

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046659.D
 Acq On : 05 Jan 2022 12:18
 Operator : SY/MD
 Sample : VSTD01038
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010038

Quant Time: Jan 06 02:20:42 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	183010	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	14621	9.655	ug/L	0.00
7) Chloroethane-d5	1.919	69	11164	9.652	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	25875	9.591	ug/L	0.00
21) 2-Butanone-d5	4.655	46	21370	17.880	ug/L	0.01
24) Chloroform-d	5.066	84	26605	10.475	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	16981	10.012	ug/L	0.00
32) Benzene-d6	5.732	84	52464	10.156	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	15979	10.027	ug/L	0.00
41) Toluene-d8	7.899	98	46397	9.880	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	7222	9.336	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	14993	18.958	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	24110	9.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	17856	10.174	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	17139	8.902	ug/L	99
3) Chloromethane	1.523	50	15655	9.064	ug/L	96
5) Vinyl chloride	1.610	62	15587	8.887	ug/L	98
6) Bromomethane	1.864	94	10213	10.114	ug/L	99
8) Chloroethane	1.941	64	9889	9.740	ug/L	97
9) Trichlorofluoromethane	2.147	101	23662	10.197	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	13346	10.147	ug/L	96
12) 1,1-Dichloroethene	2.587	96	12204	9.773	ug/L	93
13) Acetone	2.674	43	22339	15.664	ug/L	65
14) Carbon disulfide	2.803	76	37235	9.680	ug/L	100
15) Methyl Acetate	2.964	43	14523	8.527	ug/L	99
16) Methylene chloride	3.054	84	15636	10.457	ug/L	97
17) trans-1,2-Dichloroethene	3.362	96	12629	9.581	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	36780	9.063	ug/L	99
19) 1,1-Dichloroethane	3.877	63	24261	10.089	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	13266	9.245	ug/L	100
22) 2-Butanone	4.732	43	23137	14.799	ug/L	95
23) Bromochloromethane	4.980	128	7492	10.218	ug/L	94
25) Chloroform	5.092	83	26001	9.734	ug/L	98
27) 1,2-Dichloroethane	5.800	62	20275	10.160	ug/L	100
29) Cyclohexane	5.394	56	17787	8.672	ug/L	99
30) 1,1,1-Trichloroethane	5.320	97	22377	10.189	ug/L	98
31) Carbon tetrachloride	5.529	117	18985	10.201	ug/L	98
33) Benzene	5.777	78	54646	10.125	ug/L	100
34) Trichloroethene	6.546	95	14173	10.028	ug/L	98
35) Methylcyclohexane	6.767	83	20783	9.488	ug/L	97
37) 1,2-Dichloropropane	6.796	63	14422	10.234	ug/L	# 97
38) Bromodichloromethane	7.108	83	18682	9.912	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	19296	8.974	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	35300	17.309	ug/L	97
42) Toluene	7.973	91	56118	9.691	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	18998	9.102	ug/L	97

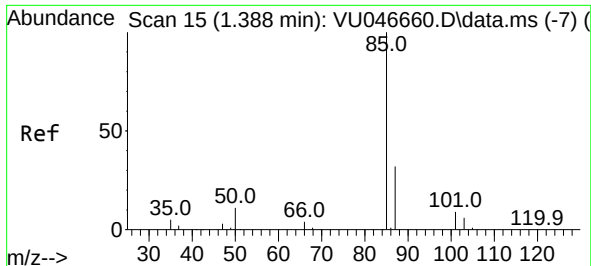
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	14369	10.114	ug/L	98
46) Tetrachloroethene	8.555	164	10383	9.926	ug/L	96
48) 2-Hexanone	8.690	43	32033	17.728	ug/L	95
49) Dibromochloromethane	8.809	129	15070	10.090	ug/L	99
50) 1,2-Dibromoethane	8.928	107	14441	9.457	ug/L	99
51) Chlorobenzene	9.449	112	37235	9.937	ug/L	97
52) Ethylbenzene	9.571	91	57564	9.302	ug/L	100
53) m,p-Xylene	9.693	106	22334	9.254	ug/L	95
54) o-xylene	10.102	106	20687	8.828	ug/L	99
55) Styrene	10.115	104	35883	8.967	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	24457	9.986	ug/L	96
59) Bromoform	10.291	173	11261	10.505	ug/L #	97
60) 1,2,3-Trichloropropane	10.825	75	20128	10.158	ug/L	97
61) Isopropylbenzene	10.484	105	56266	9.641	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	42901	8.824	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	41727	8.583	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	28331	10.170	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	29814	10.351	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	28407	10.115	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5724	10.604	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	21106	10.355	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	17266	9.533	ug/L	99
71) Naphthalene	14.089	128	48563	7.780	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	17820	9.669	ug/L	99

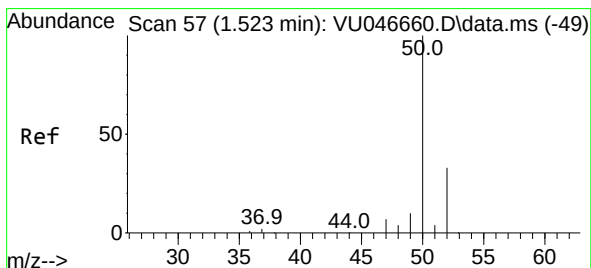
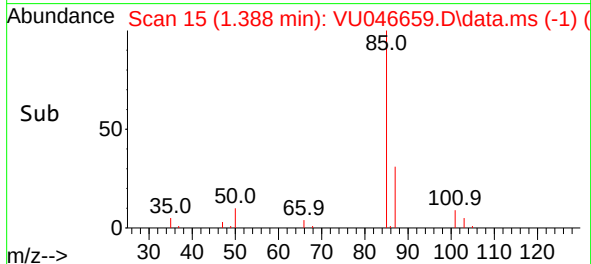
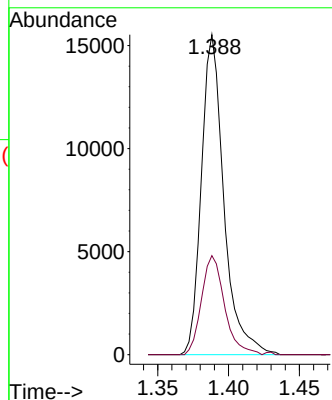
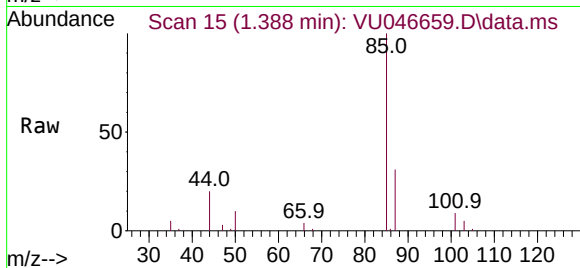
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 8.902 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

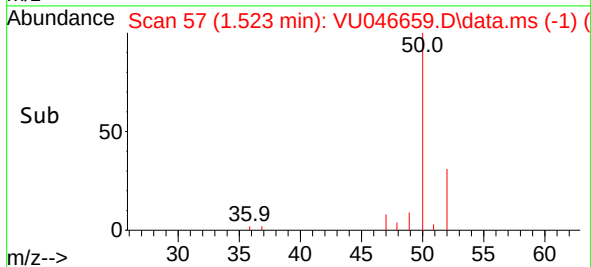
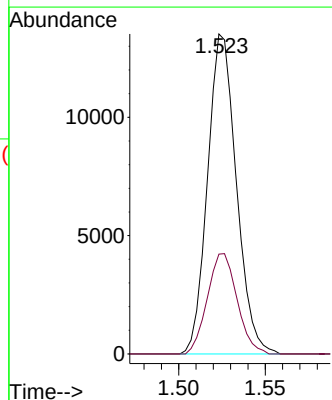
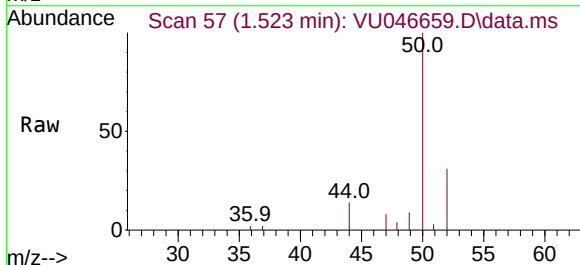
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

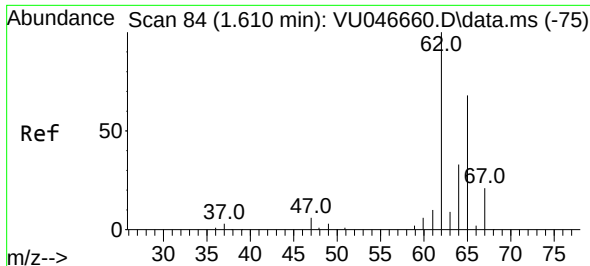
Tgt Ion: 85 Resp: 17139
Ion Ratio Lower Upper
85 100
87 31.6 25.6 38.4



#3
Chloromethane
Concen: 9.064 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 50 Resp: 15655
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.2

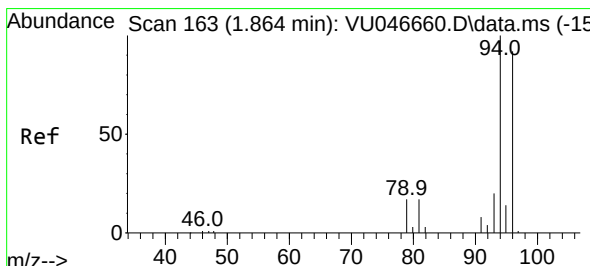
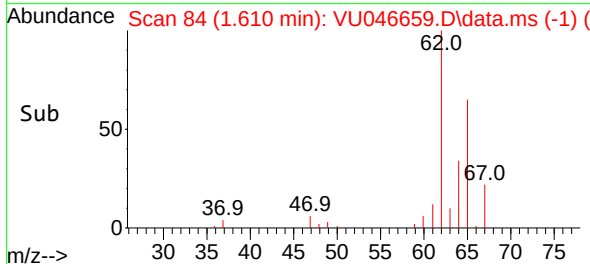
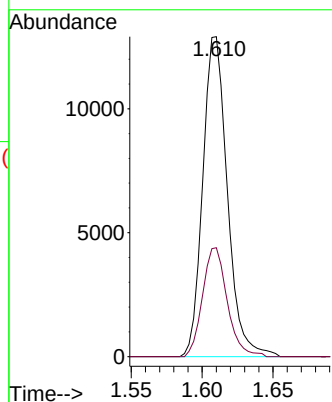
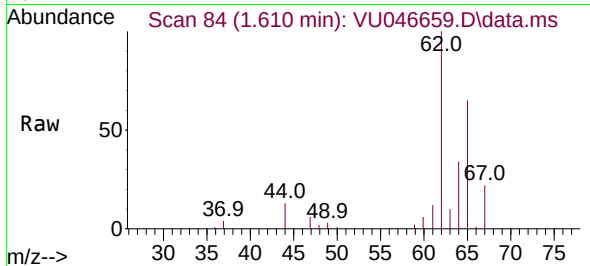




#5
 Vinyl chloride
 Concen: 8.887 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU046659.D
 Acq: 05 Jan 2022 12:18

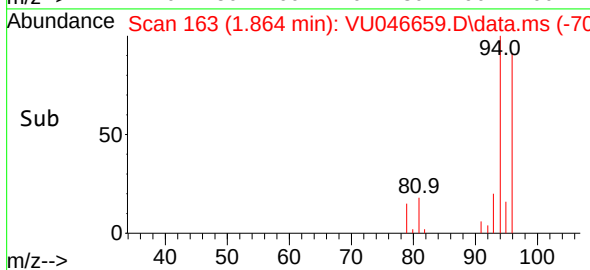
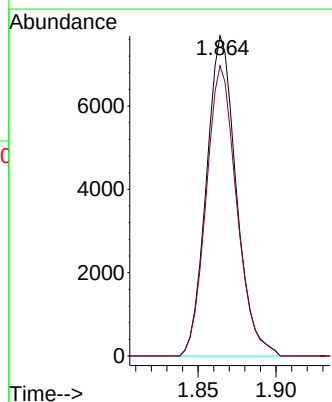
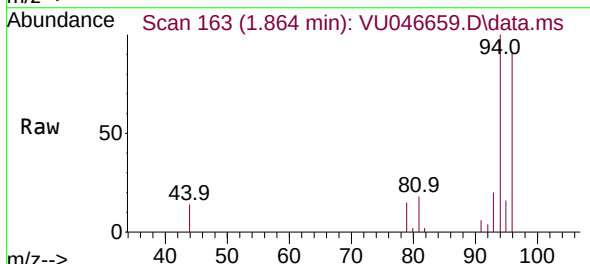
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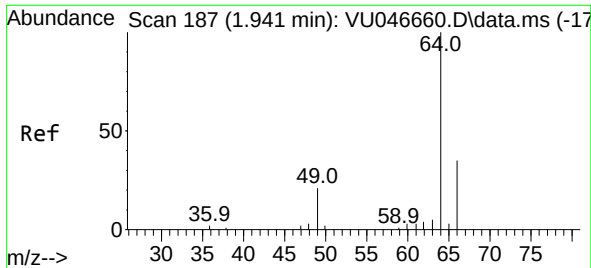
Tgt Ion: 62 Resp: 15587
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.1 42.9



#6
 Bromomethane
 Concen: 10.114 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046659.D
 Acq: 05 Jan 2022 12:18

Tgt Ion: 94 Resp: 10213
 Ion Ratio Lower Upper
 94 100
 96 90.7 64.4 119.6

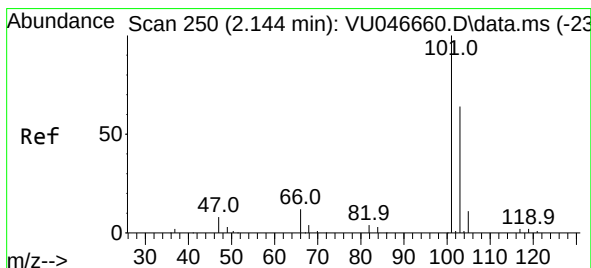
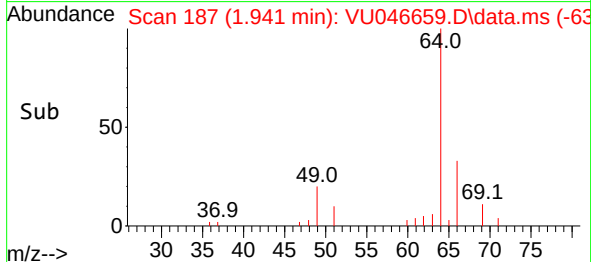
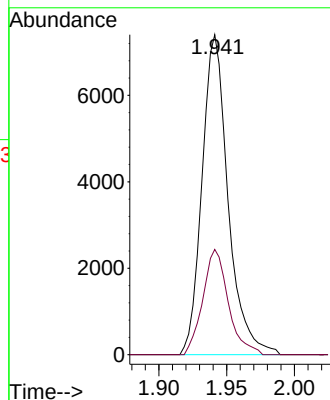
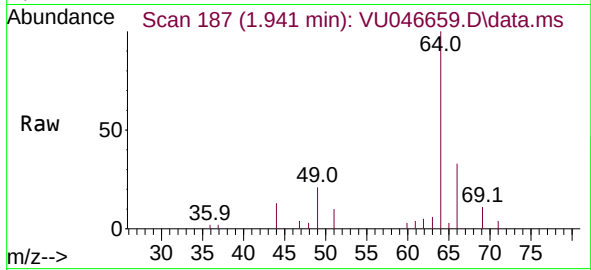




#8
Chloroethane
Concen: 9.740 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

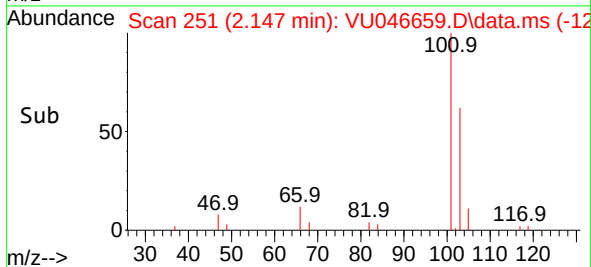
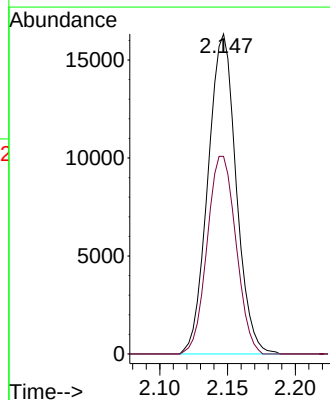
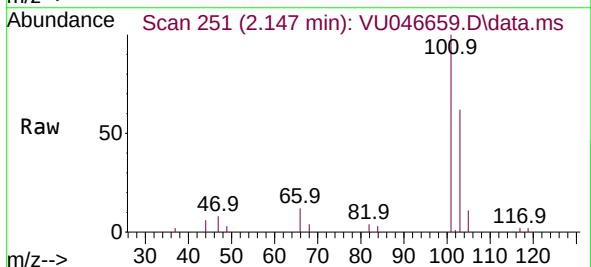
Instrument :
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ClientSampleId :
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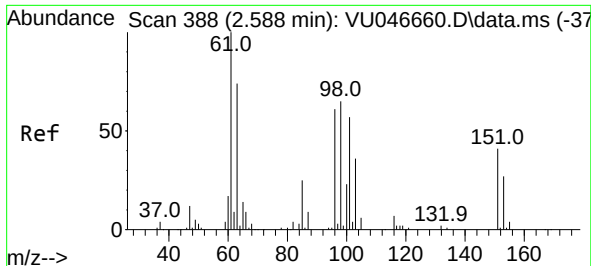
Tgt Ion: 64 Resp: 9889
Ion Ratio Lower Upper
64 100
66 32.9 24.4 45.2



#9
Trichlorofluoromethane
Concen: 10.197 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:101 Resp: 23662
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

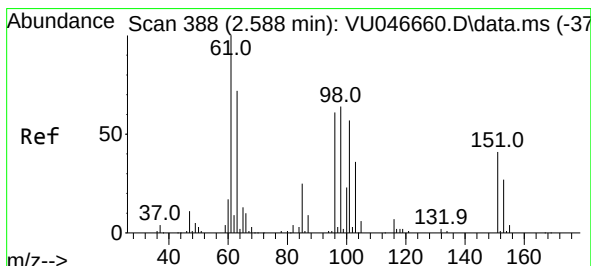
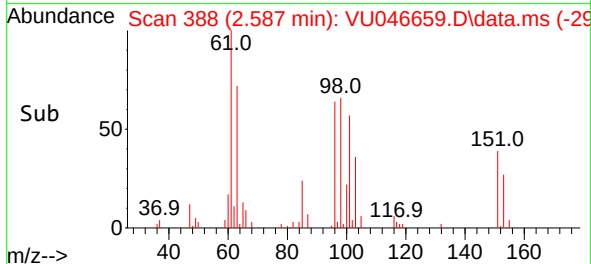
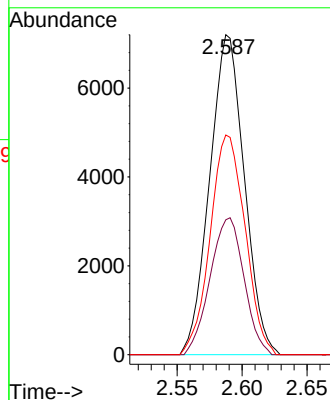
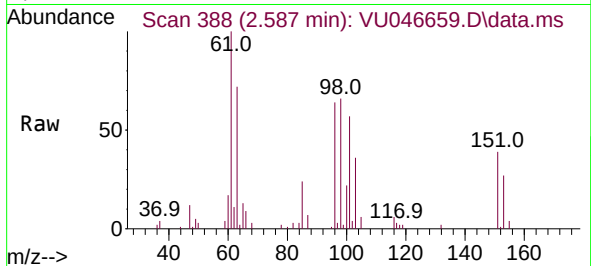




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.147 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

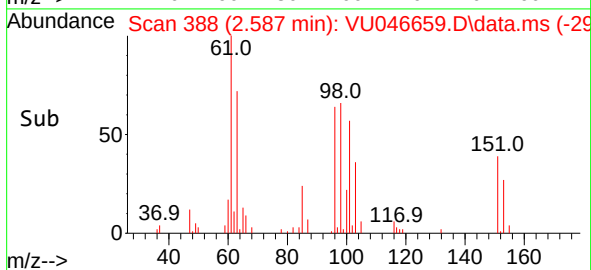
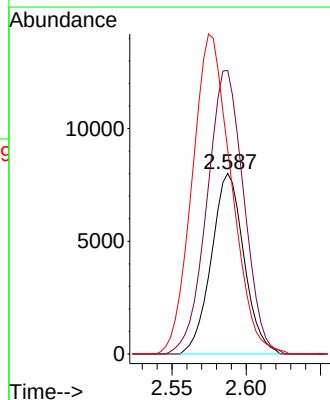
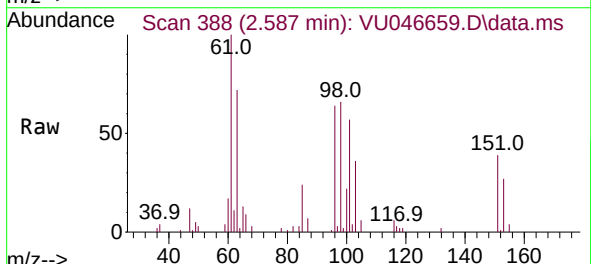
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

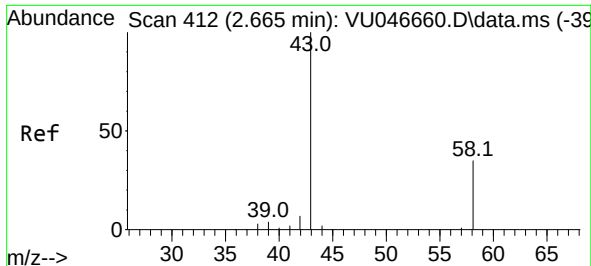
Tgt Ion:101 Resp: 13346
Ion Ratio Lower Upper
101 100
85 41.9 34.9 52.3
151 69.3 58.3 87.5



#12
1,1-Dichloroethene
Concen: 9.773 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 96 Resp: 12204
Ion Ratio Lower Upper
96 100
61 157.1 114.9 213.3
63 113.2 86.0 159.8





#13

Acetone

Concen: 15.664 ug/L

RT: 2.674 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

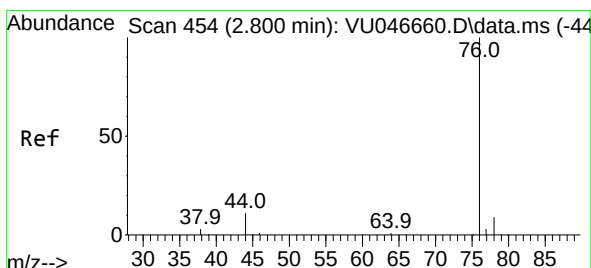
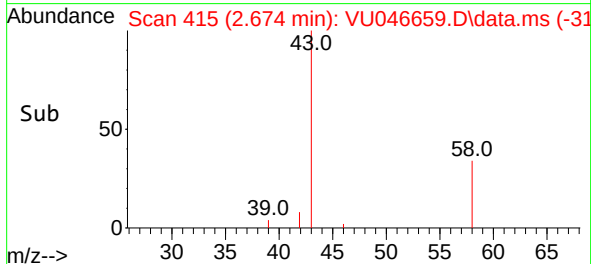
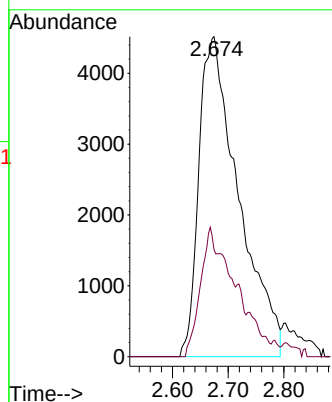
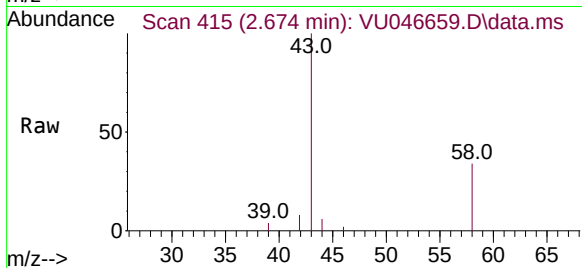
VSTD010038

Tgt Ion: 43 Resp: 22339

Ion Ratio Lower Upper

43 100

58 14.9 0.0 71.0



#14

Carbon disulfide

Concen: 9.680 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU046659.D

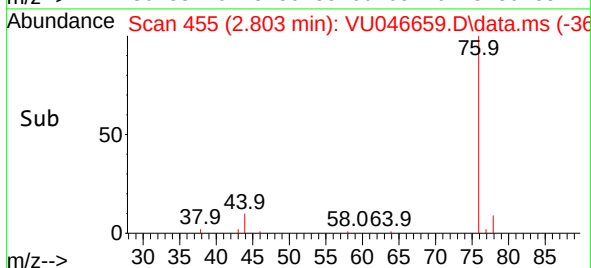
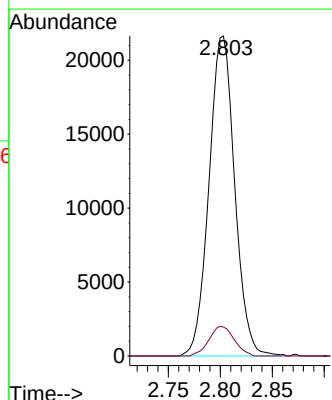
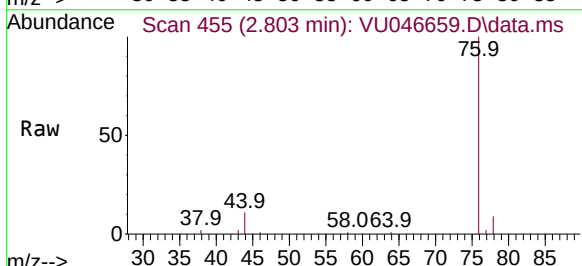
Acq: 05 Jan 2022 12:18

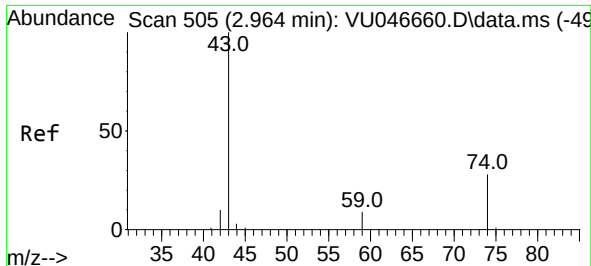
Tgt Ion: 76 Resp: 37235

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

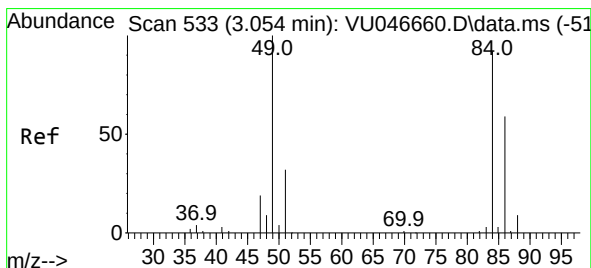
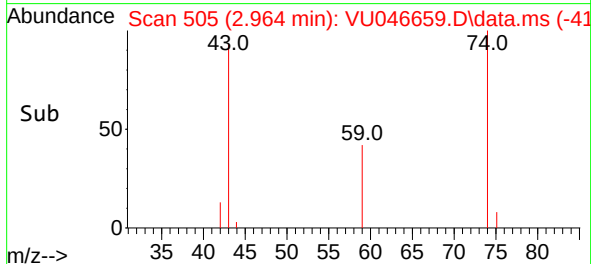
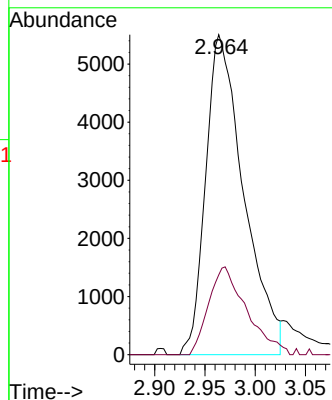
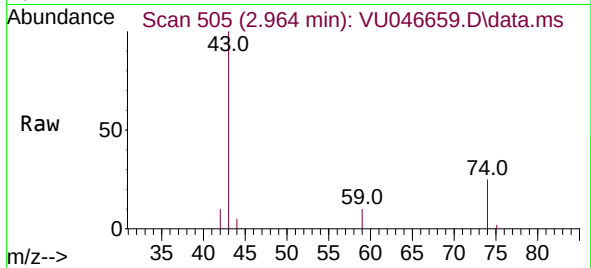




#15
Methyl Acetate
Concen: 8.527 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

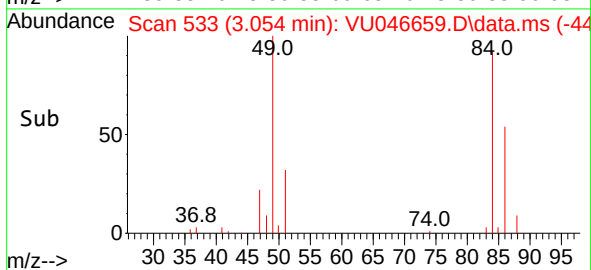
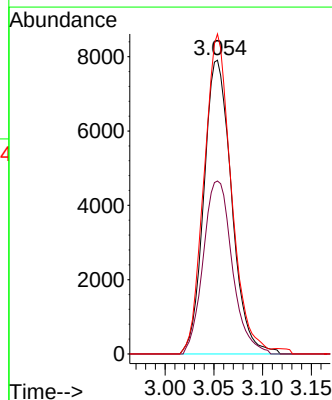
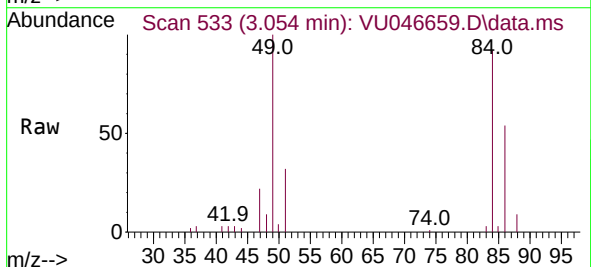
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MSVOA_U
ClientSampleId :
VSTD010038

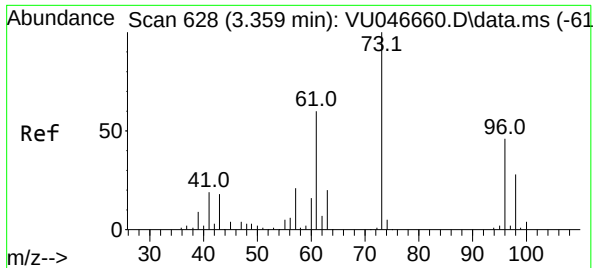
Tgt Ion: 43 Resp: 14523
Ion Ratio Lower Upper
43 100
74 27.3 22.3 33.5



#16
Methylene chloride
Concen: 10.457 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 84 Resp: 15636
Ion Ratio Lower Upper
84 100
86 58.9 44.7 82.9
49 108.9 75.9 141.1

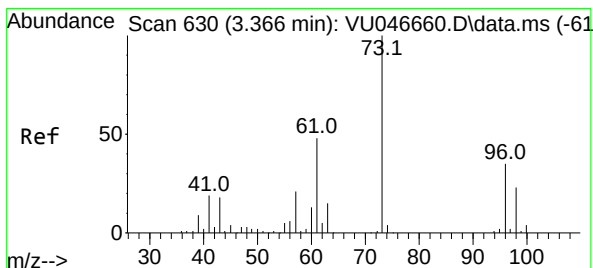
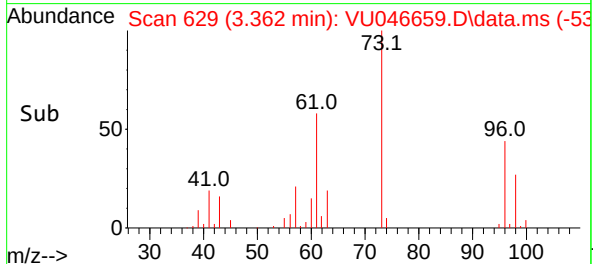
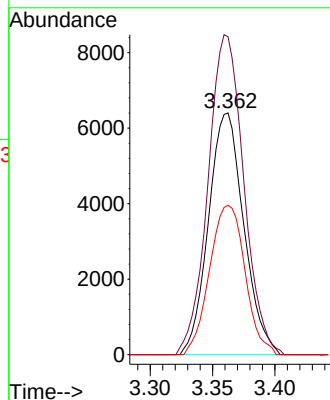
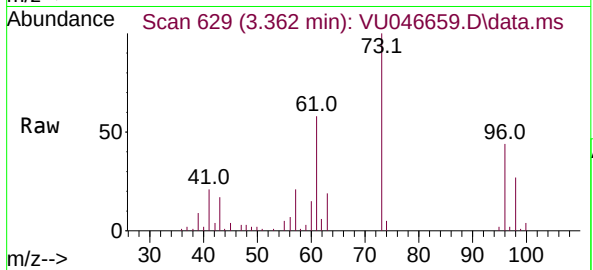




#17
trans-1,2-Dichloroethene
Concen: 9.581 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

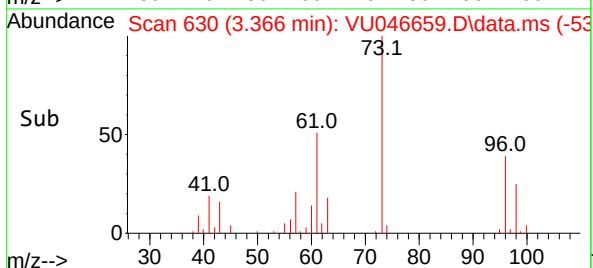
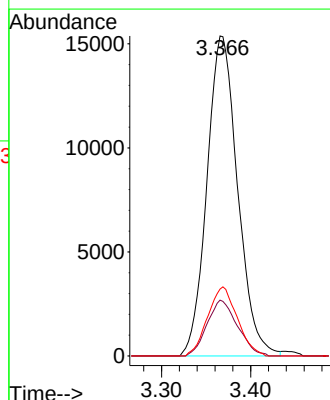
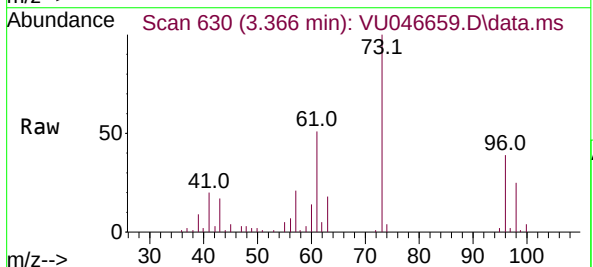
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

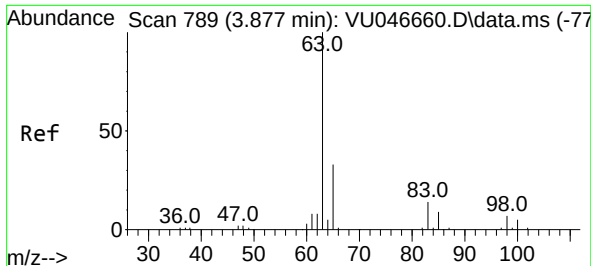
Tgt Ion: 96 Resp: 12629
Ion Ratio Lower Upper
96 100
61 131.5 92.5 171.9
98 61.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 9.063 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 73 Resp: 36780
Ion Ratio Lower Upper
73 100
43 17.2 14.1 21.1
57 20.8 16.4 24.6

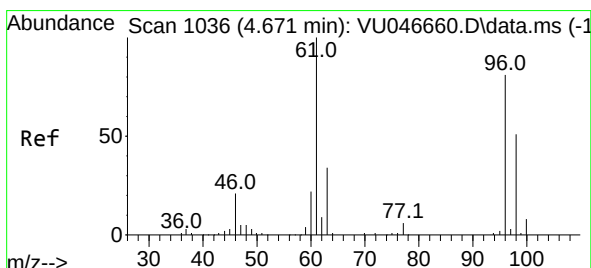
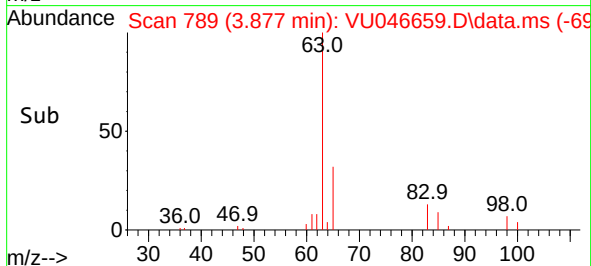
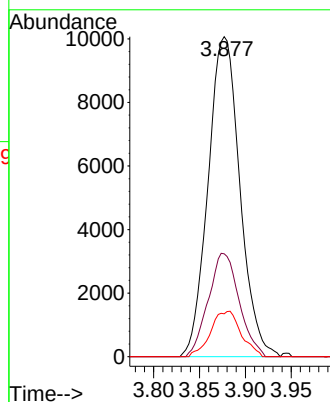
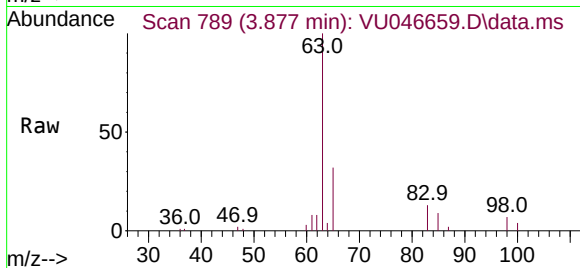




#19
1,1-Dichloroethane
Concen: 10.089 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

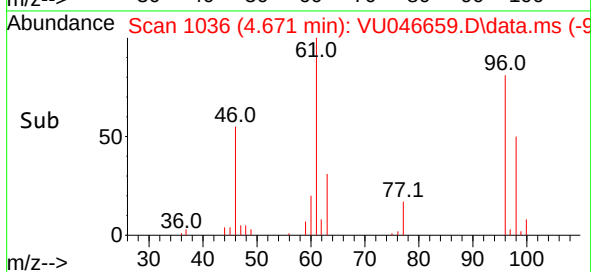
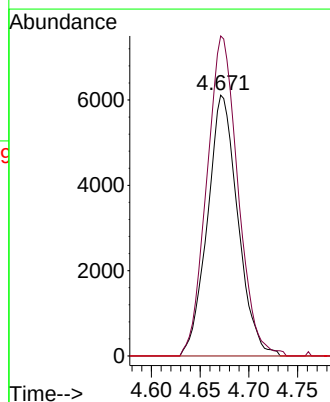
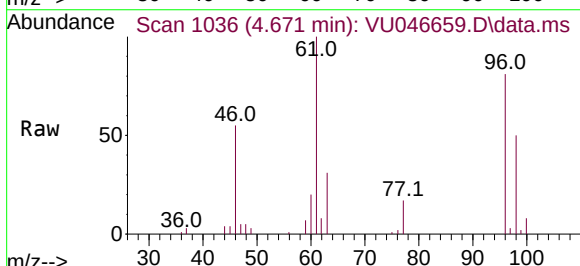
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

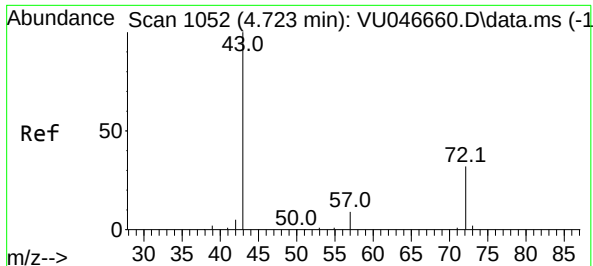
Tgt Ion:	63	Resp:	24261
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.8	42.4
83	13.4	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 9.245 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:	96	Resp:	13266
Ion	Ratio	Lower	Upper
96	100		
61	122.7	86.0	159.6
68	0.0	0.0	0.0

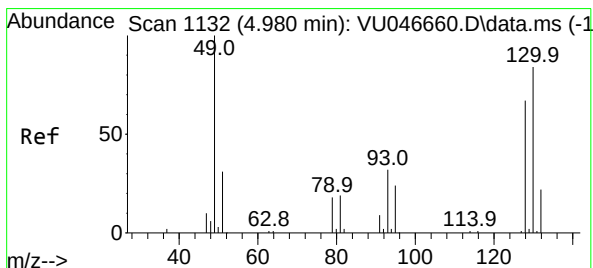
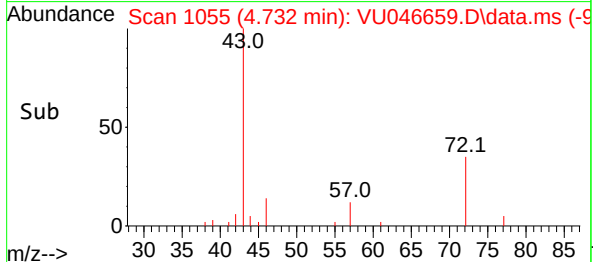
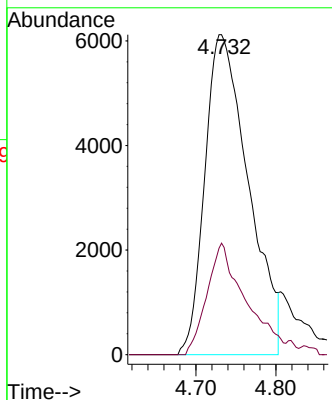
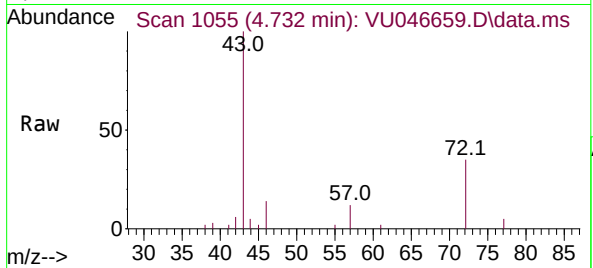




#22
2-Butanone
Concen: 14.799 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.010 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

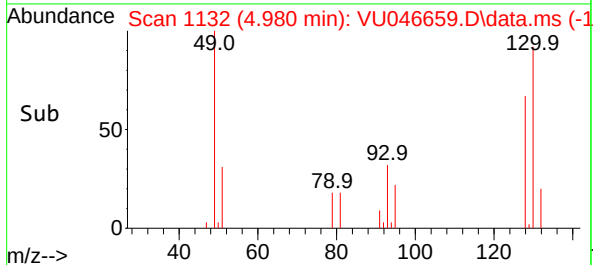
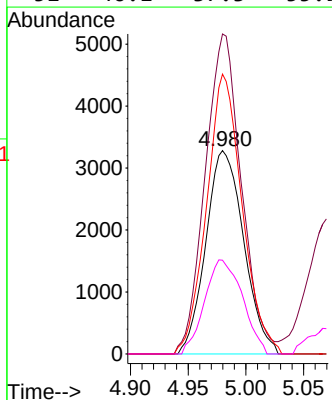
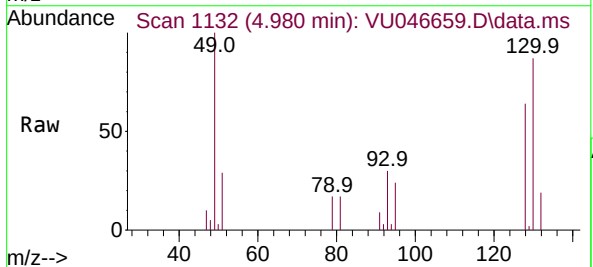
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

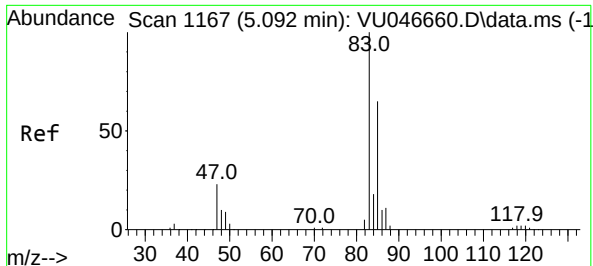
Tgt Ion: 43 Resp: 23137
Ion Ratio Lower Upper
43 100
72 28.5 15.6 46.8



#23
Bromochloromethane
Concen: 10.218 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:128 Resp: 7492
Ion Ratio Lower Upper
128 100
49 157.4 105.4 195.8
130 137.6 88.7 164.7
51 46.1 37.3 55.9





#25

Chloroform

Concen: 9.734 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

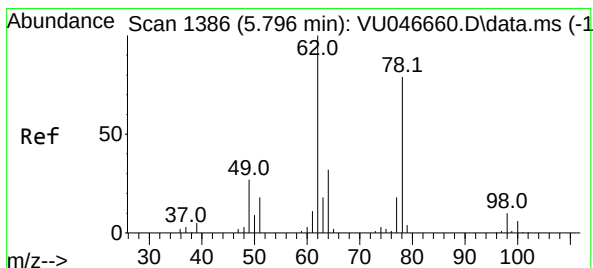
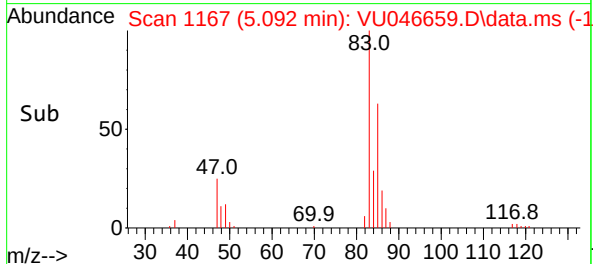
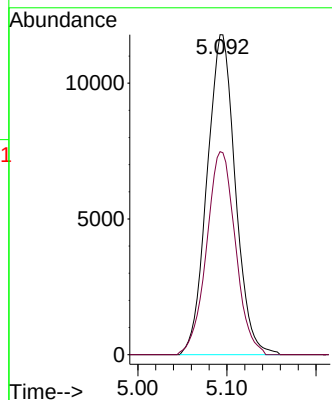
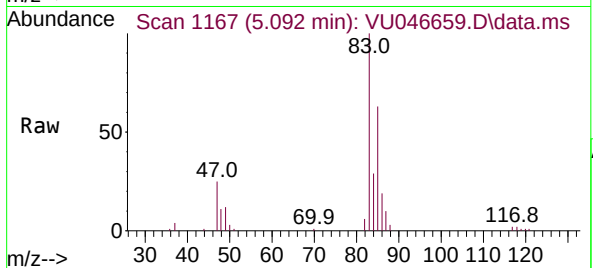
VSTD010038

Tgt Ion: 83 Resp: 26001

Ion Ratio Lower Upper

83 100

85 63.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 10.160 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU046659.D

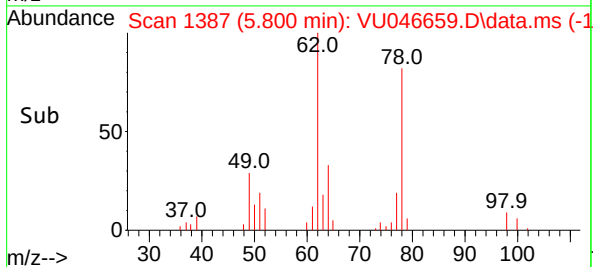
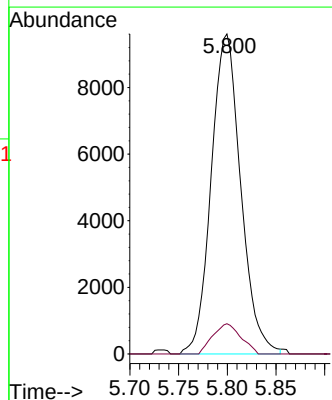
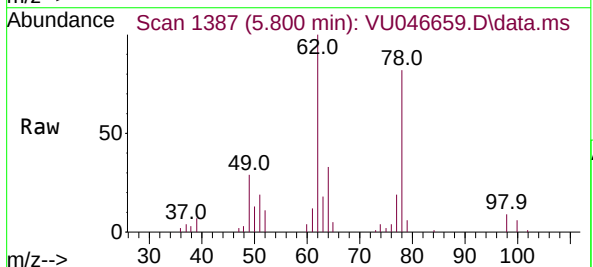
Acq: 05 Jan 2022 12:18

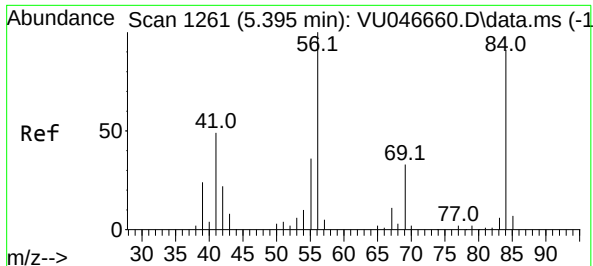
Tgt Ion: 62 Resp: 20275

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 8.672 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010038

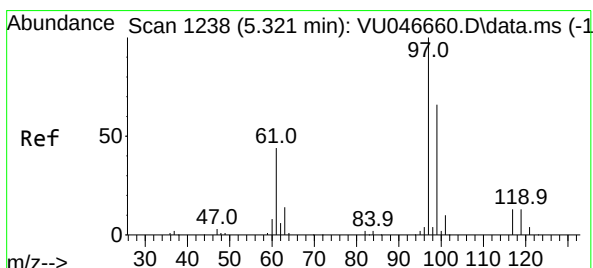
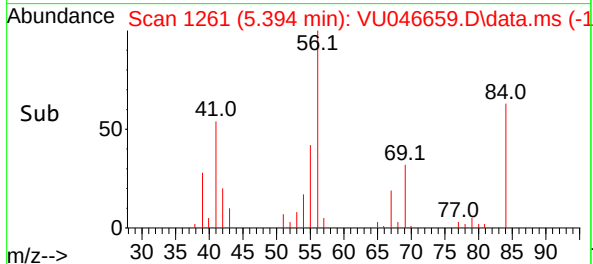
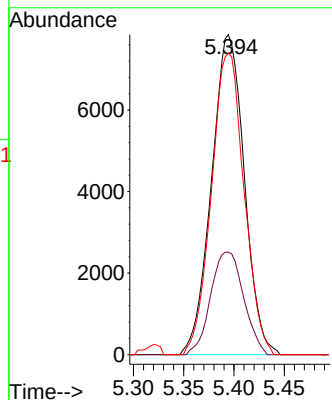
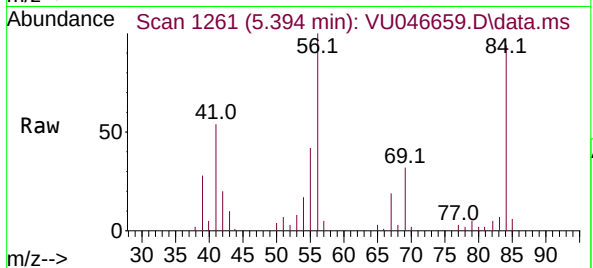
Tgt Ion: 56 Resp: 17787

Ion Ratio Lower Upper

56 100

69 32.2 25.8 38.6

84 93.7 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 10.189 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

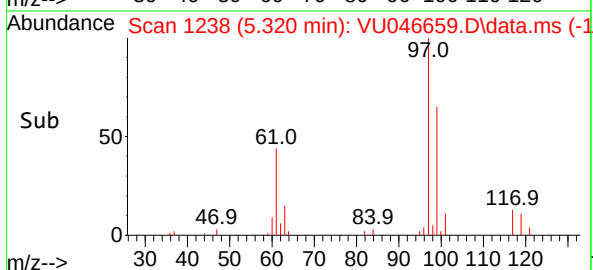
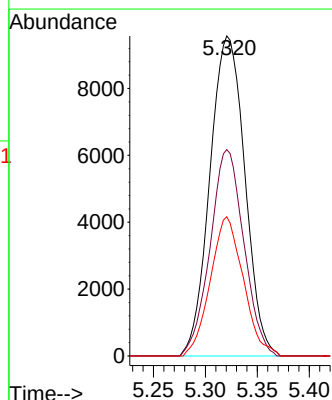
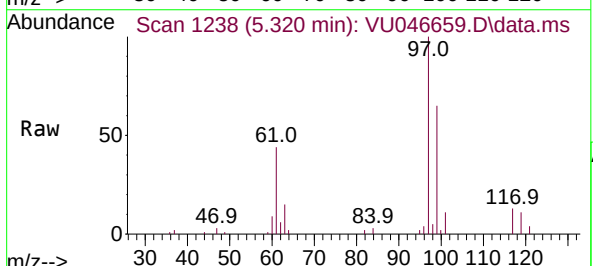
Tgt Ion: 97 Resp: 22377

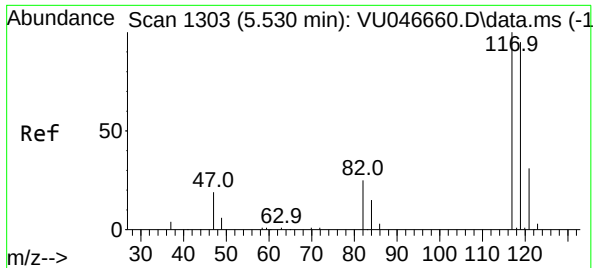
Ion Ratio Lower Upper

97 100

99 62.3 51.1 76.7

61 41.1 34.1 51.1

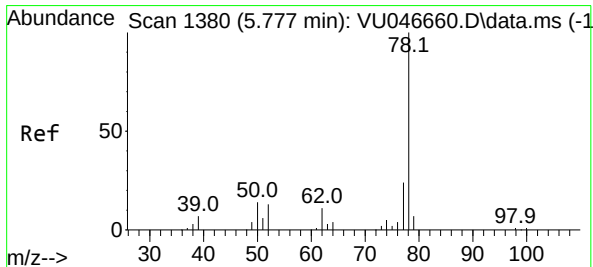
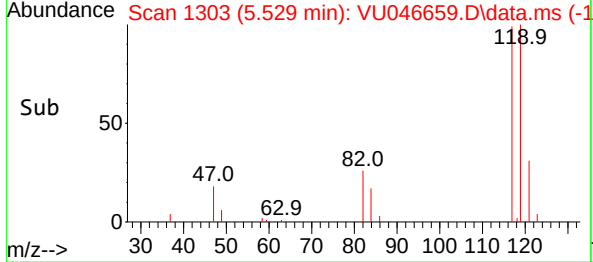
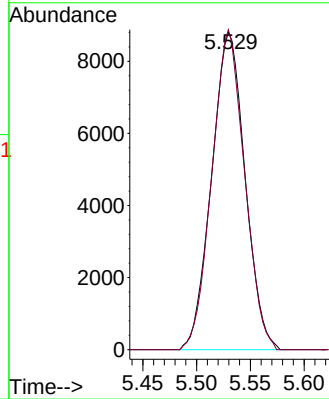
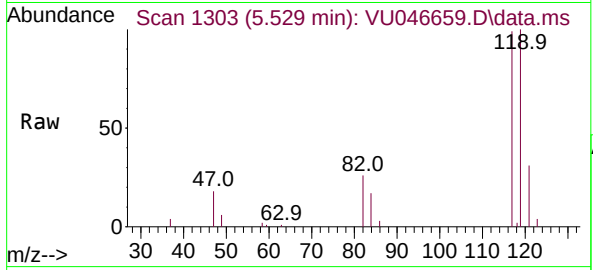




#31
Carbon tetrachloride
Concen: 10.201 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

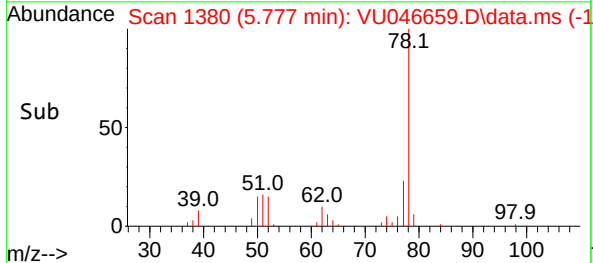
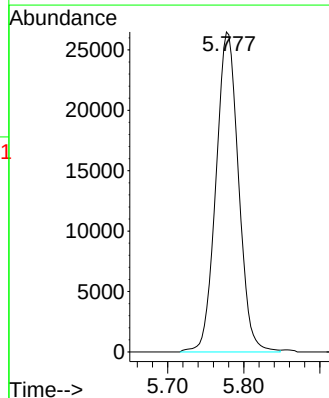
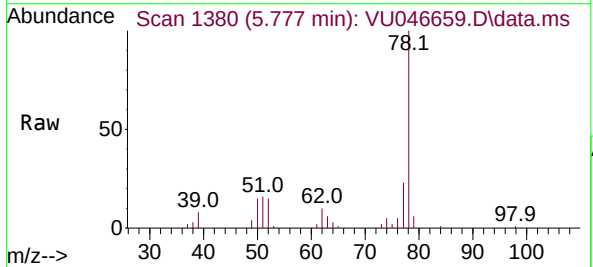
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

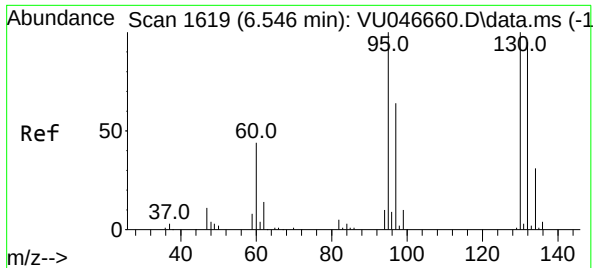
Tgt Ion:117 Resp: 18985
Ion Ratio Lower Upper
117 100
119 98.6 77.5 116.3



#33
Benzene
Concen: 10.125 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 78 Resp: 54646



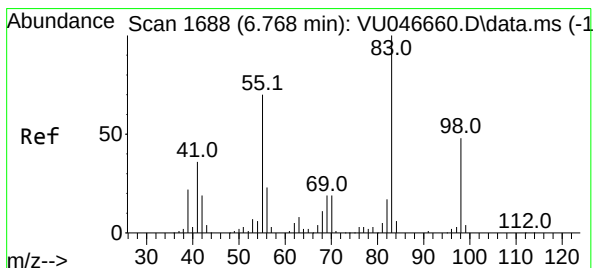
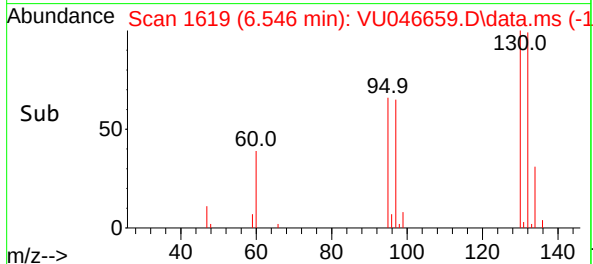
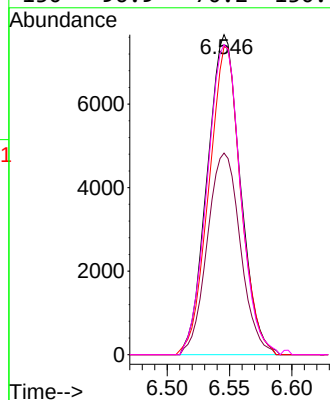
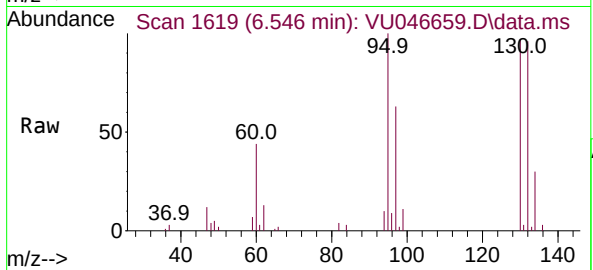


#34
Trichloroethene
Concen: 10.028 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

Tgt Ion: 95 Resp: 14173

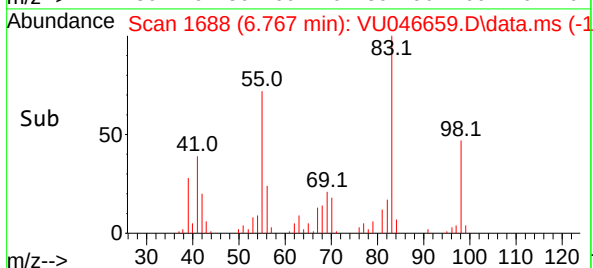
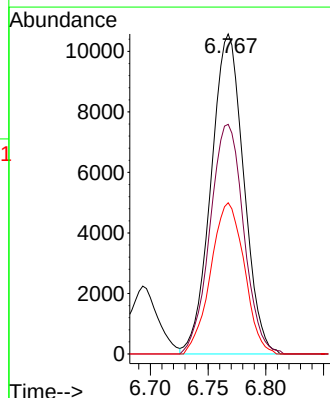
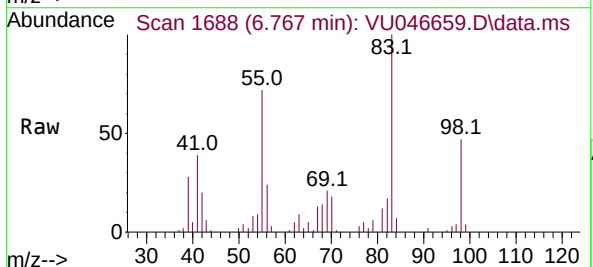
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.1	83.7
132	96.3	66.7	123.9
130	96.9	70.2	130.4

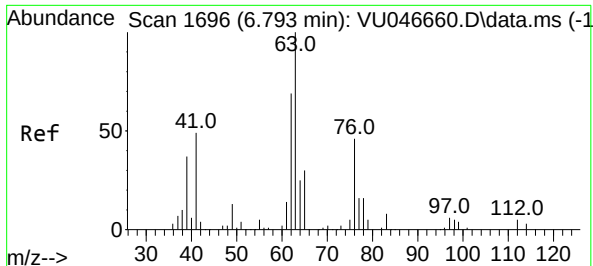


#35
Methylcyclohexane
Concen: 9.488 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 83 Resp: 20783

Ion	Ratio	Lower	Upper
83	100		
55	74.0	56.6	85.0
98	48.6	38.4	57.6





#37

1,2-Dichloropropane

Concen: 10.234 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

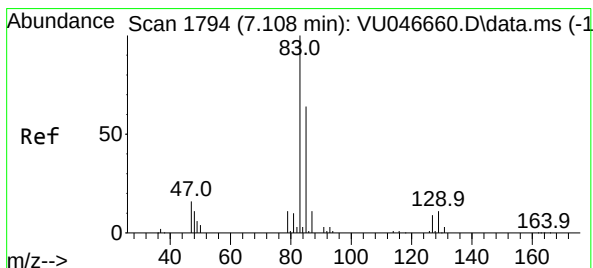
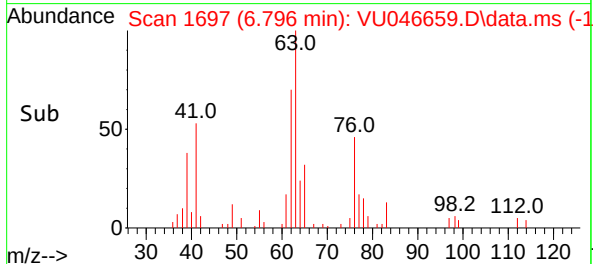
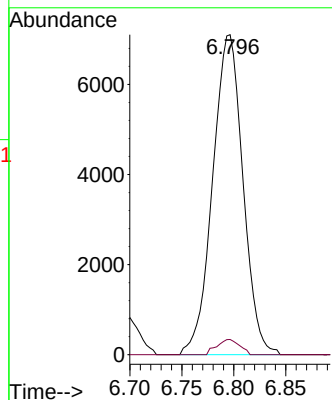
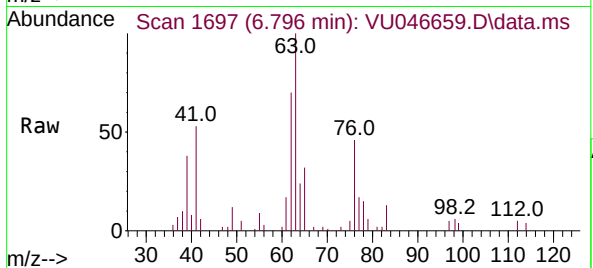
VSTD010038

Tgt Ion: 63 Resp: 14422

Ion Ratio Lower Upper

63 100

112 3.6 3.7 5.5#



#38

Bromodichloromethane

Concen: 9.912 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

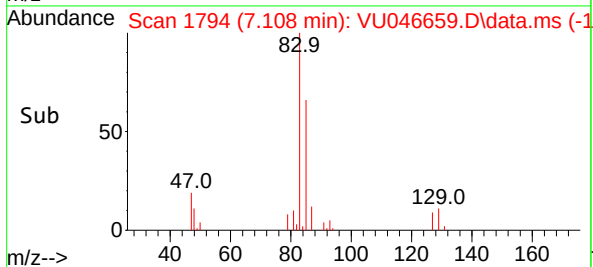
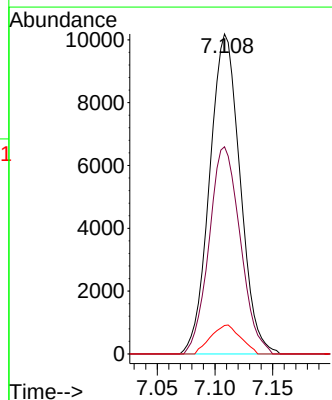
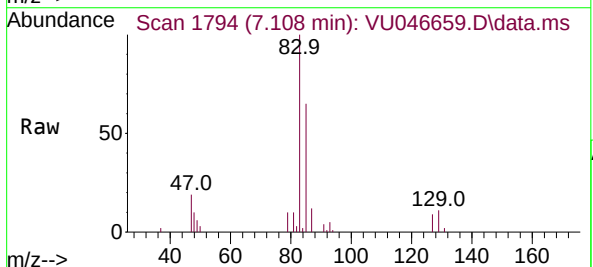
Tgt Ion: 83 Resp: 18682

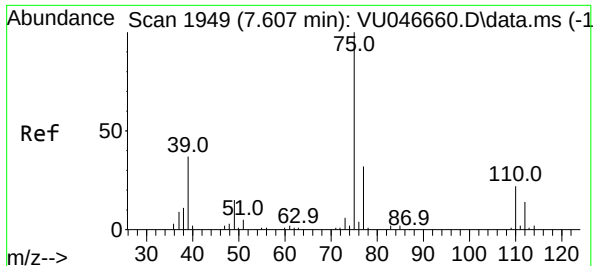
Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6

127 8.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 8.974 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

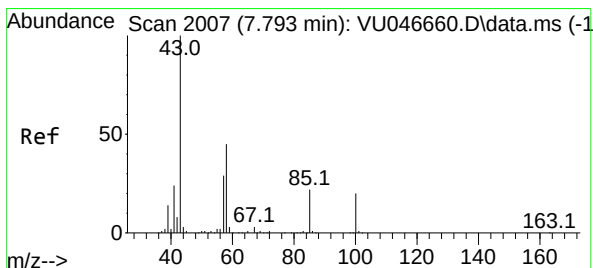
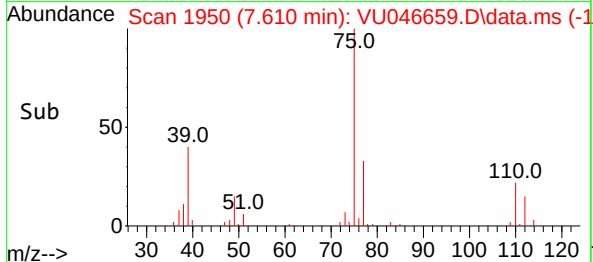
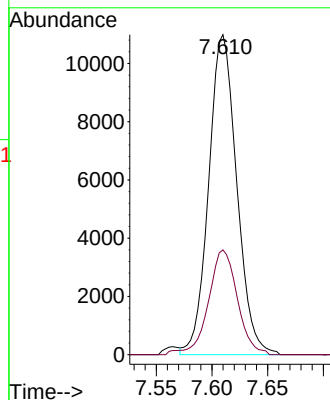
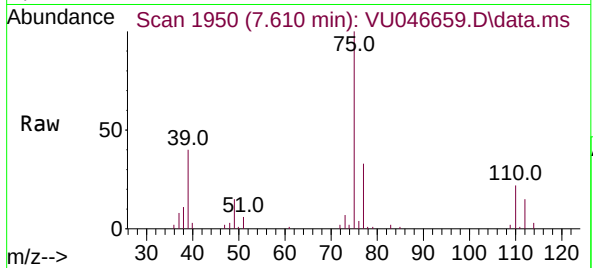
VSTD010038

Tgt Ion: 75 Resp: 19296

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 17.309 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

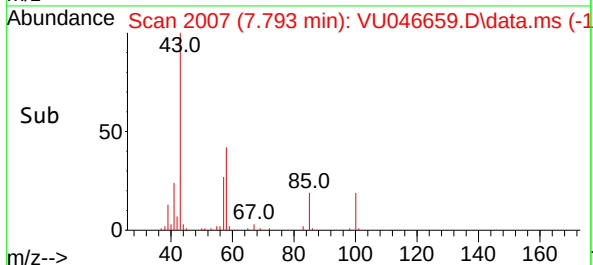
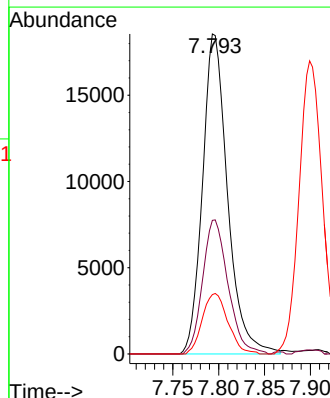
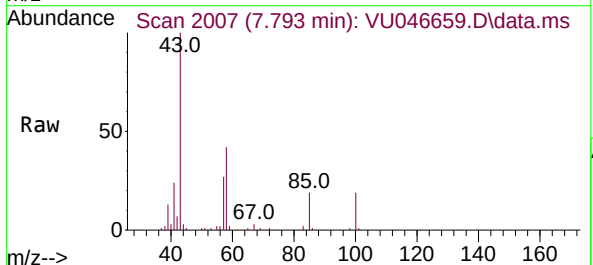
Tgt Ion: 43 Resp: 35300

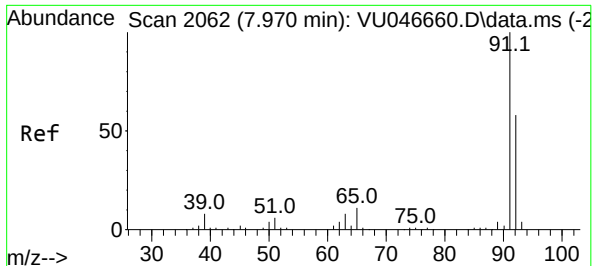
Ion Ratio Lower Upper

43 100

58 42.4 35.8 53.8

100 19.3 15.7 23.5





#42

Toluene

Concen: 9.691 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

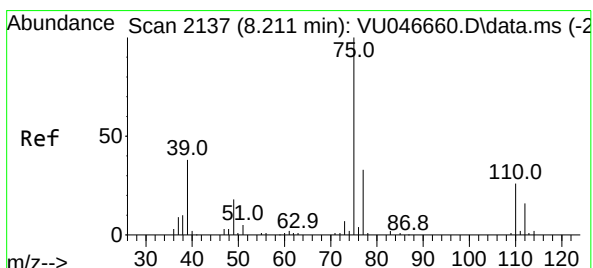
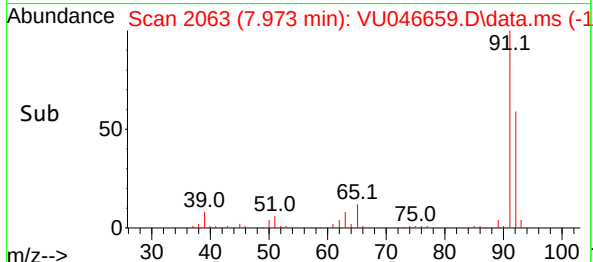
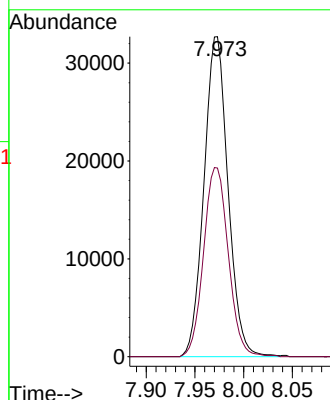
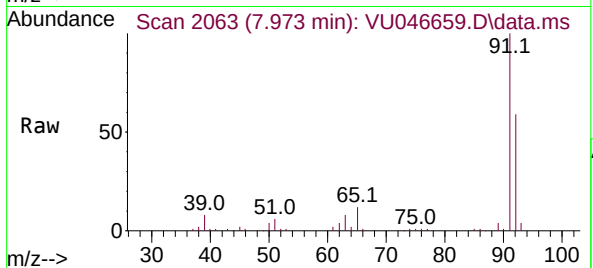
VSTD010038

Tgt Ion: 91 Resp: 56118

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 9.102 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046659.D

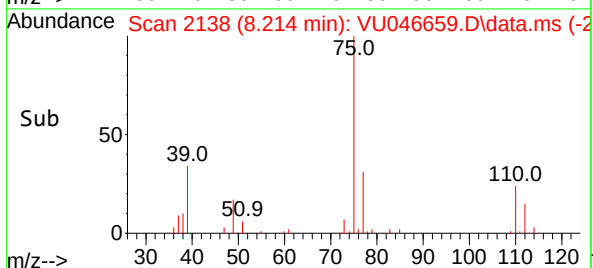
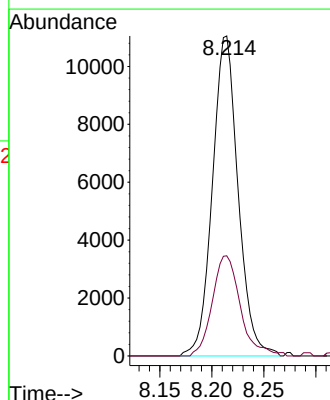
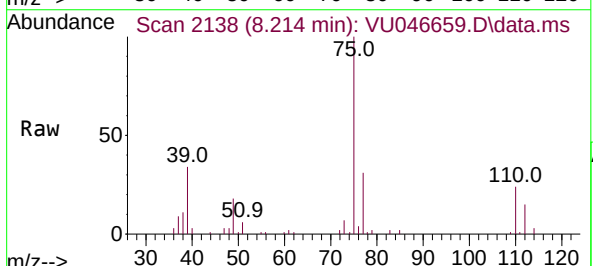
Acq: 05 Jan 2022 12:18

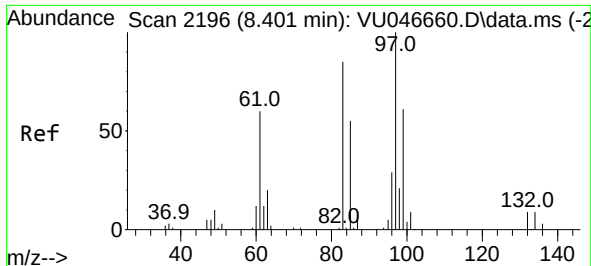
Tgt Ion: 75 Resp: 18998

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



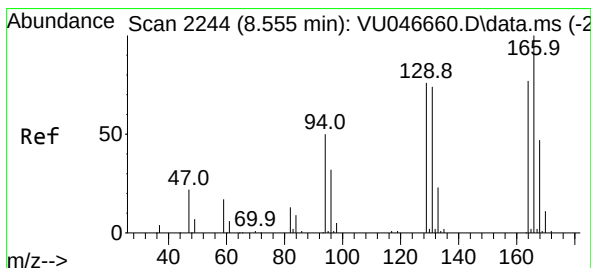
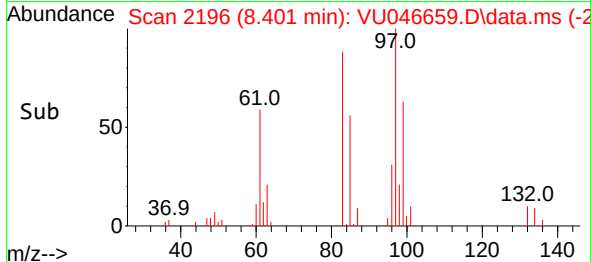
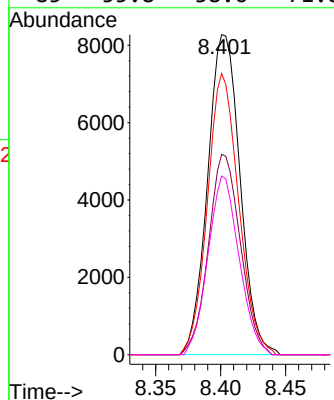
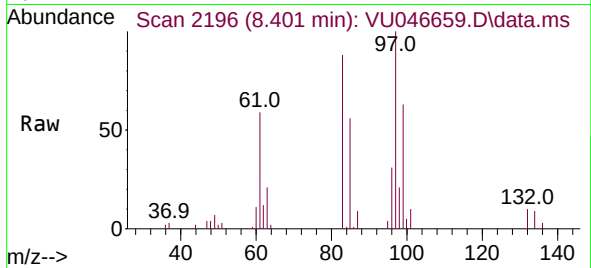


#45
1,1,2-Trichloroethane
Concen: 10.114 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

Tgt Ion: 97 Resp: 14369

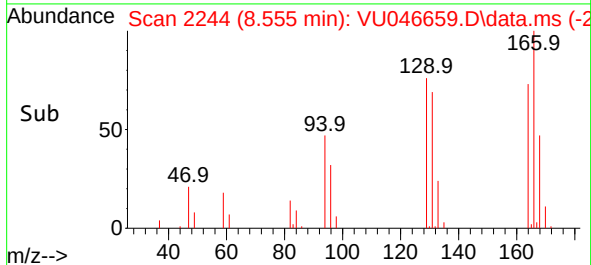
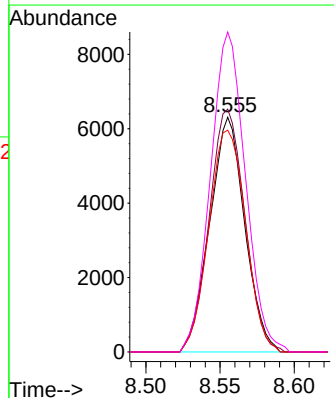
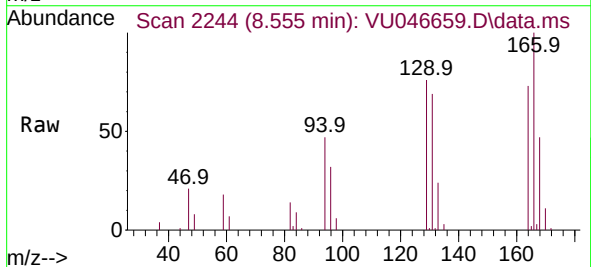
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.4	78.8
83	87.9	59.4	110.4
85	55.8	38.6	71.8

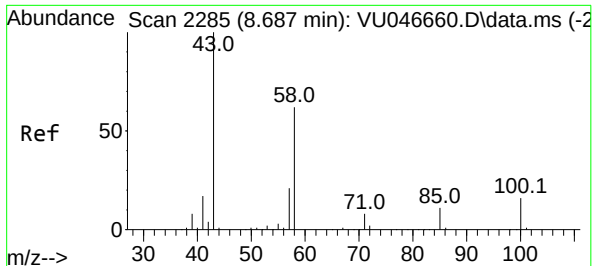


#46
Tetrachloroethene
Concen: 9.926 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 164 Resp: 10383

Ion	Ratio	Lower	Upper
164	100		
129	103.5	69.5	129.1
131	94.5	67.0	124.4
166	136.3	90.6	168.2

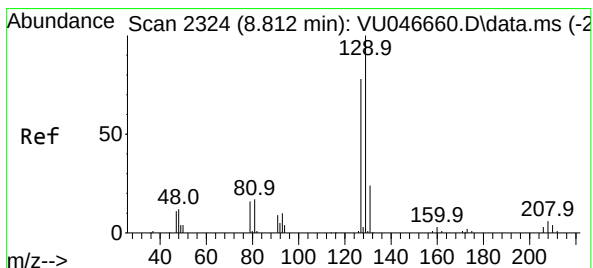
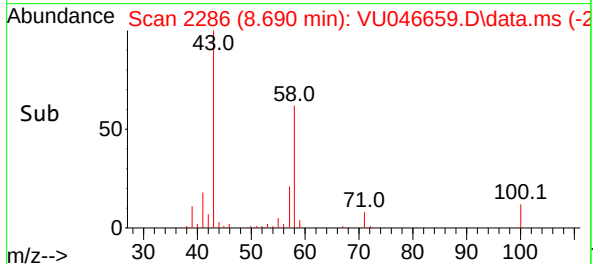
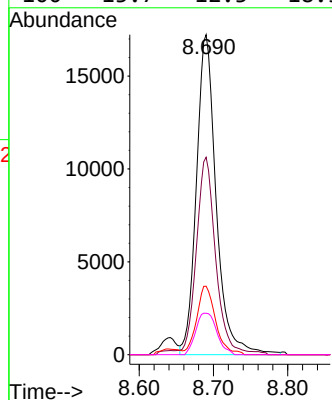
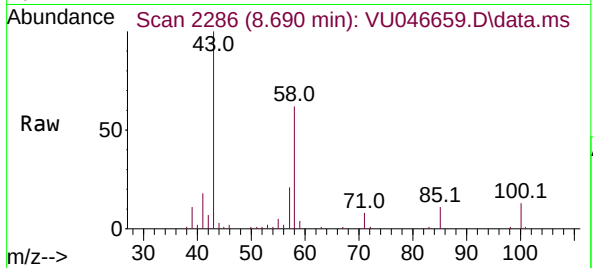




#48
2-Hexanone
Concen: 17.728 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

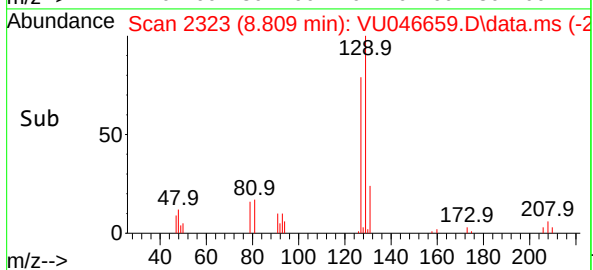
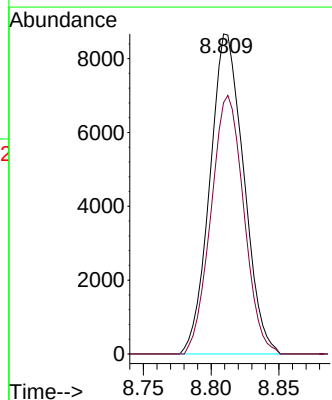
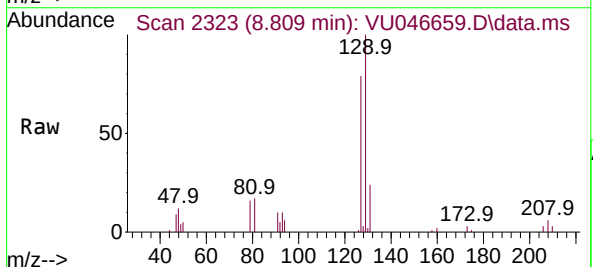
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

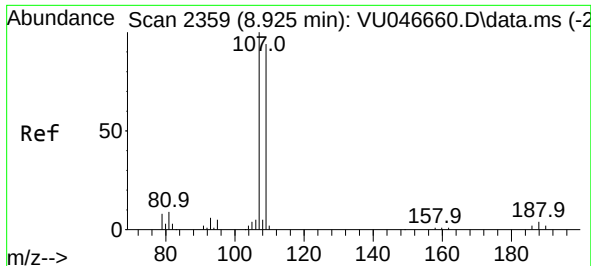
Tgt Ion:	43	Resp:	32033
Ion	Ratio	Lower	Upper
43	100		
58	57.9	49.4	74.2
57	18.5	17.5	26.3
100	13.7	12.3	18.5



#49
Dibromochloromethane
Concen: 10.090 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:	129	Resp:	15070
Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.5	101.3





#50

1,2-Dibromoethane

Concen: 9.457 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010038

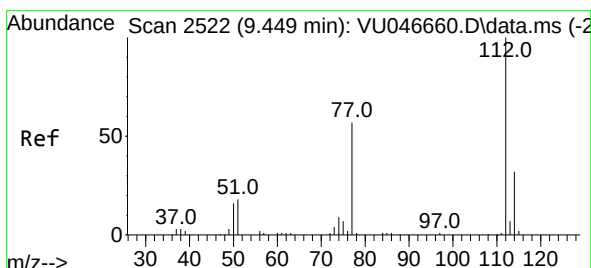
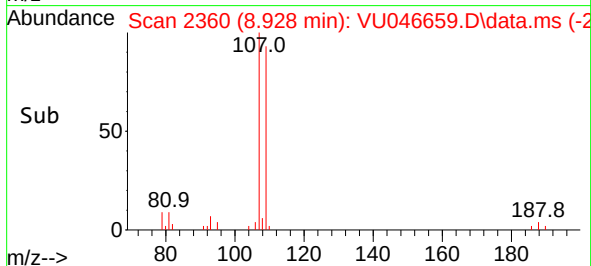
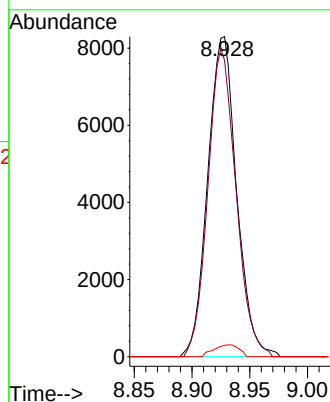
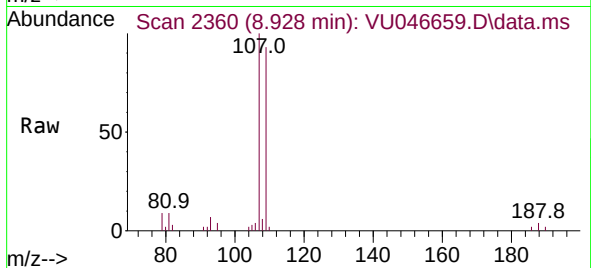
Tgt Ion:107 Resp: 14441

Ion Ratio Lower Upper

107 100

109 92.6 65.6 121.8

188 3.5 3.1 4.7



#51

Chlorobenzene

Concen: 9.937 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

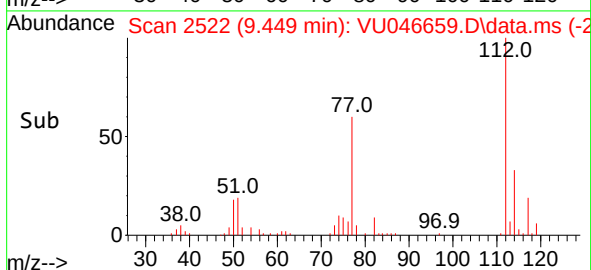
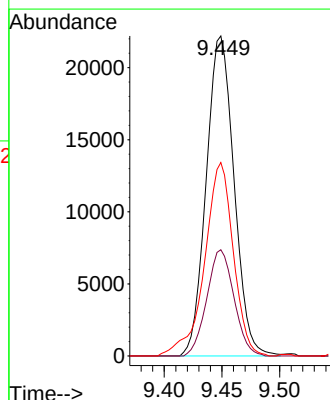
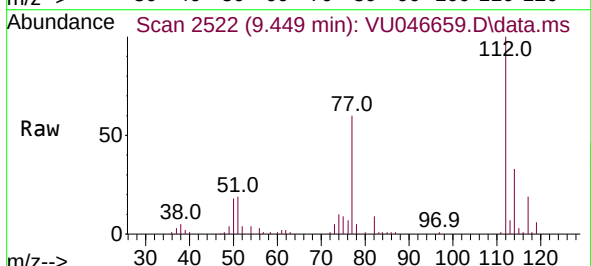
Tgt Ion:112 Resp: 37235

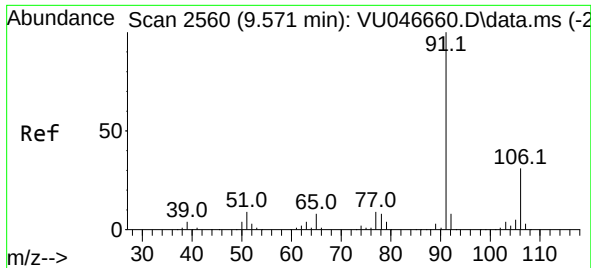
Ion Ratio Lower Upper

112 100

114 33.2 22.1 41.1

77 60.4 46.5 69.7

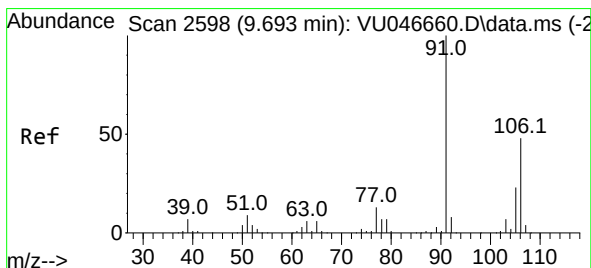
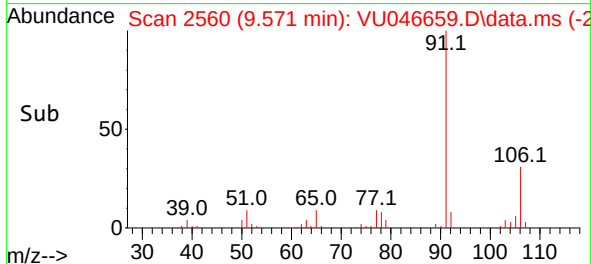
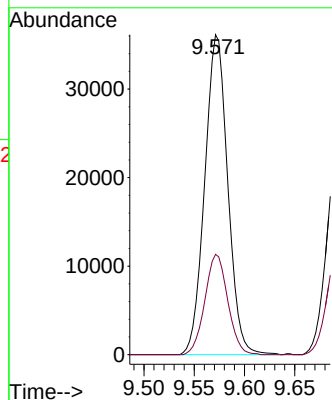
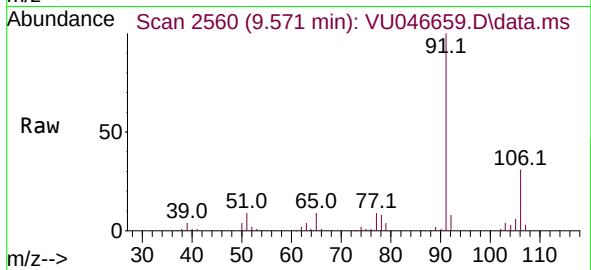




#52
Ethylbenzene
Concen: 9.302 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

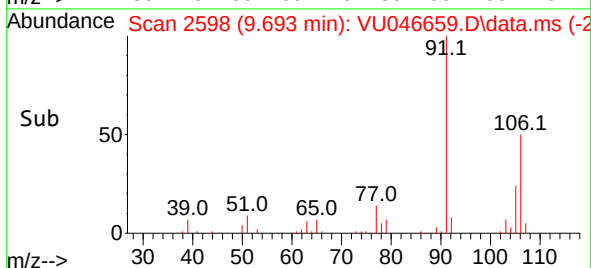
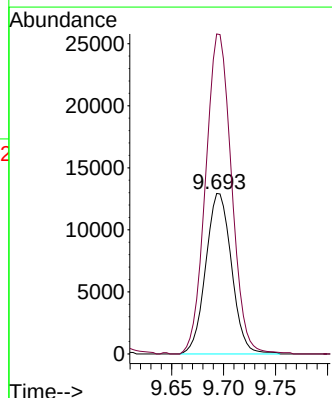
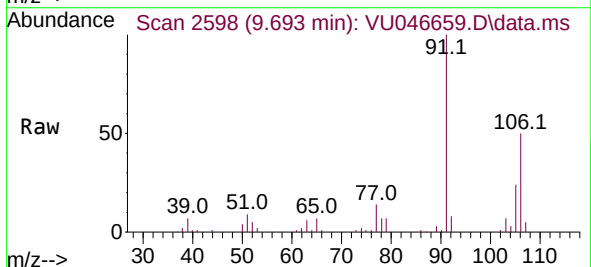
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

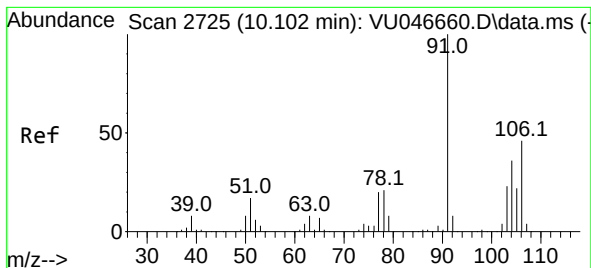
Tgt Ion: 91 Resp: 57564
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 9.254 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:106 Resp: 22334
Ion Ratio Lower Upper
106 100
91 199.4 145.5 270.1





#54

o-xylene

Concen: 8.828 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

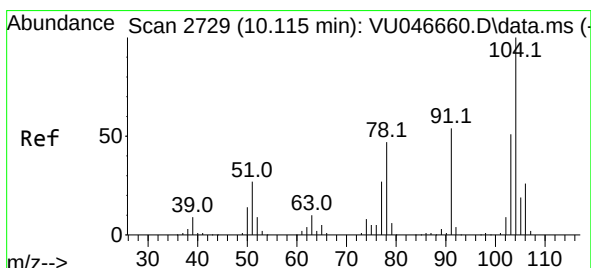
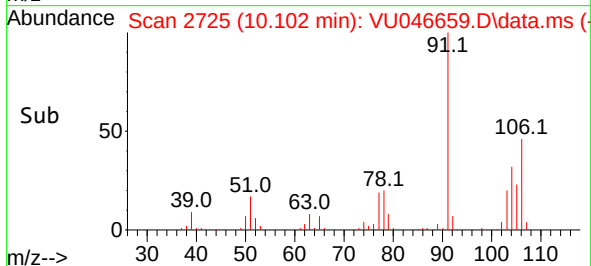
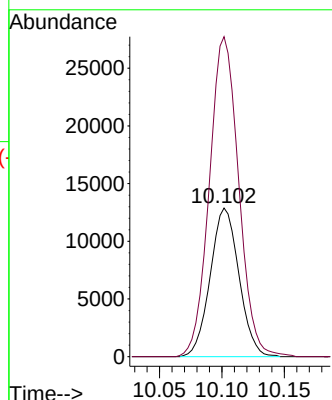
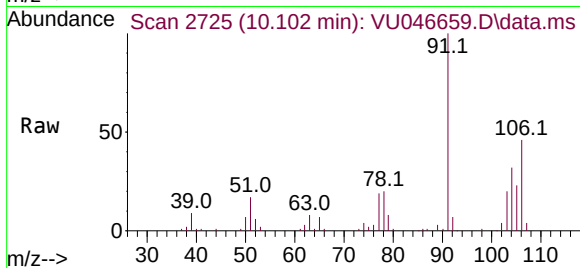
VSTD010038

Tgt Ion:106 Resp: 20687

Ion Ratio Lower Upper

106 100

91 215.3 152.0 282.2



#55

Styrene

Concen: 8.967 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU046659.D

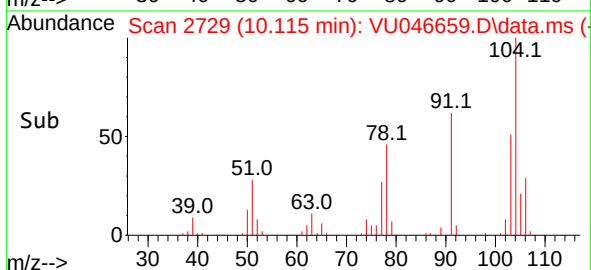
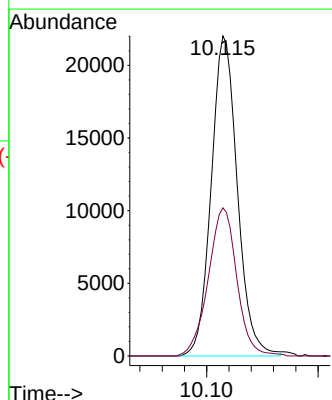
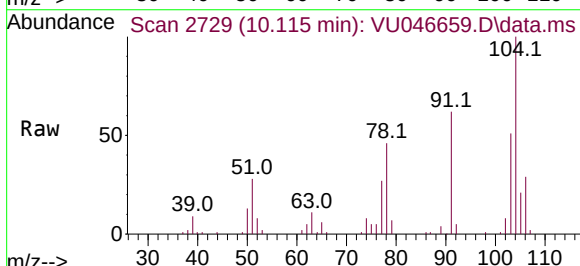
Acq: 05 Jan 2022 12:18

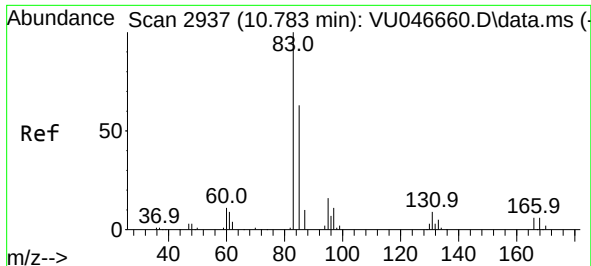
Tgt Ion:104 Resp: 35883

Ion Ratio Lower Upper

104 100

78 46.3 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 9.986 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010038

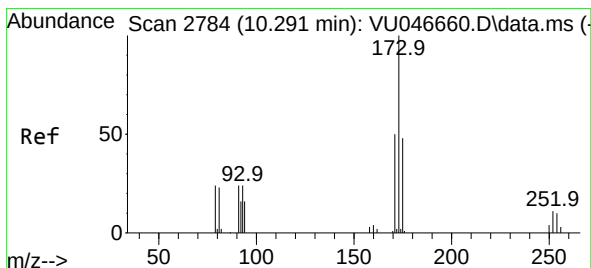
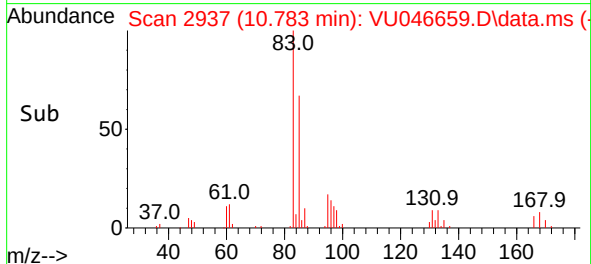
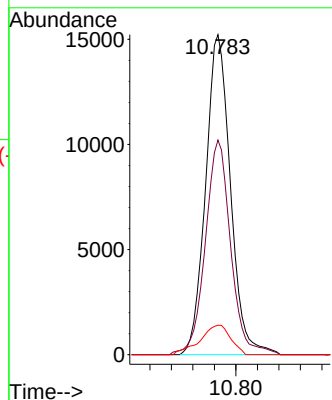
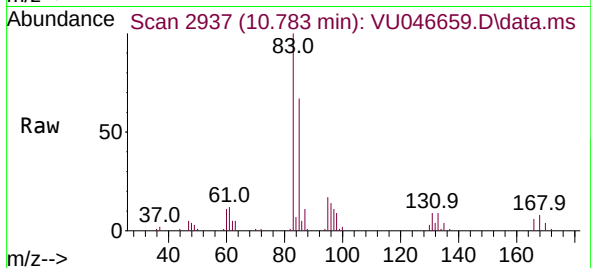
Tgt Ion: 83 Resp: 24457

Ion Ratio Lower Upper

83 100

85 67.1 44.7 83.1

131 9.2 7.8 11.6



#59

Bromoform

Concen: 10.505 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

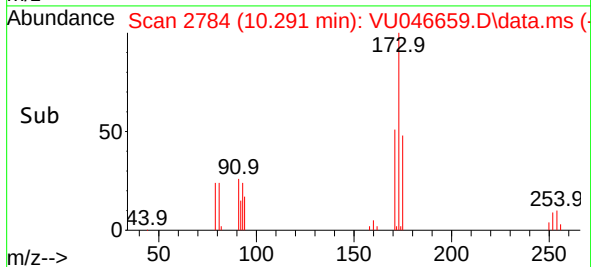
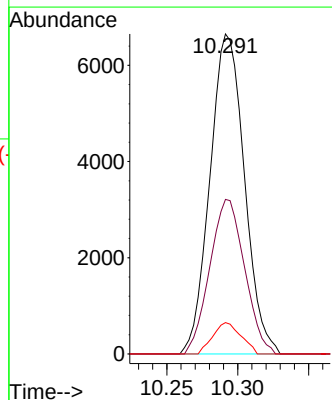
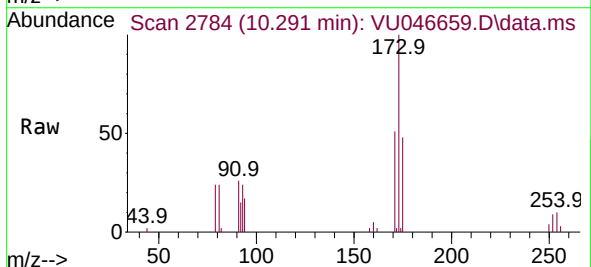
Tgt Ion:173 Resp: 11261

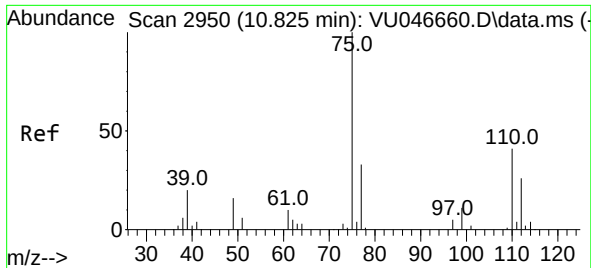
Ion Ratio Lower Upper

173 100

175 48.7 37.6 56.4

254 7.9 8.1 12.1#

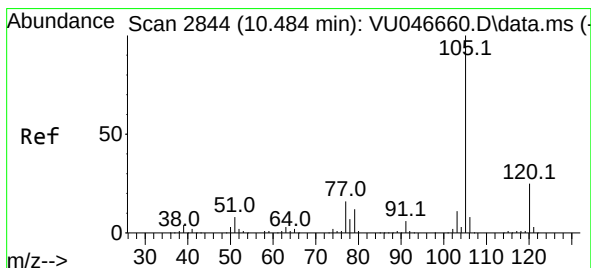
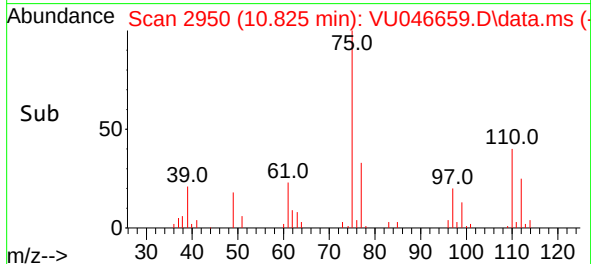
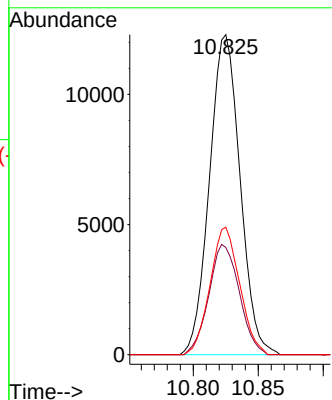
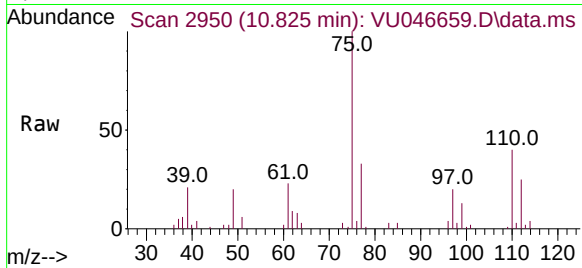




#60
1,2,3-Trichloropropane
Concen: 10.158 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

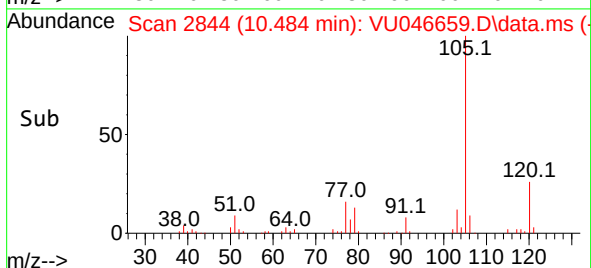
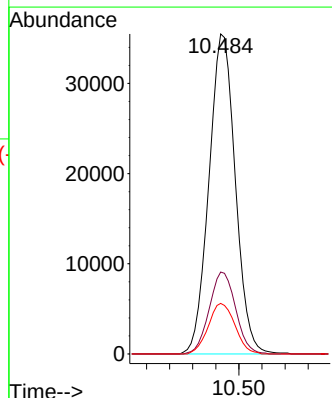
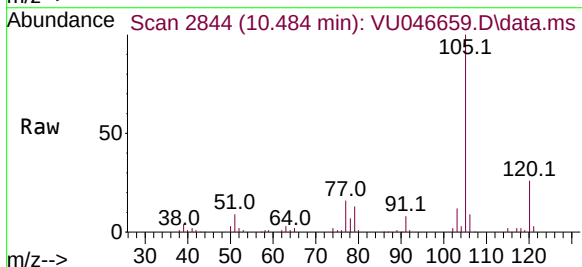
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

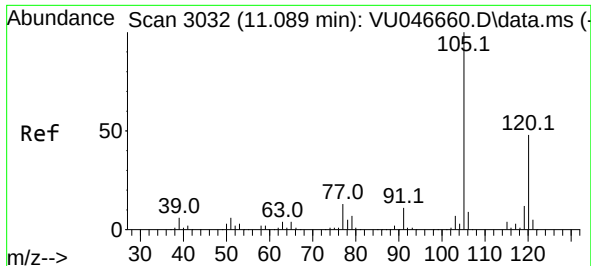
Tgt Ion:	75	Resp:	20128
Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.2	39.2
110	38.6	32.5	48.7



#61
Isopropylbenzene
Concen: 9.641 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:	105	Resp:	56266
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	31.0
77	16.0	12.6	18.8





#62

1,3,5-Trimethylbenzene

Concen: 8.824 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

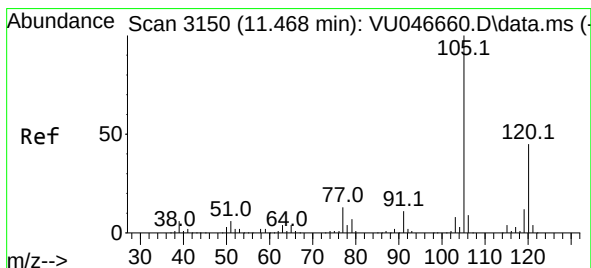
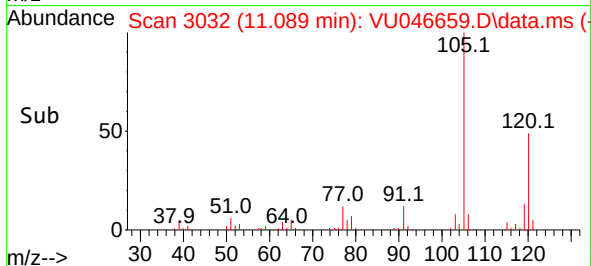
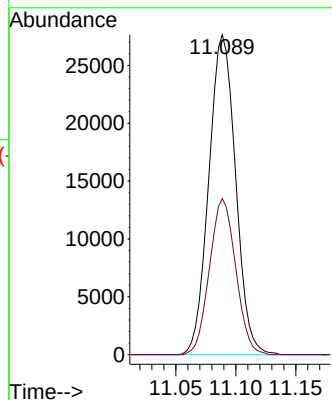
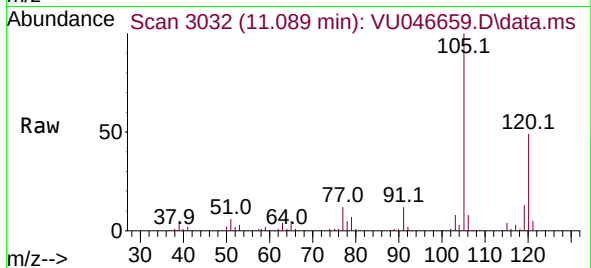
VSTD010038

Tgt Ion:105 Resp: 42901

Ion Ratio Lower Upper

105 100

120 47.7 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 8.583 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046659.D

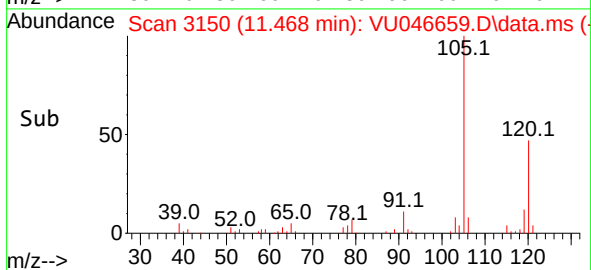
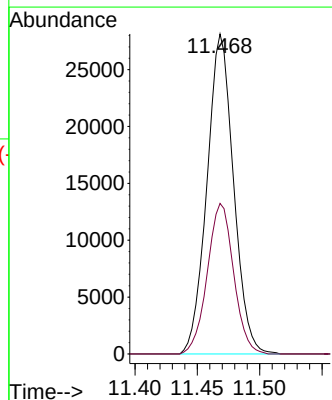
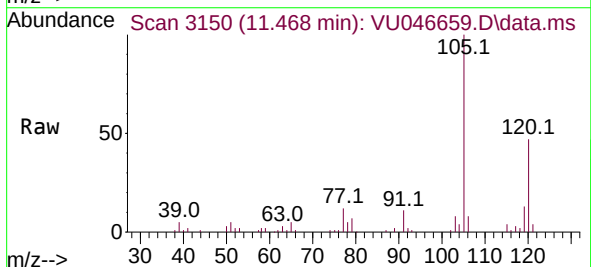
Acq: 05 Jan 2022 12:18

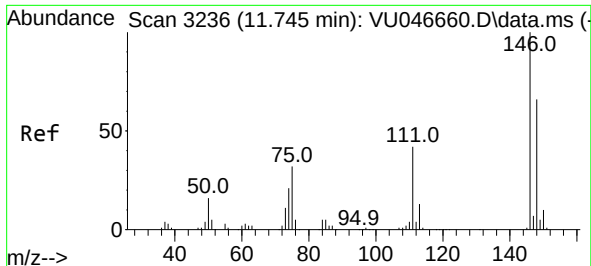
Tgt Ion:105 Resp: 41727

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.2

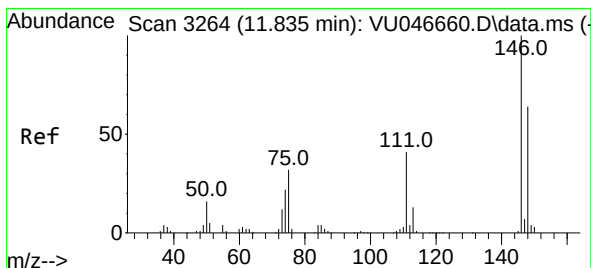
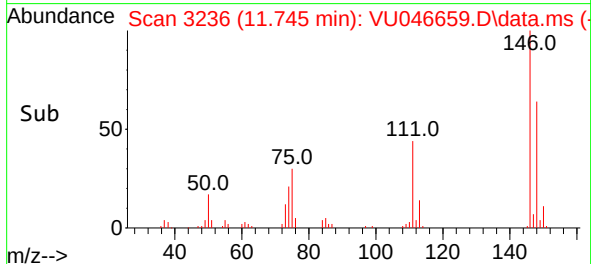
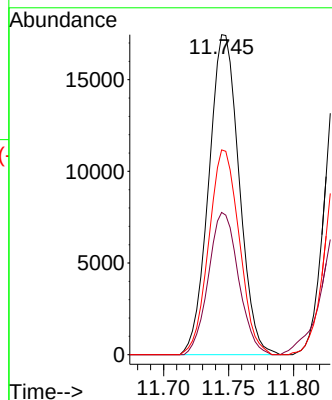
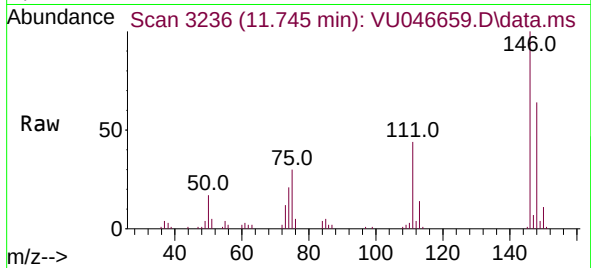




#64
1,3-Dichlorobenzene
Concen: 10.170 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

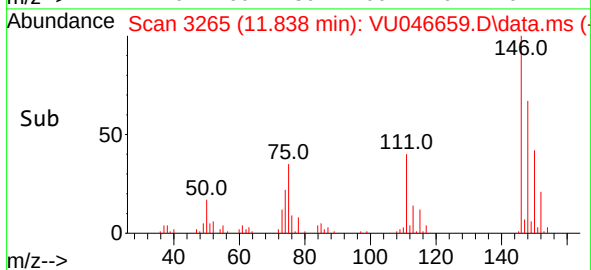
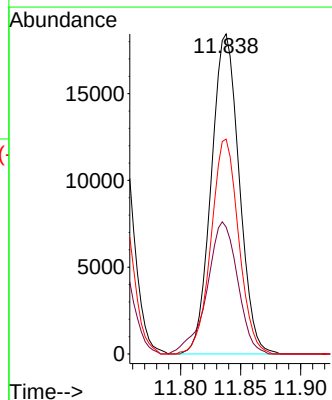
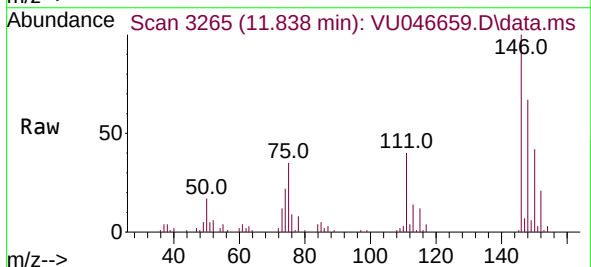
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

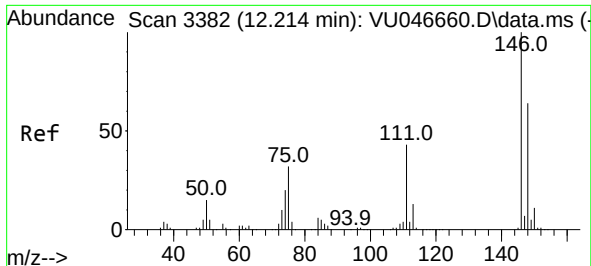
Tgt Ion:146 Resp: 28331
Ion Ratio Lower Upper
146 100
111 44.5 29.4 54.6
148 64.0 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 10.351 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:146 Resp: 29814
Ion Ratio Lower Upper
146 100
111 39.6 28.9 53.7
148 67.2 44.5 82.7

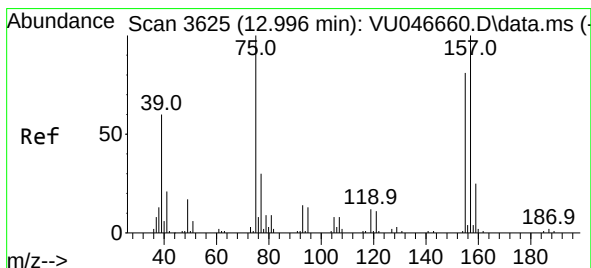
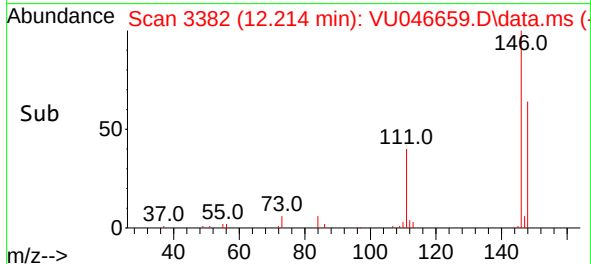
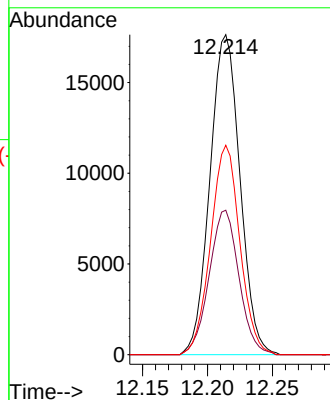
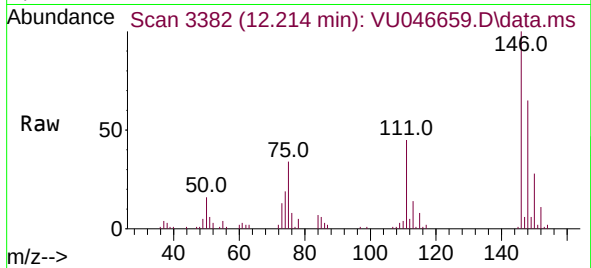




#67
1,2-Dichlorobenzene
Concen: 10.115 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

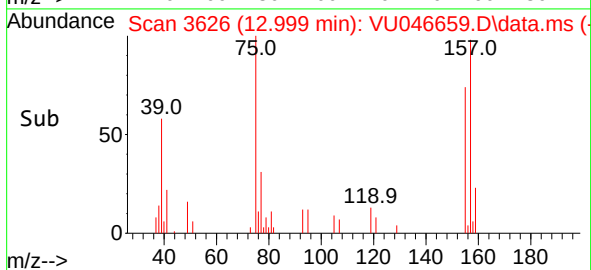
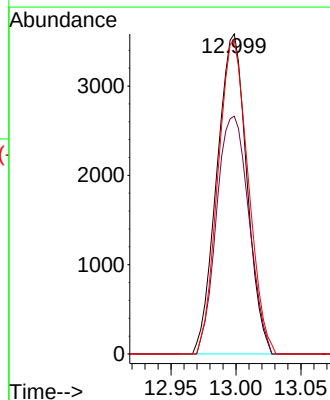
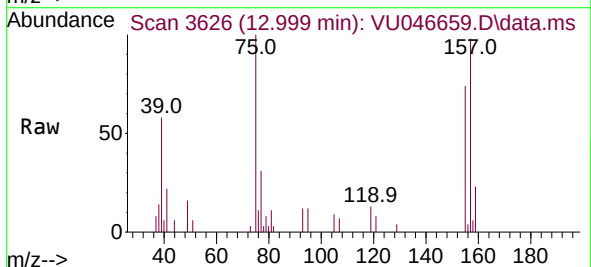
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

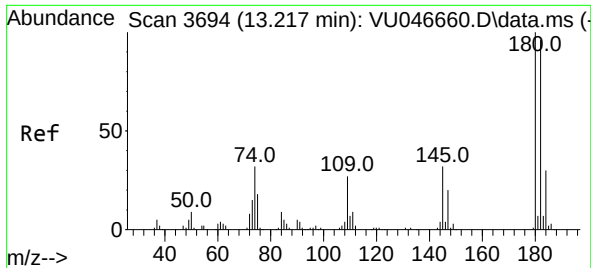
Tgt Ion:146 Resp: 28407
Ion Ratio Lower Upper
146 100
111 45.1 34.2 51.4
148 65.4 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 10.604 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion: 75 Resp: 5724
Ion Ratio Lower Upper
75 100
155 74.3 65.0 97.4
157 98.1 79.7 119.5

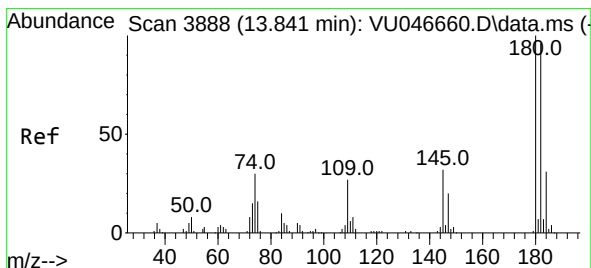
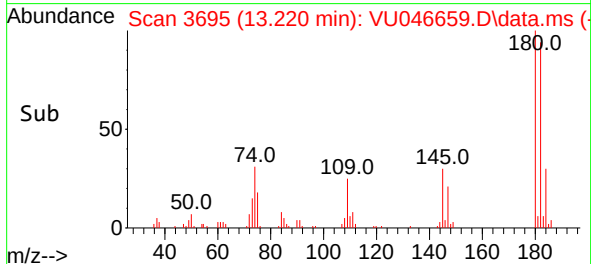
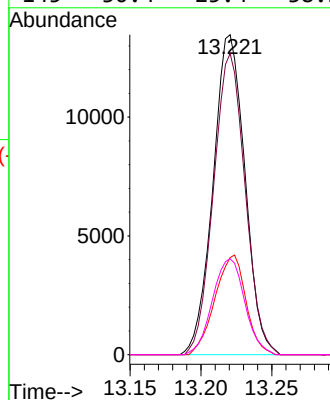
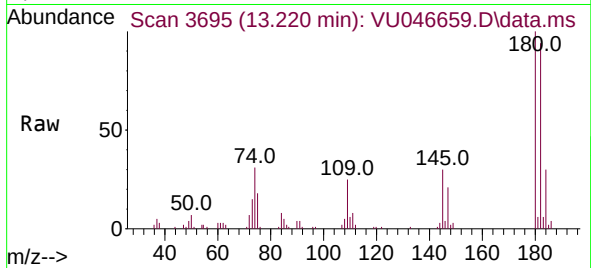




#69
1,3,5-Trichlorobenzene
Concen: 10.355 ug/L
RT: 13.220 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

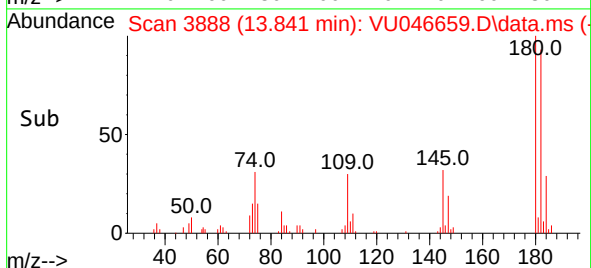
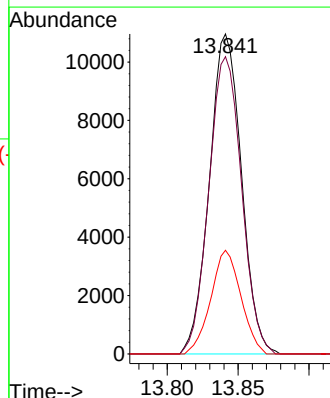
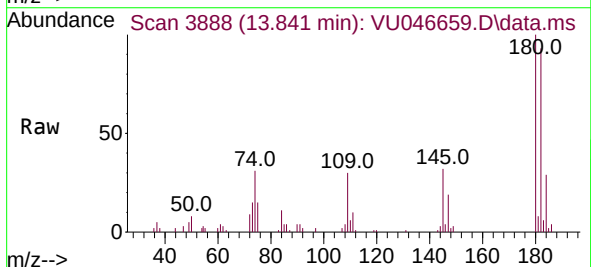
Instrument :
MSVOA_U
ClientSampleId :
VSTD010038

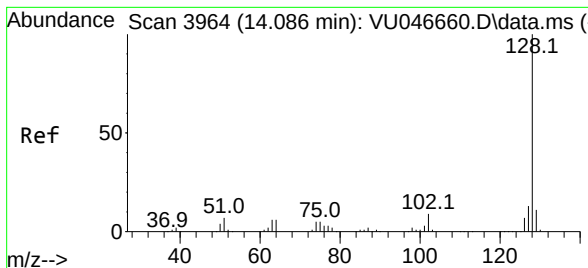
Tgt Ion:180	Resp:	21106
Ion Ratio	Lower	Upper
180	100	
182	93.1	77.0 115.6
184	30.2	24.7 37.1
145	30.4	25.4 38.2



#70
1,2,4-trichlorobenzene
Concen: 9.533 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046659.D
Acq: 05 Jan 2022 12:18

Tgt Ion:180	Resp:	17266
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.6 114.8
145	30.4	25.2 37.8





#71

Naphthalene

Concen: 7.780 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010038

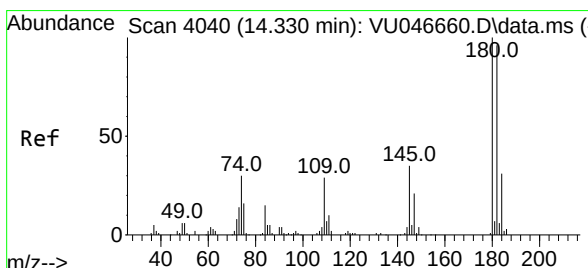
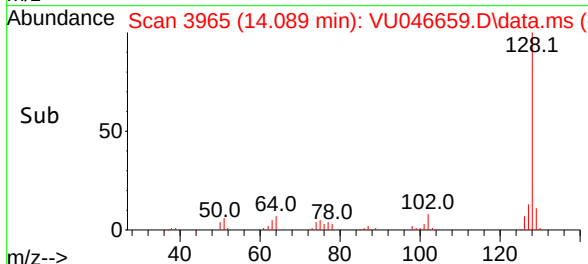
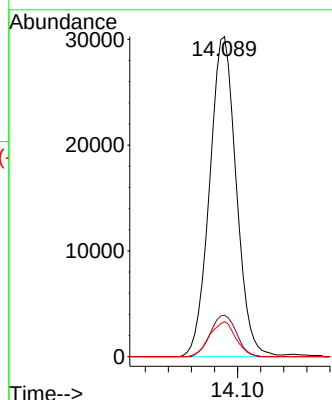
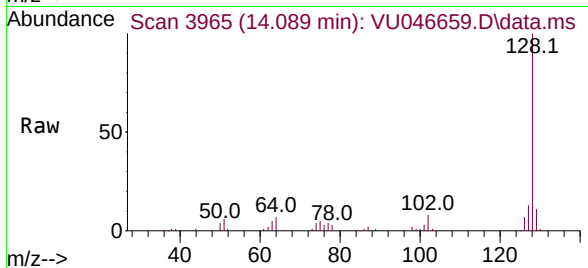
Tgt Ion:128 Resp: 48563

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 9.669 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046659.D

Acq: 05 Jan 2022 12:18

Tgt Ion:180 Resp: 17820

Ion Ratio Lower Upper

180 100

182 96.5 76.6 115.0

145 32.9 27.4 41.2

