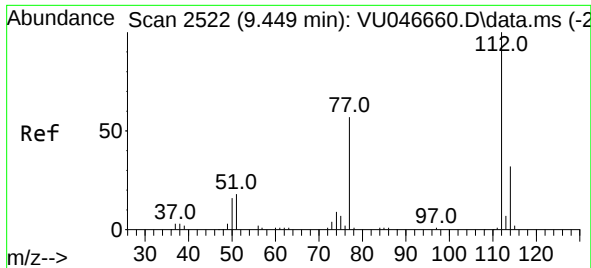
Ion Ratio Lower Upper

107 100

109 95.5 65.6 121.8

188 0.0 3.1 4.7#

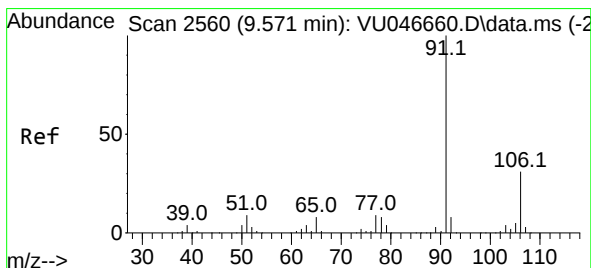
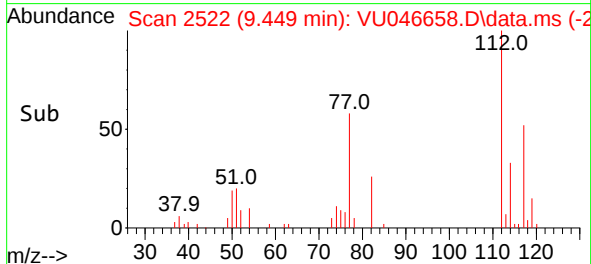
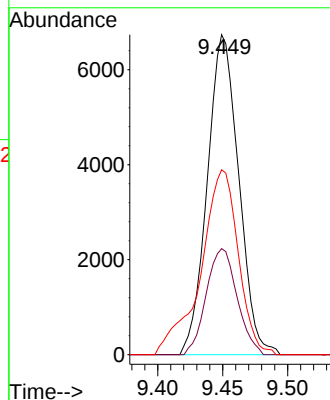
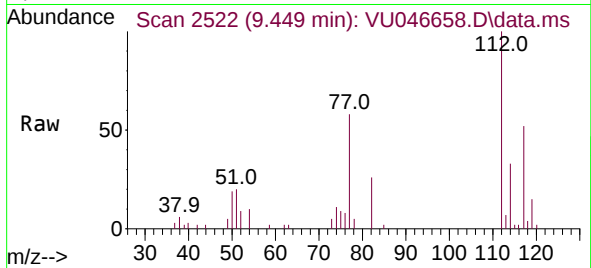




#51
Chlorobenzene
Concen: 4.945 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

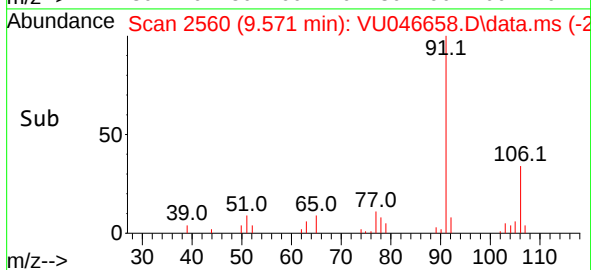
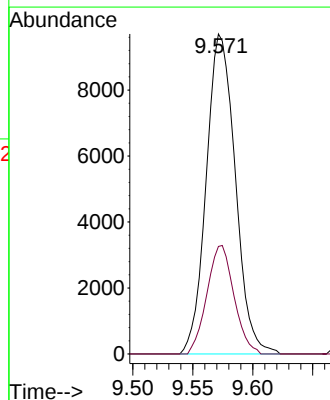
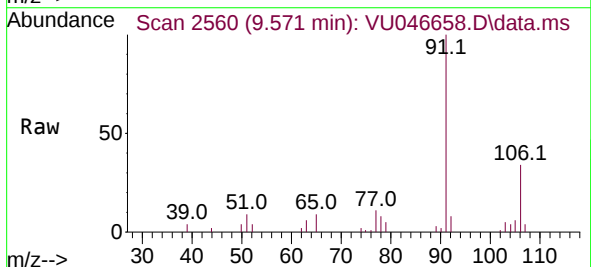
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

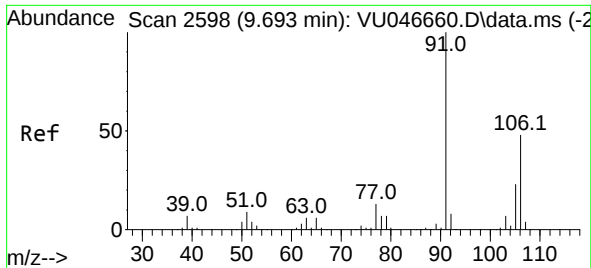
Tgt Ion:112 Resp: 11354
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 57.8 46.5 69.7



#52
Ethylbenzene
Concen: 4.307 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 91 Resp: 16330
Ion Ratio Lower Upper
91 100
106 33.6 21.8 40.4

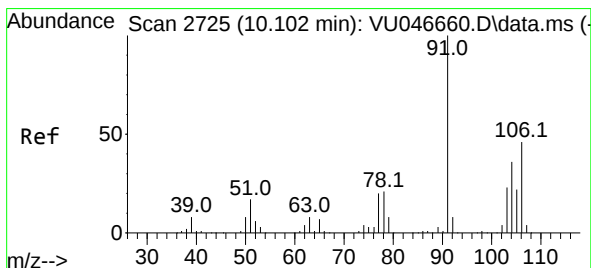
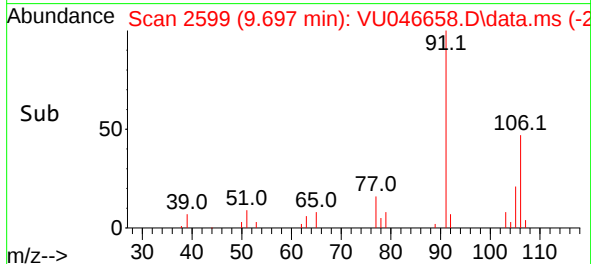
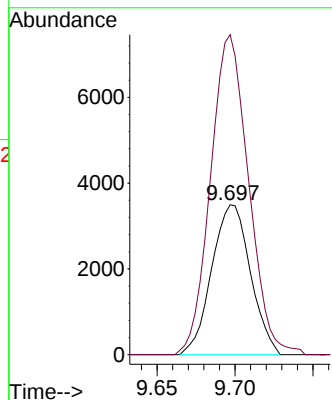
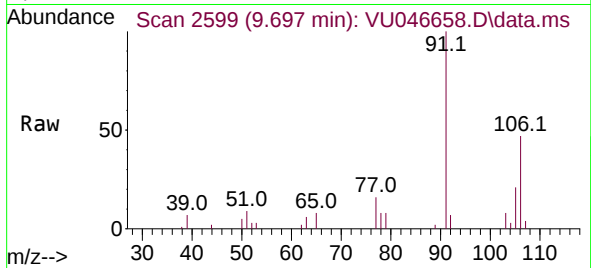




#53
m,p-Xylene
Concen: 4.076 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

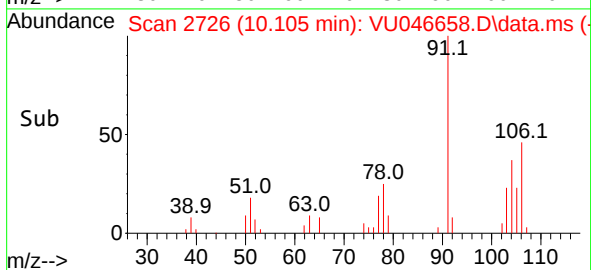
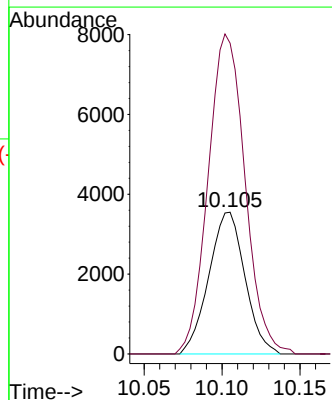
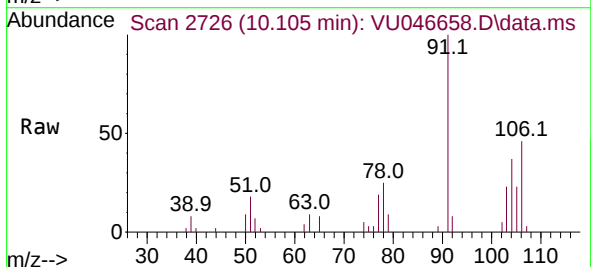
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

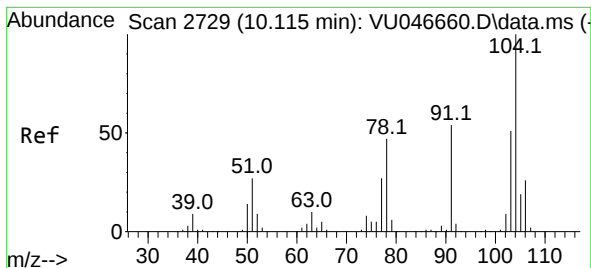
Tgt Ion:106 Resp: 6028
Ion Ratio Lower Upper
106 100
91 213.4 145.5 270.1



#54
o-xylene
Concen: 3.985 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion:106 Resp: 5722
Ion Ratio Lower Upper
106 100
91 219.1 152.0 282.2





#55

Styrene

Concen: 3.945 ug/L

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

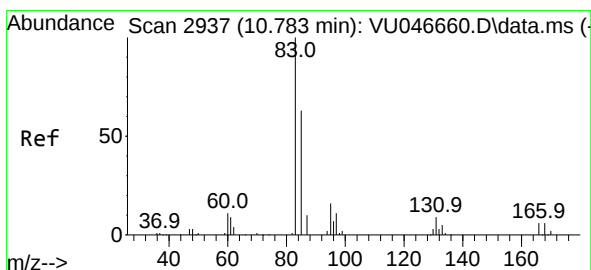
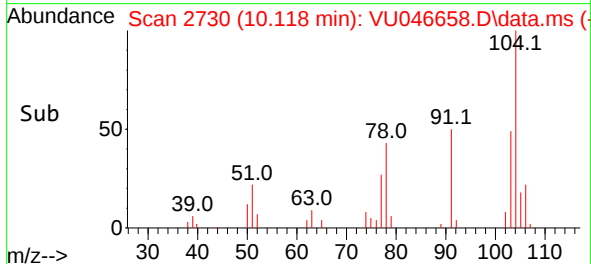
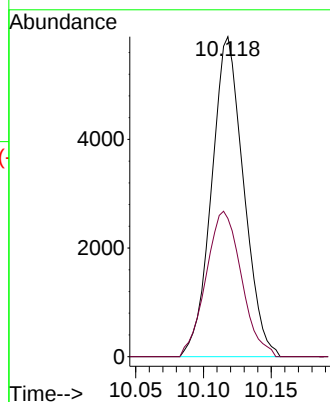
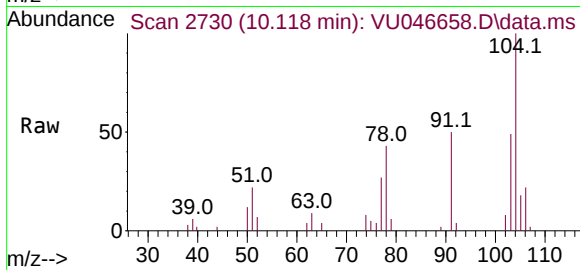
VSTD005037

Tgt Ion:104 Resp: 9673

Ion Ratio Lower Upper

104 100

78 43.2 32.6 60.6



#57

1,1,2,2-Tetrachloroethane

Concen: 5.068 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU046658.D

Acq: 05 Jan 2022 11:55

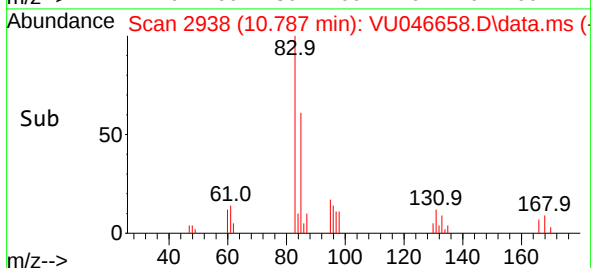
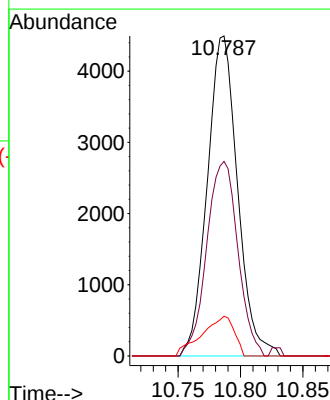
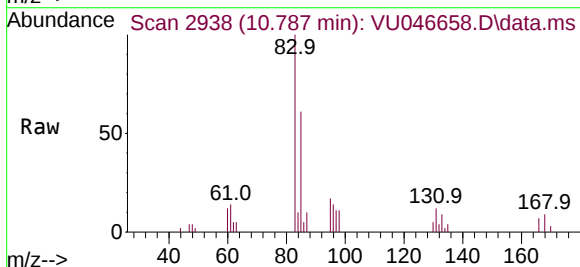
Tgt Ion: 83 Resp: 7606

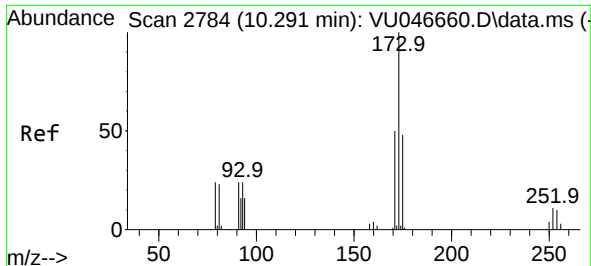
Ion Ratio Lower Upper

83 100

85 60.8 44.7 83.1

131 12.4 7.8 11.6#

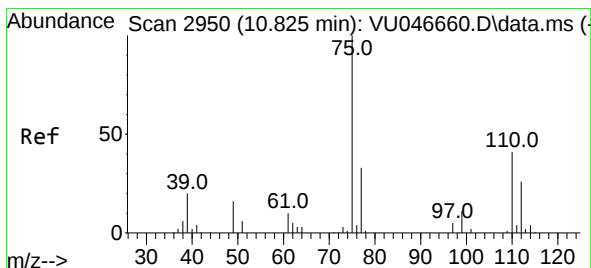
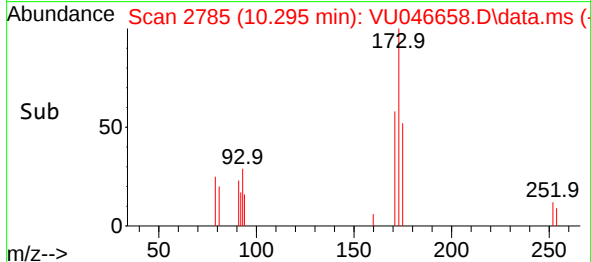
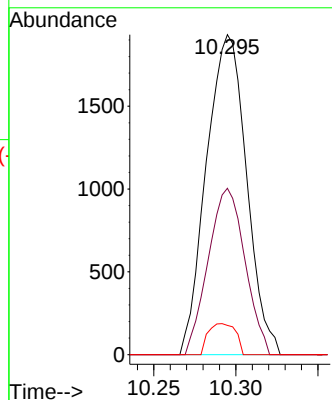
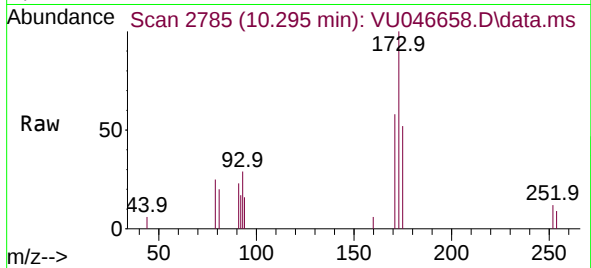




#59
Bromoform
Concen: 5.250 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

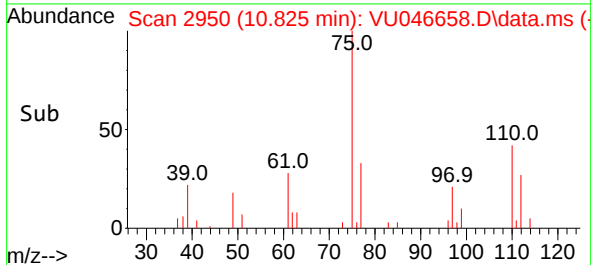
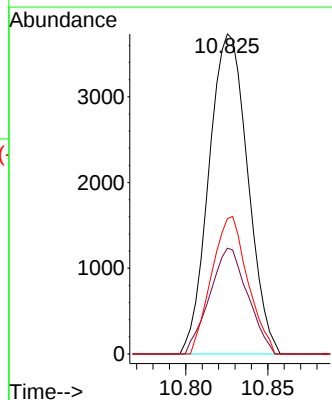
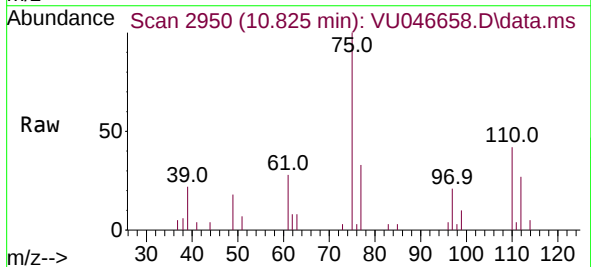
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

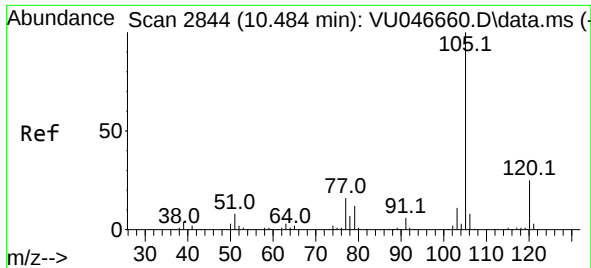
Tgt Ion:173 Resp: 3282
Ion Ratio Lower Upper
173 100
175 47.6 37.6 56.4
254 6.6 8.1 12.1#



#60
1,2,3-Trichloropropane
Concen: 5.300 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion: 75 Resp: 6124
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 40.0 32.5 48.7

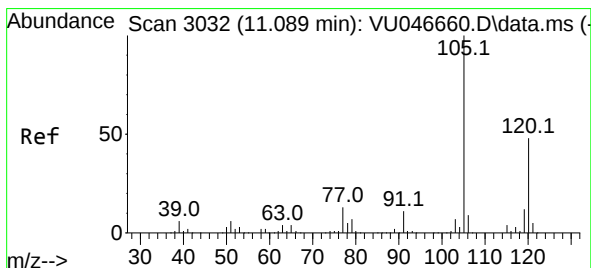
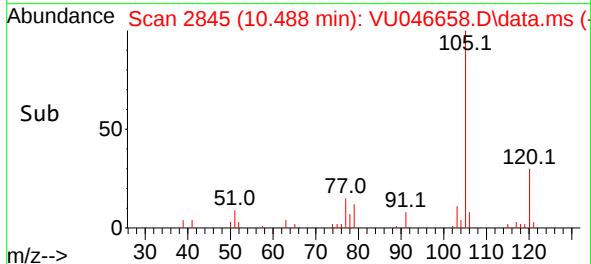
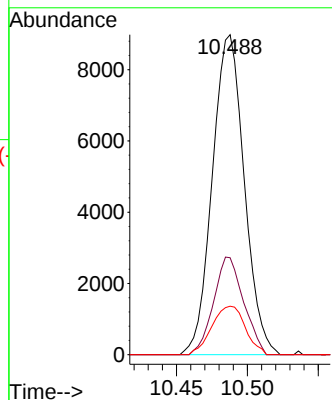
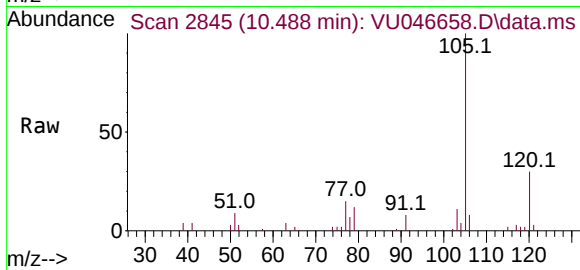




#61
Isopropylbenzene
Concen: 4.143 ug/L
RT: 10.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

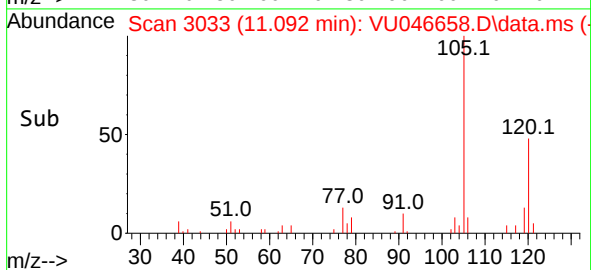
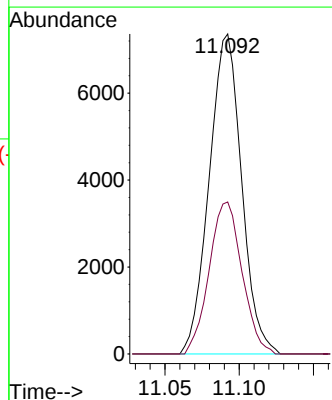
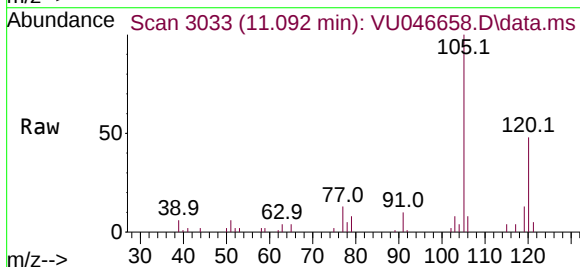
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

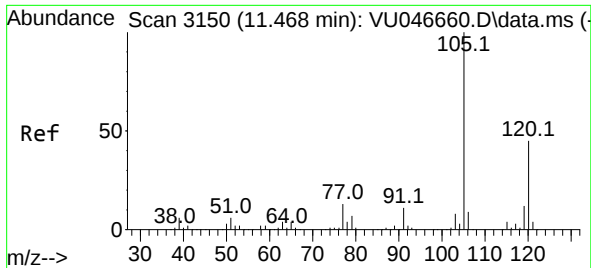
Tgt Ion:105 Resp: 14099
Ion Ratio Lower Upper
105 100
120 28.6 20.6 31.0
77 15.9 12.6 18.8



#62
1,3,5-Trimethylbenzene
Concen: 3.937 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion:105 Resp: 11164
Ion Ratio Lower Upper
105 100
120 48.2 38.4 57.6

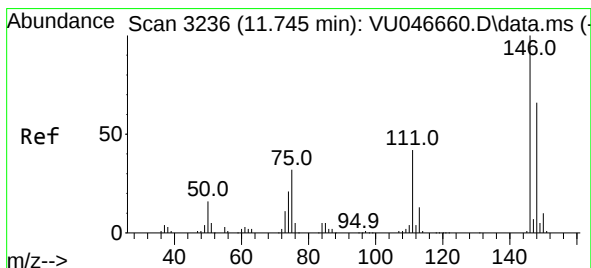
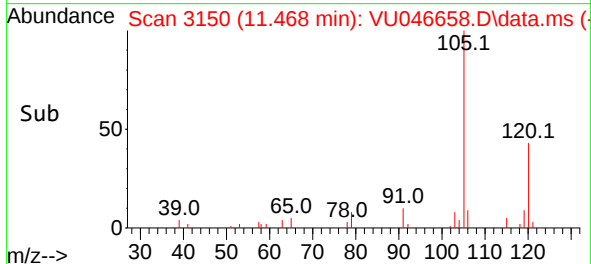
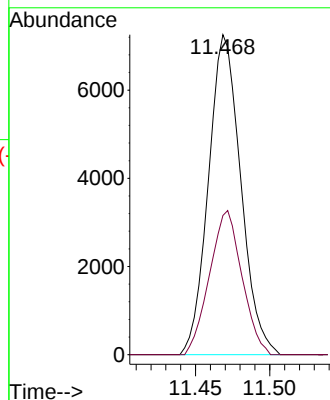
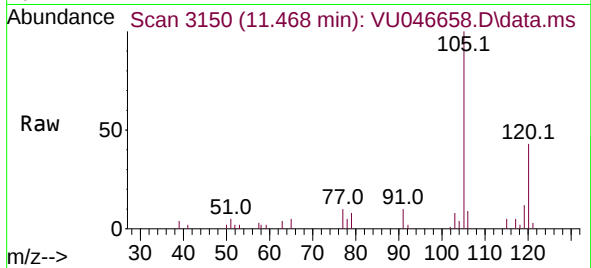




#63
1,2,4-Trimethylbenzene
Concen: 3.873 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

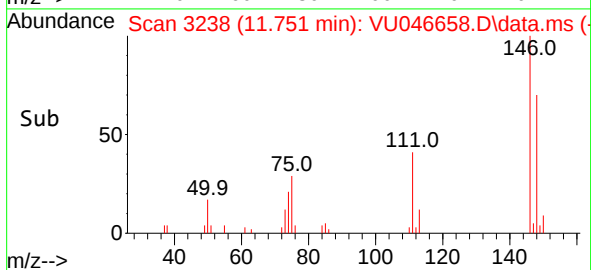
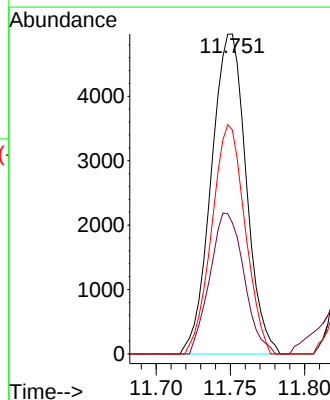
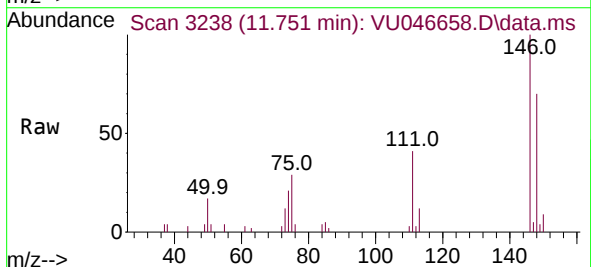
Instrument :
MSVOA_U
ClientSampleId :
VSTD005037

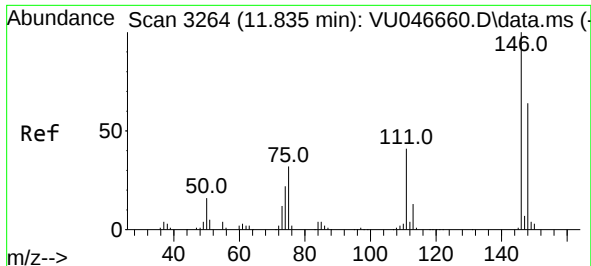
Tgt Ion:105 Resp: 10981
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 4.988 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion:146 Resp: 8103
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 70.0 45.8 85.2

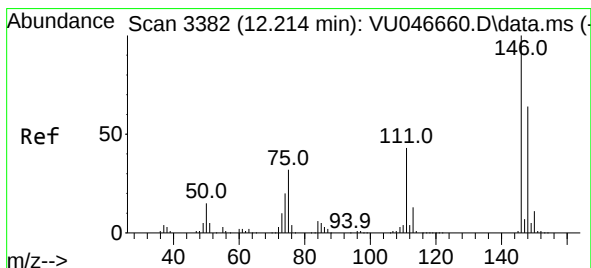
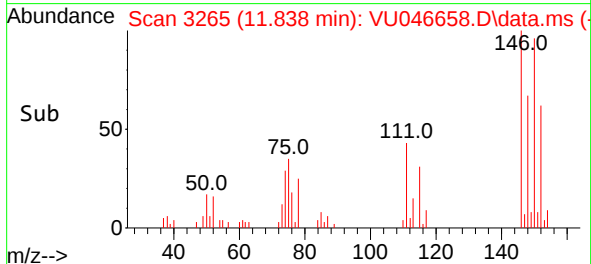
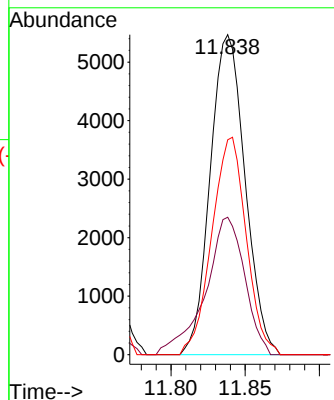
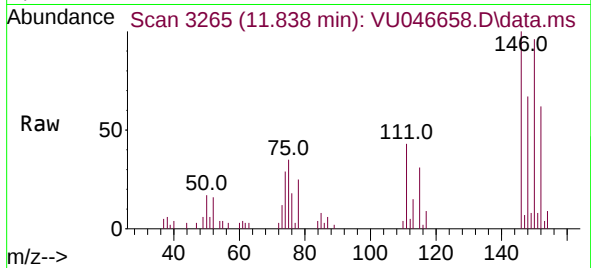




#65
1,4-Dichlorobenzene
Concen: 5.317 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

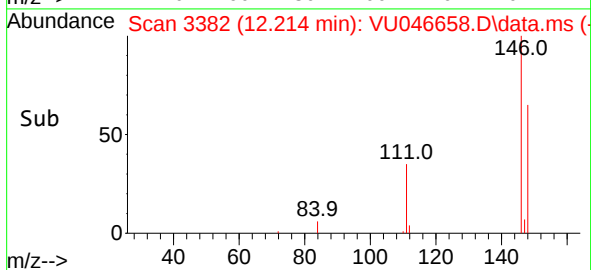
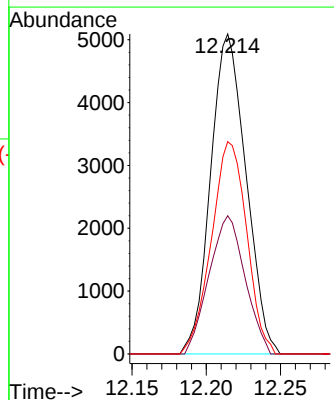
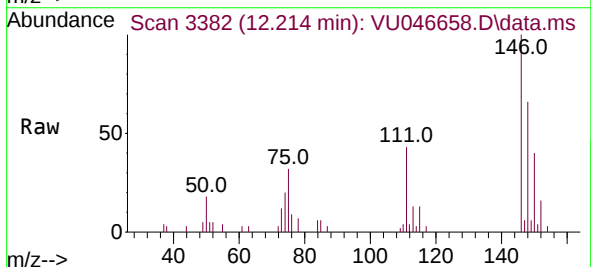
Instrument :
MSVOA_U
ClientSampleId :
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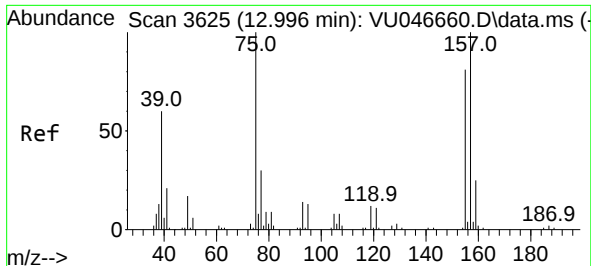
Tgt Ion:146 Resp: 8930
Ion Ratio Lower Upper
146 100
111 43.0 28.9 53.7
148 67.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 5.153 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion:146 Resp: 8440
Ion Ratio Lower Upper
146 100
111 43.2 34.2 51.4
148 66.4 51.3 76.9

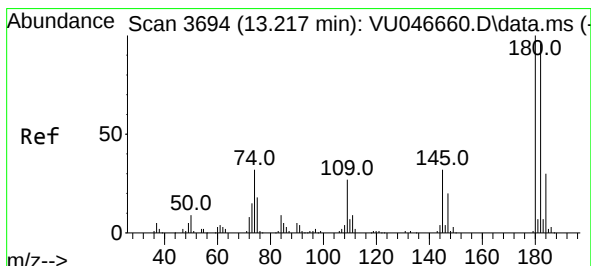
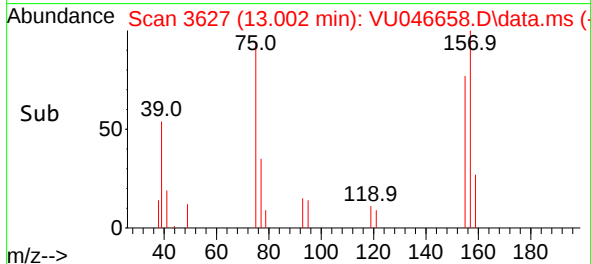
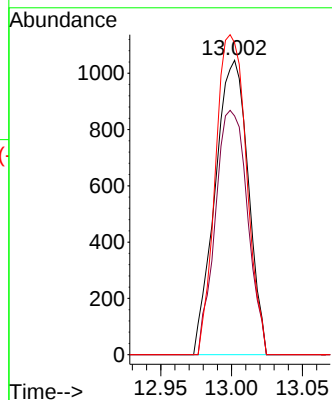
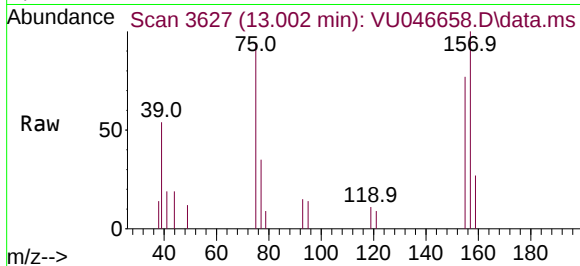




#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.404 ug/L
 RT: 13.002 min Scan# 3627
 Delta R.T. 0.007 min
 Lab File: VU046658.D
 Acq: 05 Jan 2022 11:55

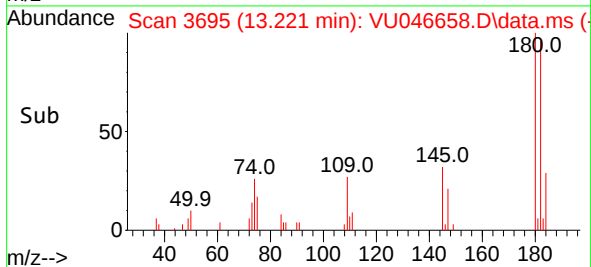
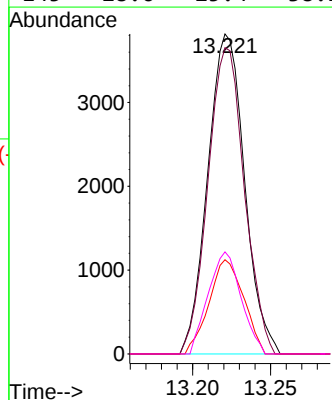
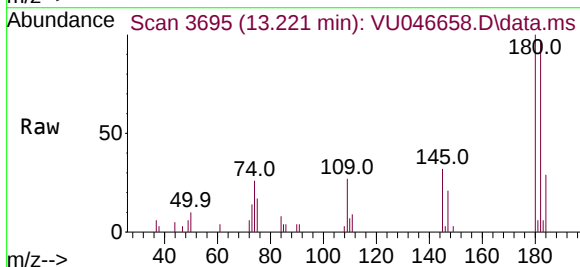
Instrument :
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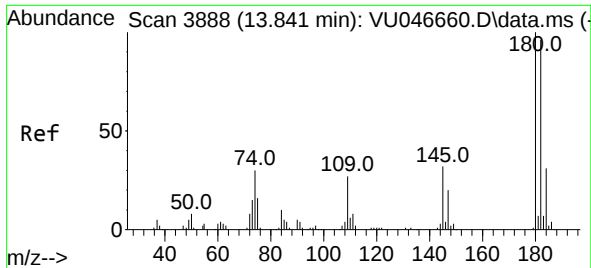
Tgt Ion: 75 Resp: 1701
 Ion Ratio Lower Upper
 75 100
 155 81.1 65.0 97.4
 157 105.9 79.7 119.5



#69
 1,3,5-Trichlorobenzene
 Concen: 5.270 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU046658.D
 Acq: 05 Jan 2022 11:55

Tgt Ion:180 Resp: 6265
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.0 115.6
 184 27.8 24.7 37.1
 145 28.6 25.4 38.2

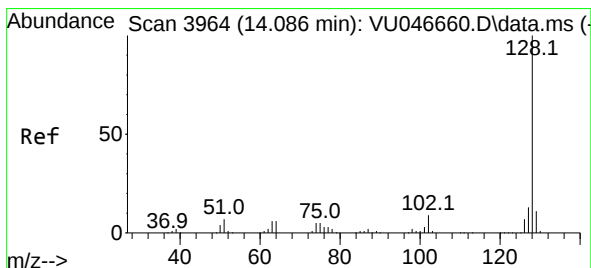
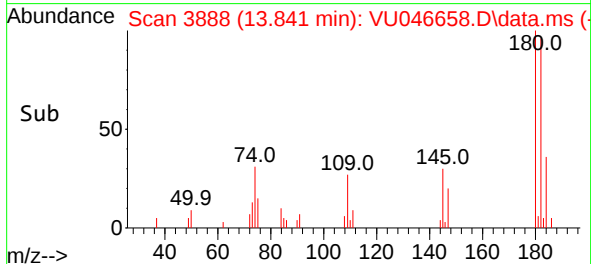
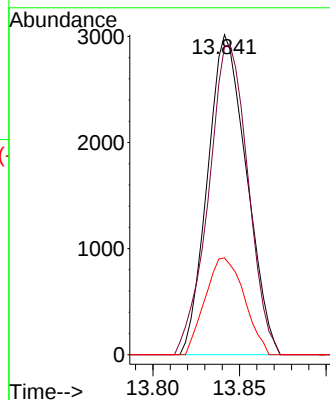
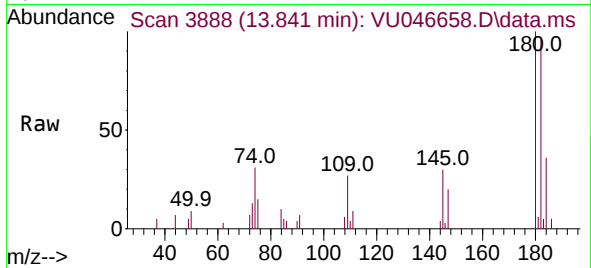




#70
1,2,4-trichlorobenzene
Concen: 4.472 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

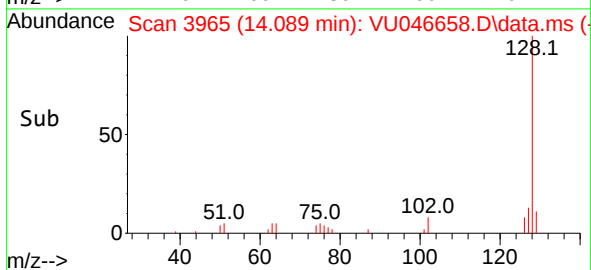
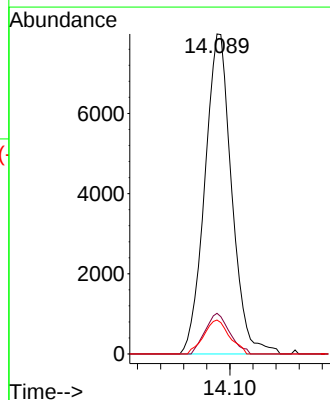
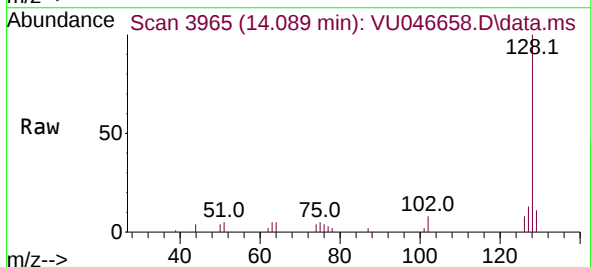
Instrument :
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ClientSampleId :
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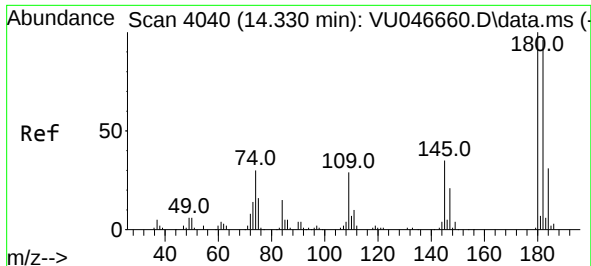
Tgt Ion:180 Resp: 4723
Ion Ratio Lower Upper
180 100
182 98.0 76.6 114.8
145 30.3 25.2 37.8



#71
Naphthalene
Concen: 3.543 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046658.D
Acq: 05 Jan 2022 11:55

Tgt Ion:128 Resp: 12896
Ion Ratio Lower Upper
128 100
127 11.6 10.1 15.1
129 10.1 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 4.367 ug/L

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU046658.D

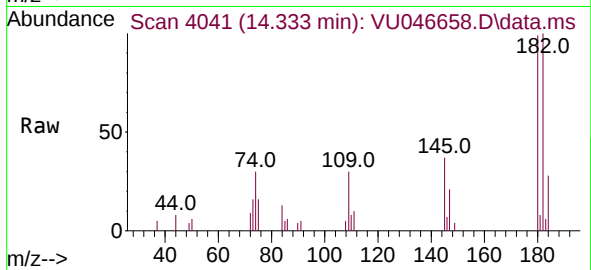
Acq: 05 Jan 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005037



Tgt Ion:180 Resp: 4694

Ion Ratio Lower Upper

180 100

182 97.2 76.6 115.0

145 35.4 27.4 41.2

