

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050058.D
 Acq On : 04 Aug 2022 10:59
 Operator : SY/MD
 Sample : VSTD00151
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001051

Quant Time: Aug 05 04:28:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:27:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	102983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	9103	1.048	ug/L	0.00
7) Chloroethane-d5	1.912	69	7295	1.041	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	3371	0.993	ug/L	0.00
20) 2-Butanone-d5	4.652	46	19359	9.142	ug/L	0.00
24) Chloroform-d	5.063	84	16364	1.013	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	8212	0.990	ug/L	0.00
32) Benzene-d6	5.729	84	31315	0.974	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	10138	0.958	ug/L	0.00
41) Toluene-d8	7.899	98	26924	0.949	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3719	0.981	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	11373	8.457	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	9536	1.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	8596	1.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10005	1.046	ug/L	98
3) Chloromethane	1.520	50	13334	1.066	ug/L	95
5) Vinyl chloride	1.601	62	11472	1.023	ug/L	100
6) Bromomethane	1.858	94	7660	1.070	ug/L	97
8) Chloroethane	1.932	64	7051	1.067	ug/L	100
9) Trichlorofluoromethane	2.138	101	12617	1.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	6783	0.993	ug/L	97
12) 1,1-Dichloroethene	2.575	96	7436	1.031	ug/L	90
13) Acetone	2.649	43	10804	9.162	ug/L	88
14) Carbon disulfide	2.787	76	26980	1.047	ug/L	97
15) Methyl Acetate	2.961	43	3375	1.048	ug/L	93
16) Methylene chloride	3.041	84	12341	1.120	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	19202	1.020	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	8324	1.031	ug/L	91
19) 1,1-Dichloroethane	3.867	63	16046	1.049	ug/L	97
21) 2-Butanone	4.729	43	18723	8.829	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	9241	1.031	ug/L	99
23) Bromochloromethane	4.973	128	4437	1.036	ug/L	99
25) Chloroform	5.089	83	17202	1.055	ug/L	100
27) 1,2-Dichloroethane	5.800	62	10286	1.037	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	12791	1.012	ug/L	98
30) Cyclohexane	5.385	56	10139	0.921	ug/L	96
31) Carbon tetrachloride	5.520	117	10560	1.020	ug/L	98
33) Benzene	5.774	78	36259	1.005	ug/L	100
34) Trichloroethene	6.543	95	8925	1.023	ug/L	96
35) Methylcyclohexane	6.761	83	10277	0.912	ug/L	97
37) 1,2-Dichloropropane	6.793	63	9678	1.007	ug/L	99
38) Bromodichloromethane	7.108	83	12002	1.028	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	11836	0.944	ug/L	91
40) 4-Methyl-2-pentanone	7.796	43	53991	9.699	ug/L	96
42) Toluene	7.970	91	36166	0.999	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	10317	0.959	ug/L	97

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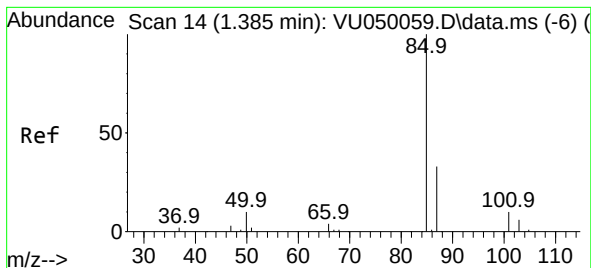
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	7251	1.009	ug/L	96
47) Tetrachloroethene	8.555	164	6271	1.003	ug/L	92
48) 2-Hexanone	8.690	43	41270	9.585	ug/L	97
49) Dibromochloromethane	8.809	129	8190	1.030	ug/L	96
50) 1,2-Dibromoethane	8.925	107	6512	1.000	ug/L #	92
51) Chlorobenzene	9.449	112	23351	1.026	ug/L	99
52) Ethylbenzene	9.571	91	33408	0.946	ug/L	100
53) m,p-Xylene	9.694	106	11743	0.903	ug/L	97
54) o-Xylene	10.099	106	11736	0.904	ug/L	93
55) Styrene	10.115	104	18424	0.850	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	10042	1.064	ug/L	96
59) Bromoform	10.292	173	4826	1.096	ug/L	98
60) Isopropylbenzene	10.484	105	28869	0.985	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	6512	1.089	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	7913	0.955	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	20449	0.906	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	14949	1.012	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	14876	1.035	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	15011	1.049	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	1246	1.063	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	11144	1.059	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	7901	0.991	ug/L	98
71) Naphthalene	14.089	128	14326	0.876	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	7834	0.969	ug/L	94

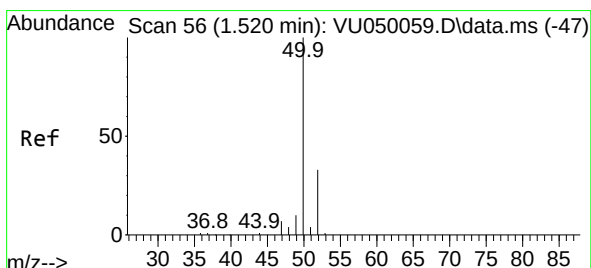
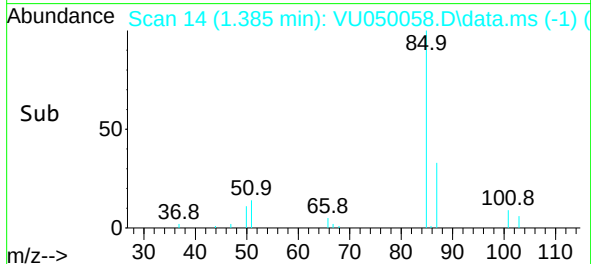
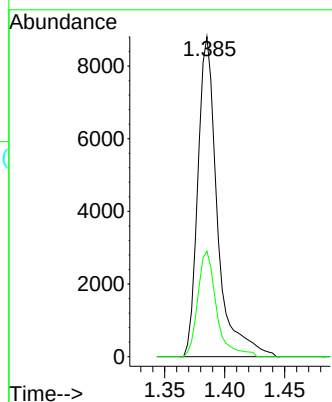
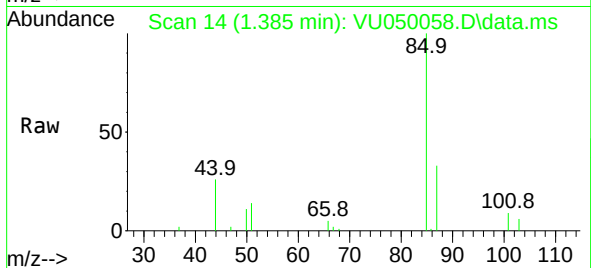
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 1.046 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

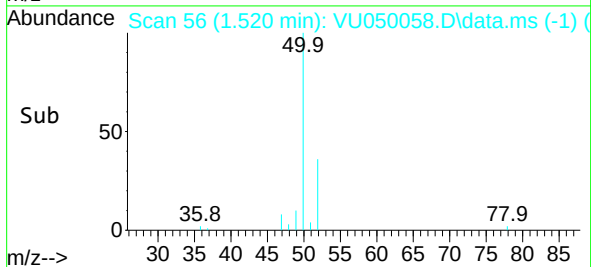
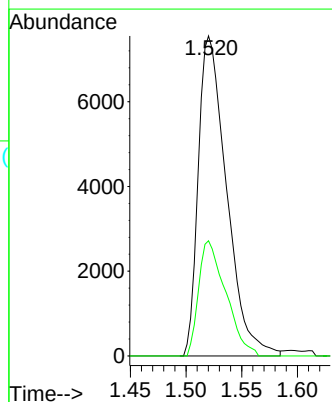
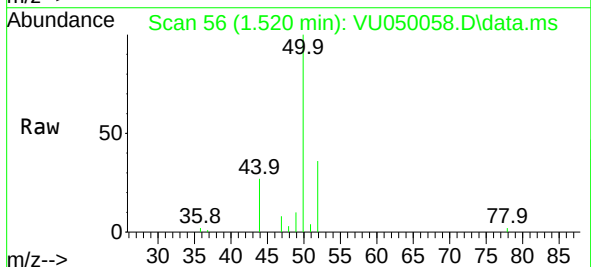
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

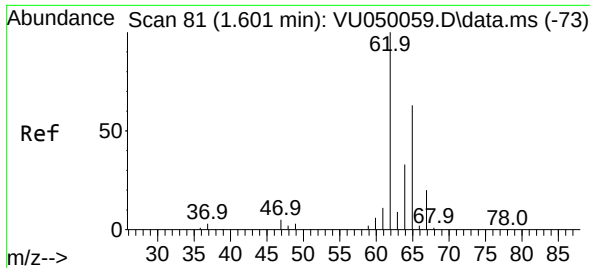
Tgt Ion: 85 Resp: 10005
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4



#3
Chloromethane
Concen: 1.066 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 50 Resp: 13334
Ion Ratio Lower Upper
50 100
52 36.0 23.2 43.2

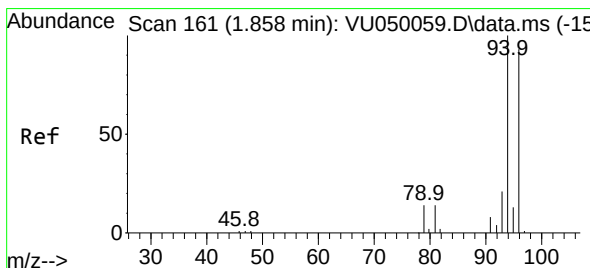
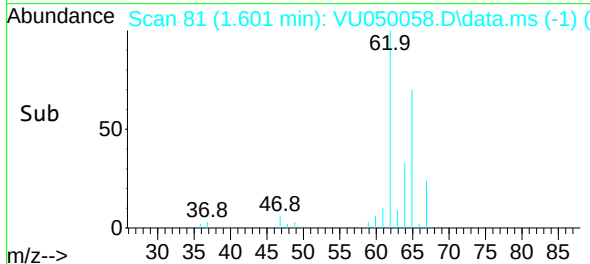
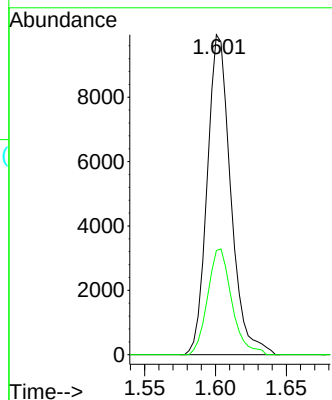
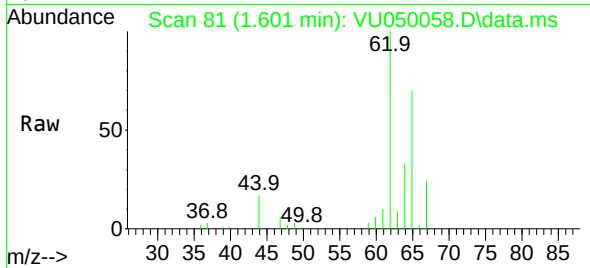




#5
 Vinyl chloride
 Concen: 1.023 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050058.D
 Acq: 04 Aug 2022 10:59

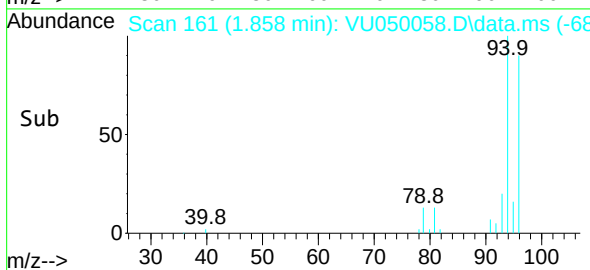
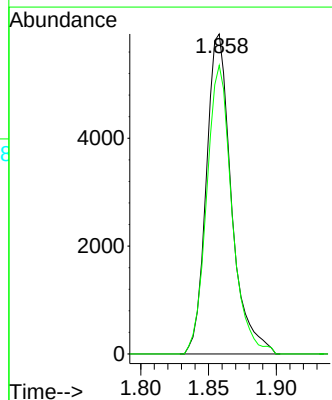
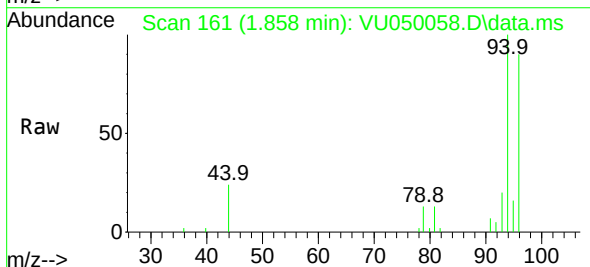
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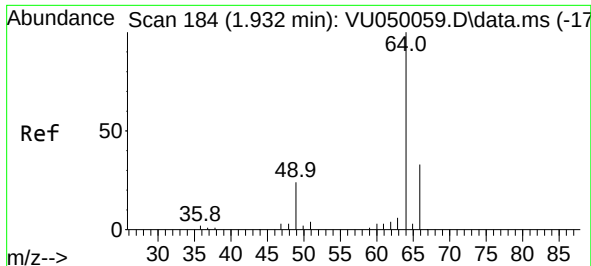
Tgt Ion: 62 Resp: 11472
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 1.070 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU050058.D
 Acq: 04 Aug 2022 10:59

Tgt Ion: 94 Resp: 7660
 Ion Ratio Lower Upper
 94 100
 96 90.2 65.3 121.3

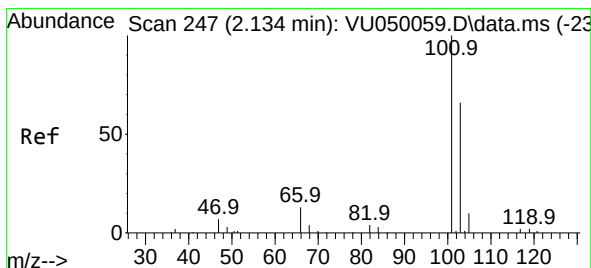
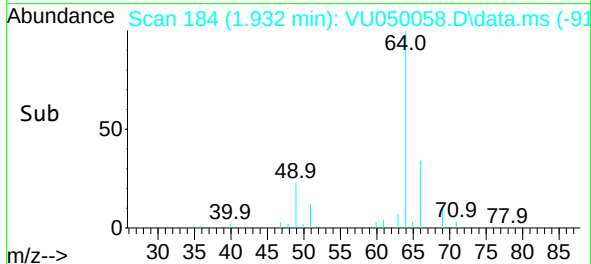
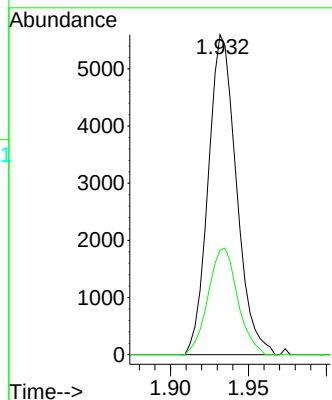
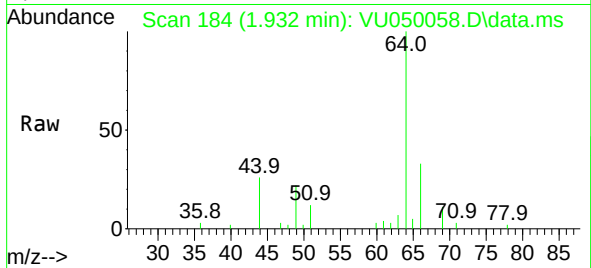




#8
Chloroethane
Concen: 1.067 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

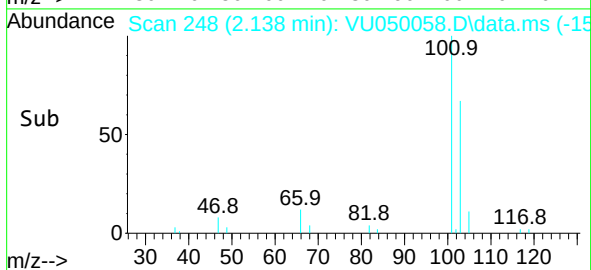
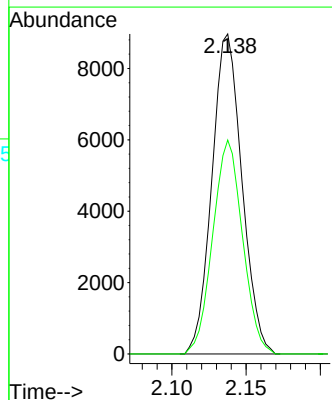
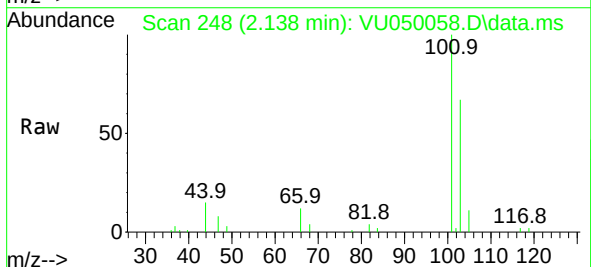
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VSTD001051

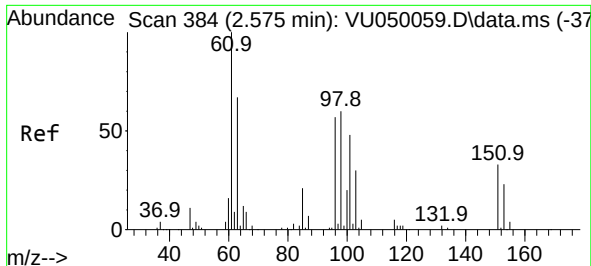
Tgt Ion: 64 Resp: 7051
Ion Ratio Lower Upper
64 100
66 32.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 1.028 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion:101 Resp: 12617
Ion Ratio Lower Upper
101 100
103 66.2 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.993 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD001051

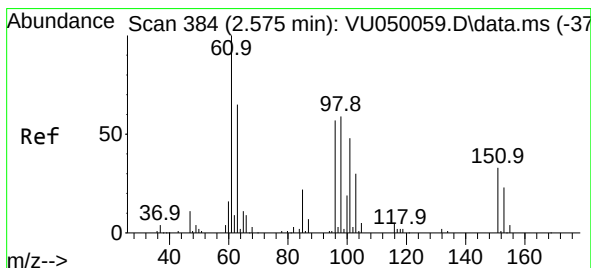
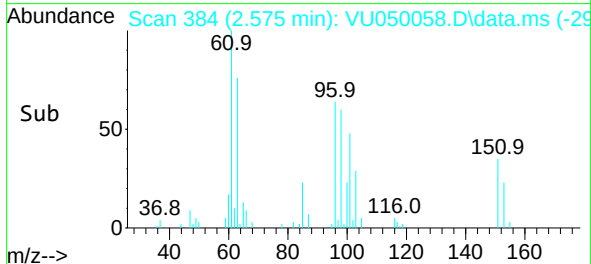
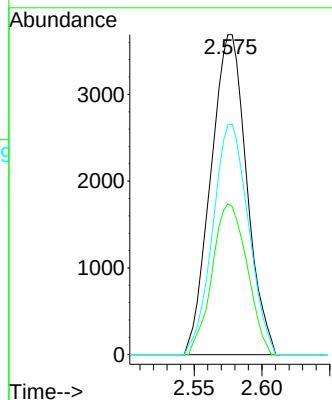
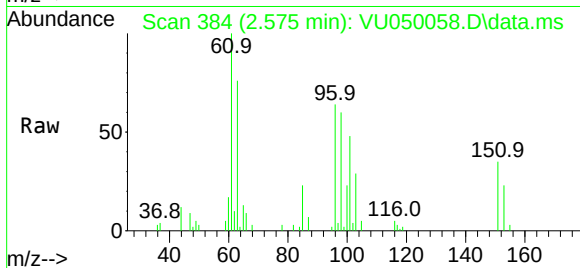
Tgt Ion:101 Resp: 6783

Ion Ratio Lower Upper

101 100

85 45.8 35.6 53.4

151 71.6 55.2 82.8



#12

1,1-Dichloroethene

Concen: 1.031 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

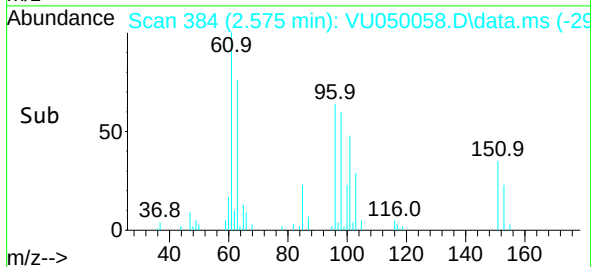
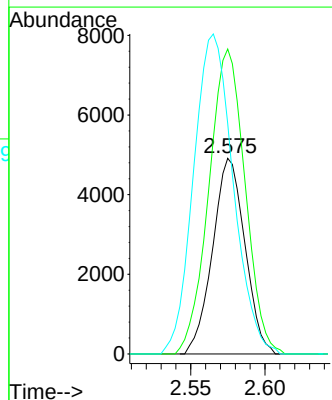
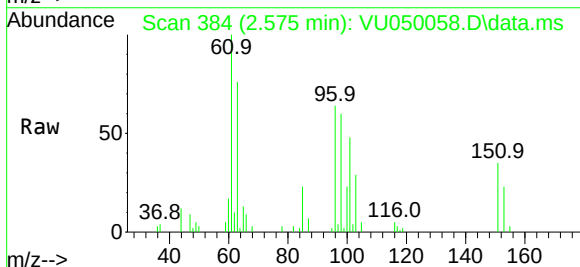
Tgt Ion: 96 Resp: 7436

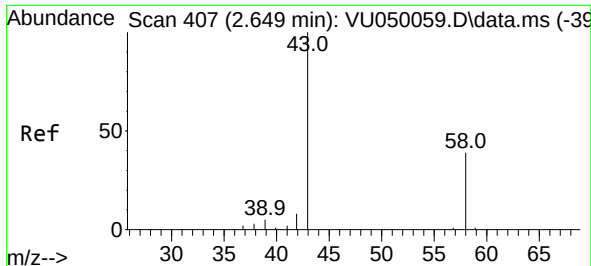
Ion Ratio Lower Upper

96 100

61 155.8 122.7 227.9

63 117.7 85.1 158.1





#13

Acetone

Concen: 9.162 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

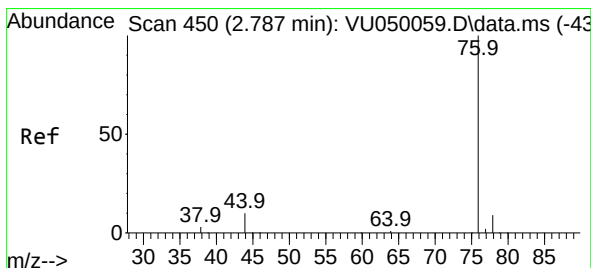
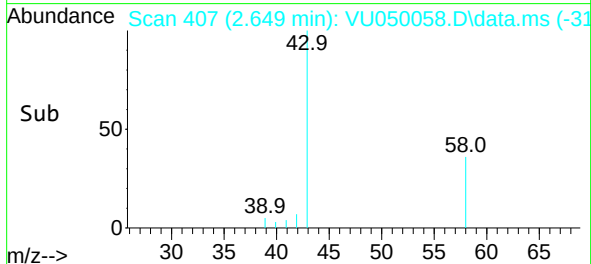
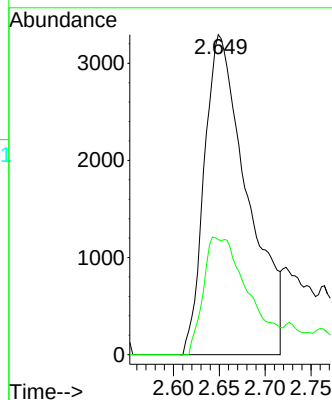
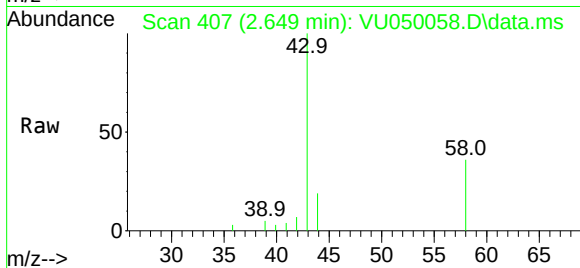
VSTD001051

Tgt Ion: 43 Resp: 10804

Ion Ratio Lower Upper

43 100

58 38.8 0.0 64.0



#14

Carbon disulfide

Concen: 1.047 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050058.D

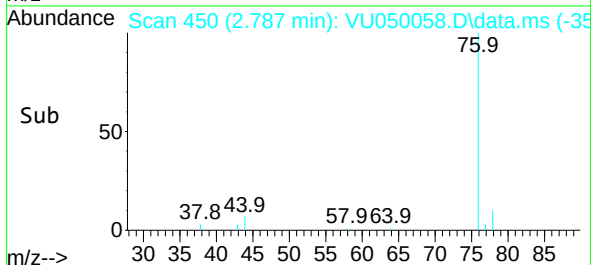
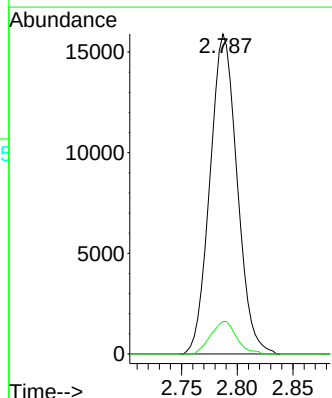
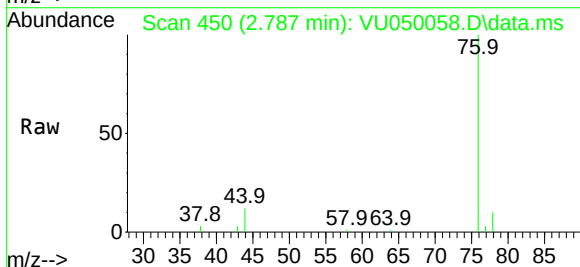
Acq: 04 Aug 2022 10:59

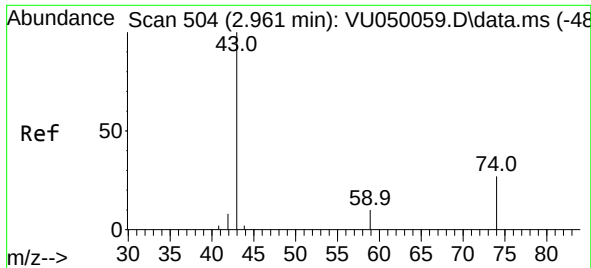
Tgt Ion: 76 Resp: 26980

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0

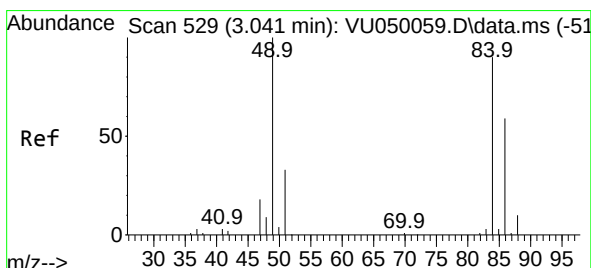
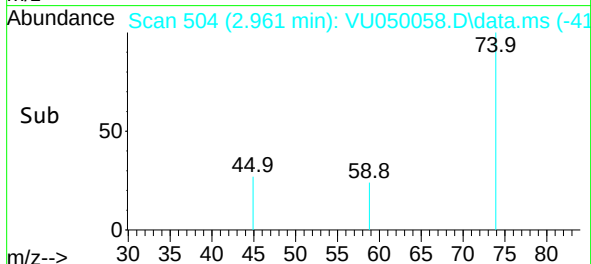
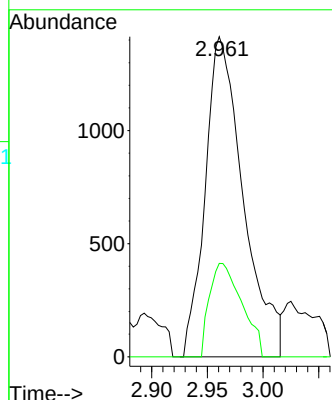
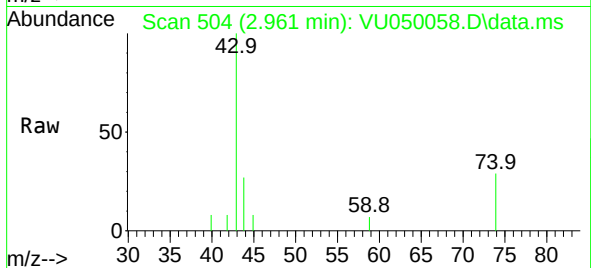




#15
Methyl Acetate
Concen: 1.048 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

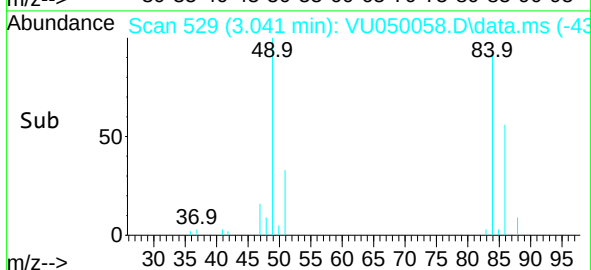
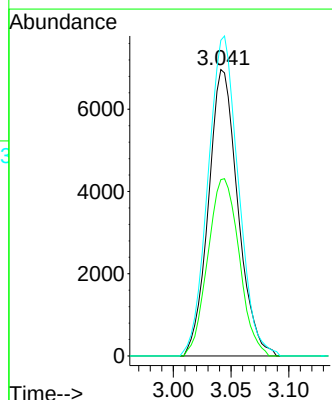
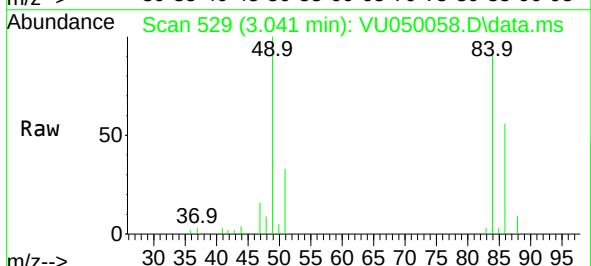
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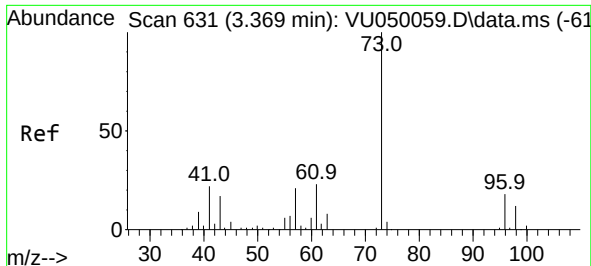
Tgt Ion: 43 Resp: 3375
Ion Ratio Lower Upper
43 100
74 24.7 22.7 34.1



#16
Methylene chloride
Concen: 1.120 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 84 Resp: 12341
Ion Ratio Lower Upper
84 100
86 61.6 45.9 85.3
49 110.2 77.6 144.0

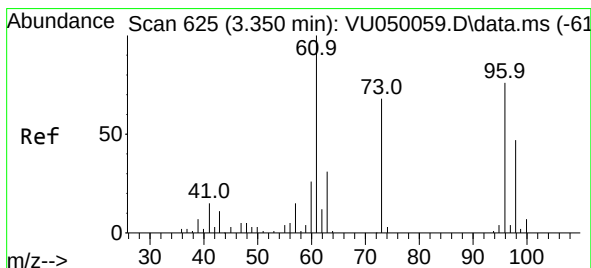
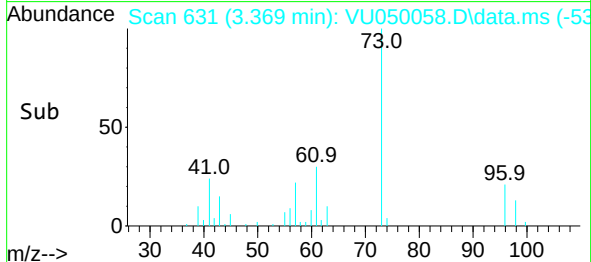
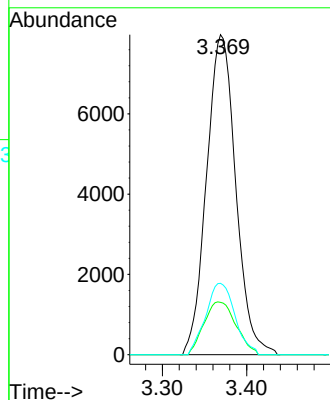
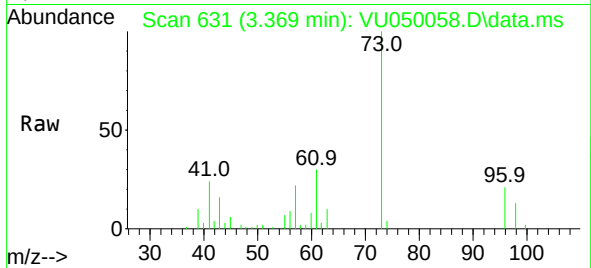




#17
Methyl tert-butyl Ether
Concen: 1.020 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

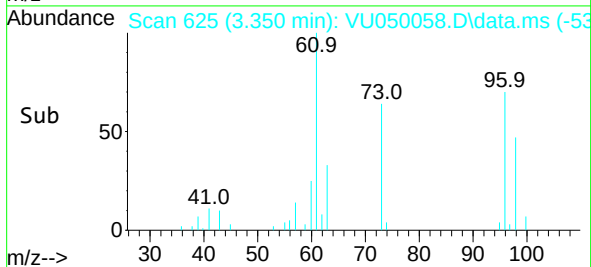
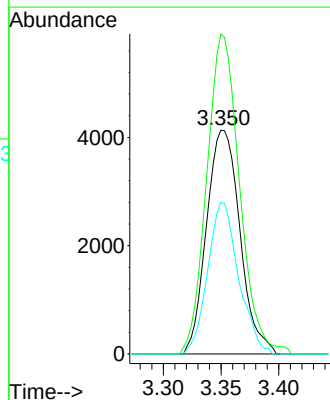
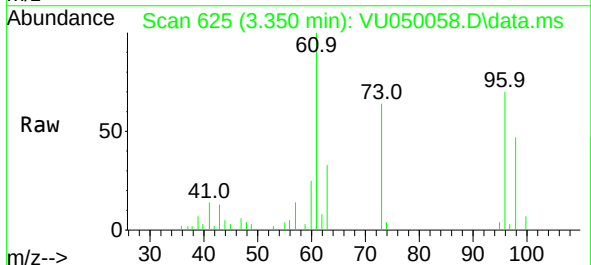
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

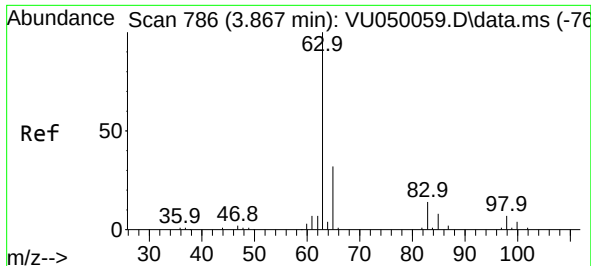
Tgt Ion: 73	Resp: 19202
Ion Ratio	Lower Upper
73 100	
43 18.1	13.5 20.3
57 22.4	17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 1.031 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 96	Resp: 8324
Ion Ratio	Lower Upper
96 100	
61 142.9	92.3 171.5
98 67.7	43.2 80.2





#19

1,1-Dichloroethane

Concen: 1.049 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD001051

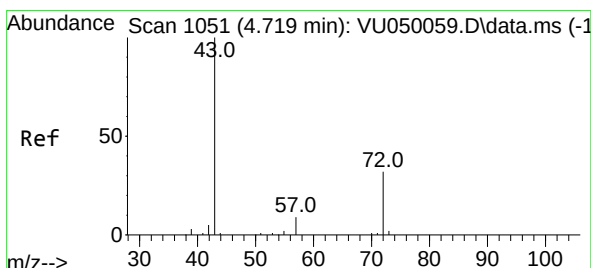
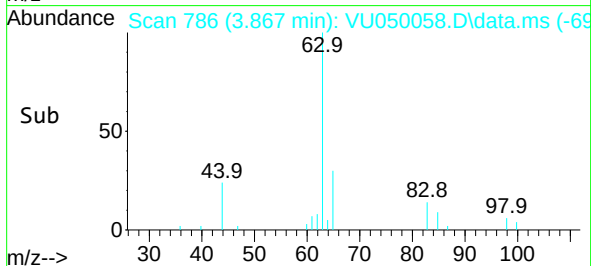
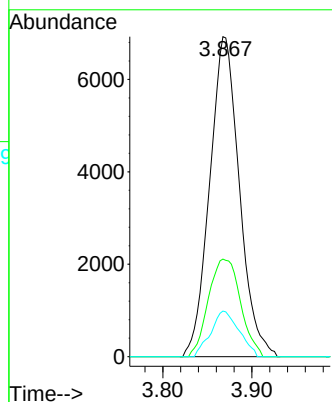
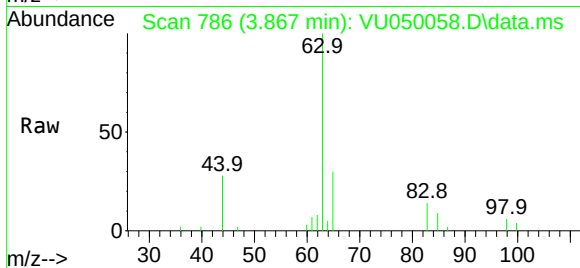
Tgt Ion: 63 Resp: 16046

Ion Ratio Lower Upper

63 100

65 30.5 22.7 42.3

83 14.3 9.8 18.2



#21

2-Butanone

Concen: 8.829 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.010 min

Lab File: VU050058.D

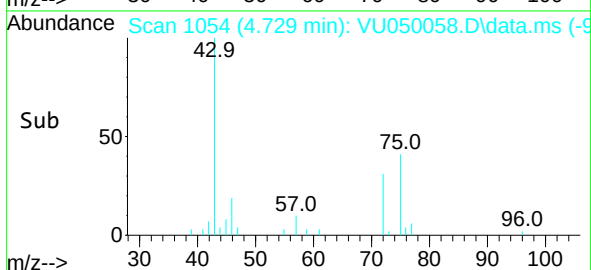
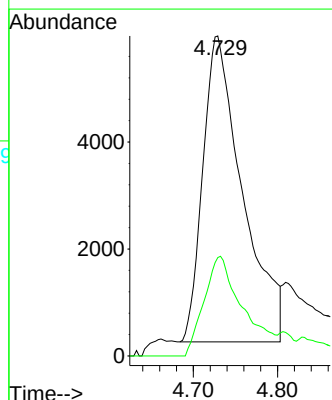
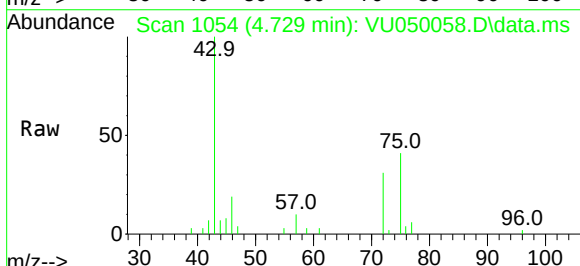
Acq: 04 Aug 2022 10:59

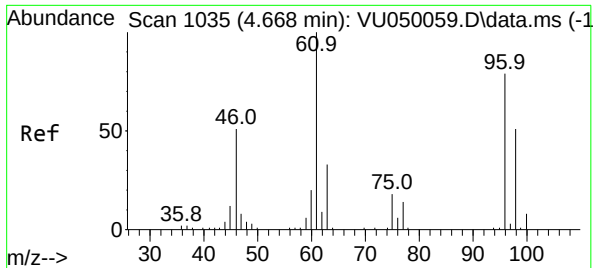
Tgt Ion: 43 Resp: 18723

Ion Ratio Lower Upper

43 100

72 32.2 14.0 42.0

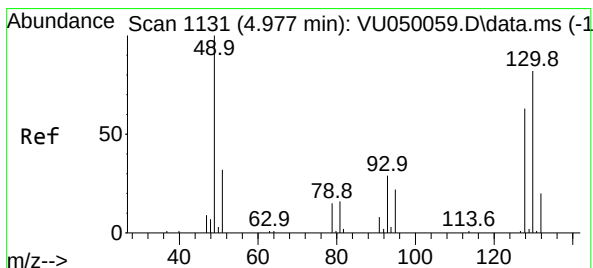
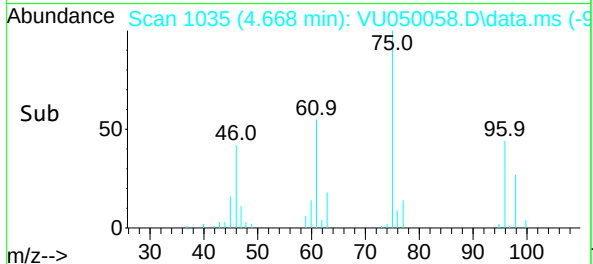
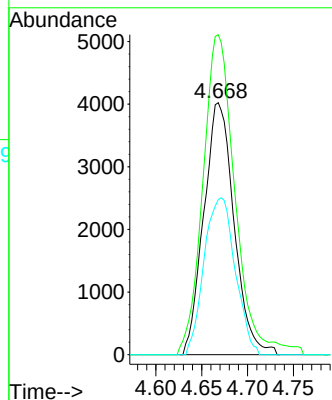
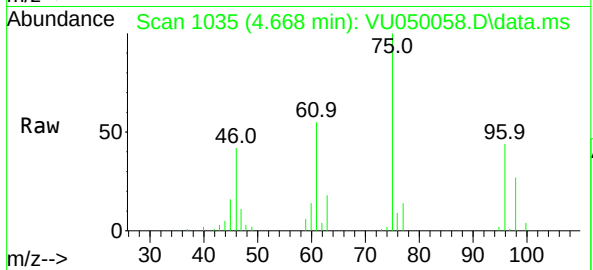




#22
 cis-1,2-Dichloroethene
 Concen: 1.031 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050058.D
 Acq: 04 Aug 2022 10:59

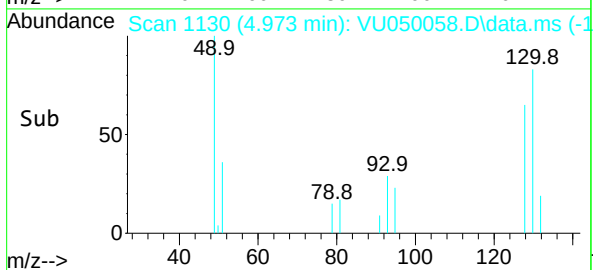
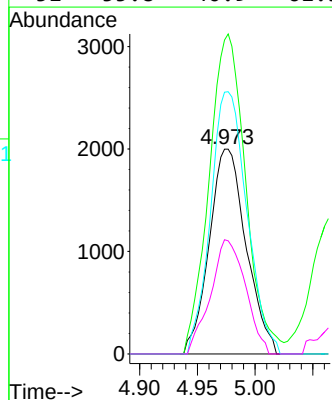
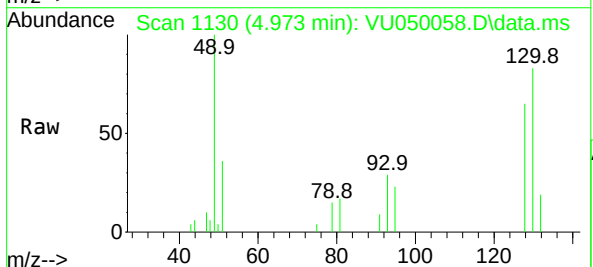
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001051

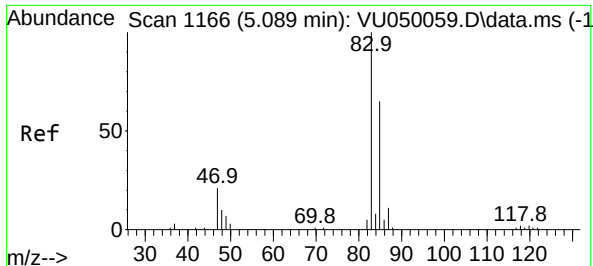
Tgt Ion: 96 Resp: 9241
 Ion Ratio Lower Upper
 96 100
 61 127.0 89.0 165.4
 98 61.5 45.2 84.0



#23
 Bromochloromethane
 Concen: 1.036 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU050058.D
 Acq: 04 Aug 2022 10:59

Tgt Ion: 128 Resp: 4437
 Ion Ratio Lower Upper
 128 100
 49 159.1 111.4 206.8
 130 127.8 90.2 167.4
 51 55.8 40.9 61.3





#25

Chloroform

Concen: 1.055 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

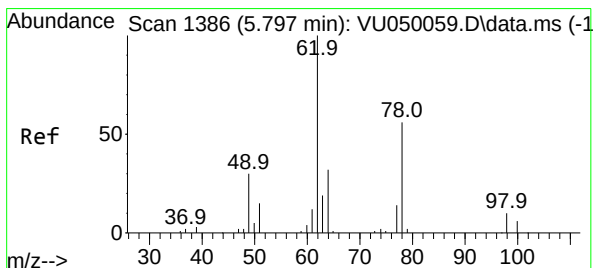
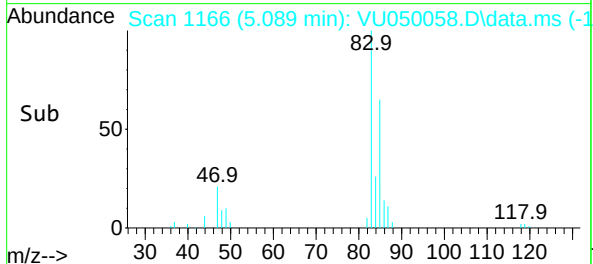
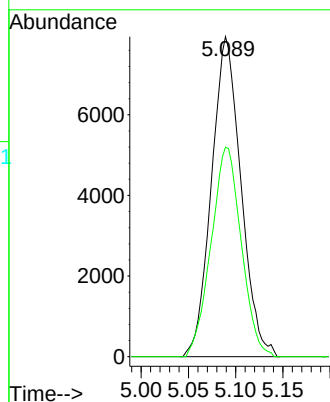
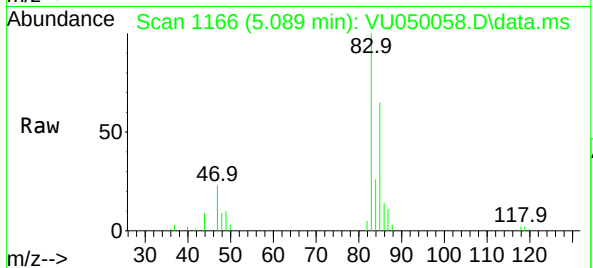
VSTD001051

Tgt Ion: 83 Resp: 17202

Ion Ratio Lower Upper

83 100

85 65.4 46.1 85.5



#27

1,2-Dichloroethane

Concen: 1.037 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU050058.D

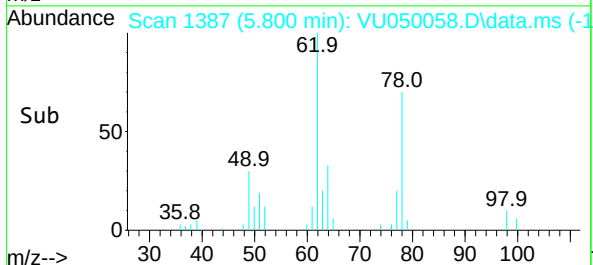
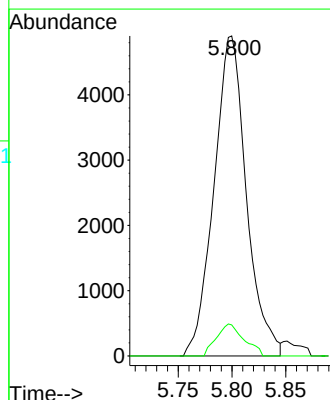
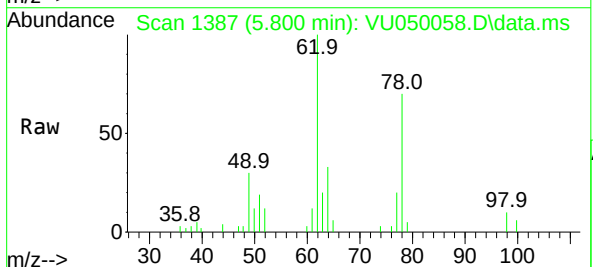
Acq: 04 Aug 2022 10:59

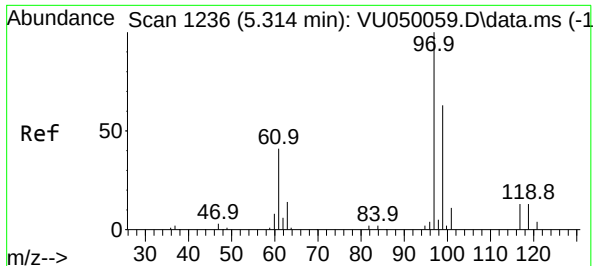
Tgt Ion: 62 Resp: 10286

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 1.012 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD001051

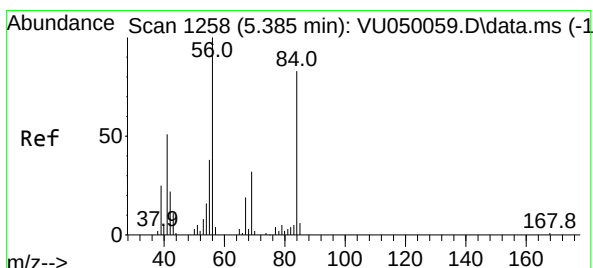
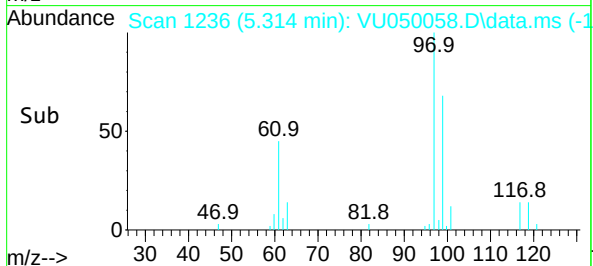
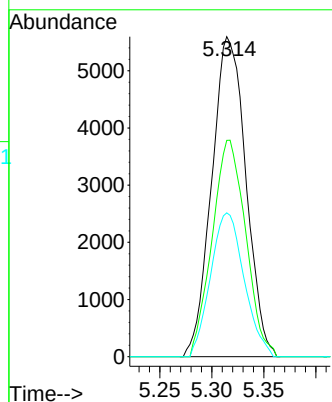
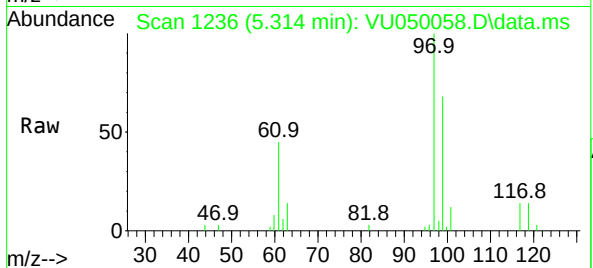
Tgt Ion: 97 Resp: 12791

Ion Ratio Lower Upper

97 100

99 66.4 51.5 77.3

61 44.1 34.2 51.4



#30

Cyclohexane

Concen: 0.921 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

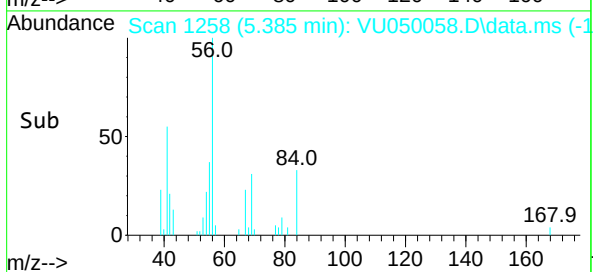
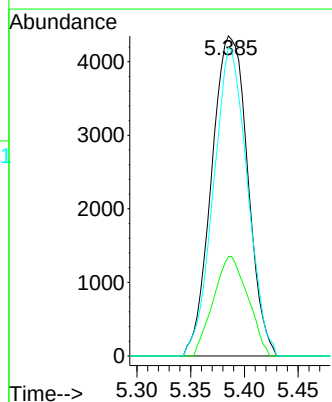
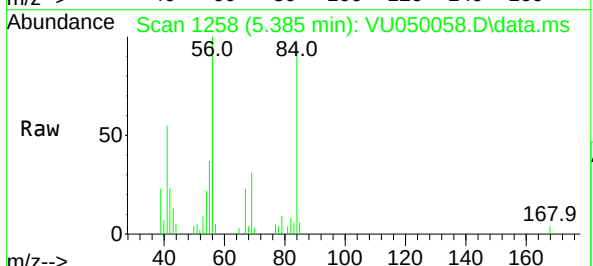
Tgt Ion: 56 Resp: 10139

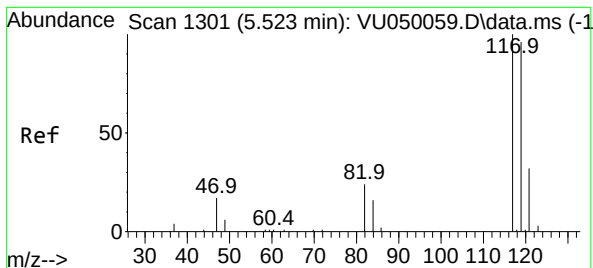
Ion Ratio Lower Upper

56 100

69 29.6 24.6 37.0

84 90.6 69.1 103.7





#31

Carbon tetrachloride

Concen: 1.020 ug/L

RT: 5.520 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

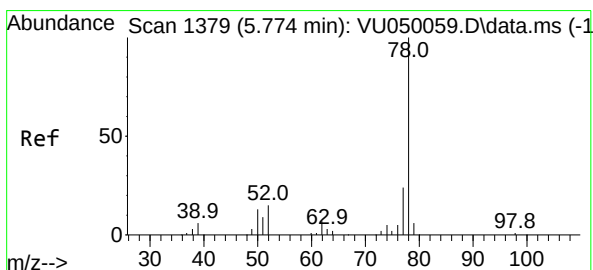
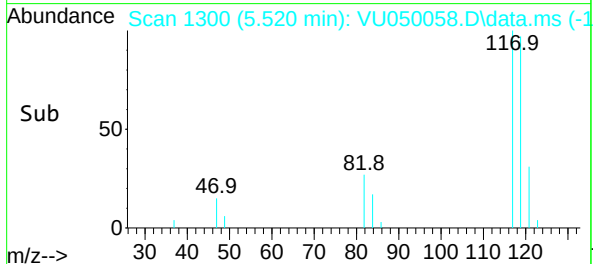
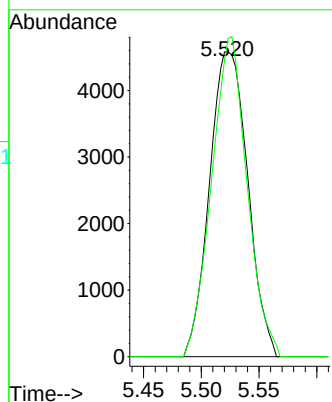
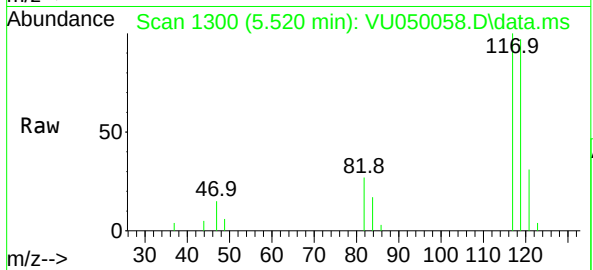
VSTD001051

Tgt Ion:117 Resp: 10560

Ion Ratio Lower Upper

117 100

119 97.1 76.0 114.0



#33

Benzene

Concen: 1.005 ug/L

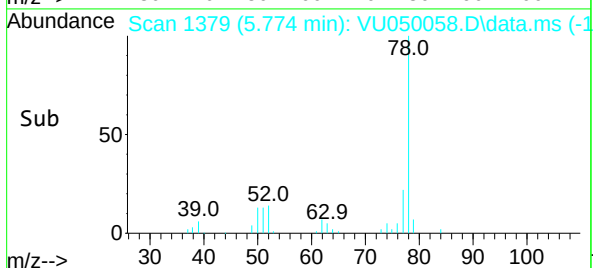
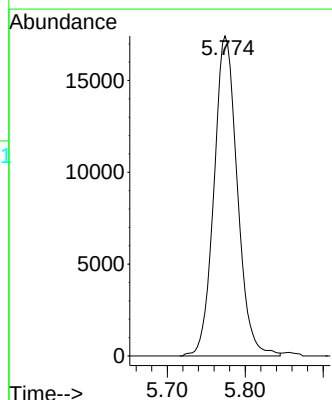
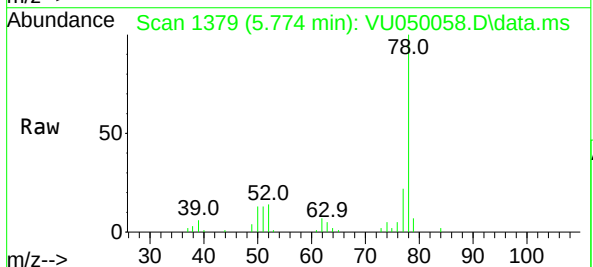
RT: 5.774 min Scan# 1379

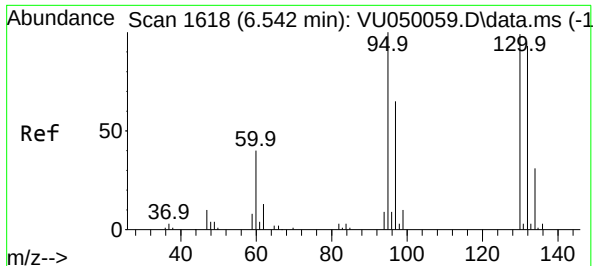
Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Tgt Ion: 78 Resp: 36259



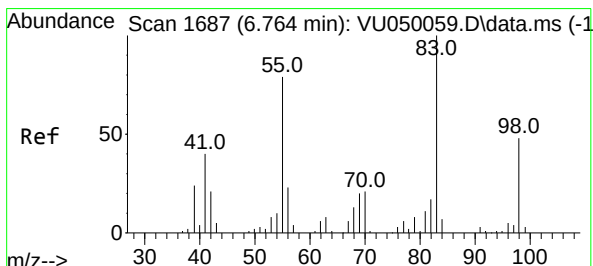
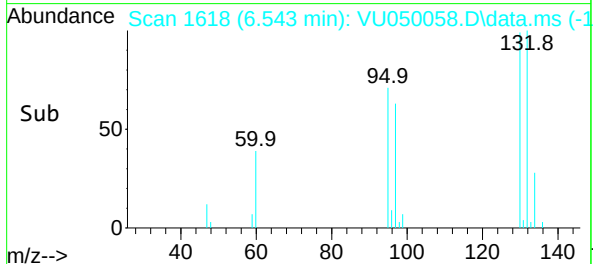
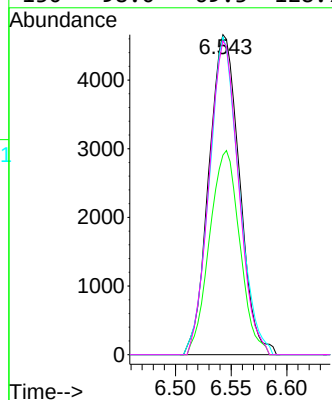
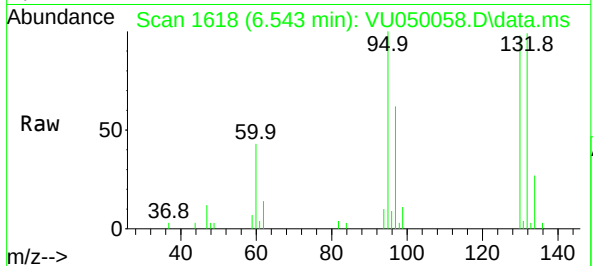


#34
Trichloroethene
Concen: 1.023 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

Tgt Ion: 95 Resp: 8925

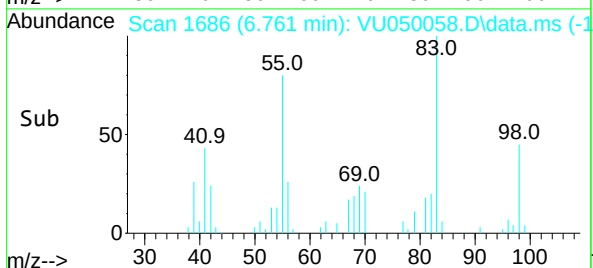
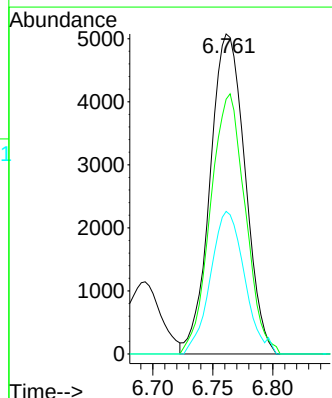
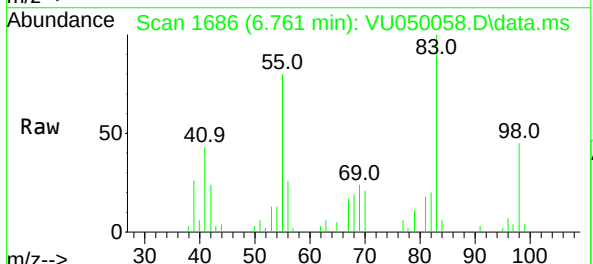
Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.6	84.8
132	99.3	65.0	120.6
130	98.0	69.3	128.7

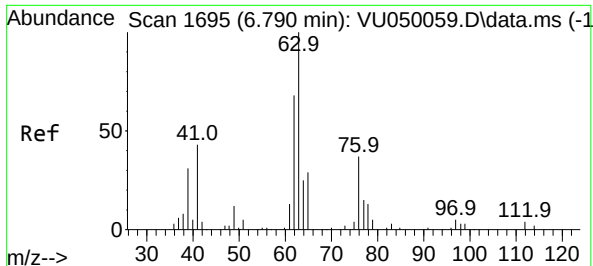


#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 83 Resp: 10277

Ion	Ratio	Lower	Upper
83	100		
55	80.8	62.7	94.1
98	43.4	36.2	54.2





#37

1,2-Dichloropropane

Concen: 1.007 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

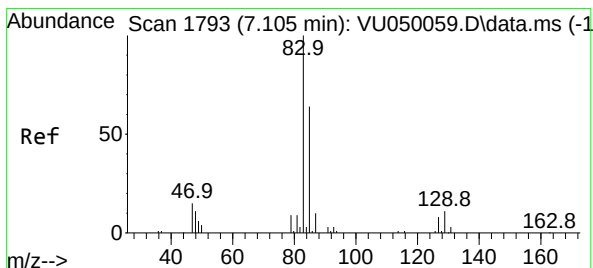
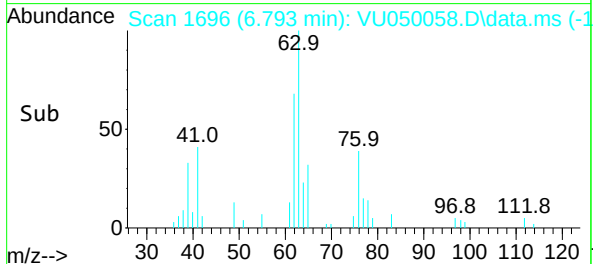
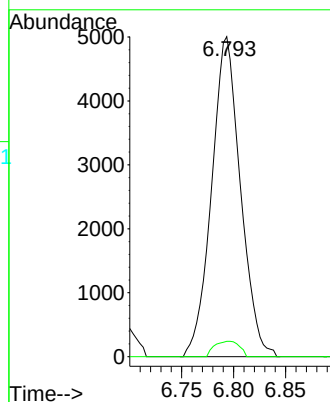
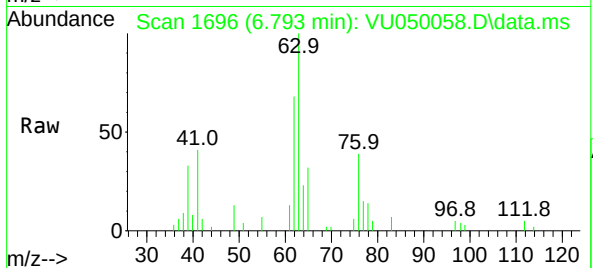
VSTD001051

Tgt Ion: 63 Resp: 9678

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.4



#38

Bromodichloromethane

Concen: 1.028 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

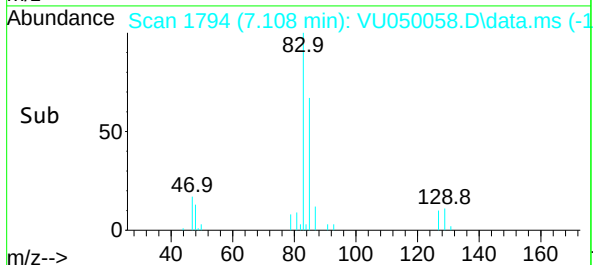
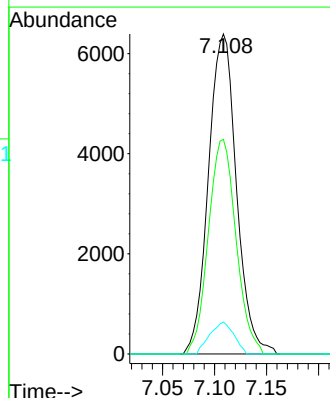
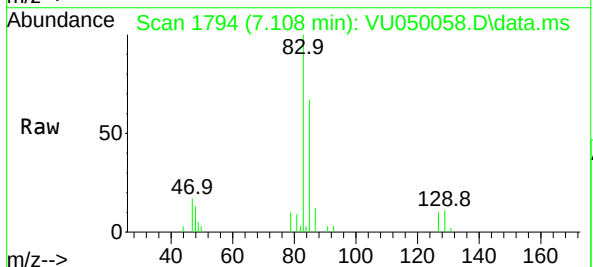
Tgt Ion: 83 Resp: 12002

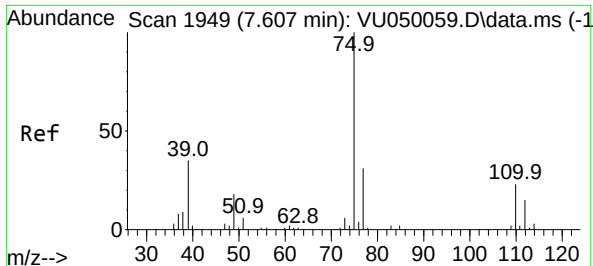
Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.7

127 10.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.944 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

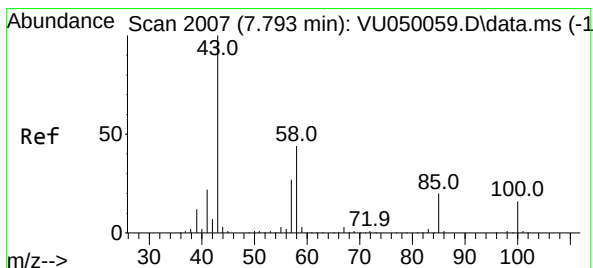
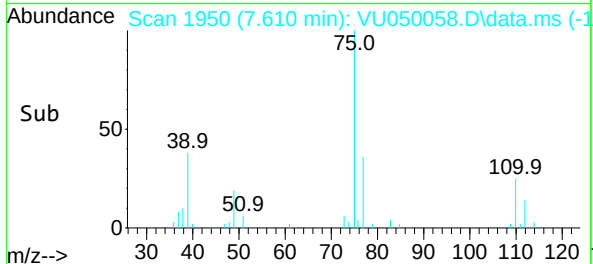
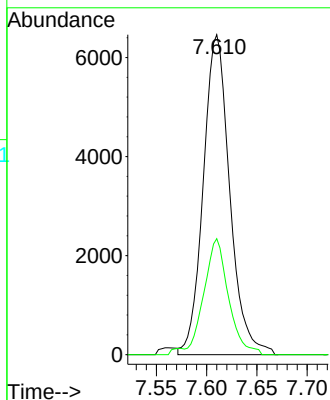
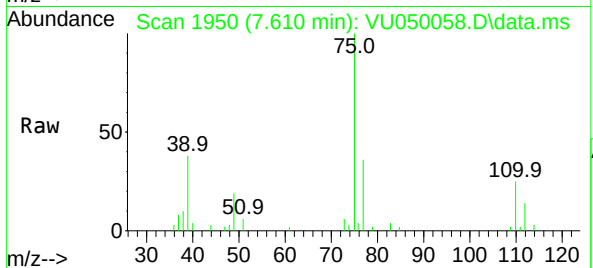
VSTD001051

Tgt Ion: 75 Resp: 11836

Ion Ratio Lower Upper

75 100

77 36.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 9.699 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

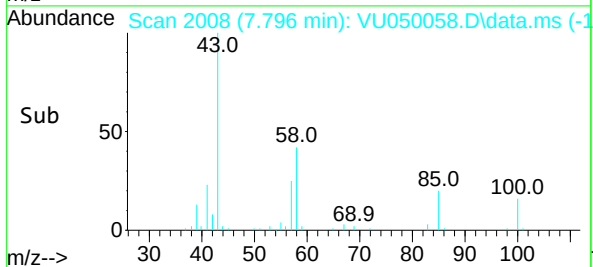
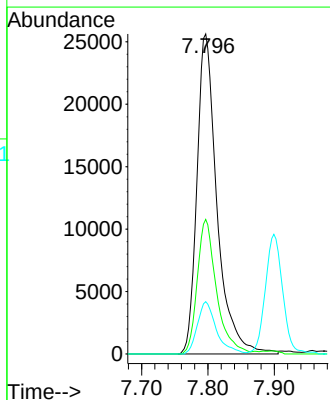
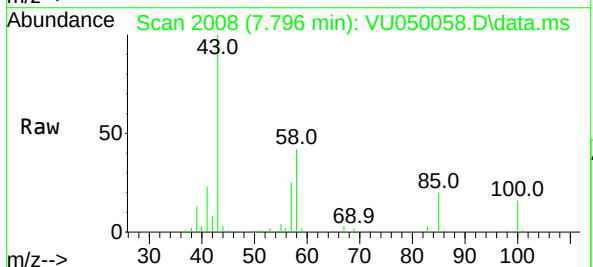
Tgt Ion: 43 Resp: 53991

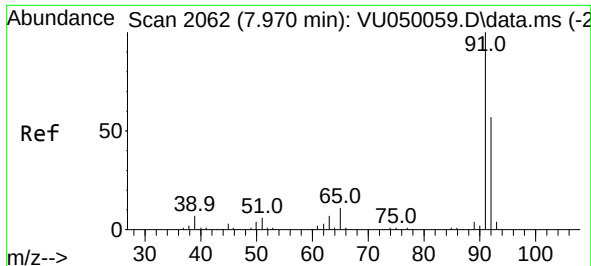
Ion Ratio Lower Upper

43 100

58 40.3 34.6 51.8

100 15.5 13.0 19.4





#42

Toluene

Concen: 0.999 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

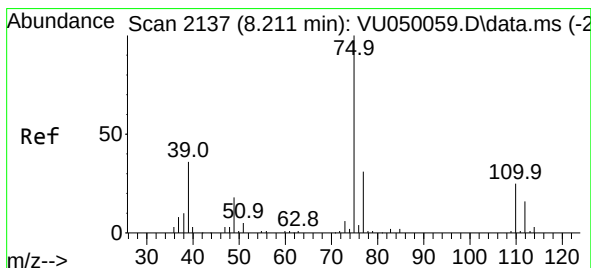
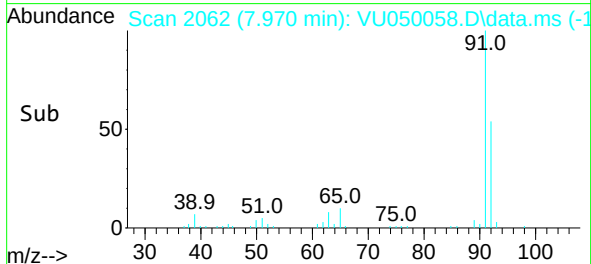
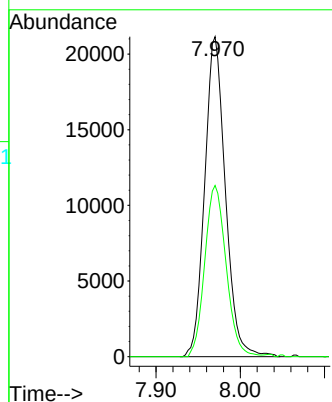
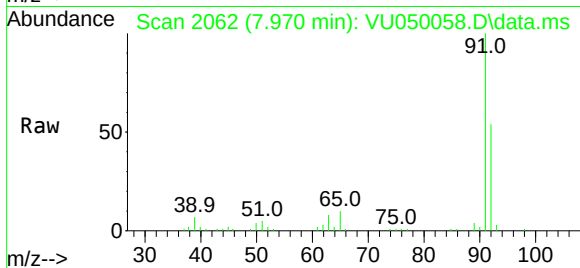
VSTD001051

Tgt Ion: 91 Resp: 36166

Ion Ratio Lower Upper

91 100

92 53.5 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050058.D

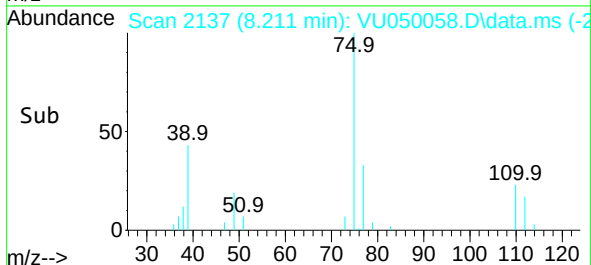
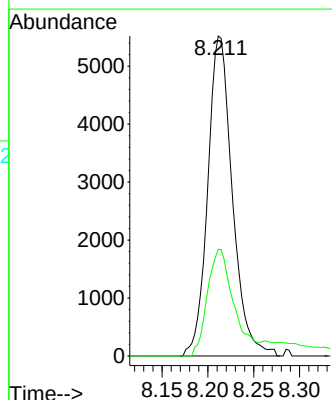
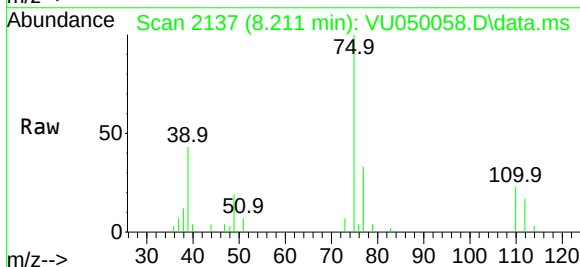
Acq: 04 Aug 2022 10:59

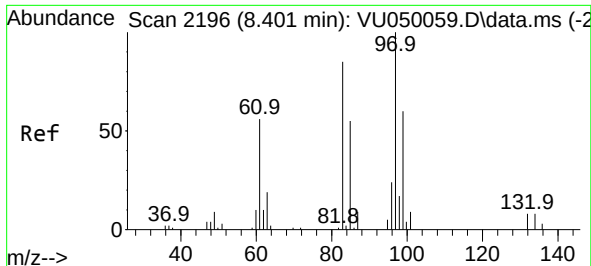
Tgt Ion: 75 Resp: 10317

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8

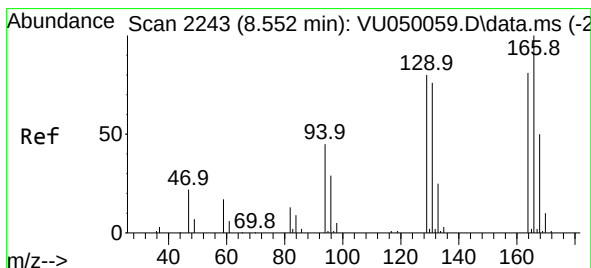
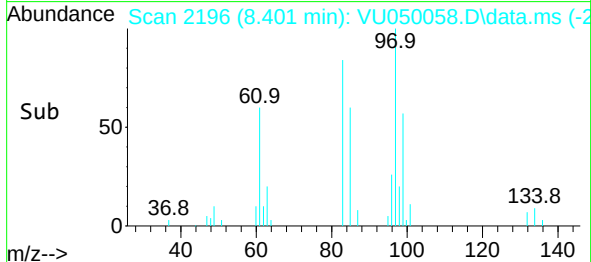
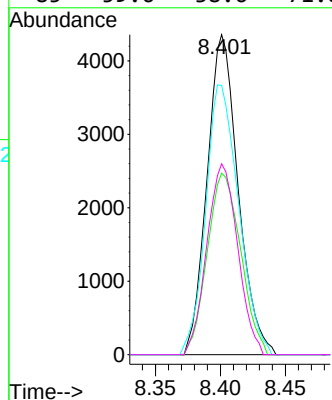
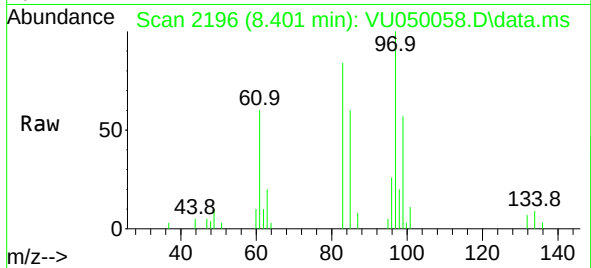




#45
1,1,2-Trichloroethane
Concen: 1.009 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

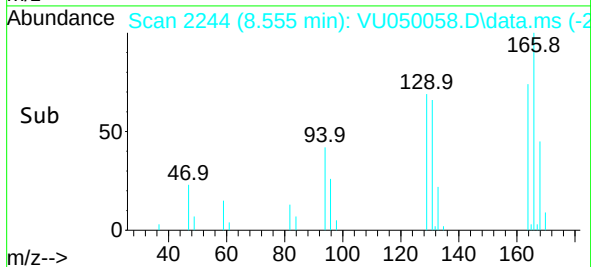
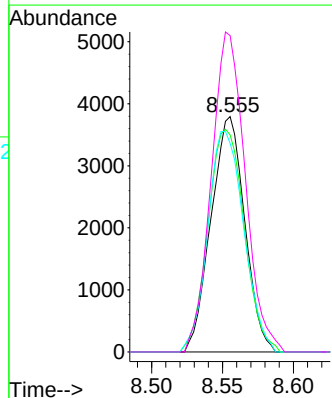
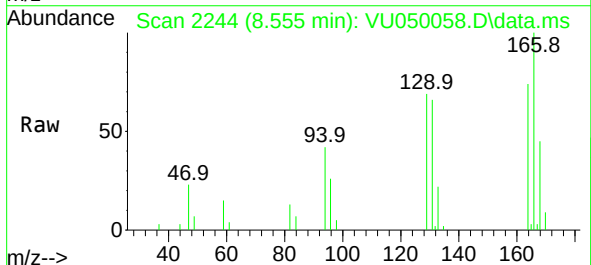
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

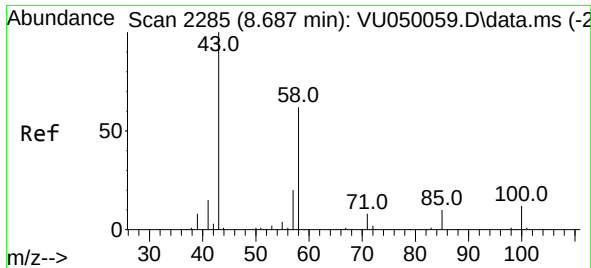
Tgt Ion:	97	Resp:	7251
Ion	Ratio	Lower	Upper
97	100		
99	56.7	42.2	78.4
83	84.1	59.6	110.6
85	59.6	38.6	71.8



#47
Tetrachloroethene
Concen: 1.003 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion:	164	Resp:	6271
Ion	Ratio	Lower	Upper
164	100		
129	92.2	69.0	128.1
131	88.7	65.8	122.2
166	134.4	86.1	159.9

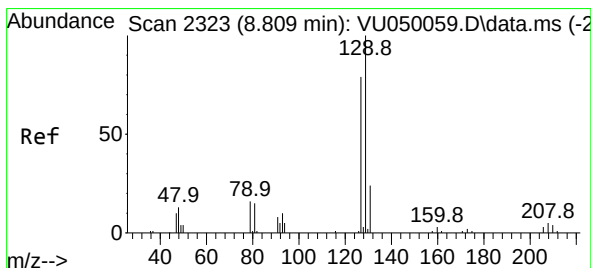
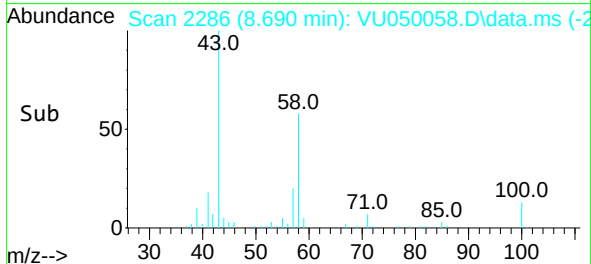
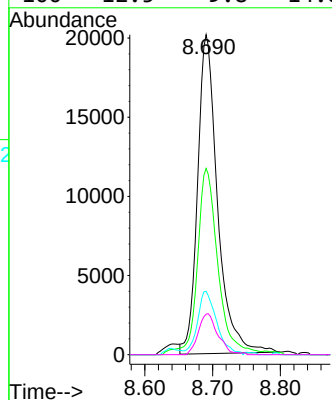
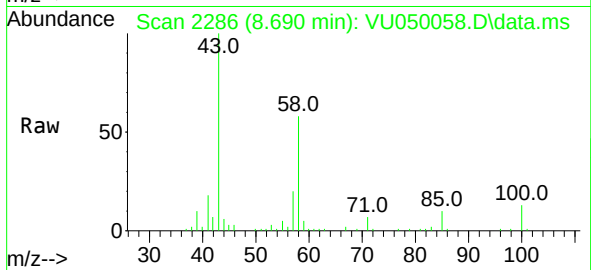




#48
2-Hexanone
Concen: 9.585 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

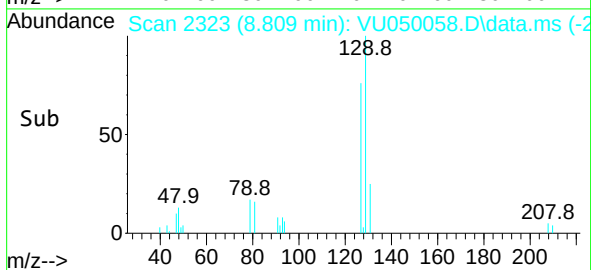
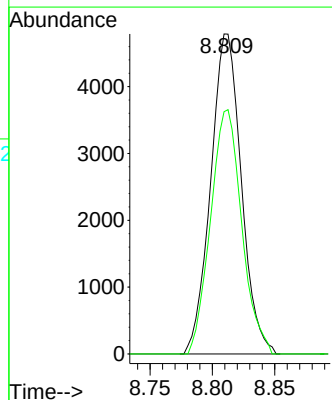
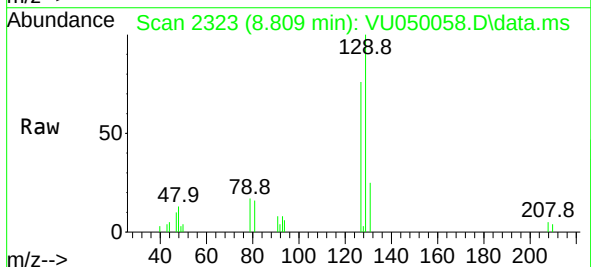
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

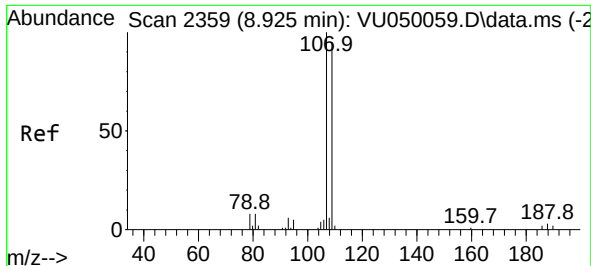
Tgt Ion: 43	Resp: 41270		
Ion	Ratio	Lower	Upper
43	100		
58	59.8	50.6	76.0
57	19.1	16.0	24.0
100	12.5	9.8	14.8



#49
Dibromochloromethane
Concen: 1.030 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion:129	Resp:	8190	
Ion	Ratio	Lower	Upper
129	100		
127	75.7	55.3	102.7





#50

1,2-Dibromoethane

Concen: 1.000 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD001051

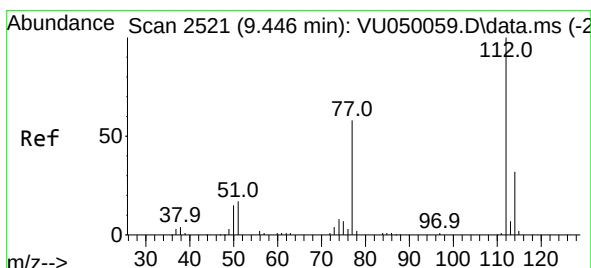
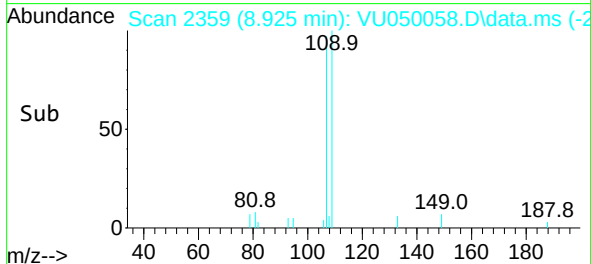
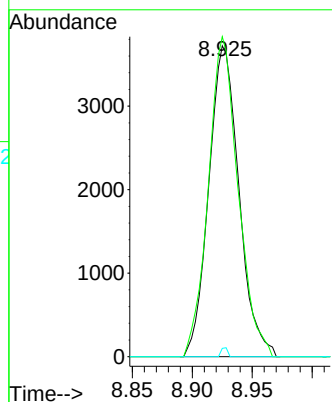
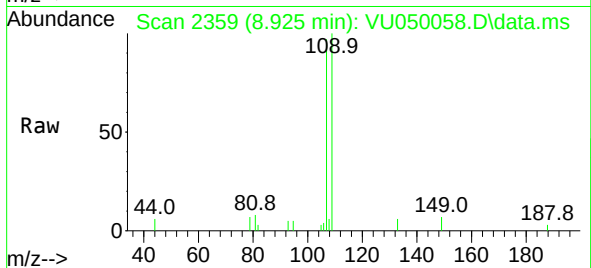
Tgt Ion:107 Resp: 6512

Ion Ratio Lower Upper

107 100

109 103.0 66.6 123.6

188 2.7 2.7 4.1#



#51

Chlorobenzene

Concen: 1.026 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

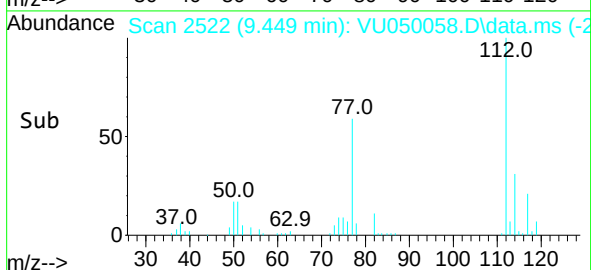
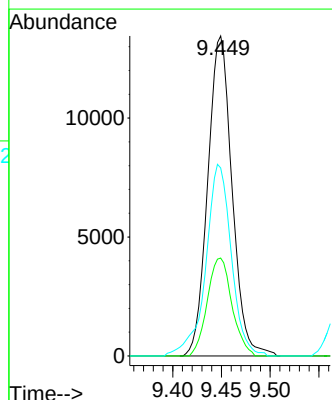
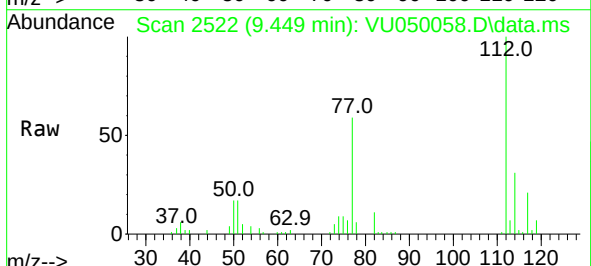
Tgt Ion:112 Resp: 23351

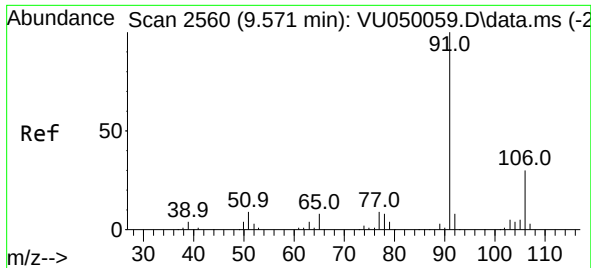
Ion Ratio Lower Upper

112 100

114 30.6 22.1 41.1

77 58.7 46.3 69.5

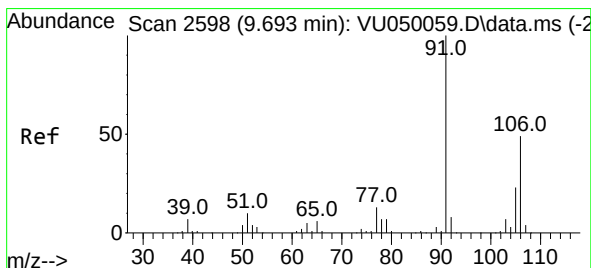
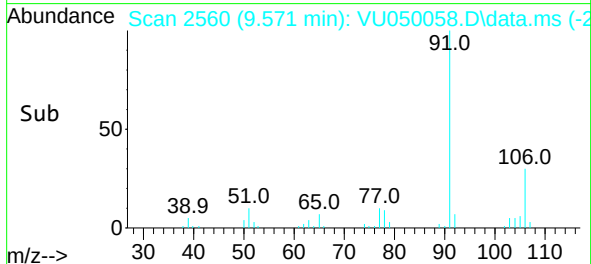
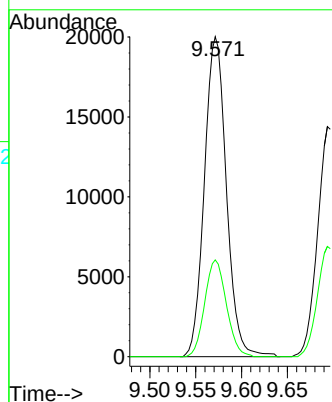
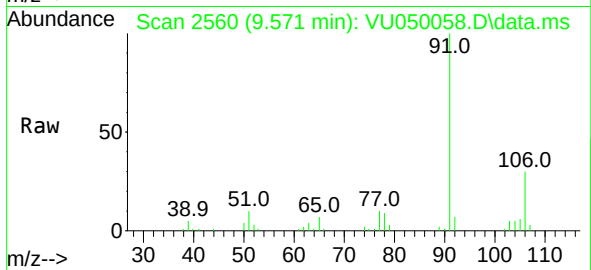




#52
Ethylbenzene
Concen: 0.946 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

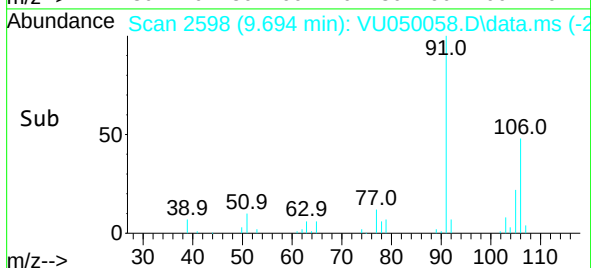
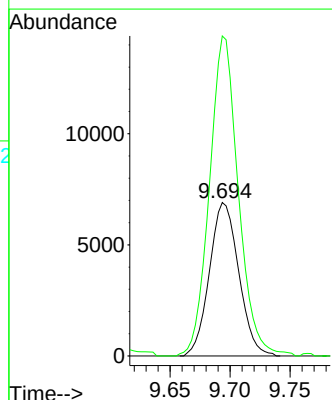
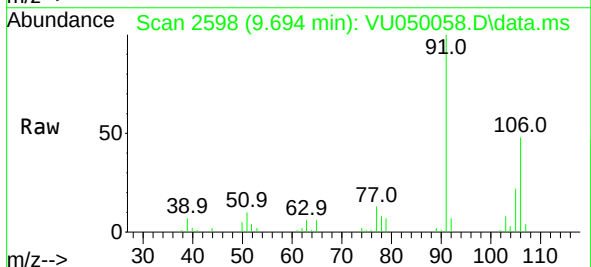
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

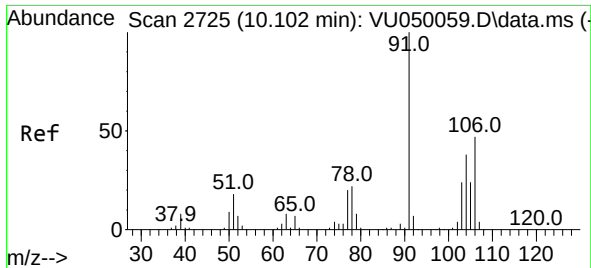
Tgt Ion: 91 Resp: 33408
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 0.903 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 106 Resp: 11743
Ion Ratio Lower Upper
106 100
91 208.6 143.1 265.9

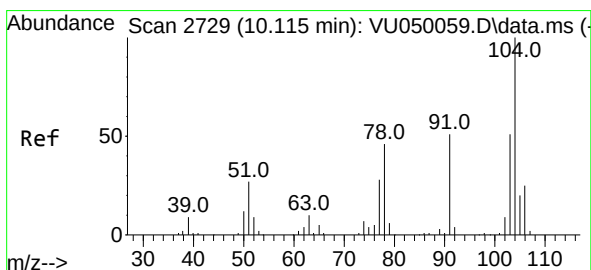
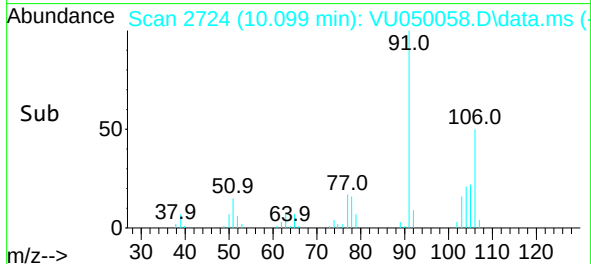
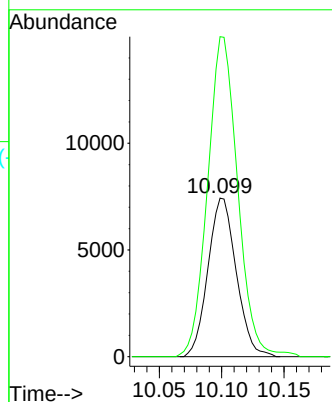
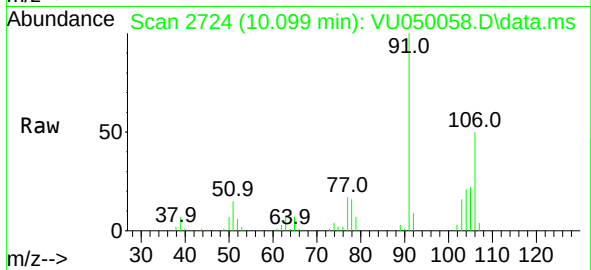




#54
o-Xylene
Concen: 0.904 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

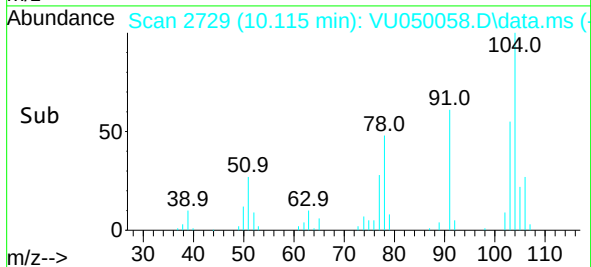
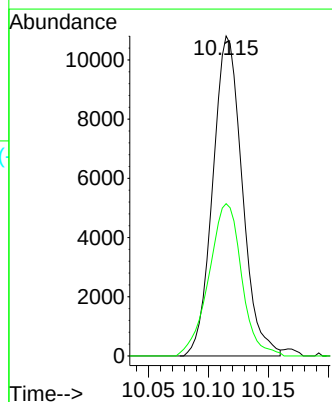
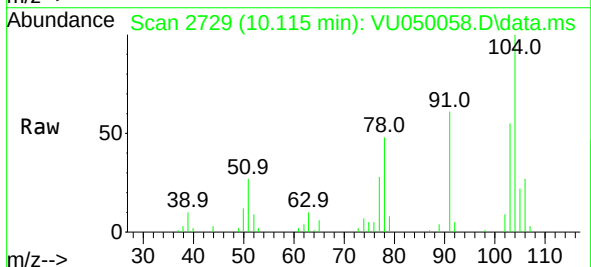
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

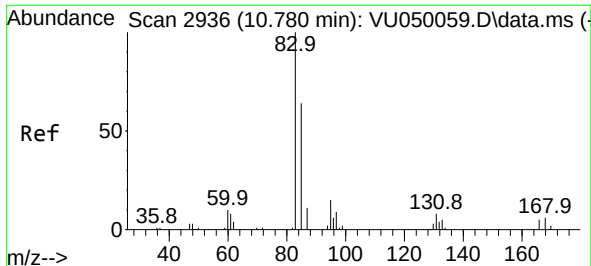
Tgt Ion:106 Resp: 11736
Ion Ratio Lower Upper
106 100
91 201.9 149.4 277.4



#55
Styrene
Concen: 0.850 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion:104 Resp: 18424
Ion Ratio Lower Upper
104 100
78 47.6 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.064 ug/L

RT: 10.784 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD001051

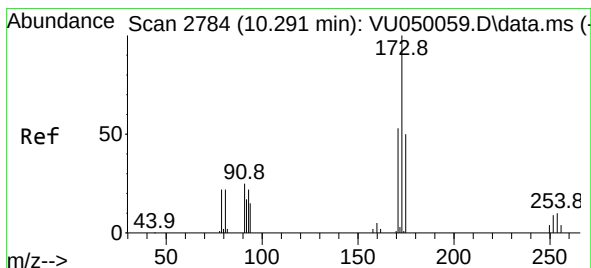
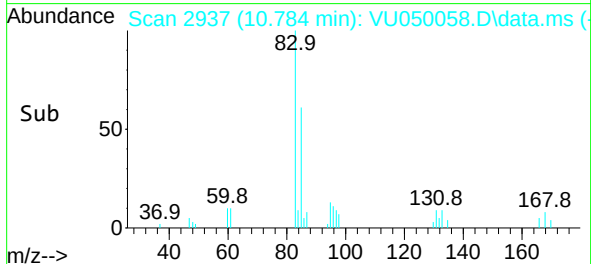
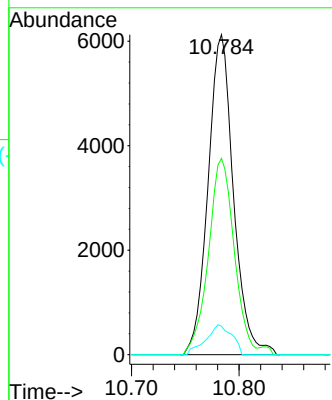
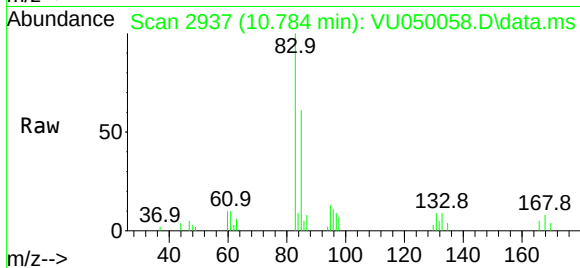
Tgt Ion: 83 Resp: 10042

Ion Ratio Lower Upper

83 100

85 61.4 45.2 84.0

131 8.9 6.6 9.8



#59

Bromoform

Concen: 1.096 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

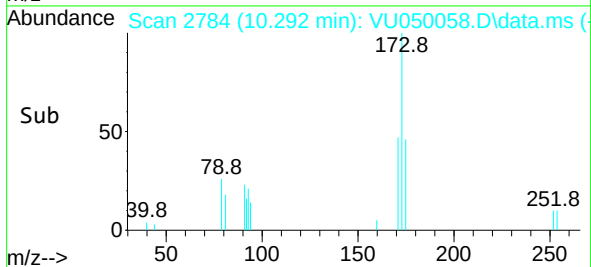
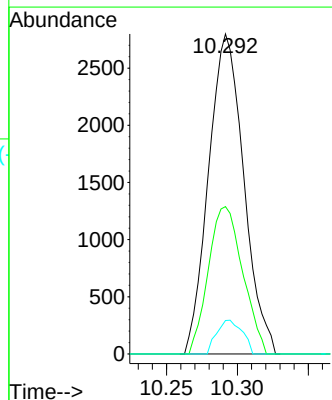
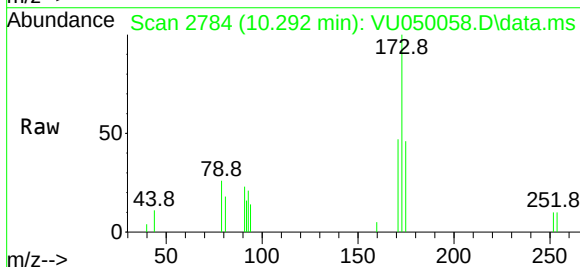
Tgt Ion:173 Resp: 4826

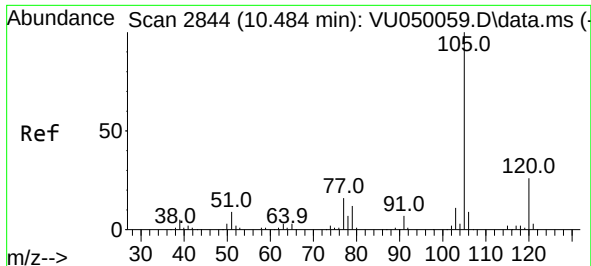
Ion Ratio Lower Upper

173 100

175 44.9 37.0 55.6

254 7.7 7.4 11.0

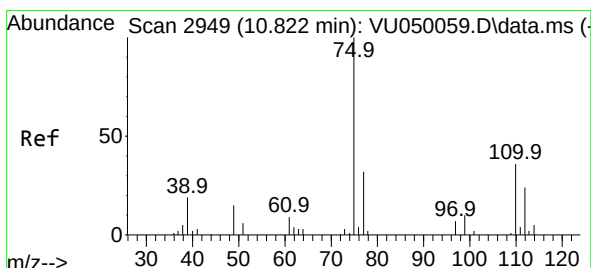
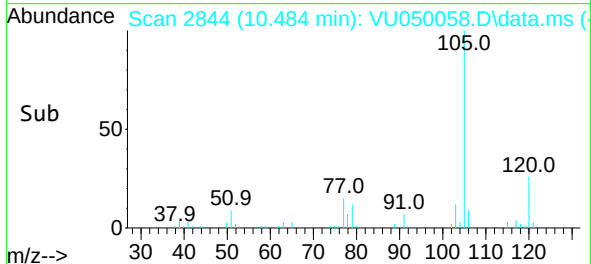
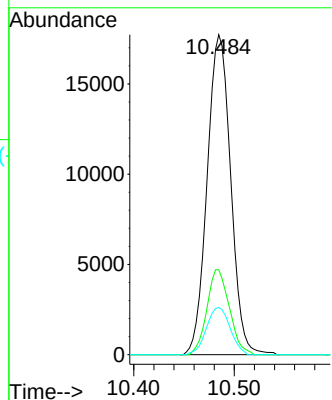
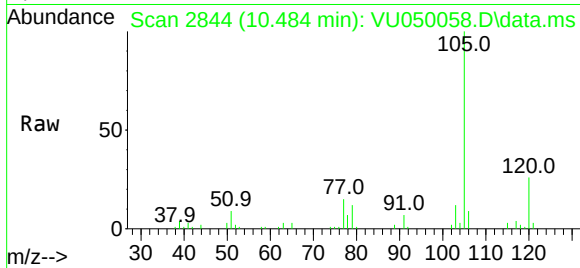




#60
Isopropylbenzene
Concen: 0.985 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

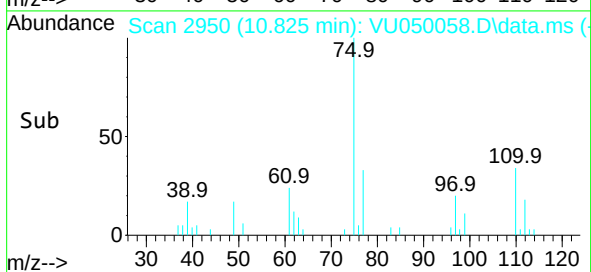
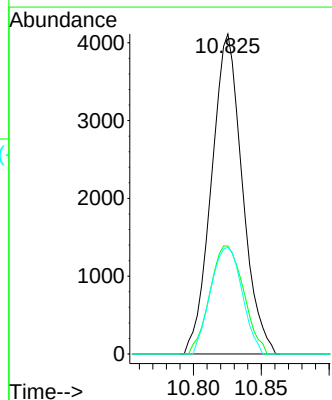
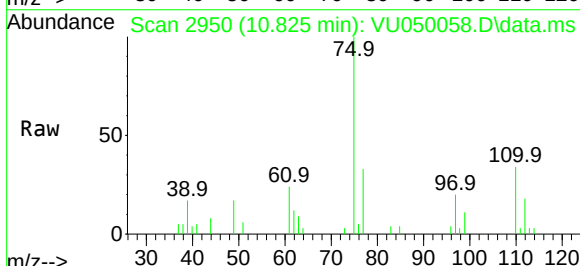
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

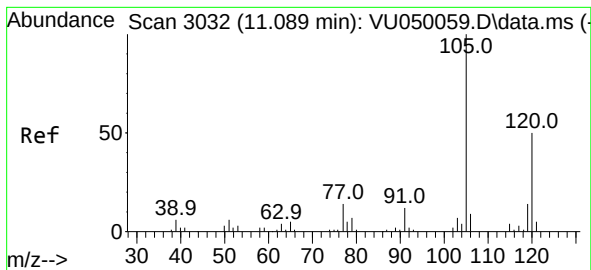
Tgt Ion:105 Resp: 28869
Ion Ratio Lower Upper
105 100
120 25.3 20.8 31.2
77 14.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 1.089 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion: 75 Resp: 6512
Ion Ratio Lower Upper
75 100
110 36.8 28.5 42.7
77 34.0 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 0.955 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

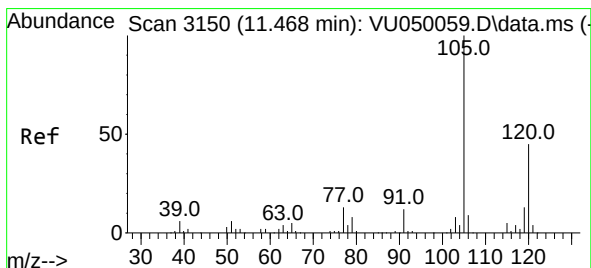
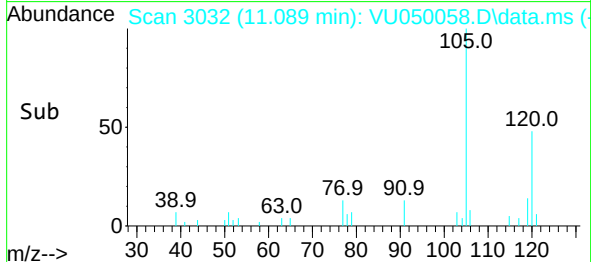
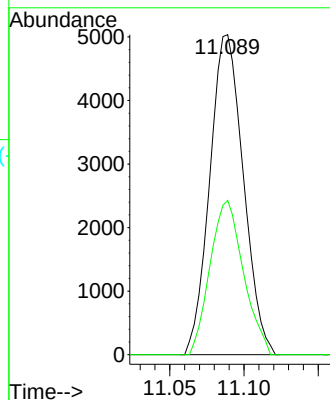
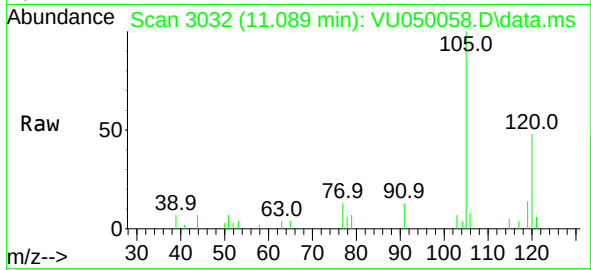
VSTD001051

Tgt Ion:105 Resp: 7913

Ion Ratio Lower Upper

105 100

120 47.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.906 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050058.D

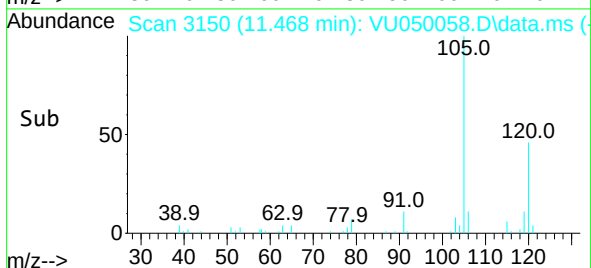
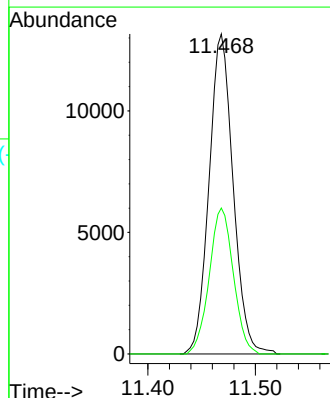
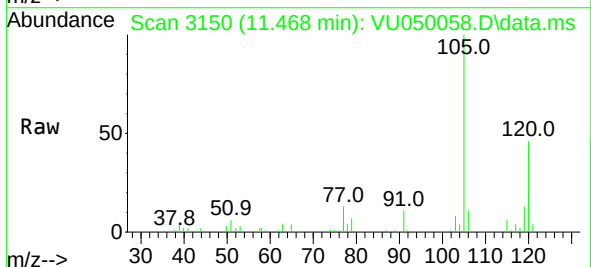
Acq: 04 Aug 2022 10:59

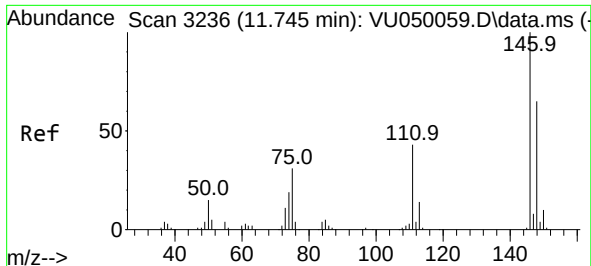
Tgt Ion:105 Resp: 20449

Ion Ratio Lower Upper

105 100

120 45.7 35.9 53.9

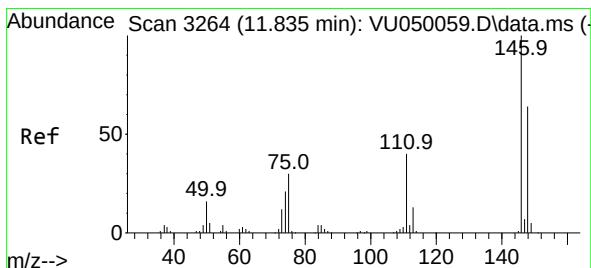
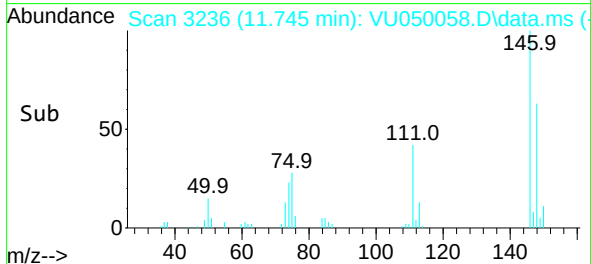
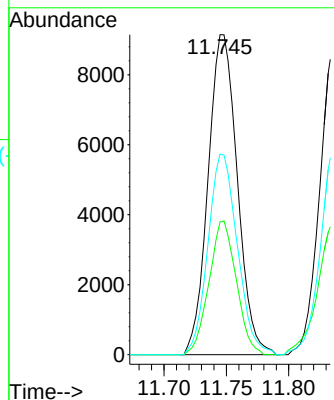
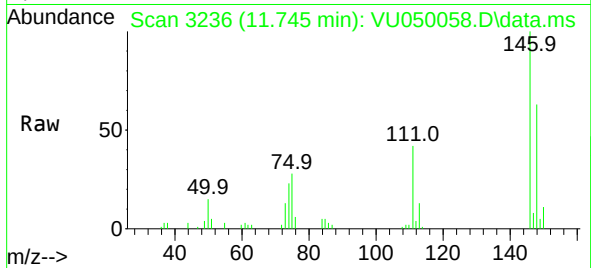




#64
1,3-Dichlorobenzene
Concen: 1.012 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

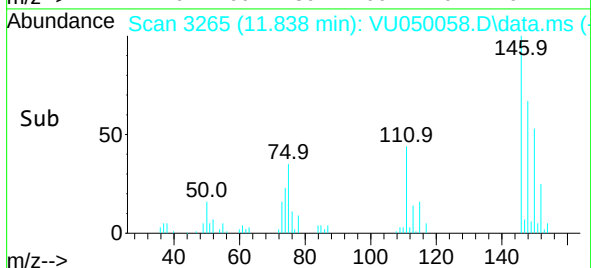
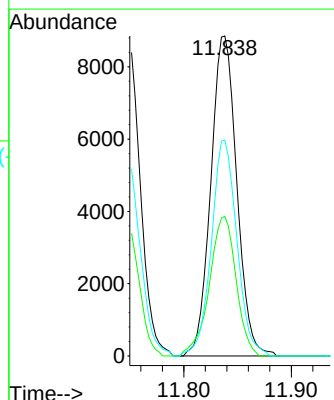
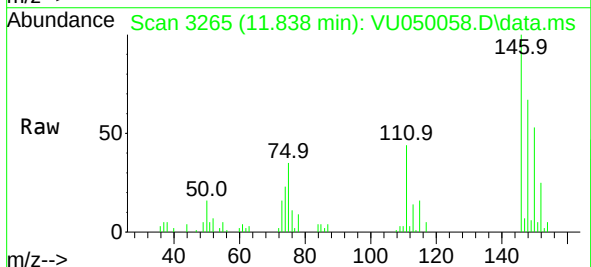
Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

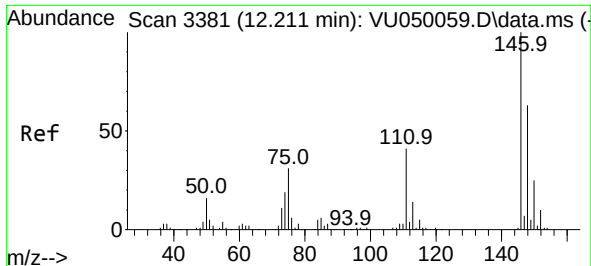
Tgt Ion:146 Resp: 14949
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 62.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 1.035 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion:146 Resp: 14876
Ion Ratio Lower Upper
146 100
111 43.6 28.1 52.1
148 67.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 1.049 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD001051

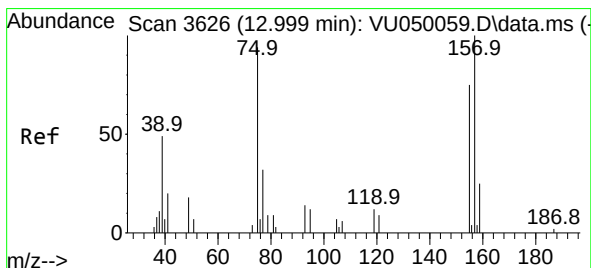
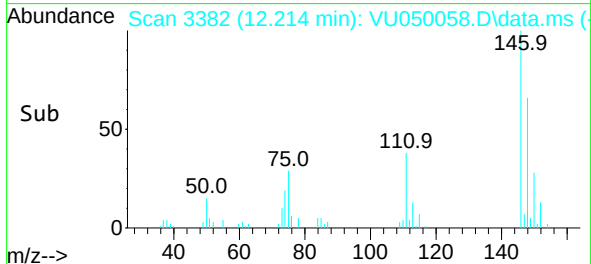
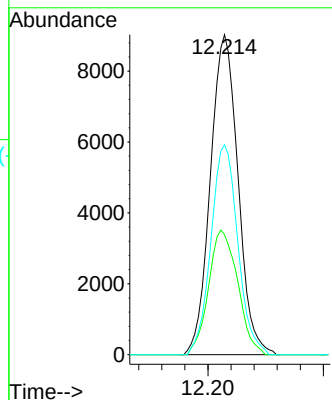
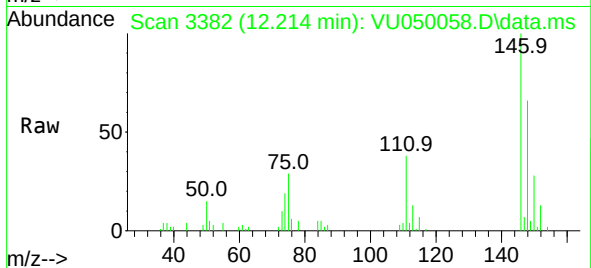
Tgt Ion:146 Resp: 15011

Ion Ratio Lower Upper

146 100

111 37.5 32.9 49.3

148 65.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 1.063 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU050058.D

Acq: 04 Aug 2022 10:59

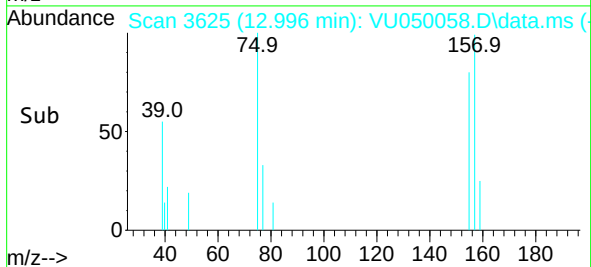
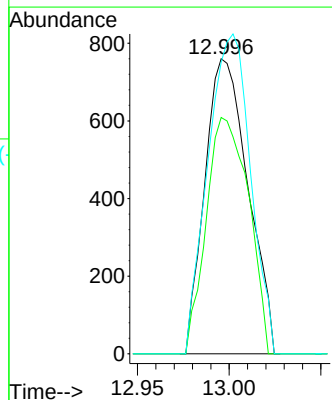
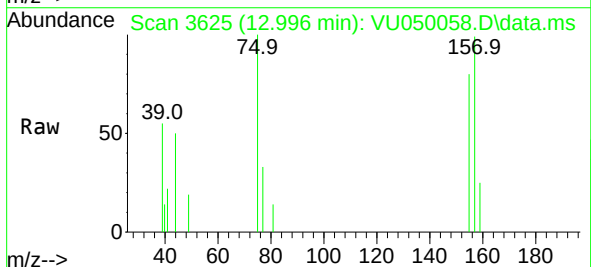
Tgt Ion: 75 Resp: 1246

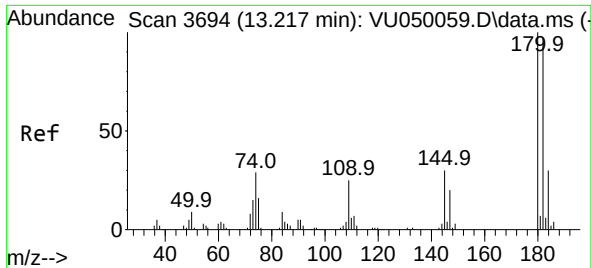
Ion Ratio Lower Upper

75 100

155 80.1 63.5 95.3

157 98.8 85.0 127.6

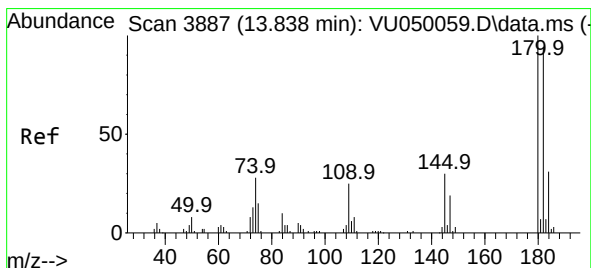
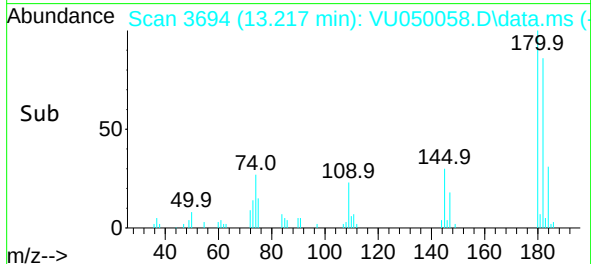
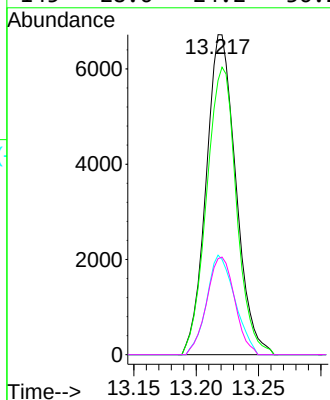
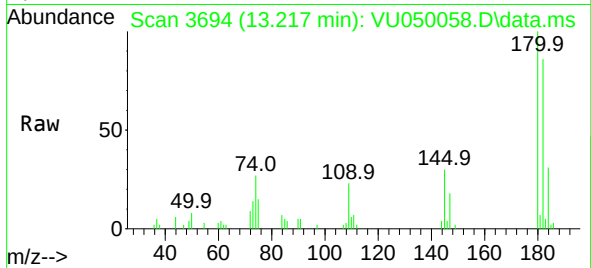




#69
 1,3,5-Trichlorobenzene
 Concen: 1.059 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050058.D
 Acq: 04 Aug 2022 10:59

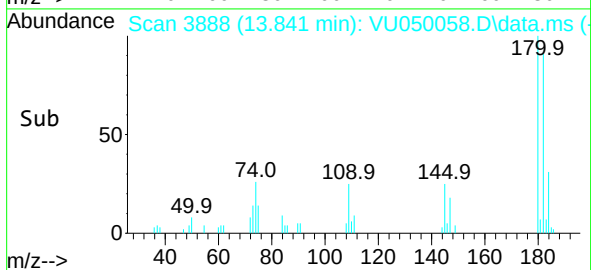
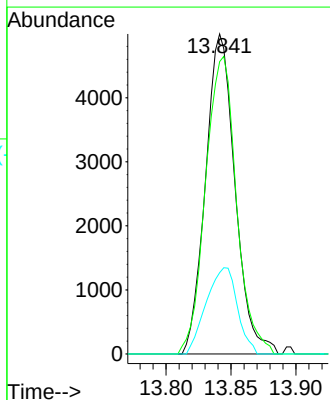
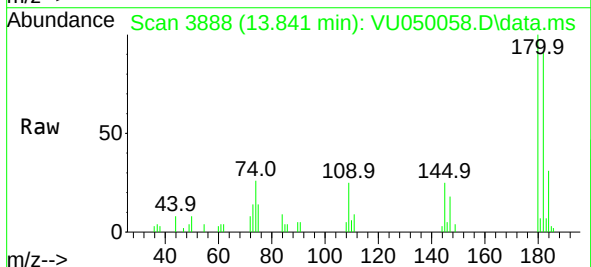
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001051

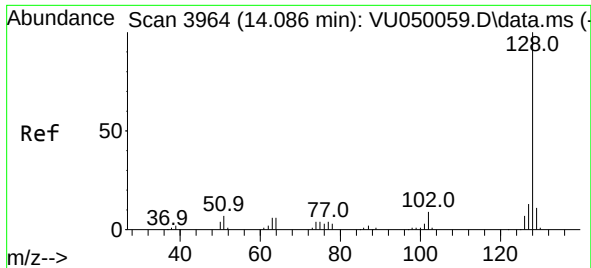
Tgt Ion:	180	Resp:	11144
Ion Ratio	Lower	Upper	
180	100		
182	90.0	77.3	115.9
184	29.6	24.1	36.1
145	28.6	24.2	36.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.991 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050058.D
 Acq: 04 Aug 2022 10:59

Tgt Ion:	180	Resp:	7901
Ion Ratio	Lower	Upper	
180	100		
182	97.2	76.9	115.3
145	28.3	24.2	36.4

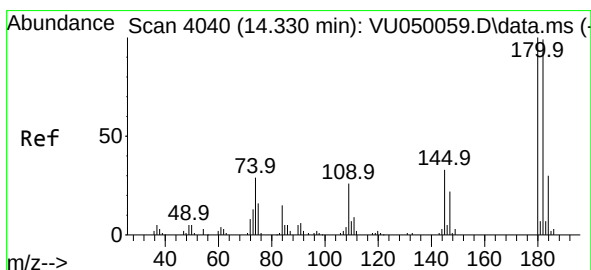
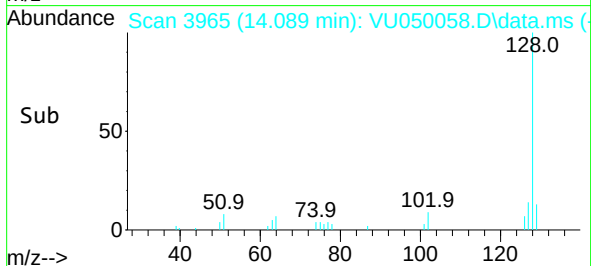
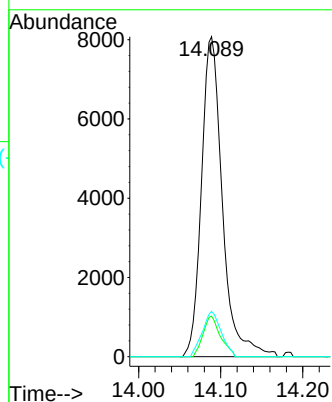
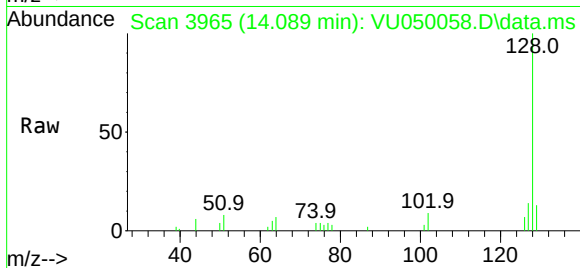




#71
Naphthalene
Concen: 0.876 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD001051

Tgt Ion:128	Resp:	14326
Ion Ratio	Lower	Upper
128	100	
129	10.5	8.6 12.8
127	12.8	10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.969 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050058.D
Acq: 04 Aug 2022 10:59

Tgt Ion:180	Resp:	7834
Ion Ratio	Lower	Upper
180	100	
182	90.1	77.5 116.3
145	30.9	25.8 38.6

