

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050061.D
 Acq On : 04 Aug 2022 12:13
 Operator : SY/MD
 Sample : VSTD02054
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020054

Quant Time: Aug 05 04:30:22 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	110016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	105964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54071	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	176905	19.322	ug/L	0.00
7) Chloroethane-d5	1.909	69	137575	18.625	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	67881	18.970	ug/L	0.00
20) 2-Butanone-d5	4.636	46	477368	213.809	ug/L	0.00
24) Chloroform-d	5.063	84	325287	19.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	160935	18.406	ug/L	0.00
32) Benzene-d6	5.726	84	661029	19.990	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	214682	19.715	ug/L	0.00
41) Toluene-d8	7.899	98	593608	20.325	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	82352	21.104	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	334073	241.423	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	186503	19.504	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	202134	19.080	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	191898	19.025	ug/L	98
3) Chloromethane	1.520	50	238349	18.065	ug/L	100
5) Vinyl chloride	1.601	62	226769	19.187	ug/L	100
6) Bromomethane	1.855	94	136913	18.146	ug/L	99
8) Chloroethane	1.928	64	124757	17.913	ug/L	99
9) Trichlorofluoromethane	2.131	101	244491	18.889	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	138080	19.177	ug/L	97
12) 1,1-Dichloroethene	2.572	96	147589	19.408	ug/L	94
13) Acetone	2.646	43	272222	218.933	ug/L	99
14) Carbon disulfide	2.784	76	509852	18.771	ug/L	100
15) Methyl Acetate	2.957	43	68975	20.317	ug/L	99
16) Methylene chloride	3.041	84	186193	16.024	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	407715	20.543	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	167630	19.687	ug/L	97
19) 1,1-Dichloroethane	3.867	63	309950	19.222	ug/L	98
21) 2-Butanone	4.716	43	500673	223.924	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	192373	20.355	ug/L	99
23) Bromochloromethane	4.973	128	86061	19.052	ug/L	100
25) Chloroform	5.086	83	323281	18.806	ug/L	97
27) 1,2-Dichloroethane	5.797	62	198514	18.975	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	255058	19.621	ug/L	99
30) Cyclohexane	5.385	56	249193	22.003	ug/L	99
31) Carbon tetrachloride	5.523	117	211365	19.836	ug/L	99
33) Benzene	5.774	78	745019	20.067	ug/L	100
34) Trichloroethene	6.542	95	179625	20.005	ug/L	98
35) Methylcyclohexane	6.761	83	257694	22.232	ug/L	97
37) 1,2-Dichloropropane	6.790	63	193531	19.570	ug/L	100
38) Bromodichloromethane	7.105	83	235018	19.565	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	277104	21.471	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	1184476	206.792	ug/L	98
42) Toluene	7.970	91	777922	20.893	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	234800	21.213	ug/L	99

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

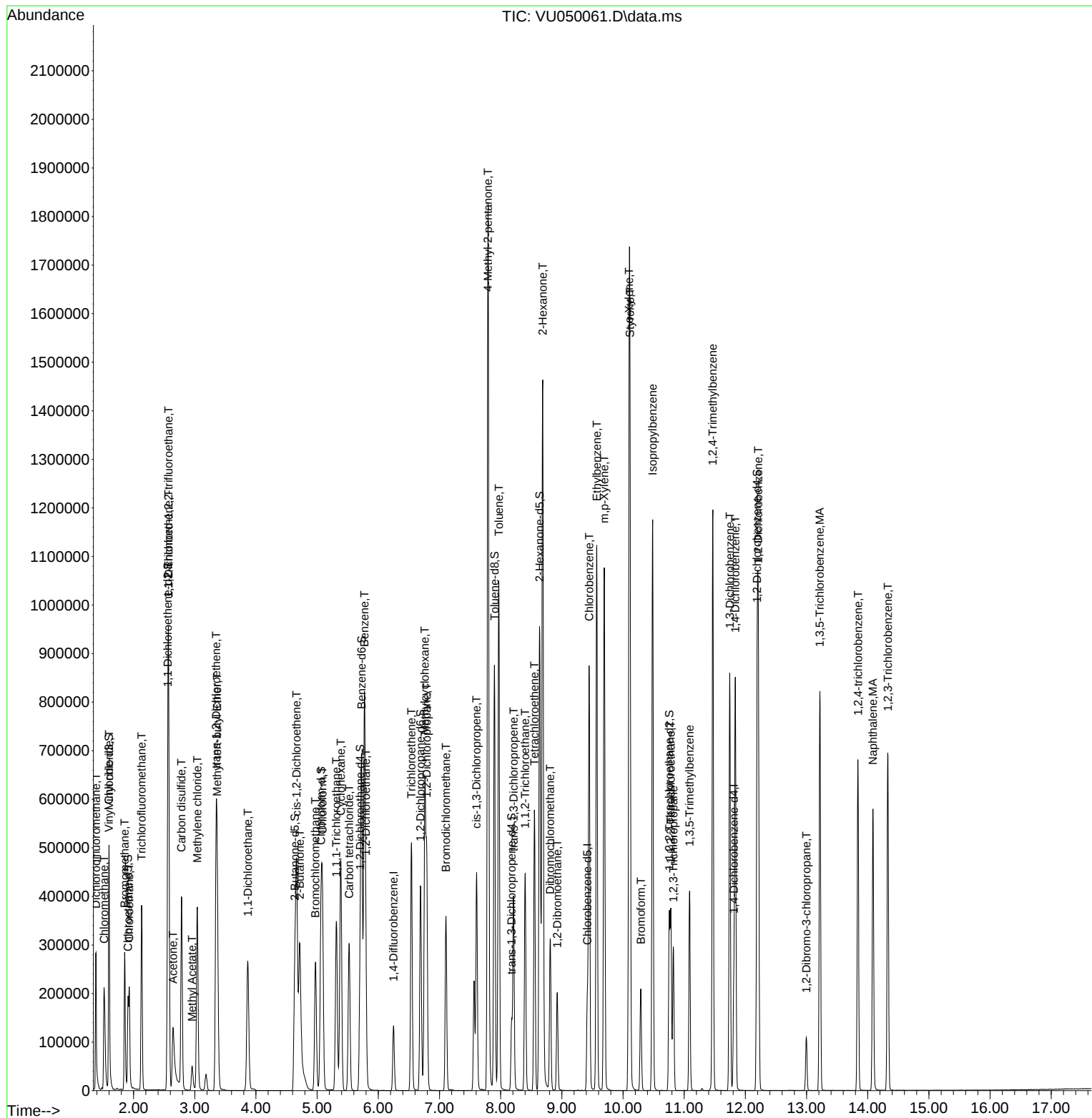
45) 1,1,2-Trichloroethane	8.401	97	143183	19.369	ug/L	96
47) Tetrachloroethene	8.552	164	127897	19.880	ug/L	98
48) 2-Hexanone	8.687	43	906817	204.692	ug/L	98
49) Dibromochloromethane	8.809	129	162712	19.887	ug/L	97
50) 1,2-Dibromoethane	8.925	107	134236	20.027	ug/L	99
51) Chlorobenzene	9.446	112	470324	20.076	ug/L	98
52) Ethylbenzene	9.571	91	802150	22.078	ug/L	100
53) m,p-Xylene	9.693	106	309652	23.142	ug/L	100
54) o-Xylene	10.099	106	307206	23.000	ug/L	98
55) Styrene	10.115	104	531849	23.835	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	187081	19.259	ug/L	99
59) Bromoform	10.291	173	95353	17.584	ug/L	98
60) Isopropylbenzene	10.484	105	765115	21.188	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	127497	17.309	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	222728	21.831	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	646725	23.267	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	349616	19.208	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	341180	19.265	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	340966	19.345	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	28484	19.723	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	255574	19.712	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	210932	21.471	ug/L	100
71) Naphthalene	14.086	128	462986	22.984	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	213095	21.398	ug/L	99

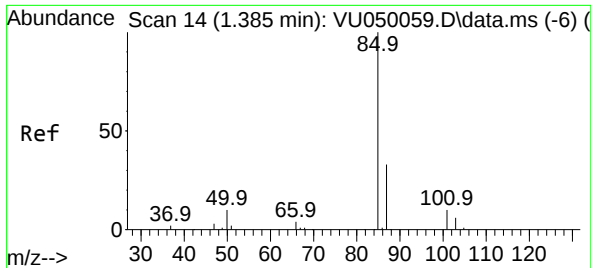
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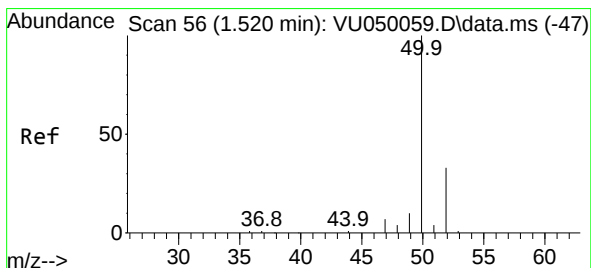
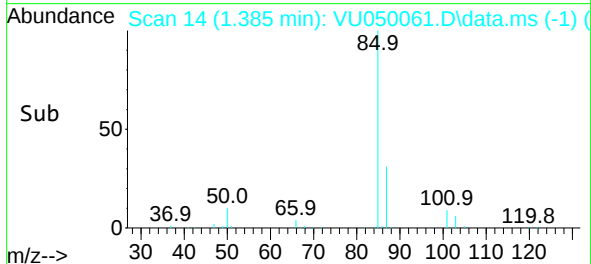
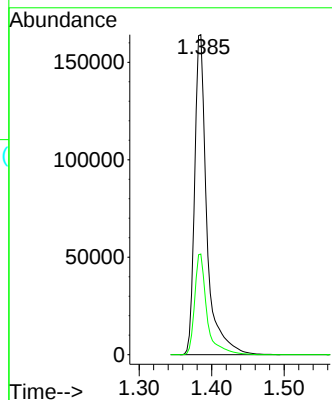
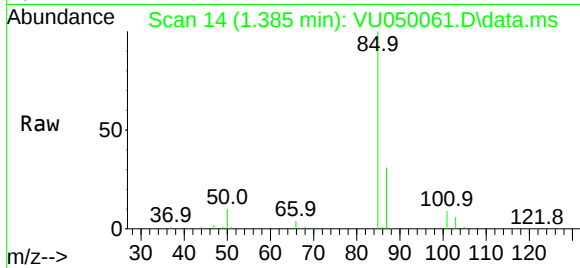




#2
Dichlorodifluoromethane
Concen: 19.025 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

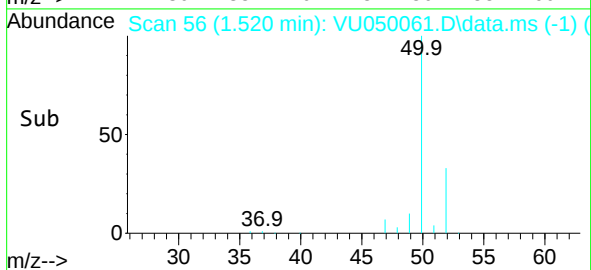
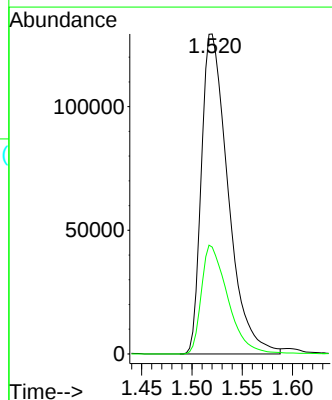
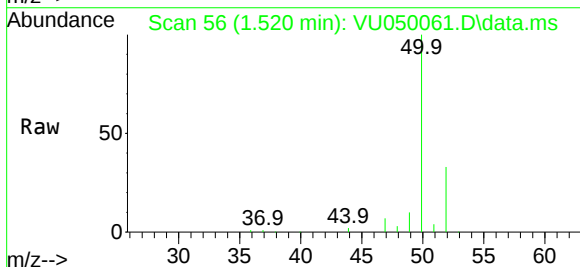
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

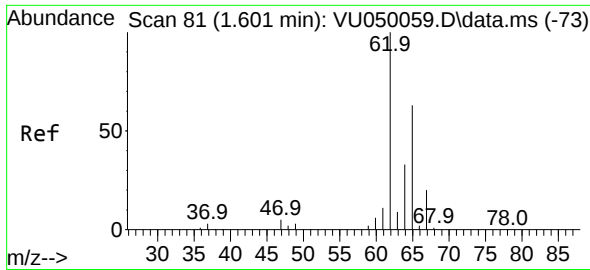
Tgt Ion: 85 Resp: 191898
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4



#3
Chloromethane
Concen: 18.065 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 50 Resp: 238349
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

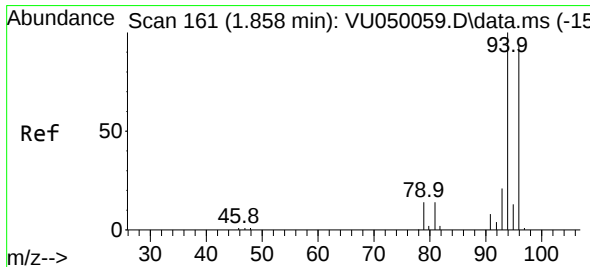
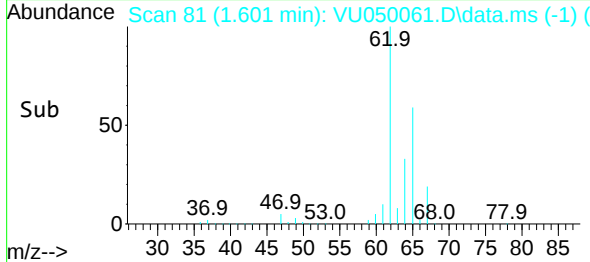
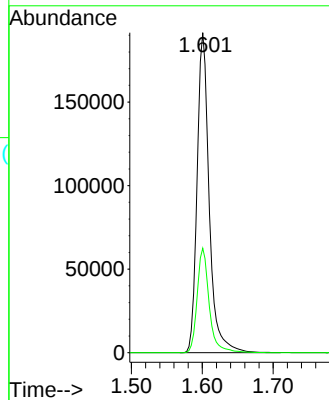
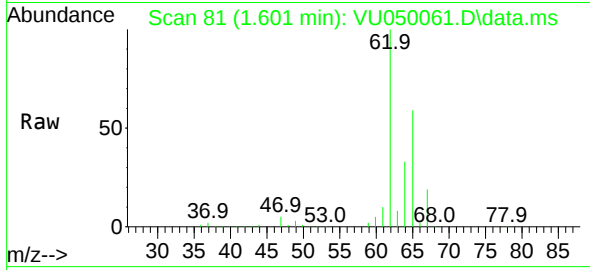




#5
 Vinyl chloride
 Concen: 19.187 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050061.D
 Acq: 04 Aug 2022 12:13

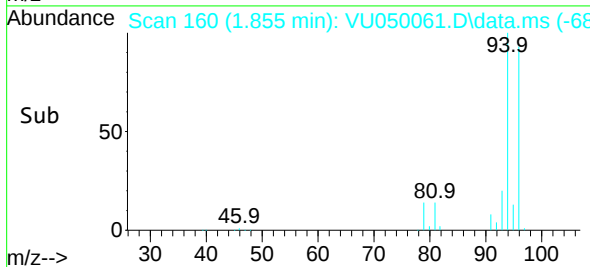
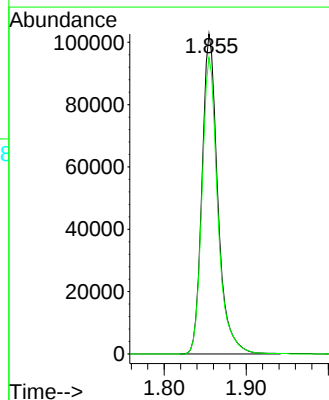
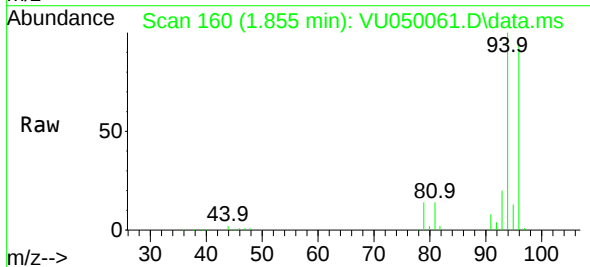
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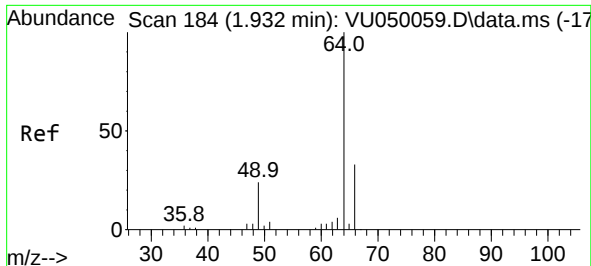
Tgt Ion: 62 Resp: 226769
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 18.146 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU050061.D
 Acq: 04 Aug 2022 12:13

Tgt Ion: 94 Resp: 136913
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.3 121.3

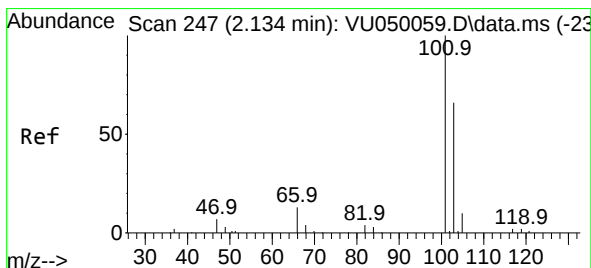
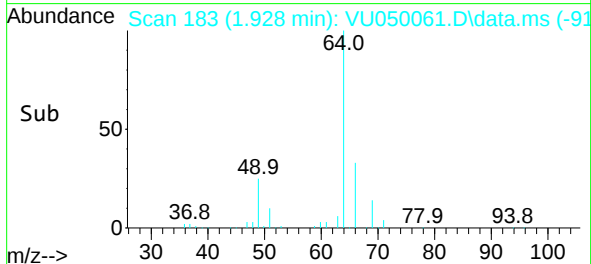
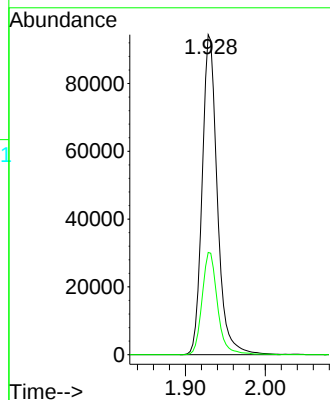
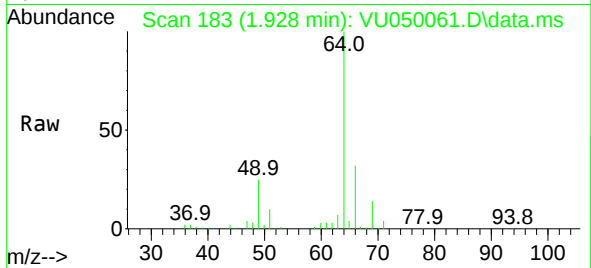




#8
Chloroethane
Concen: 17.913 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

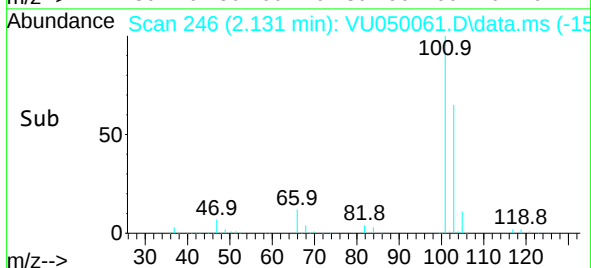
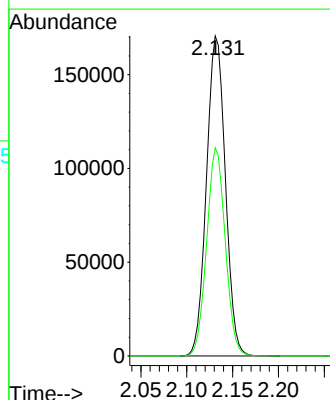
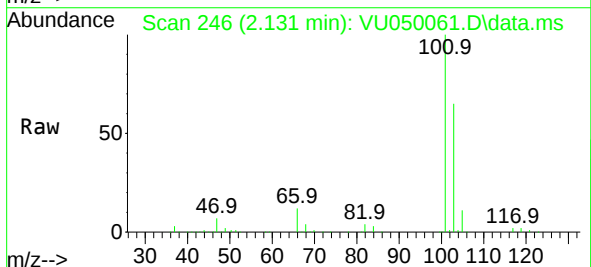
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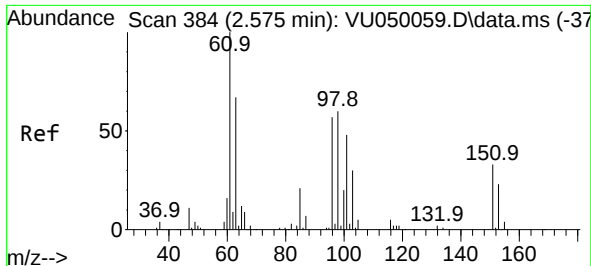
Tgt Ion: 64 Resp: 124757
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 18.889 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion:101 Resp: 244491
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8

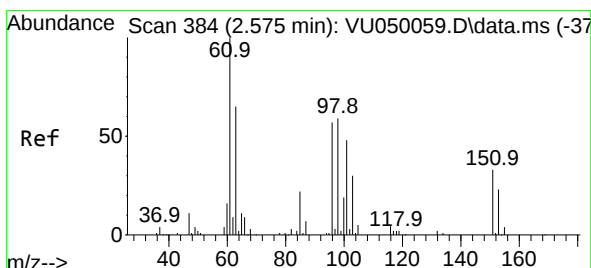
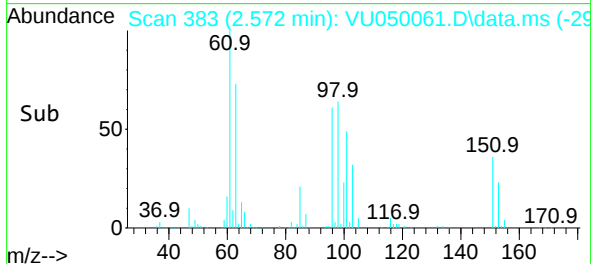
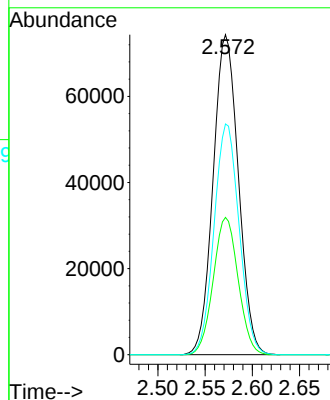
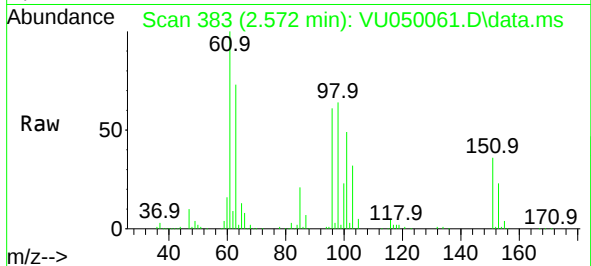




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.177 ug/L
 RT: 2.572 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050061.D
 Acq: 04 Aug 2022 12:13

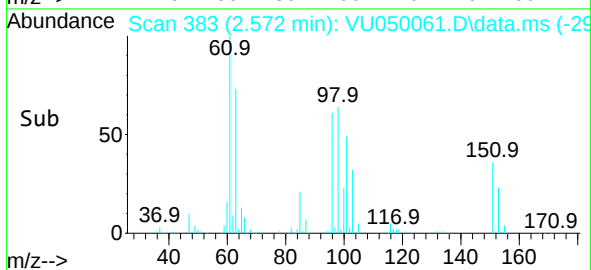
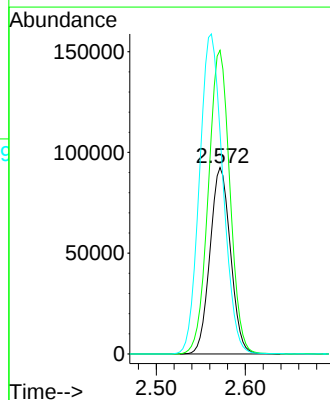
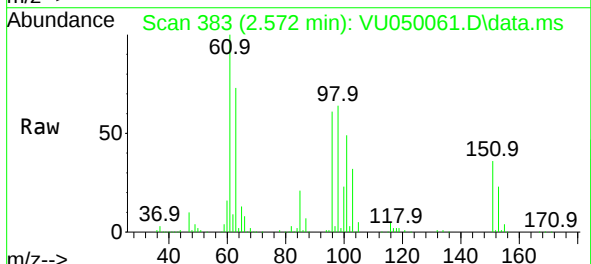
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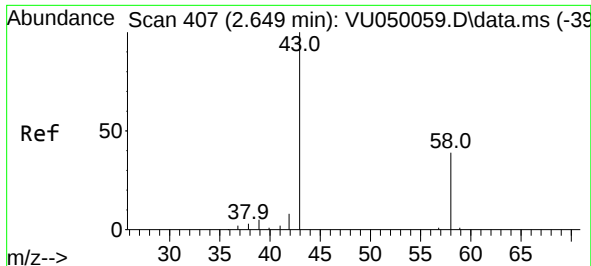
Tgt Ion:101 Resp: 138080
 Ion Ratio Lower Upper
 101 100
 85 42.3 35.6 53.4
 151 71.6 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 19.408 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050061.D
 Acq: 04 Aug 2022 12:13

Tgt Ion: 96 Resp: 147589
 Ion Ratio Lower Upper
 96 100
 61 162.9 122.7 227.9
 63 118.8 85.1 158.1





#13

Acetone

Concen: 218.933 ug/L

RT: 2.646 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

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ClientSampleId :

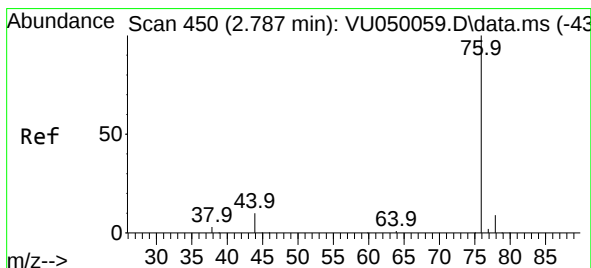
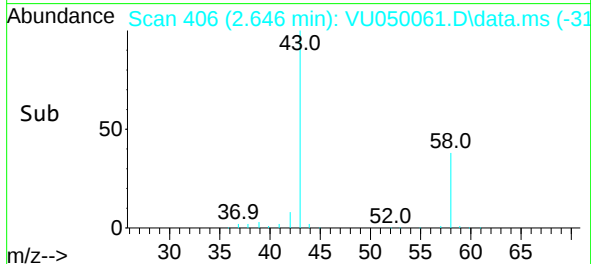
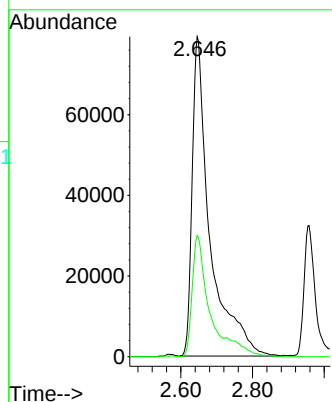
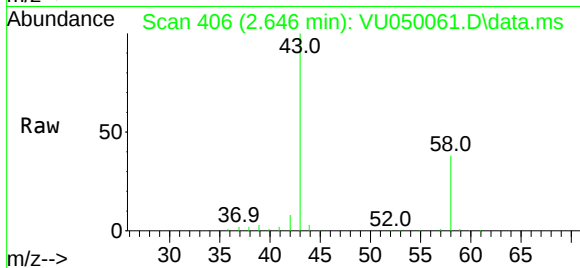
VSTD020054

Tgt Ion: 43 Resp: 272222

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 18.771 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.003 min

Lab File: VU050061.D

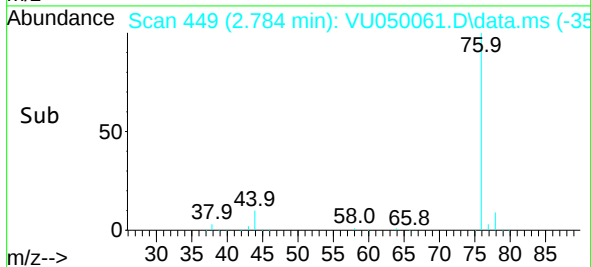
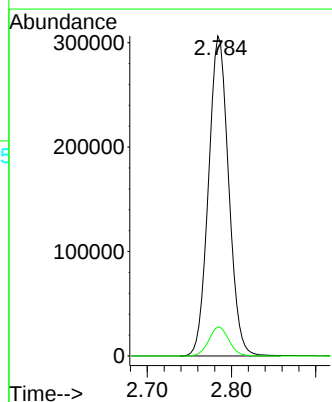
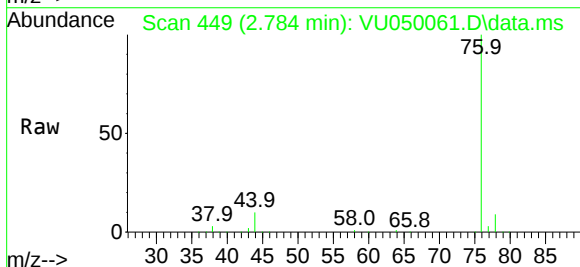
Acq: 04 Aug 2022 12:13

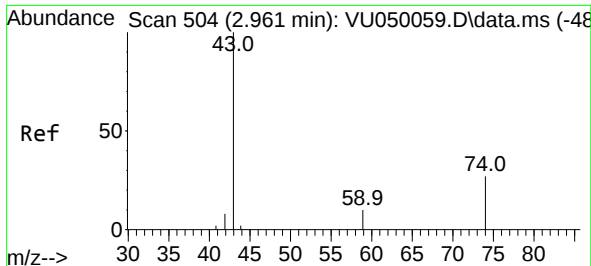
Tgt Ion: 76 Resp: 509852

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

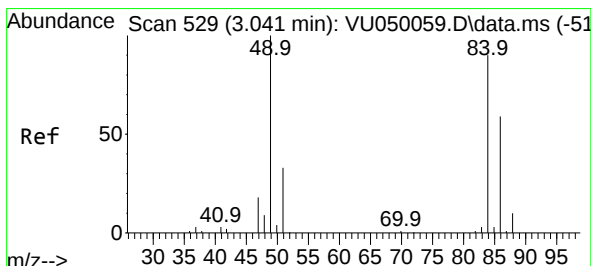
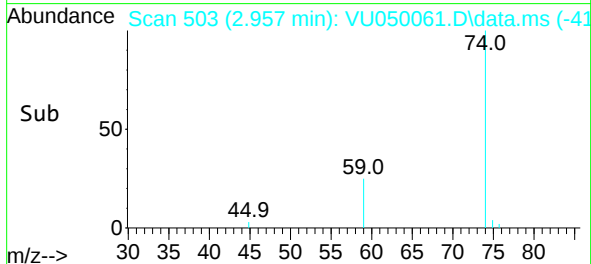
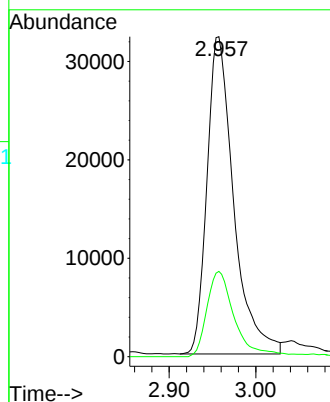
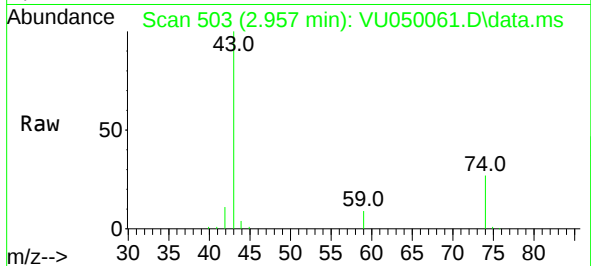




#15
Methyl Acetate
Concen: 20.317 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

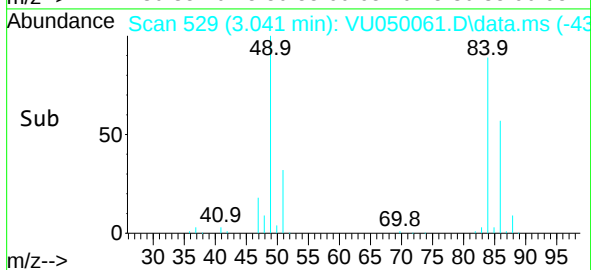
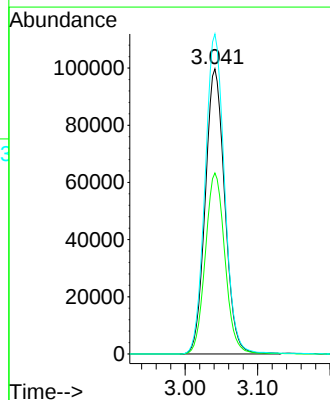
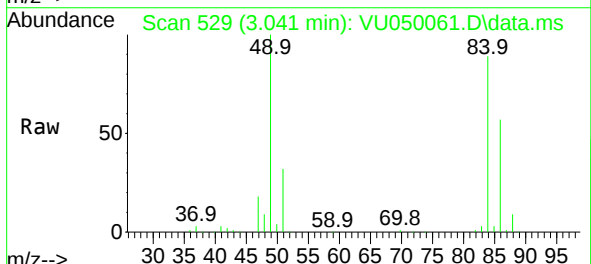
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

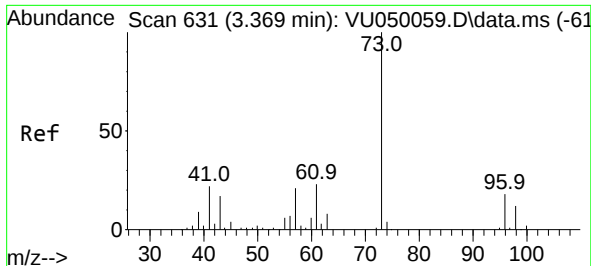
Tgt Ion: 43 Resp: 68975
Ion Ratio Lower Upper
43 100
74 28.1 22.7 34.1



#16
Methylene chloride
Concen: 16.024 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 84 Resp: 186193
Ion Ratio Lower Upper
84 100
86 63.4 45.9 85.3
49 112.2 77.6 144.0

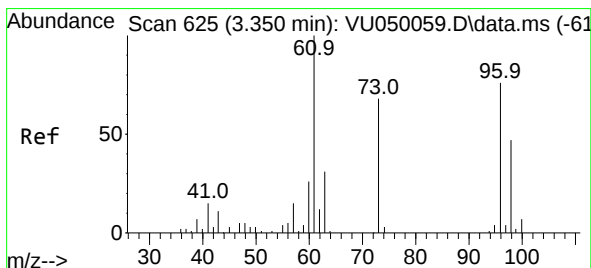
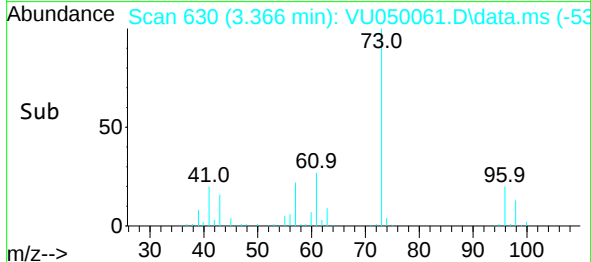
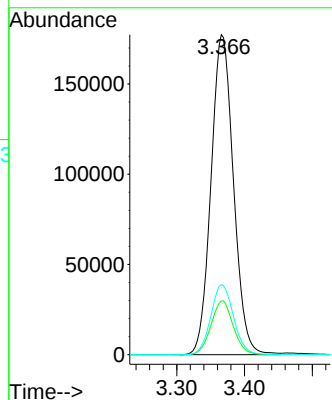
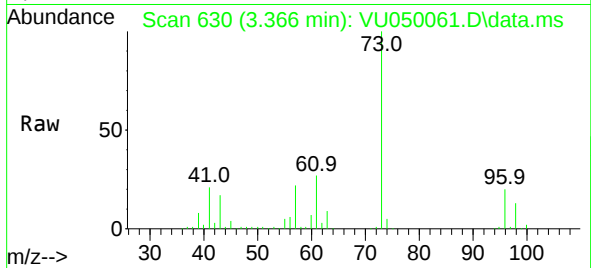




#17
Methyl tert-butyl Ether
Concen: 20.543 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

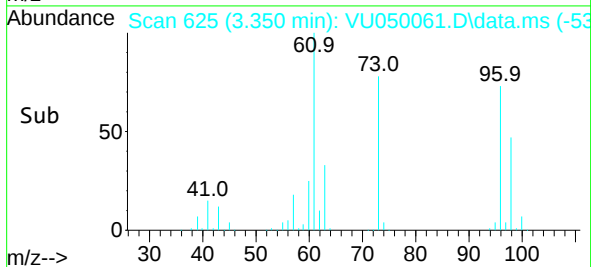
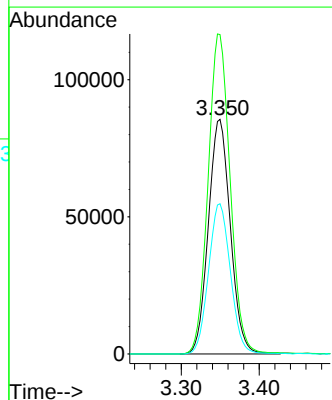
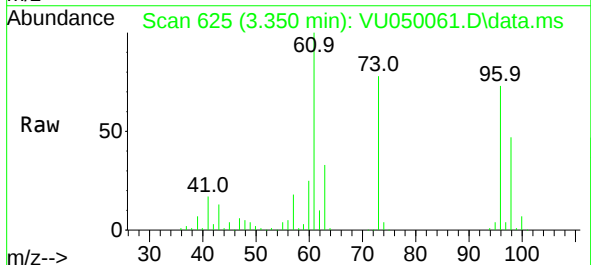
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

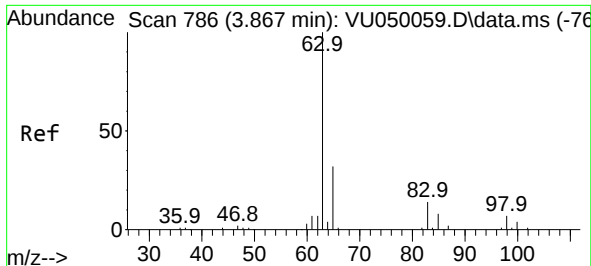
Tgt Ion: 73 Resp: 407715
Ion Ratio Lower Upper
73 100
43 16.7 13.5 20.3
57 22.2 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 19.687 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 96 Resp: 167630
Ion Ratio Lower Upper
96 100
61 136.1 92.3 171.5
98 64.0 43.2 80.2





#19

1,1-Dichloroethane

Concen: 19.222 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD020054

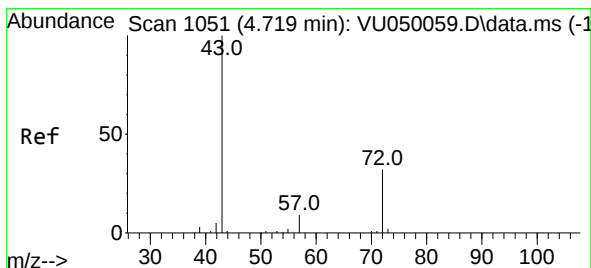
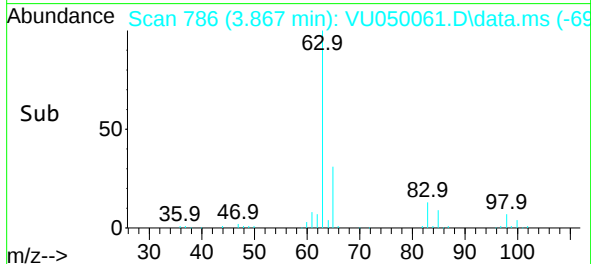
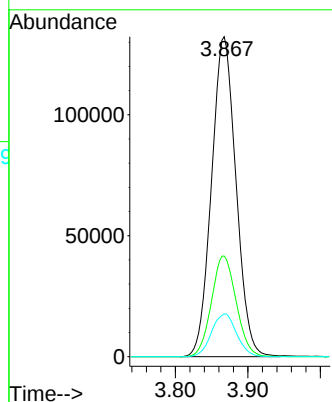
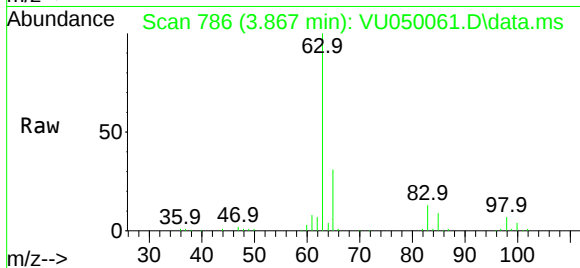
Tgt Ion: 63 Resp: 309950

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.3

83 13.4 9.8 18.2



#21

2-Butanone

Concen: 223.924 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.003 min

Lab File: VU050061.D

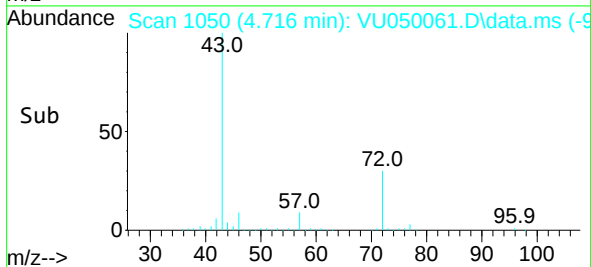
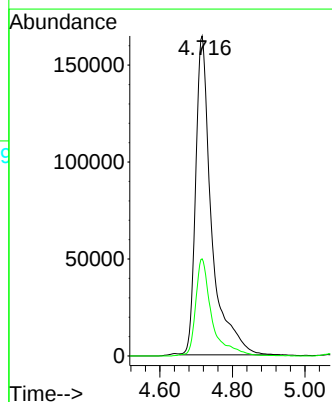
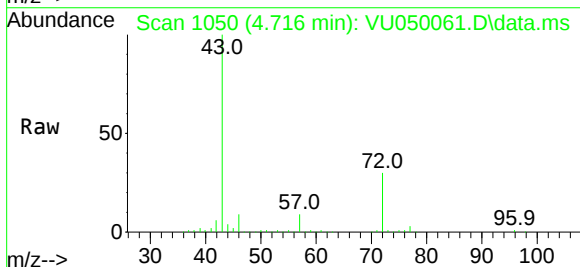
Acq: 04 Aug 2022 12:13

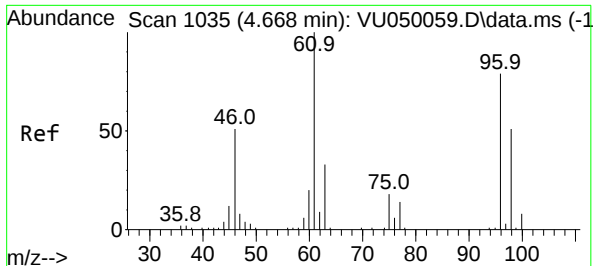
Tgt Ion: 43 Resp: 500673

Ion Ratio Lower Upper

43 100

72 31.1 14.0 42.0

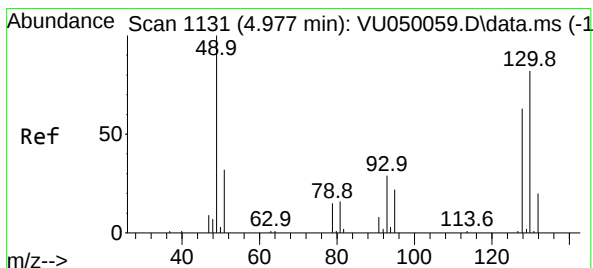
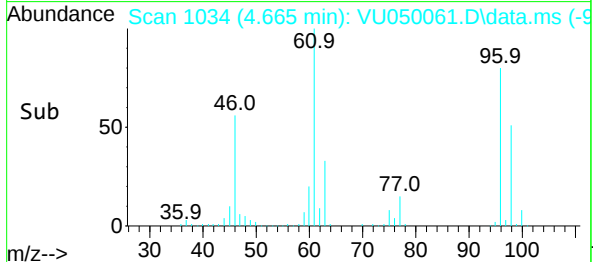
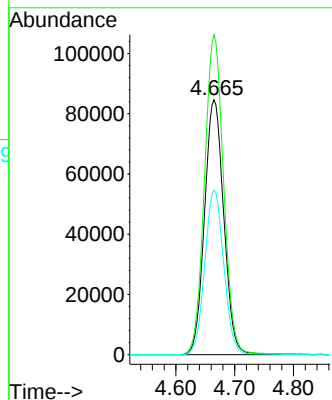
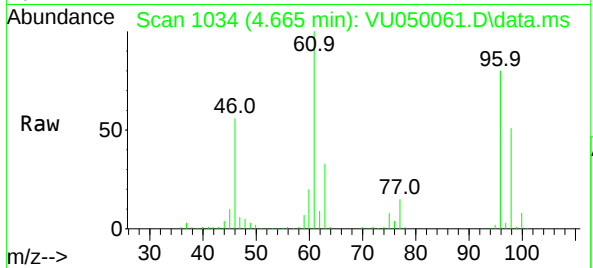




#22
cis-1,2-Dichloroethene
Concen: 20.355 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

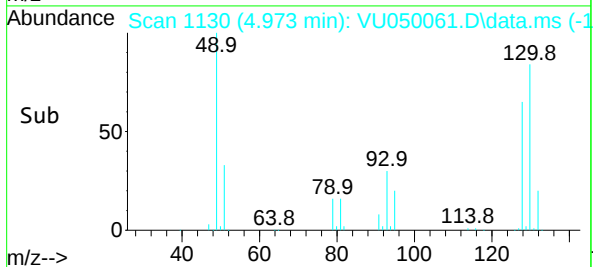
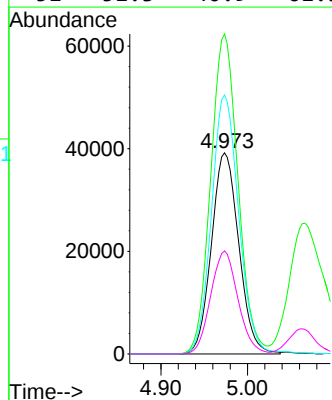
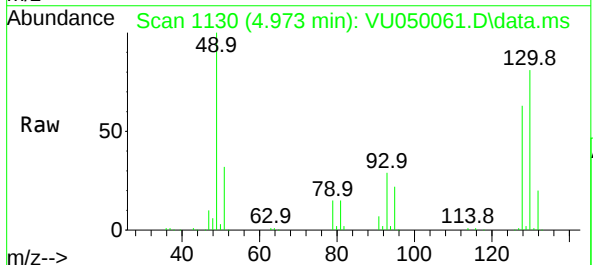
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

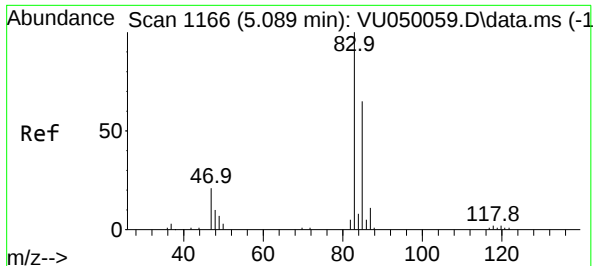
Tgt Ion: 96 Resp: 192373
Ion Ratio Lower Upper
96 100
61 125.5 89.0 165.4
98 64.6 45.2 84.0



#23
Bromochloromethane
Concen: 19.052 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 128 Resp: 86061
Ion Ratio Lower Upper
128 100
49 159.1 111.4 206.8
130 128.8 90.2 167.4
51 51.3 40.9 61.3





#25

Chloroform

Concen: 18.806 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

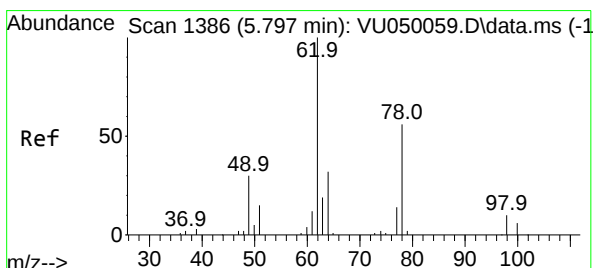
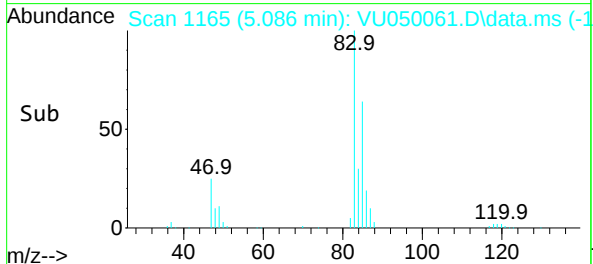
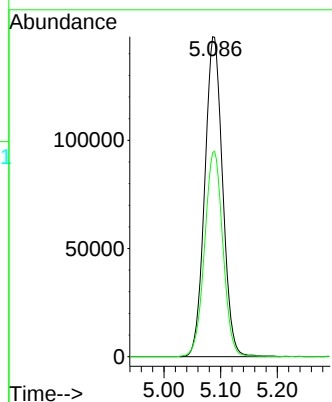
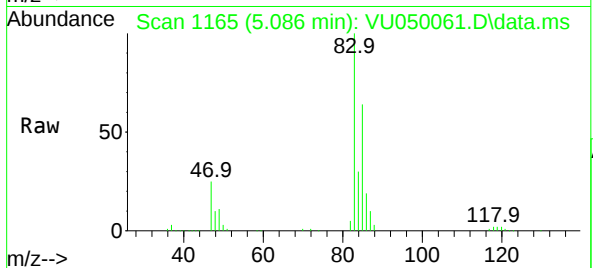
VSTD020054

Tgt Ion: 83 Resp: 323281

Ion Ratio Lower Upper

83 100

85 63.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 18.975 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050061.D

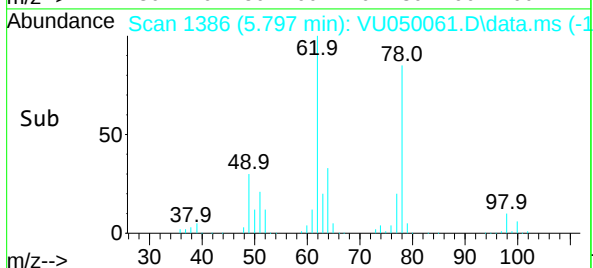
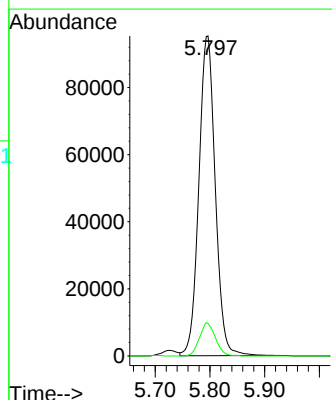
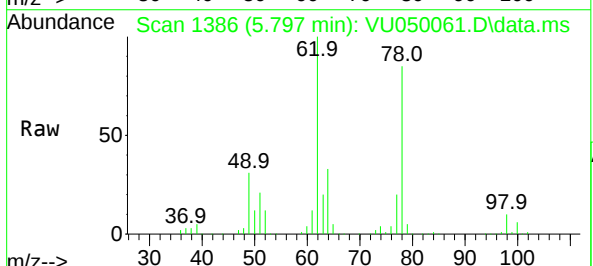
Acq: 04 Aug 2022 12:13

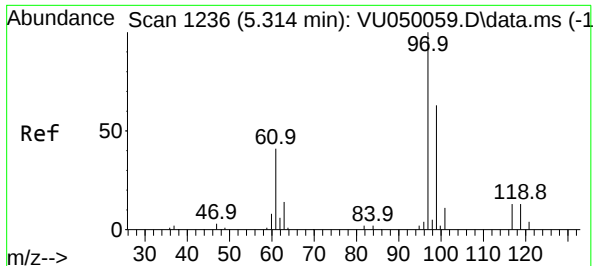
Tgt Ion: 62 Resp: 198514

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 19.621 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD020054

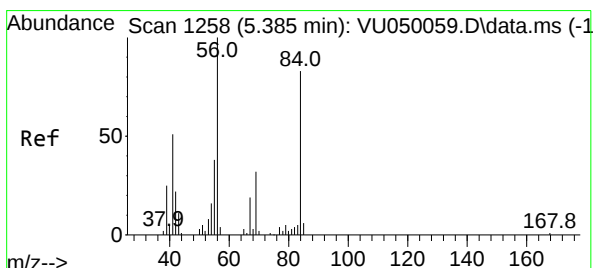
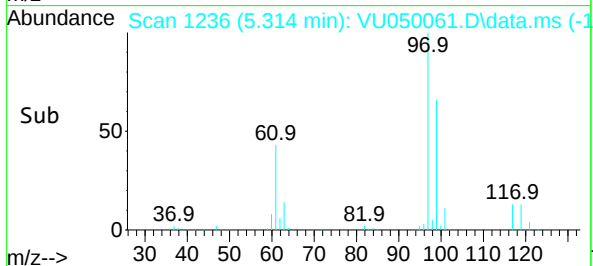
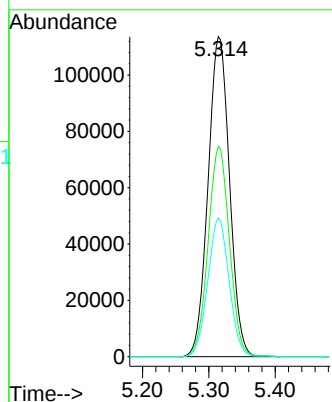
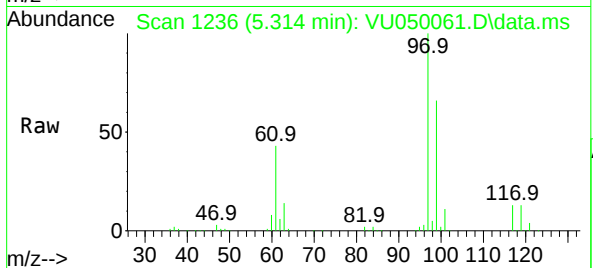
Tgt Ion: 97 Resp: 255058

Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 43.1 34.2 51.4



#30

Cyclohexane

Concen: 22.003 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

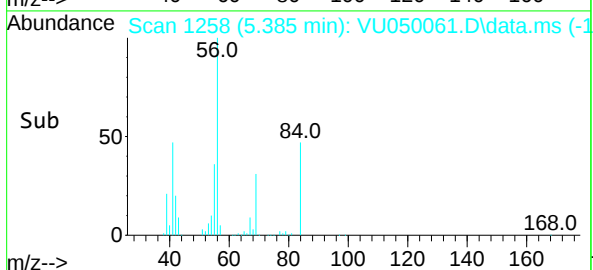
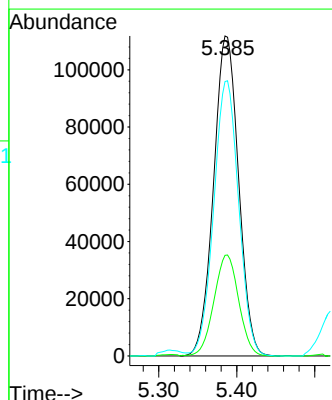
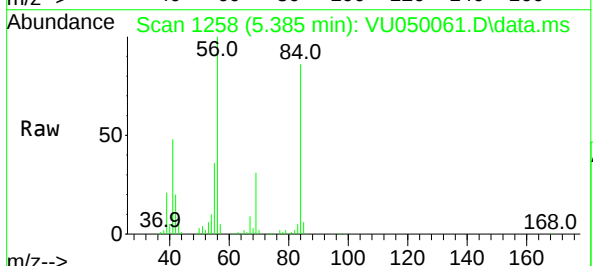
Tgt Ion: 56 Resp: 249193

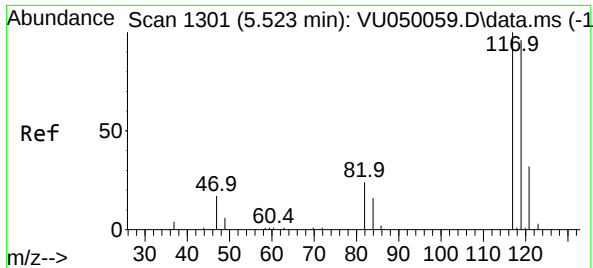
Ion Ratio Lower Upper

56 100

69 31.3 24.6 37.0

84 86.0 69.1 103.7

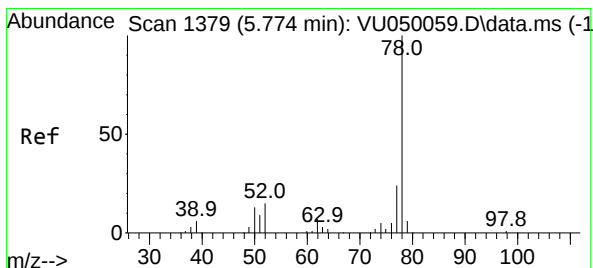
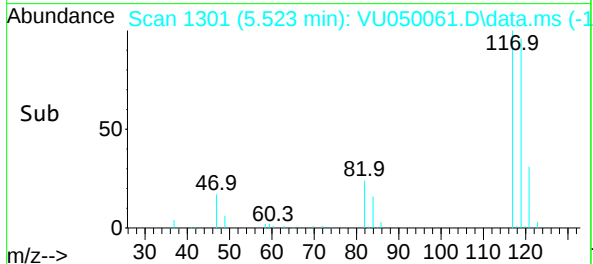
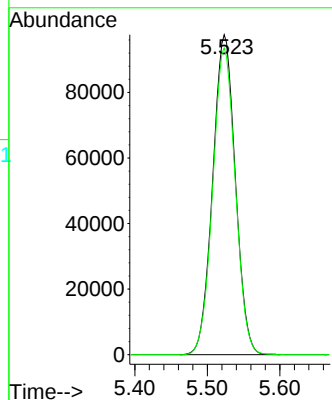
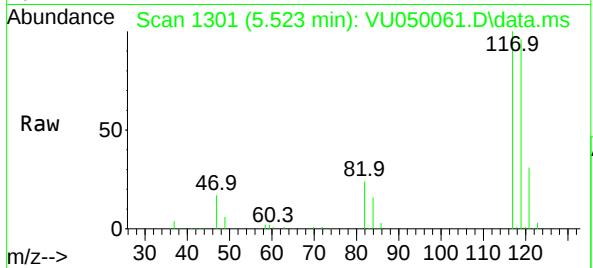




#31
Carbon tetrachloride
Concen: 19.836 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

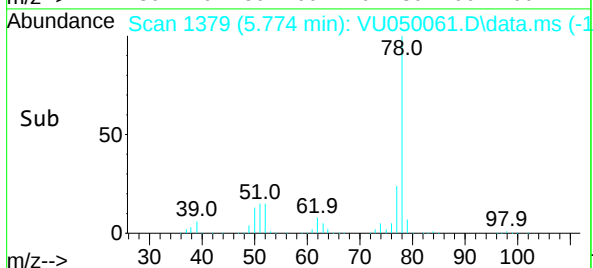
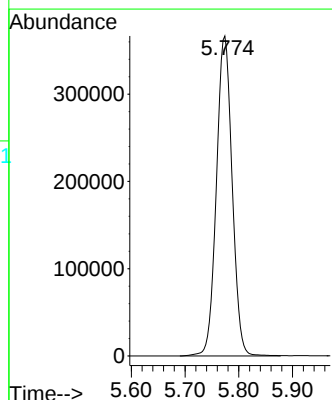
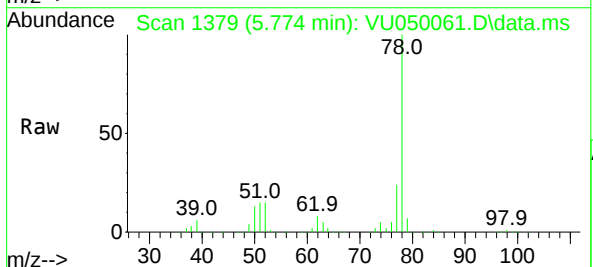
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

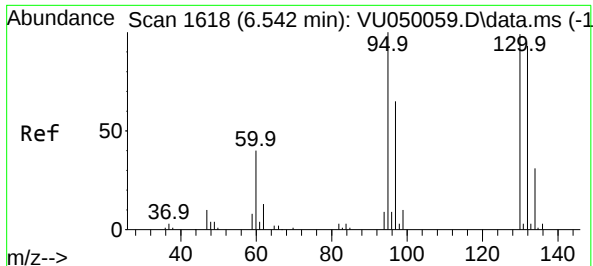
Tgt Ion:117 Resp: 211365
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0



#33
Benzene
Concen: 20.067 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 78 Resp: 745019

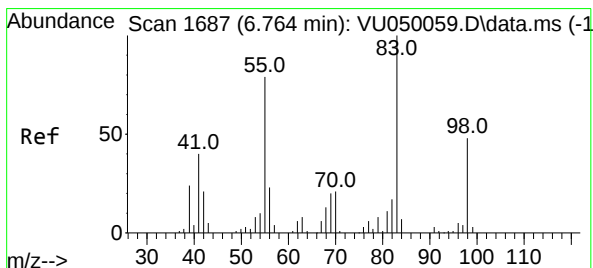
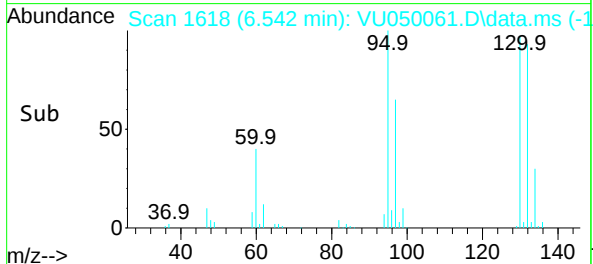
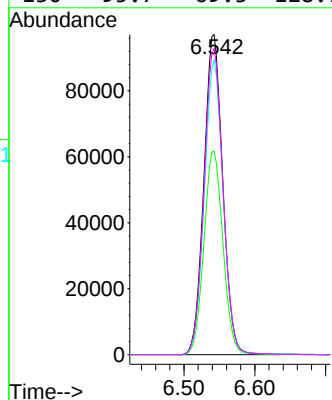
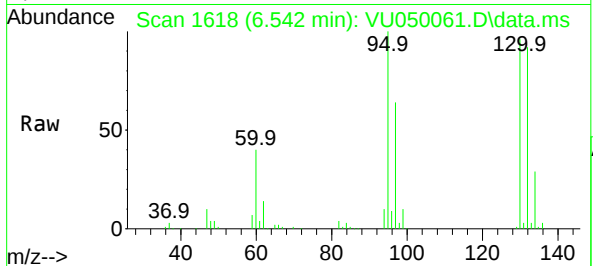




#34
Trichloroethene
Concen: 20.005 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

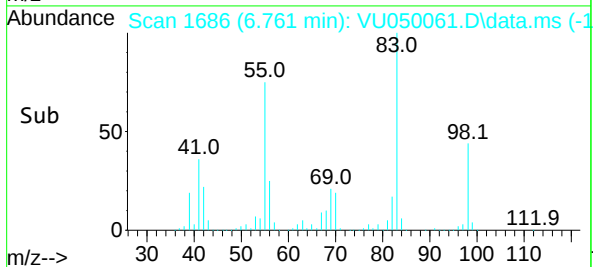
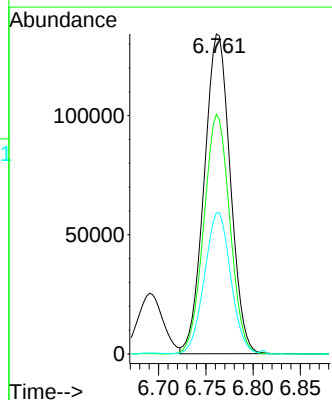
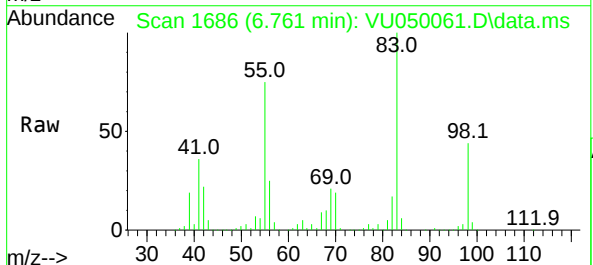
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

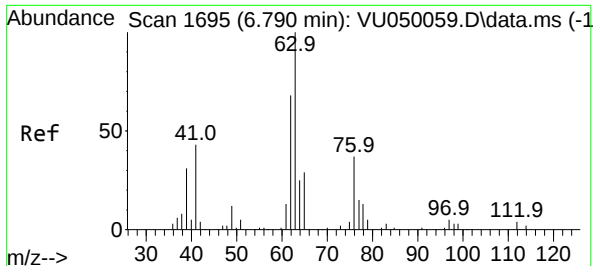
Tgt Ion: 95 Resp: 179625
Ion Ratio Lower Upper
95 100
97 63.6 45.6 84.8
132 92.0 65.0 120.6
130 95.7 69.3 128.7



#35
Methylcyclohexane
Concen: 22.232 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 83 Resp: 257694
Ion Ratio Lower Upper
83 100
55 74.7 62.7 94.1
98 44.3 36.2 54.2





#37

1,2-Dichloropropane

Concen: 19.570 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

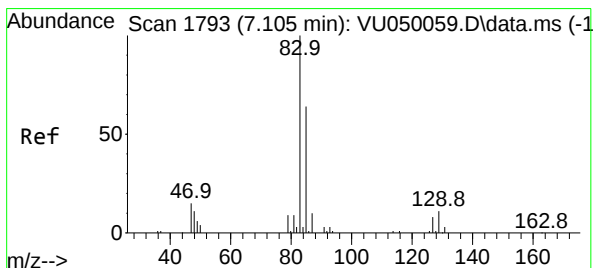
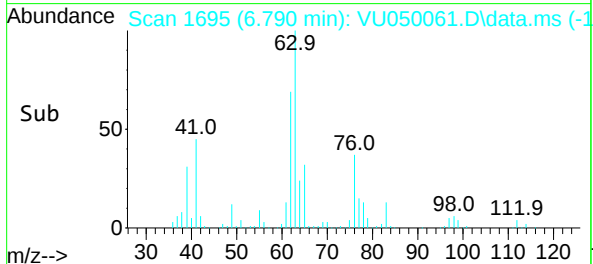
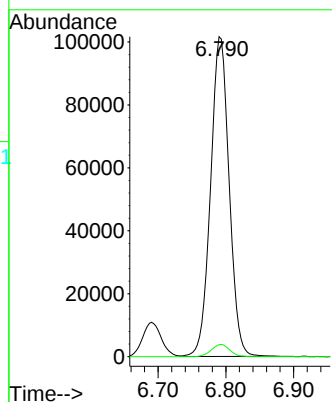
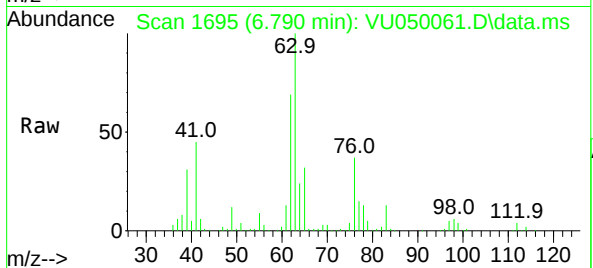
VSTD020054

Tgt Ion: 63 Resp: 193531

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 19.565 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

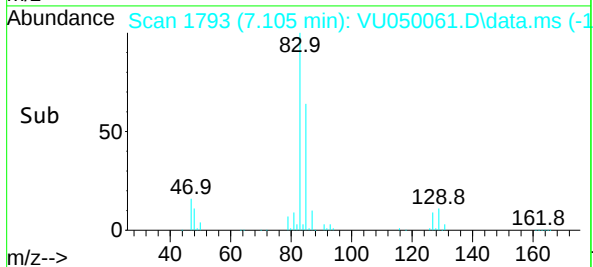
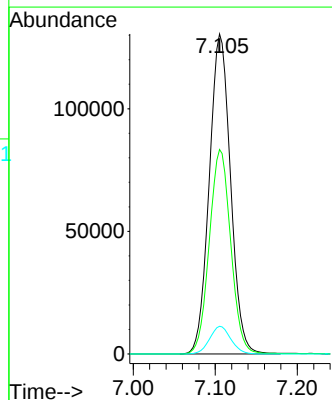
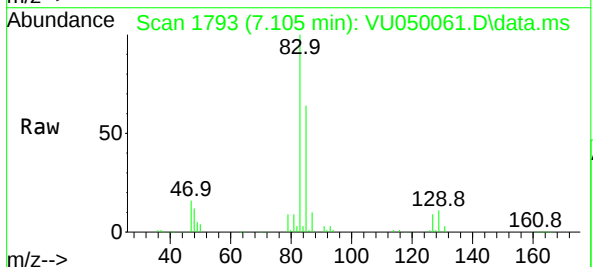
Tgt Ion: 83 Resp: 235018

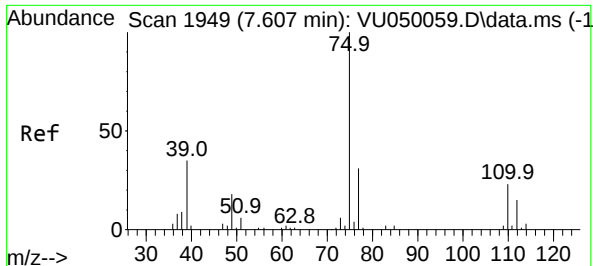
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 21.471 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

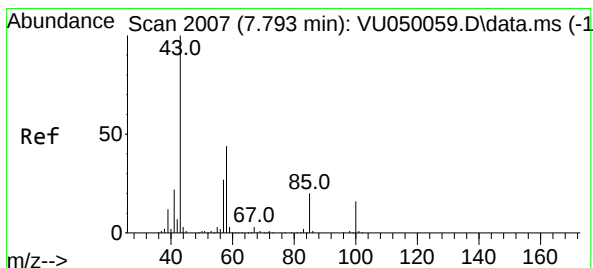
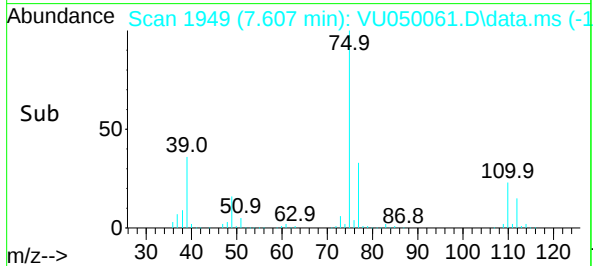
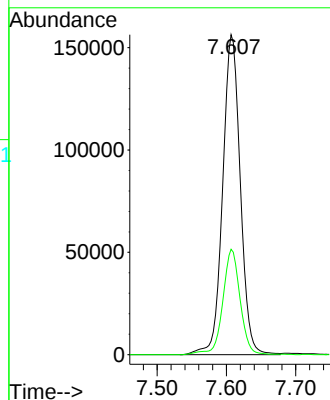
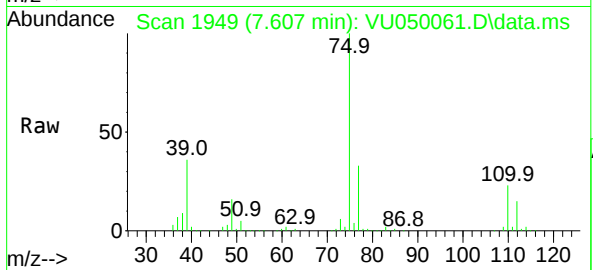
VSTD020054

Tgt Ion: 75 Resp: 277104

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 206.792 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

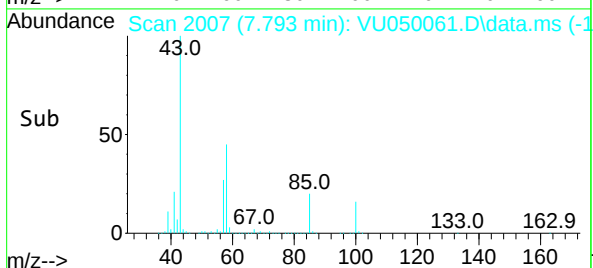
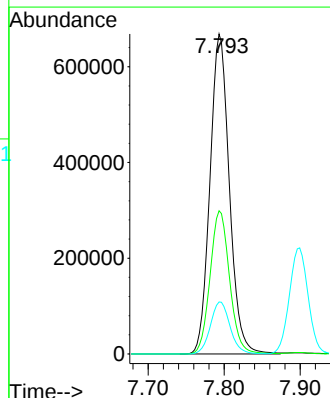
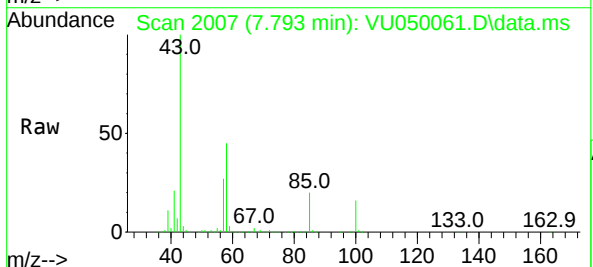
Tgt Ion: 43 Resp: 1184476

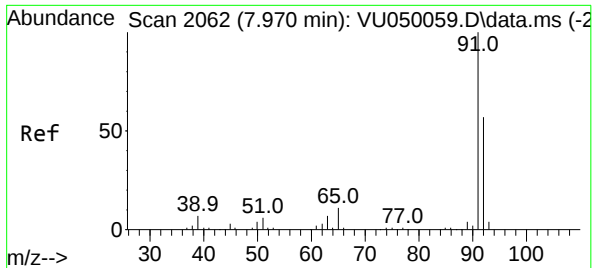
Ion Ratio Lower Upper

43 100

58 45.0 34.6 51.8

100 16.5 13.0 19.4

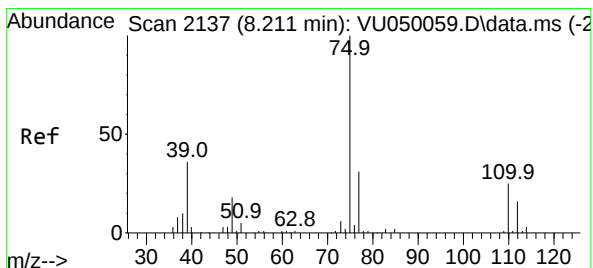
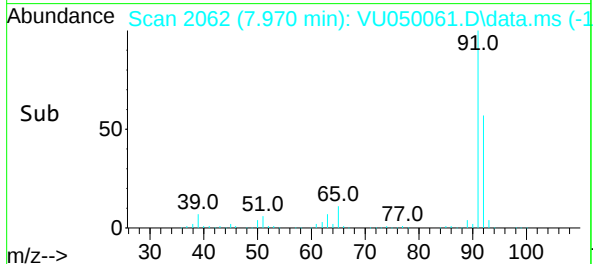
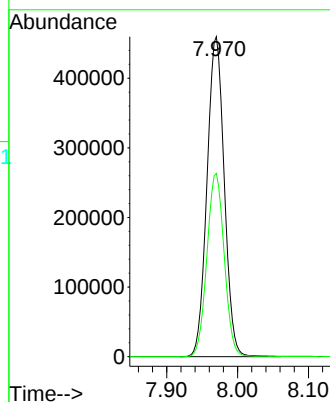
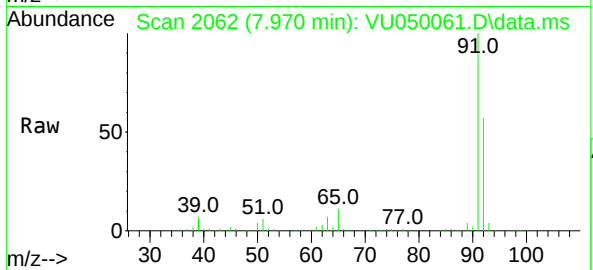




#42
Toluene
Concen: 20.893 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

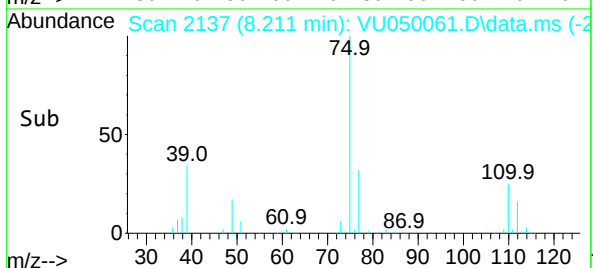
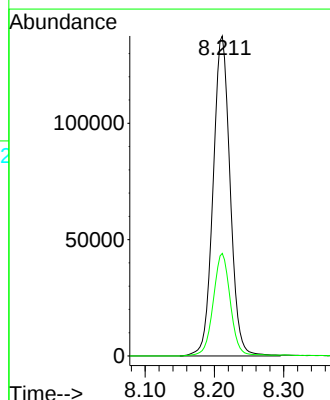
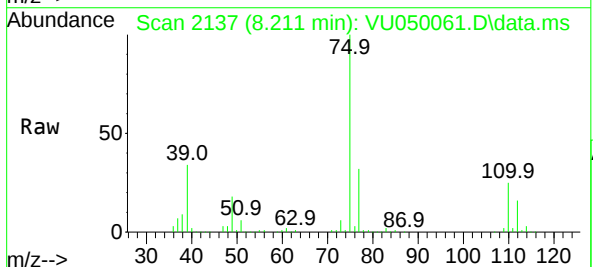
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

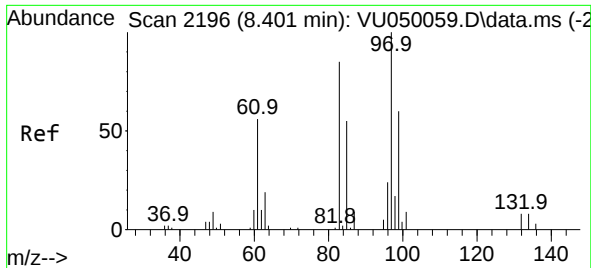
Tgt Ion: 91 Resp: 777922
Ion Ratio Lower Upper
91 100
92 57.2 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 21.213 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 75 Resp: 234800
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8

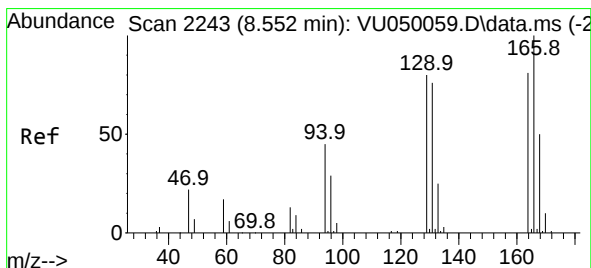
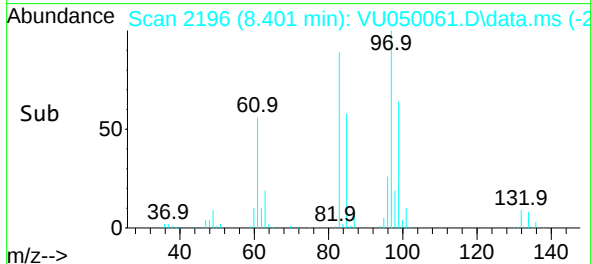
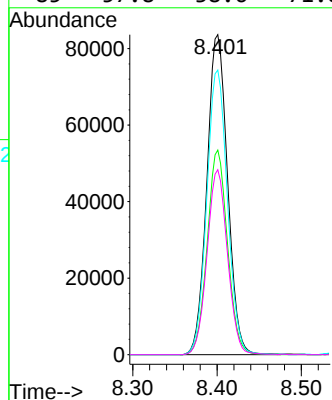
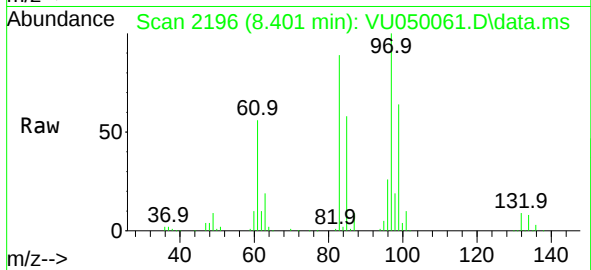




#45
1,1,2-Trichloroethane
Concen: 19.369 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

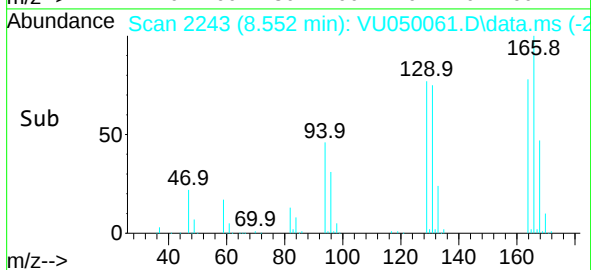
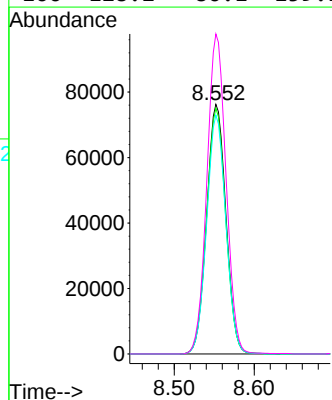
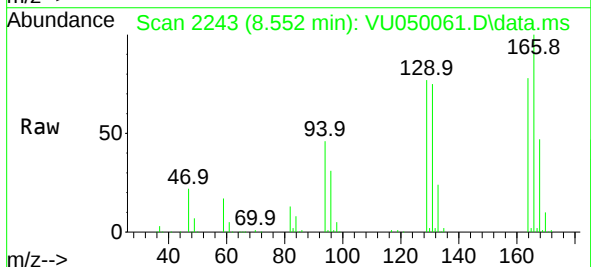
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

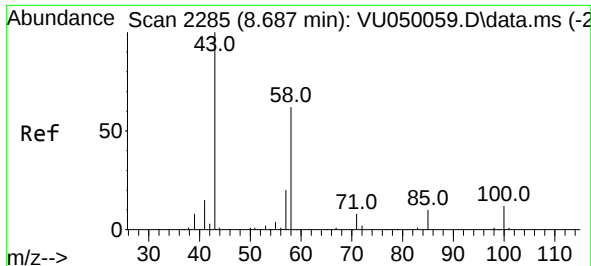
Tgt Ion: 97 Resp: 143183
Ion Ratio Lower Upper
97 100
99 64.0 42.2 78.4
83 88.9 59.6 110.6
85 57.8 38.6 71.8



#47
Tetrachloroethene
Concen: 19.880 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 164 Resp: 127897
Ion Ratio Lower Upper
164 100
129 98.5 69.0 128.1
131 95.7 65.8 122.2
166 128.2 86.1 159.9



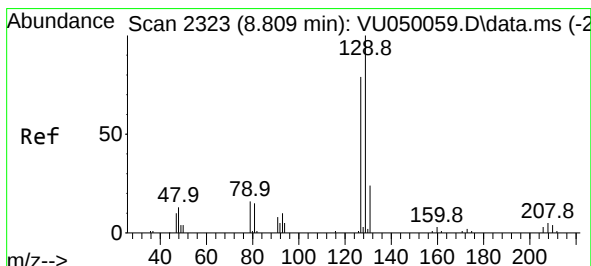
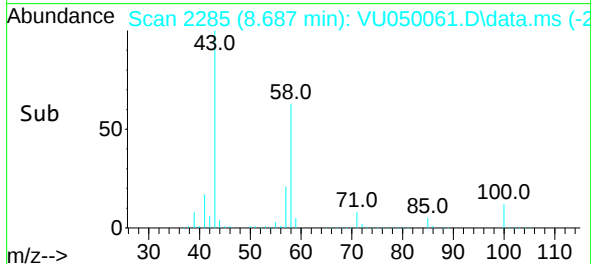
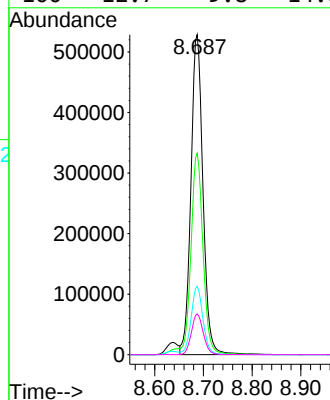
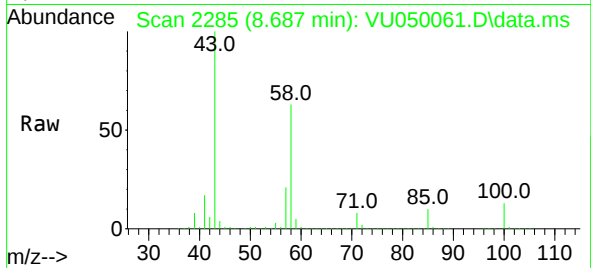


#48
2-Hexanone
Concen: 204.692 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

Tgt Ion: 43 Resp: 906817

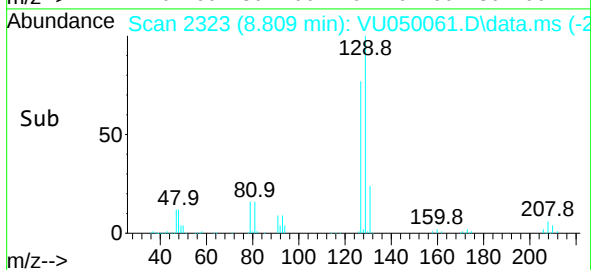
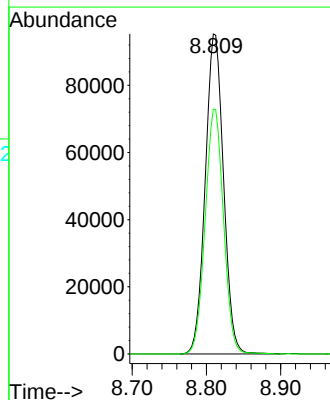
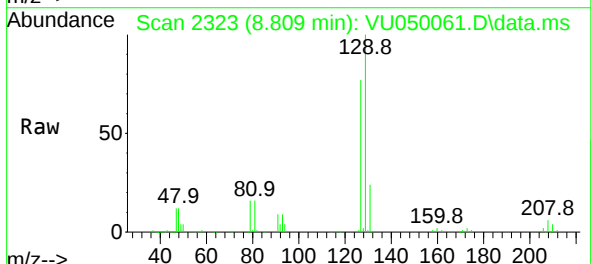
Ion	Ratio	Lower	Upper
43	100		
58	64.3	50.6	76.0
57	21.1	16.0	24.0
100	12.7	9.8	14.8

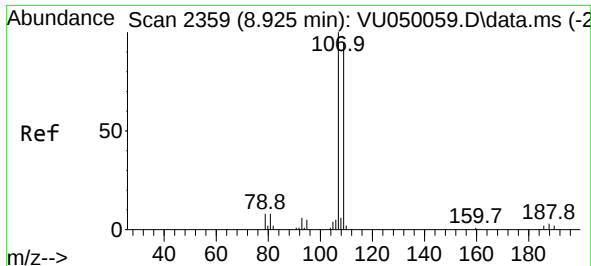


#49
Dibromochloromethane
Concen: 19.887 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 129 Resp: 162712

Ion	Ratio	Lower	Upper
129	100		
127	76.5	55.3	102.7





#50

1,2-Dibromoethane

Concen: 20.027 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD020054

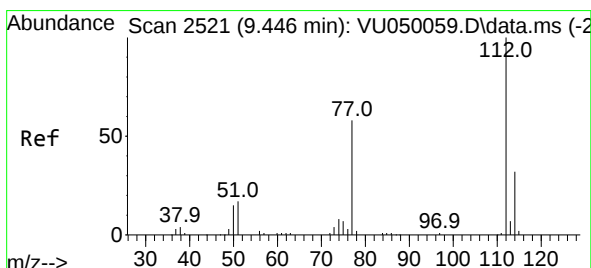
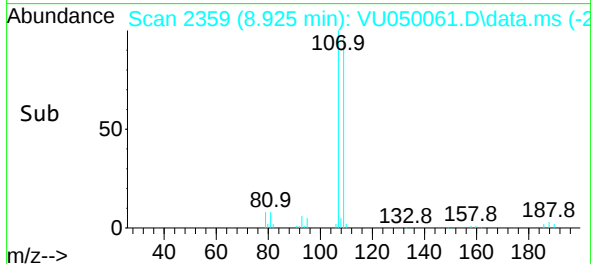
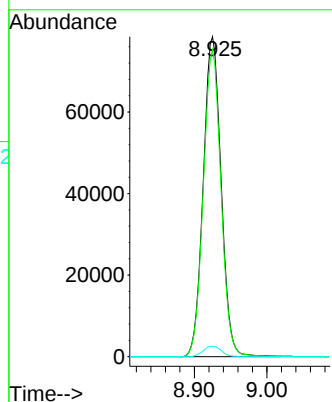
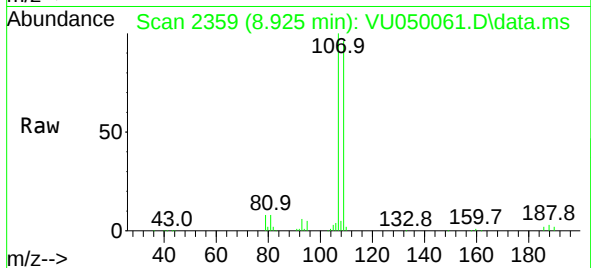
Tgt Ion:107 Resp: 134236

Ion Ratio Lower Upper

107 100

109 96.0 66.6 123.6

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 20.076 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

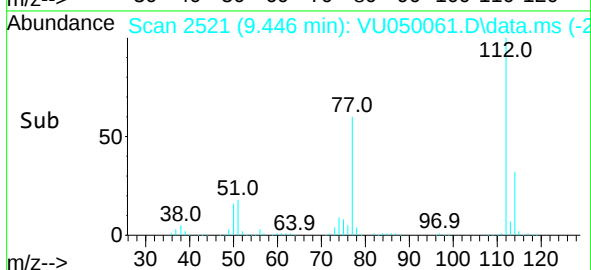
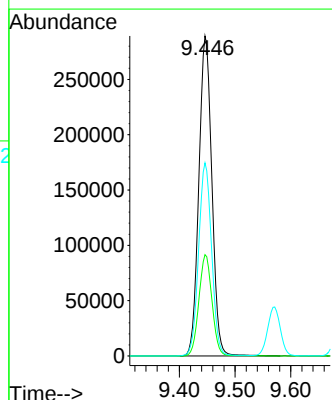
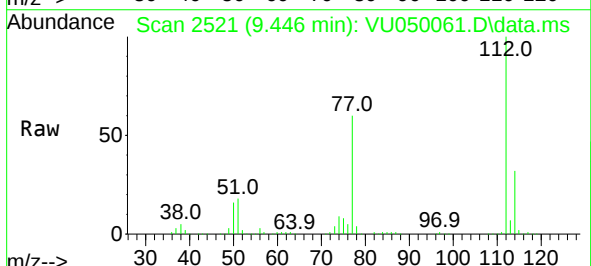
Tgt Ion:112 Resp: 470324

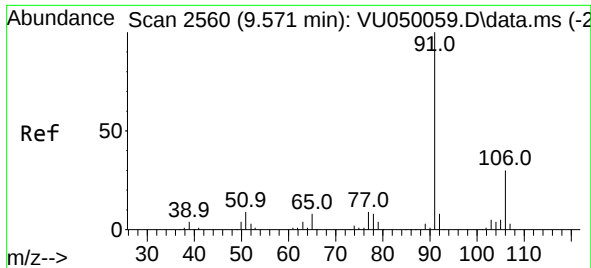
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 60.3 46.3 69.5

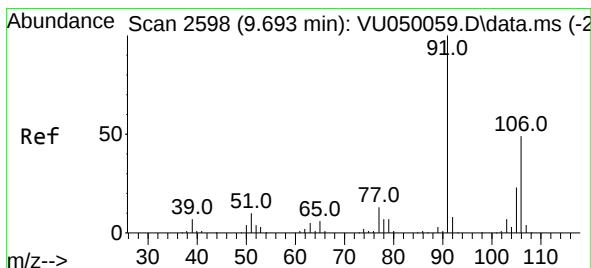
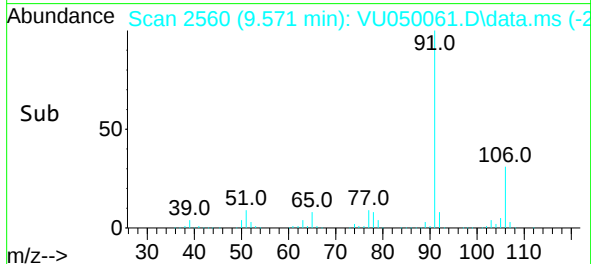
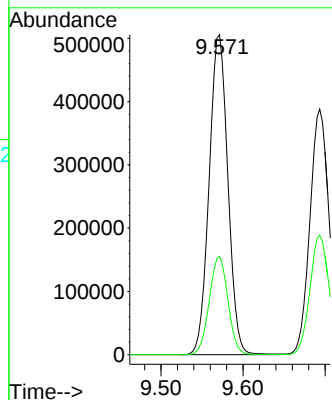
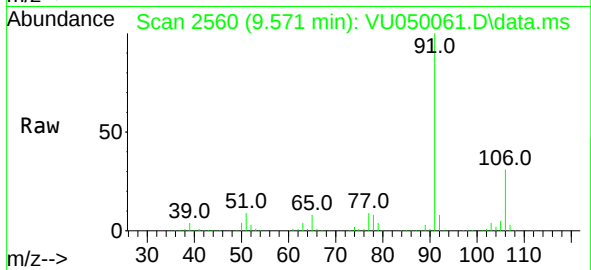




#52
Ethylbenzene
Concen: 22.078 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

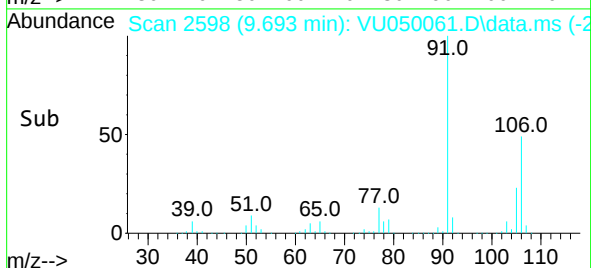
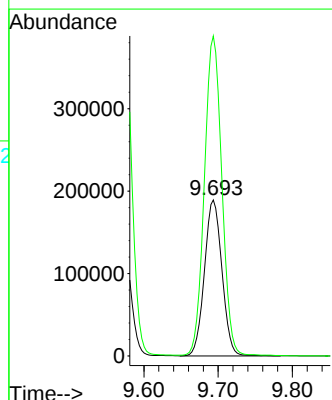
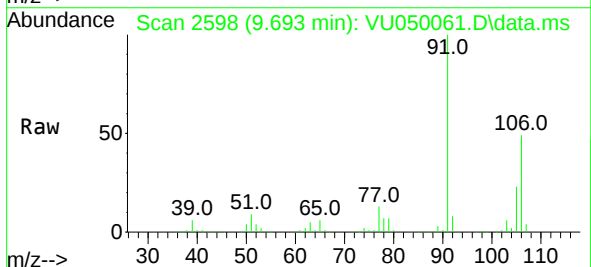
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

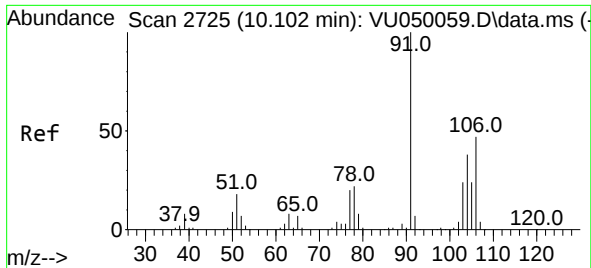
Tgt Ion: 91 Resp: 802150
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-Xylene
Concen: 23.142 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 106 Resp: 309652
Ion Ratio Lower Upper
106 100
91 205.1 143.1 265.9

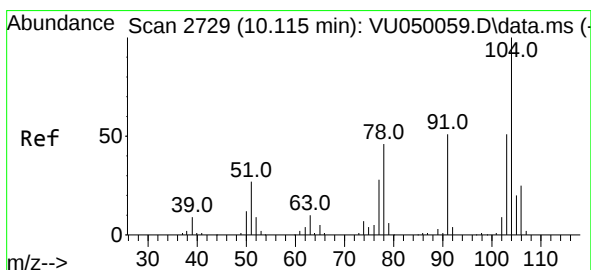
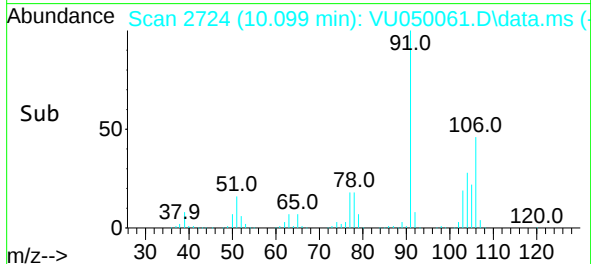
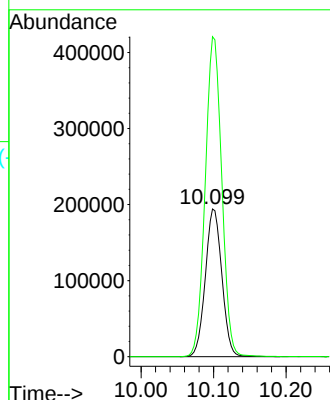
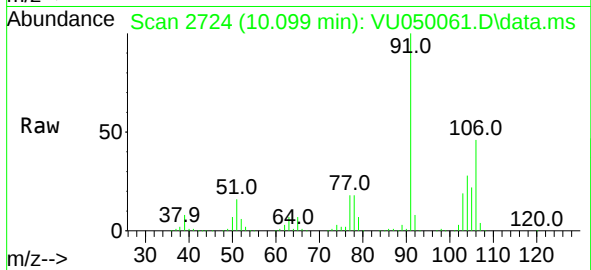




#54
o-Xylene
Concen: 23.000 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

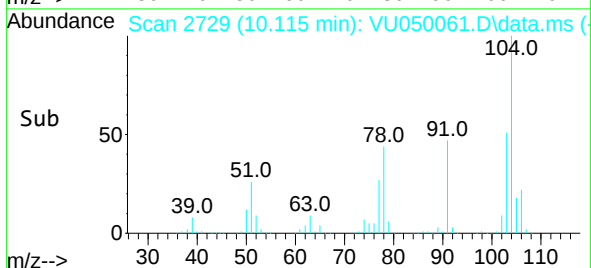
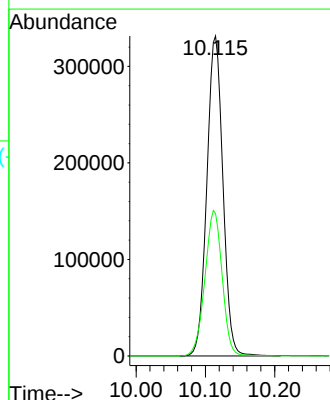
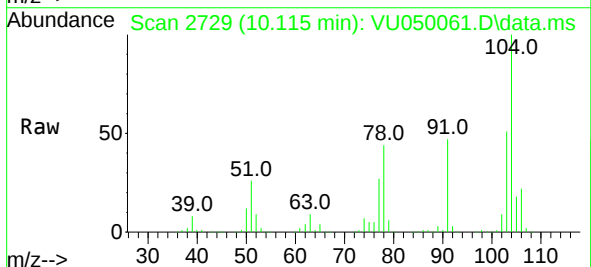
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

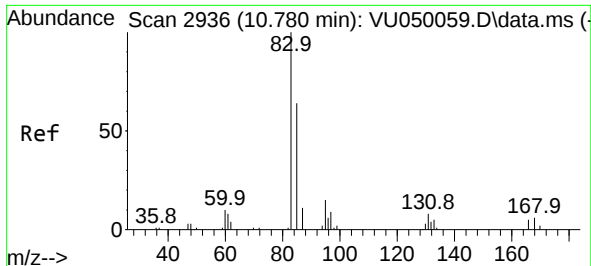
Tgt Ion:106 Resp: 307206
Ion Ratio Lower Upper
106 100
91 216.7 149.4 277.4



#55
Styrene
Concen: 23.835 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion:104 Resp: 531849
Ion Ratio Lower Upper
104 100
78 44.5 31.9 59.3

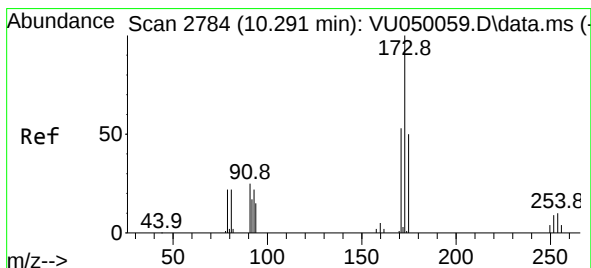
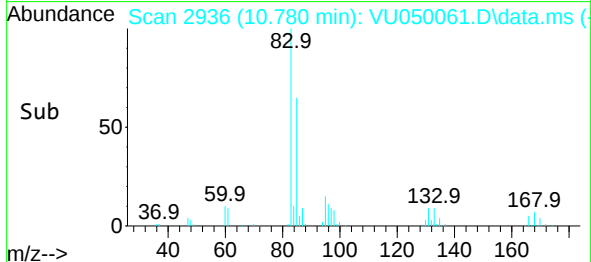
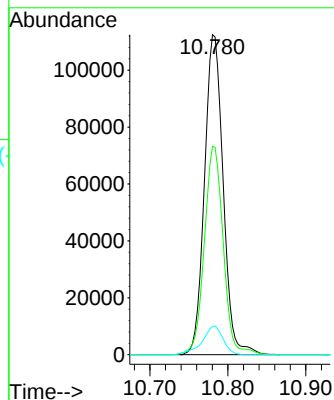
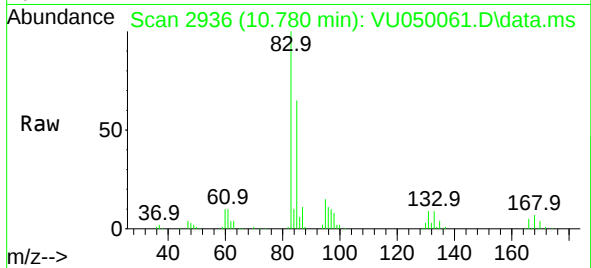




#57
1,1,2,2-Tetrachloroethane
Concen: 19.259 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

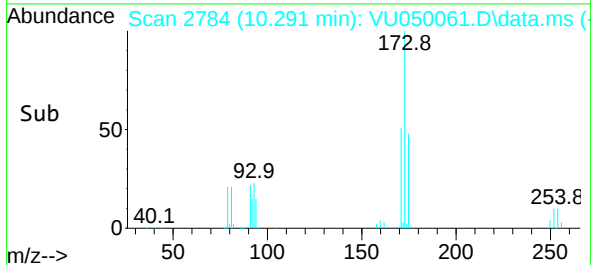
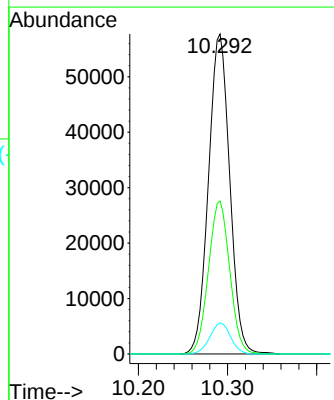
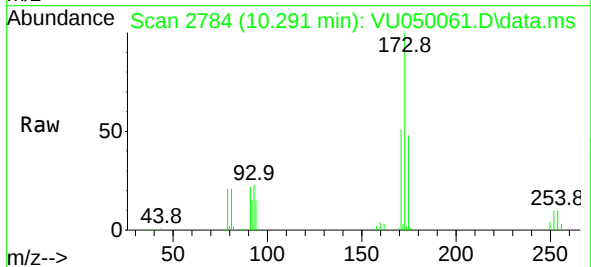
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

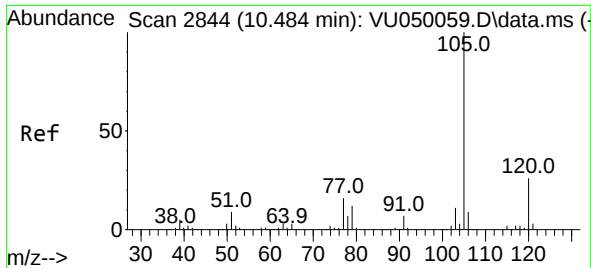
Tgt Ion: 83 Resp: 187081
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0
131 8.9 6.6 9.8



#59
Bromoform
Concen: 17.584 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 173 Resp: 95353
Ion Ratio Lower Upper
173 100
175 47.8 37.0 55.6
254 9.4 7.4 11.0

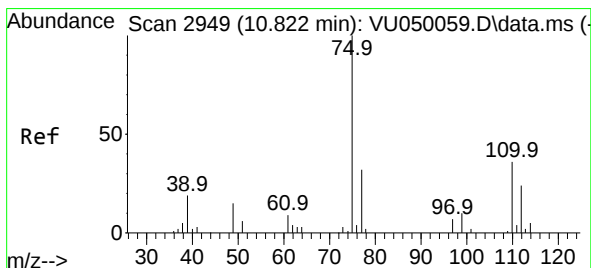
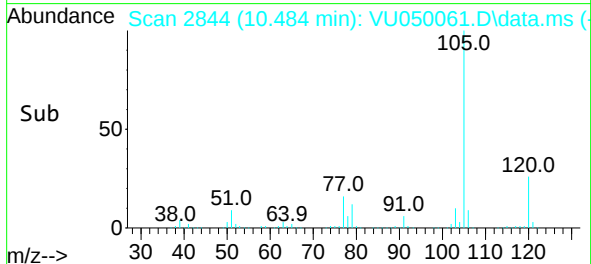
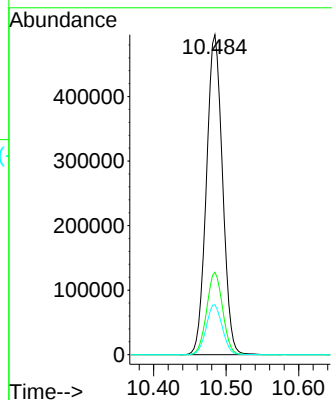
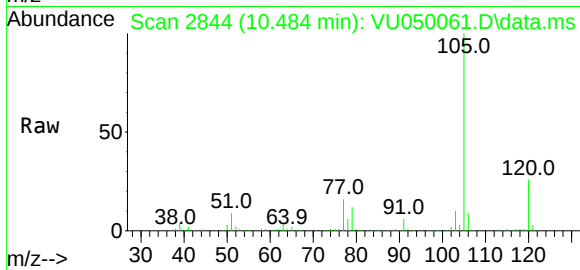




#60
Isopropylbenzene
Concen: 21.188 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

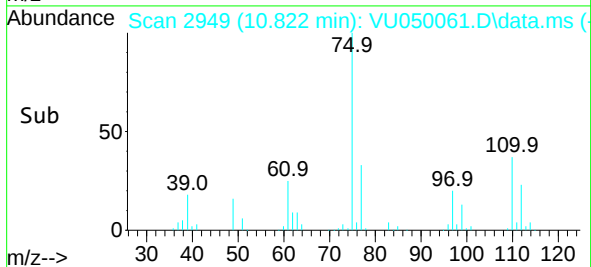
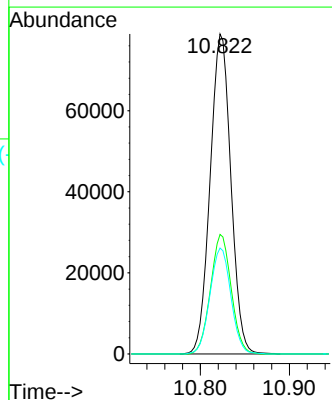
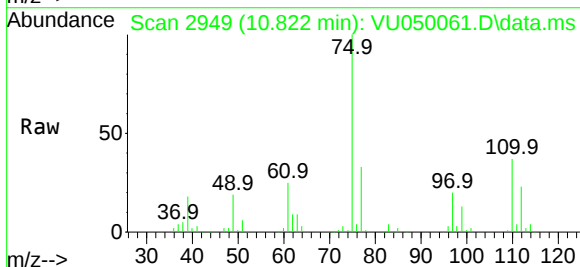
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

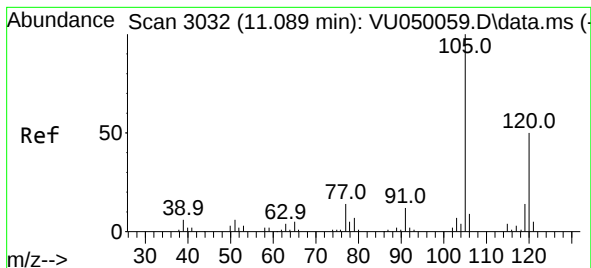
Tgt Ion:105 Resp: 765115
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 17.309 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion: 75 Resp: 127497
Ion Ratio Lower Upper
75 100
110 37.3 28.5 42.7
77 33.4 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 21.831 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

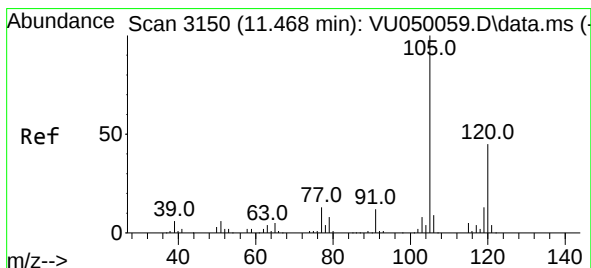
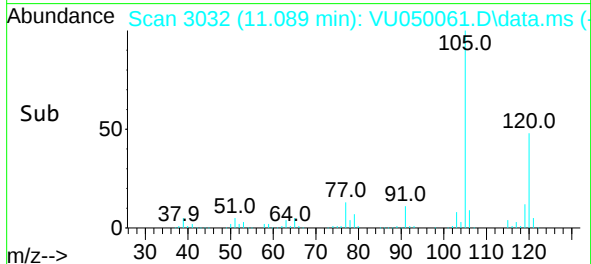
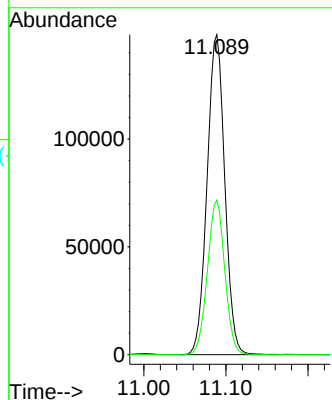
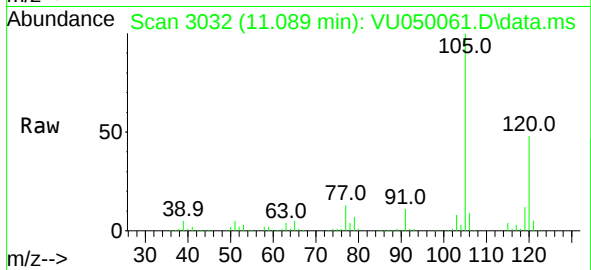
VSTD020054

Tgt Ion:105 Resp: 222728

Ion Ratio Lower Upper

105 100

120 47.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 23.267 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050061.D

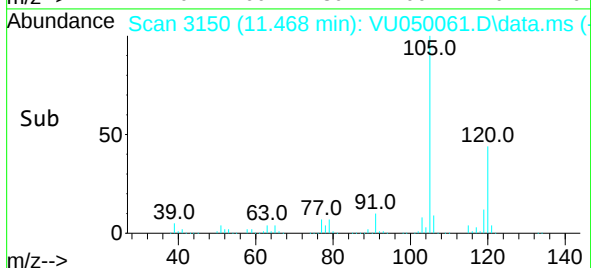
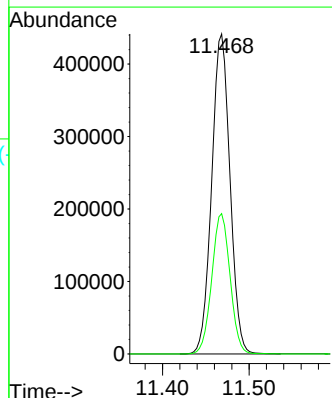
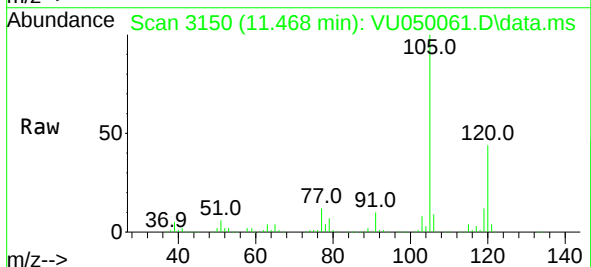
Acq: 04 Aug 2022 12:13

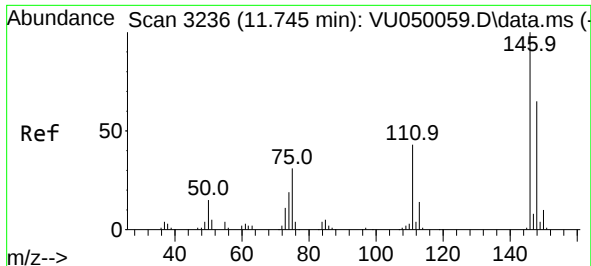
Tgt Ion:105 Resp: 646725

Ion Ratio Lower Upper

105 100

120 43.9 35.9 53.9

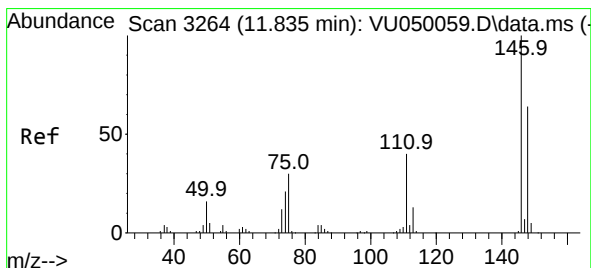
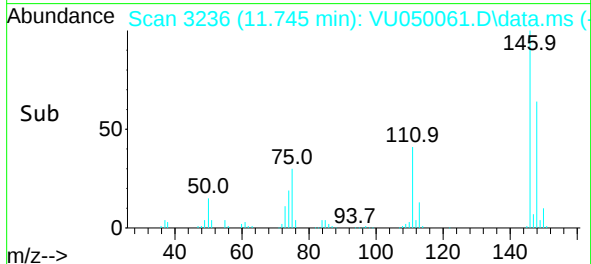
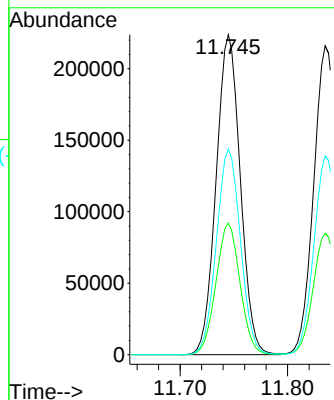
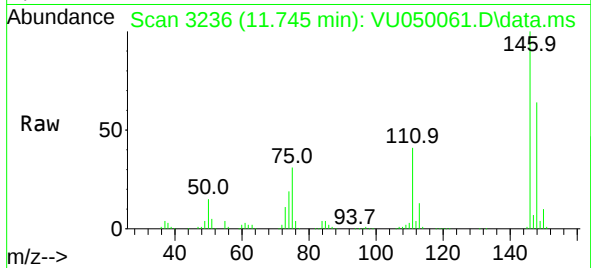




#64
1,3-Dichlorobenzene
Concen: 19.208 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

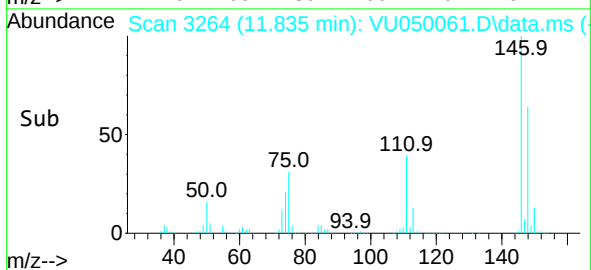
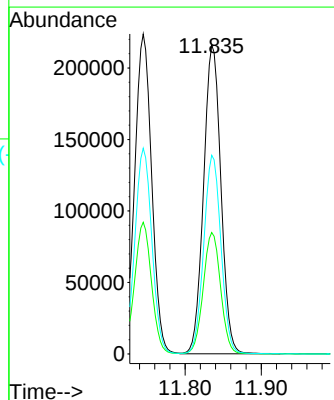
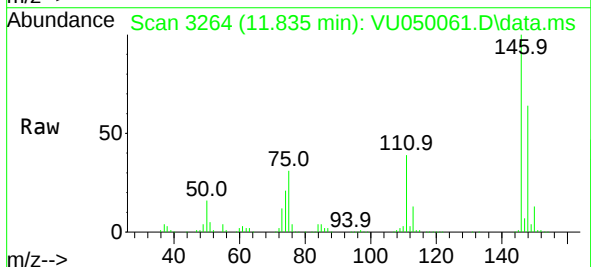
Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

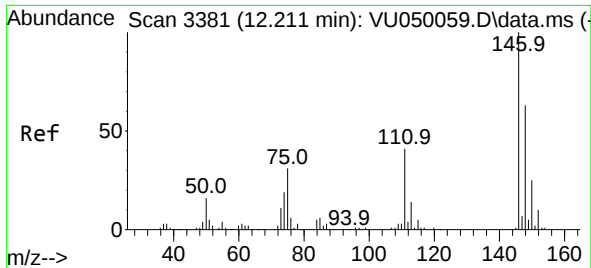
Tgt Ion:146 Resp: 349616
Ion Ratio Lower Upper
146 100
111 41.2 29.9 55.5
148 64.3 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 19.265 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion:146 Resp: 341180
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 64.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 19.345 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD020054

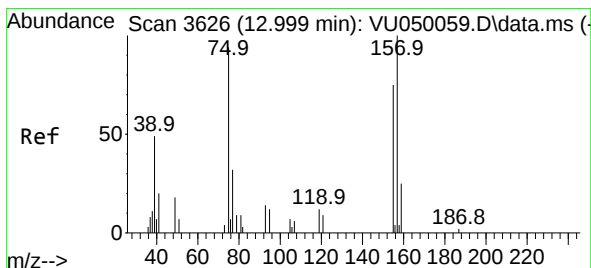
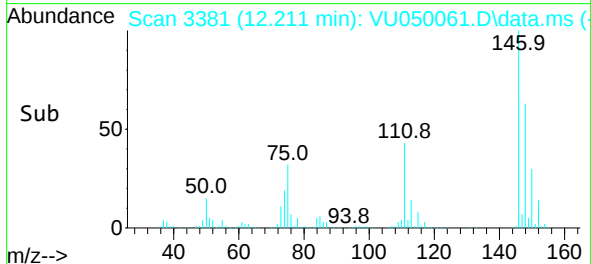
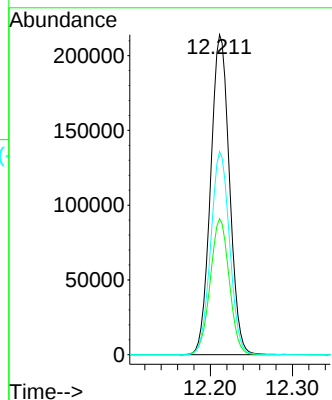
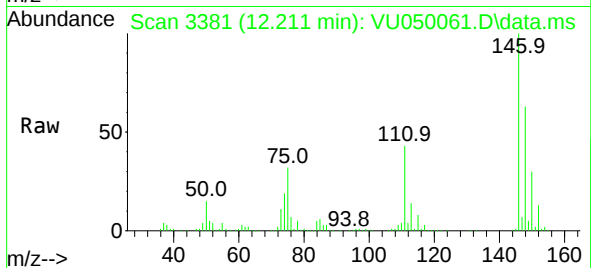
Tgt Ion:146 Resp: 340966

Ion Ratio Lower Upper

146 100

111 42.5 32.9 49.3

148 63.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.723 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU050061.D

Acq: 04 Aug 2022 12:13

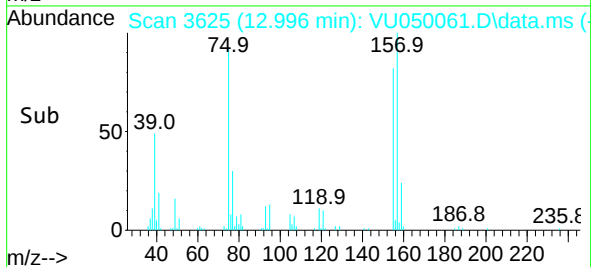
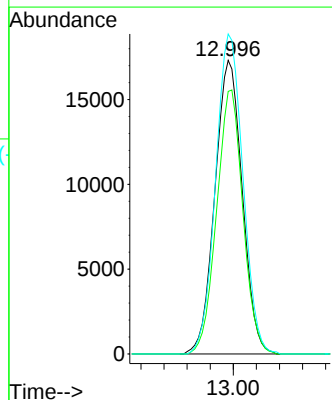
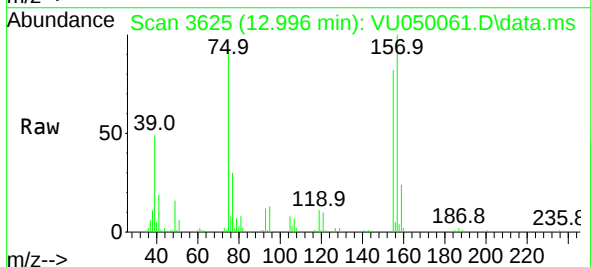
Tgt Ion: 75 Resp: 28484

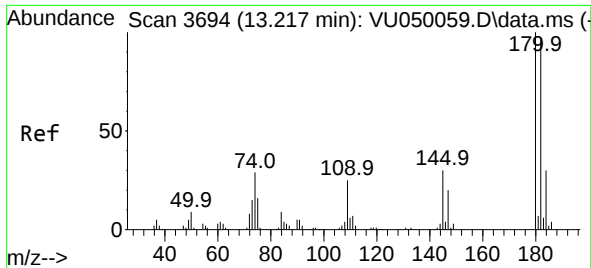
Ion Ratio Lower Upper

75 100

155 89.5 63.5 95.3

157 109.0 85.0 127.6

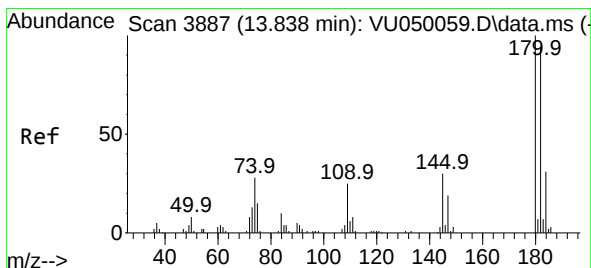
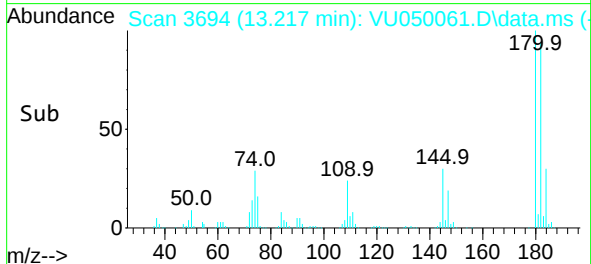
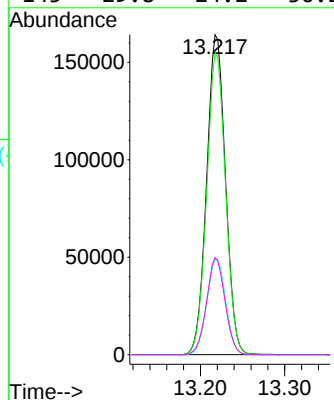
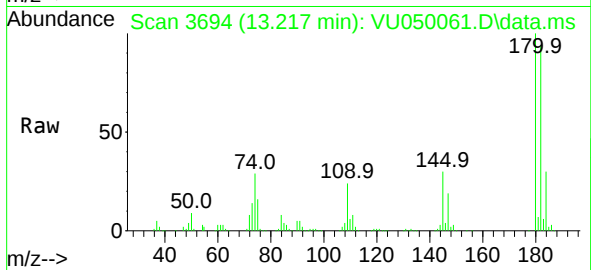




#69
 1,3,5-Trichlorobenzene
 Concen: 19.712 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050061.D
 Acq: 04 Aug 2022 12:13

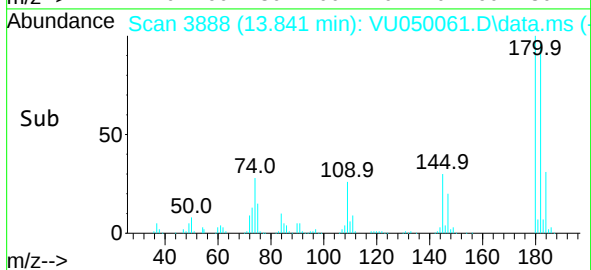
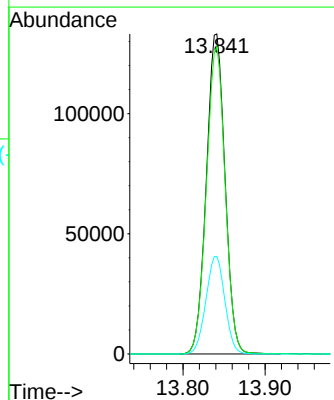
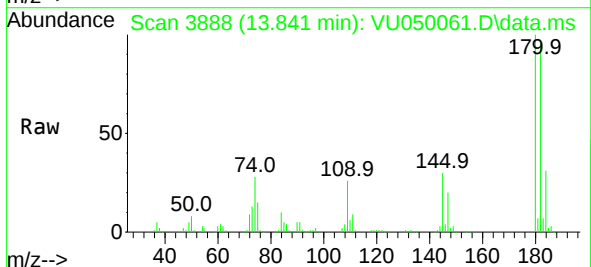
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020054

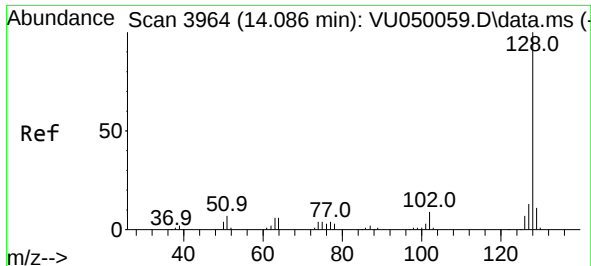
Tgt Ion:180 Resp: 255574
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.3 115.9
 184 30.0 24.1 36.1
 145 29.8 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 21.471 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050061.D
 Acq: 04 Aug 2022 12:13

Tgt Ion:180 Resp: 210932
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.9 115.3
 145 30.9 24.2 36.4

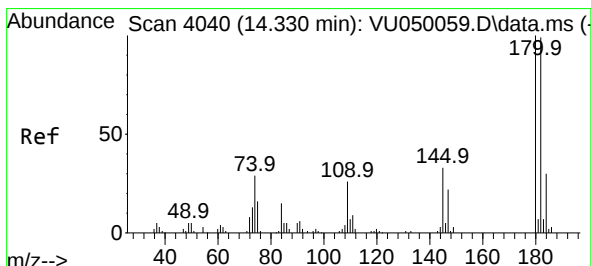
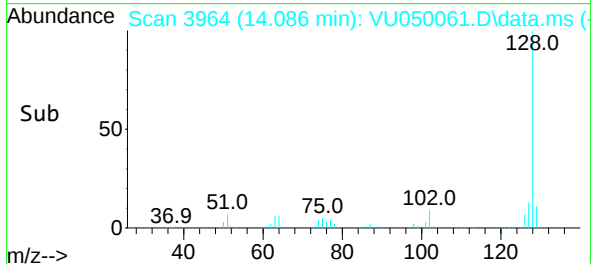
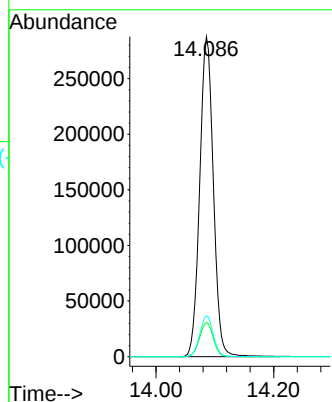
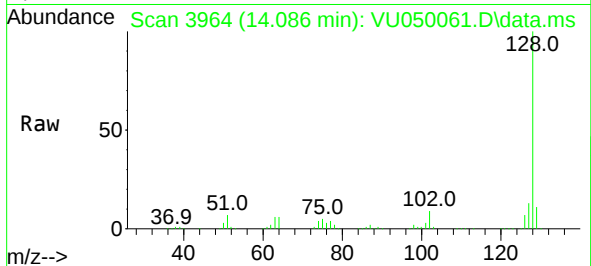




#71
Naphthalene
Concen: 22.984 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD020054

Tgt Ion:128 Resp: 462986
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 21.398 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050061.D
Acq: 04 Aug 2022 12:13

Tgt Ion:180 Resp: 213095
Ion Ratio Lower Upper
180 100
182 95.9 77.5 116.3
145 32.9 25.8 38.6

