

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050060.D
 Acq On : 04 Aug 2022 11:48
 Operator : SY/MD
 Sample : VSTD01053
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010053

Quant Time: Aug 05 04:29:49 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	109717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	107354	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85810	9.398	ug/L	0.00
7) Chloroethane-d5	1.912	69	69915	9.491	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	32628	9.143	ug/L	0.00
20) 2-Butanone-d5	4.639	46	232509	104.423	ug/L	0.00
24) Chloroform-d	5.063	84	162786	9.585	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	79552	9.123	ug/L	0.00
32) Benzene-d6	5.726	84	324093	9.674	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	105607	9.573	ug/L	0.00
41) Toluene-d8	7.899	98	291466	9.851	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	40291	10.192	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	151295	107.920	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91961	9.492	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	95354	9.431	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	90444	8.991	ug/L	99
3) Chloromethane	1.520	50	117909	8.961	ug/L	99
5) Vinyl chloride	1.600	62	109992	9.332	ug/L	99
6) Bromomethane	1.858	94	68962	9.165	ug/L	100
8) Chloroethane	1.932	64	62915	9.058	ug/L	97
9) Trichlorofluoromethane	2.134	101	116633	9.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	62336	8.681	ug/L	99
12) 1,1-Dichloroethene	2.575	96	67089	8.846	ug/L	95
13) Acetone	2.645	43	116655	94.075	ug/L	94
14) Carbon disulfide	2.787	76	245727	9.072	ug/L	100
15) Methyl Acetate	2.957	43	32257	9.527	ug/L	93
16) Methylene chloride	3.041	84	93407	8.061	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	193984	9.800	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	80116	9.435	ug/L	96
19) 1,1-Dichloroethane	3.867	63	150991	9.390	ug/L	100
21) 2-Butanone	4.719	43	243398	109.155	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	92180	9.780	ug/L	99
23) Bromochloromethane	4.973	128	43056	9.558	ug/L	97
25) Chloroform	5.089	83	157762	9.203	ug/L	98
27) 1,2-Dichloroethane	5.796	62	97292	9.325	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	124549	9.457	ug/L	99
30) Cyclohexane	5.385	56	110875	9.663	ug/L	100
31) Carbon tetrachloride	5.523	117	100220	9.284	ug/L	99
33) Benzene	5.774	78	362774	9.645	ug/L	100
34) Trichloroethene	6.542	95	85973	9.451	ug/L	98
35) Methylcyclohexane	6.761	83	114987	9.792	ug/L	99
37) 1,2-Dichloropropane	6.790	63	94823	9.464	ug/L	99
38) Bromodichloromethane	7.105	83	115546	9.494	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	129070	9.871	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	579031	99.781	ug/L	98
42) Toluene	7.970	91	371782	9.856	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	109949	9.805	ug/L	99

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

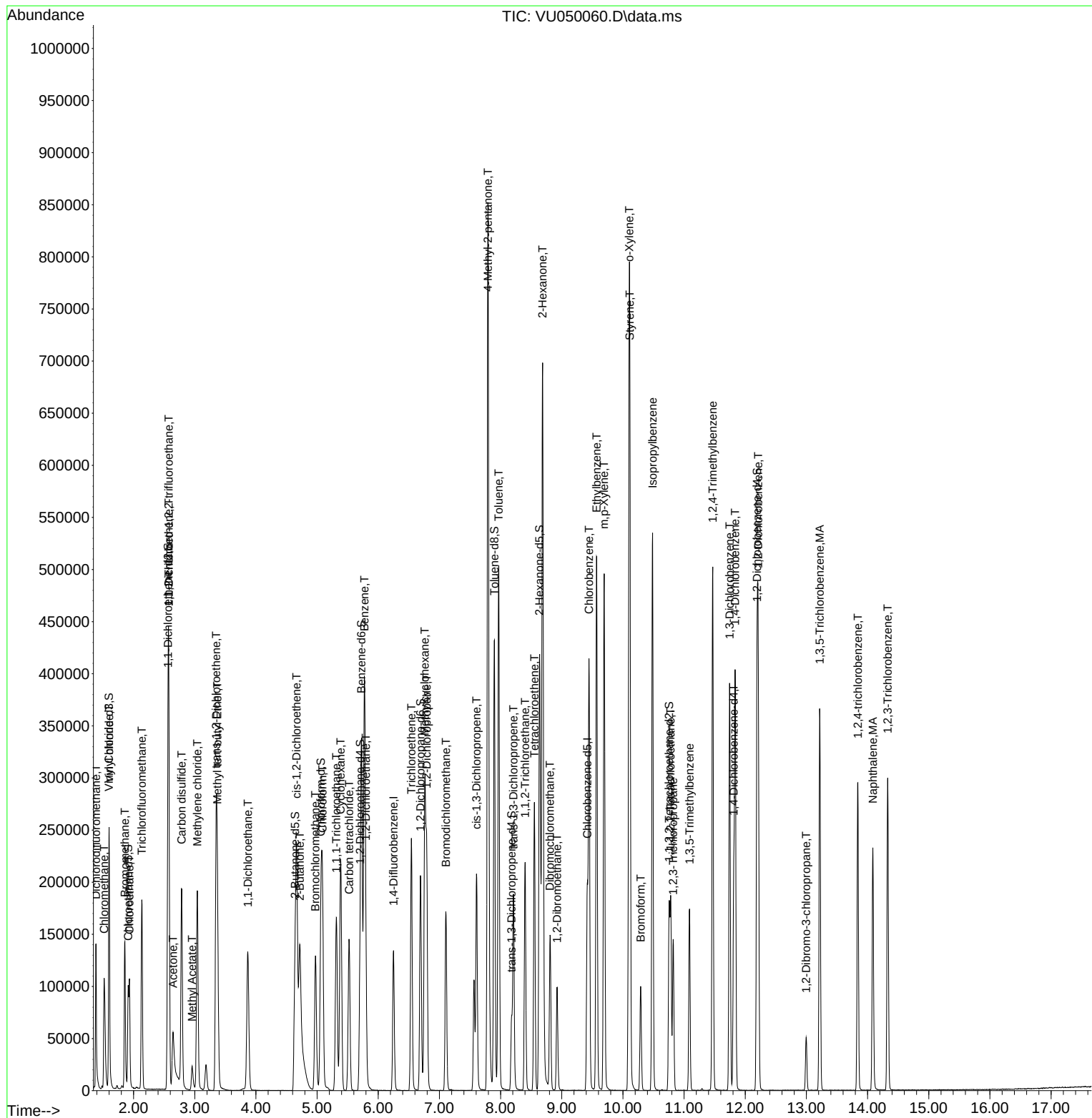
45) 1,1,2-Trichloroethane	8.401	97	69540	9.285	ug/L	94
47) Tetrachloroethene	8.552	164	60498	9.282	ug/L	97
48) 2-Hexanone	8.687	43	455640	101.518	ug/L	99
49) Dibromochloromethane	8.809	129	78086	9.420	ug/L	99
50) 1,2-Dibromoethane	8.925	107	66406	9.779	ug/L	98
51) Chlorobenzene	9.446	112	225721	9.510	ug/L	98
52) Ethylbenzene	9.571	91	369396	10.035	ug/L	100
53) m,p-Xylene	9.693	106	140703	10.379	ug/L	100
54) o-Xylene	10.102	106	140813	10.406	ug/L	98
55) Styrene	10.115	104	246635	10.910	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	93321	9.483	ug/L	98
59) Bromoform	10.291	173	45909	8.871	ug/L	98
60) Isopropylbenzene	10.484	105	344221	9.989	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	63285	9.003	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	95761	9.835	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	277659	10.467	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	162788	9.372	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	157658	9.328	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	157375	9.356	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	13908	10.091	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	114065	9.219	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	92053	9.819	ug/L	99
71) Naphthalene	14.085	128	190975	9.934	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	93931	9.884	ug/L	98

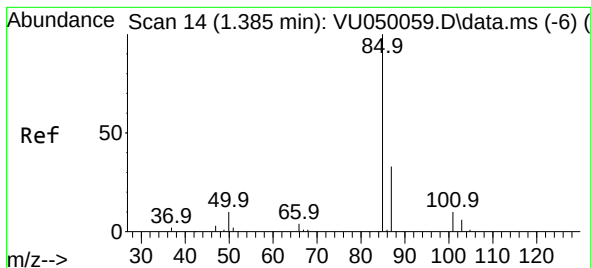
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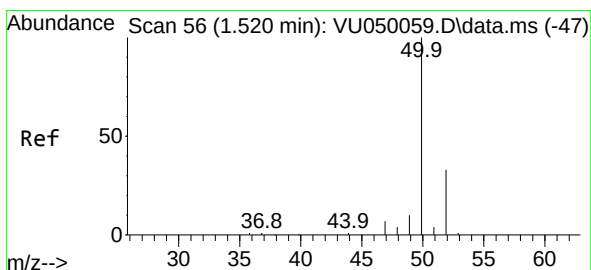
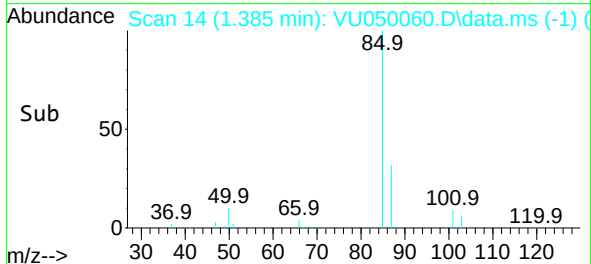
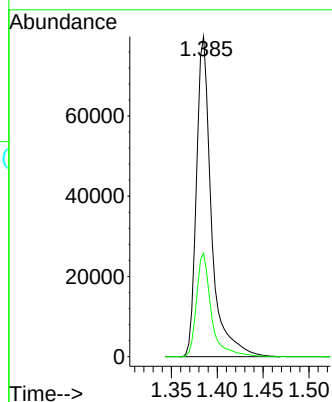
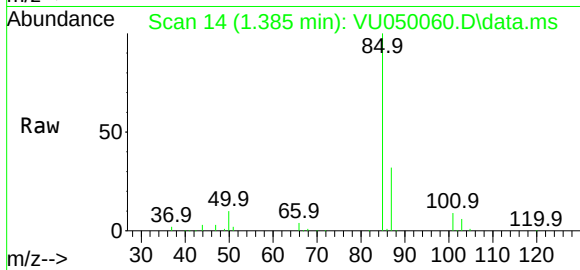




#2
Dichlorodifluoromethane
Concen: 8.991 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

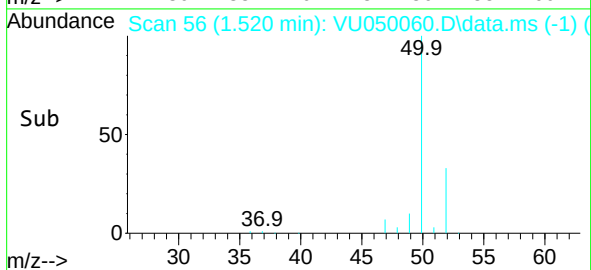
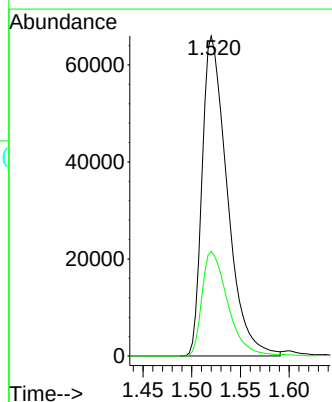
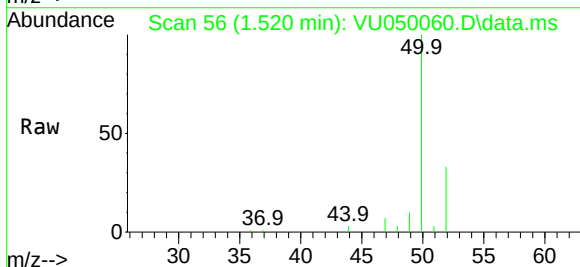
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MSVOA_U
ClientSampleId :
VSTD010053

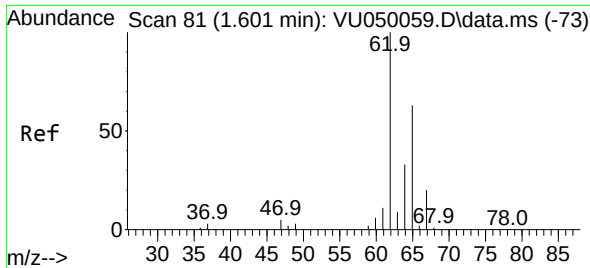
Tgt Ion: 85 Resp: 90444
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.4



#3
Chloromethane
Concen: 8.961 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 50 Resp: 117909
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

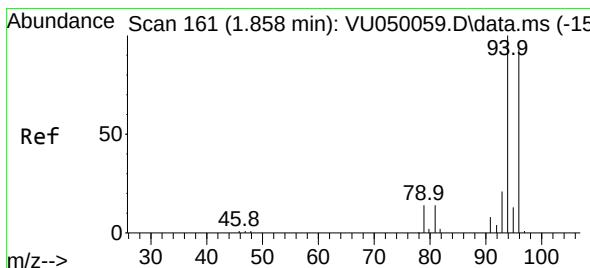
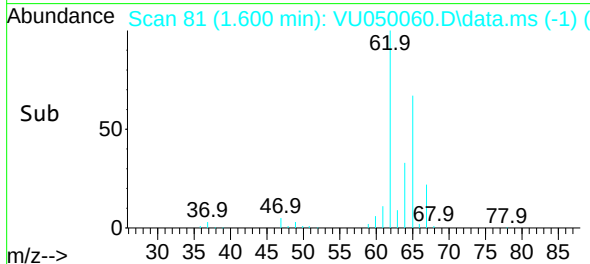
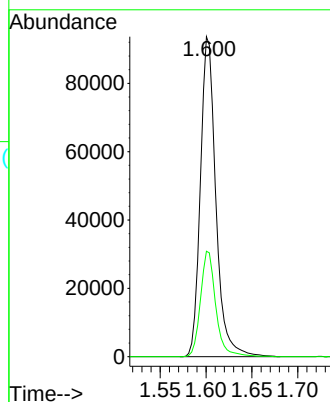
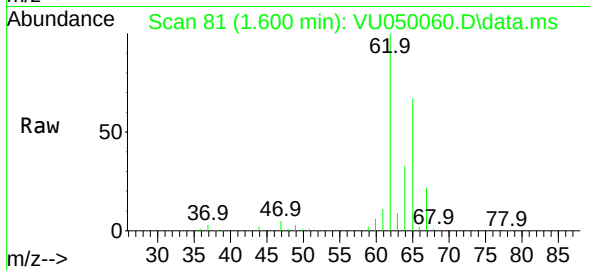




#5
 Vinyl chloride
 Concen: 9.332 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

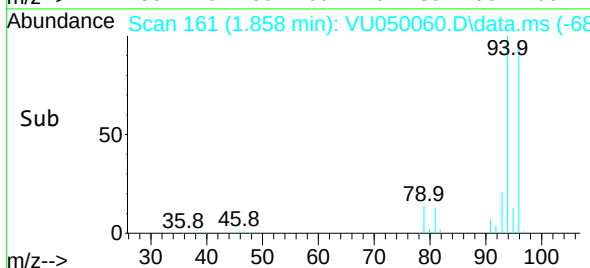
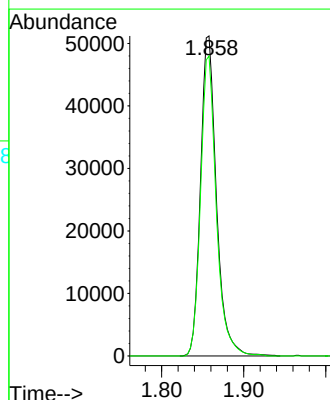
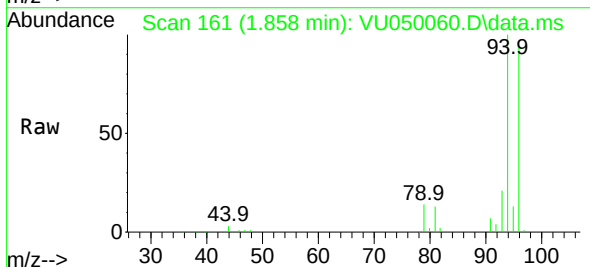
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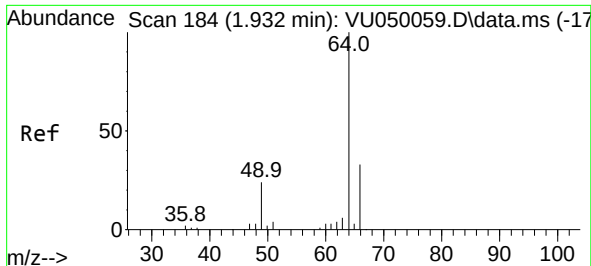
Tgt Ion: 62 Resp: 109992
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 9.165 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 94 Resp: 68962
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.3 121.3

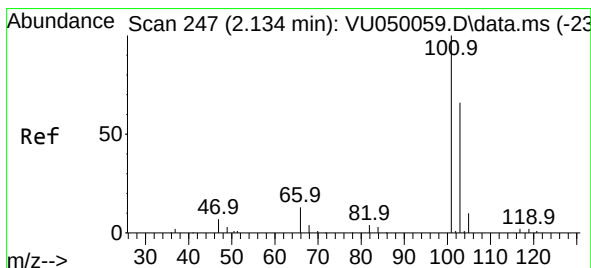
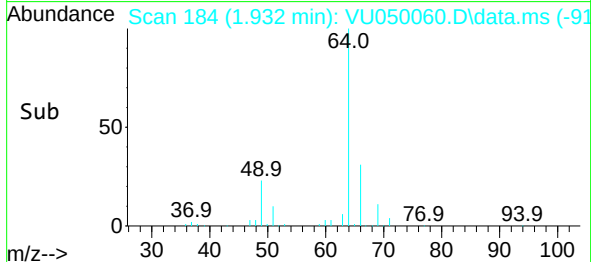
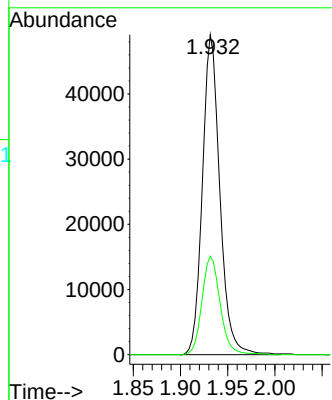
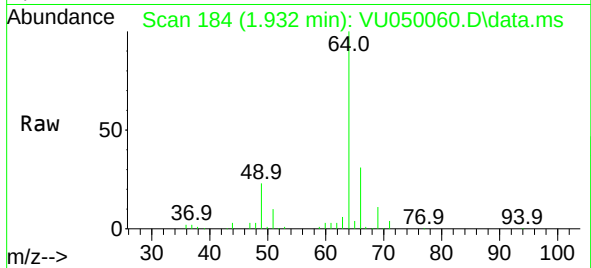




#8
Chloroethane
Concen: 9.058 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

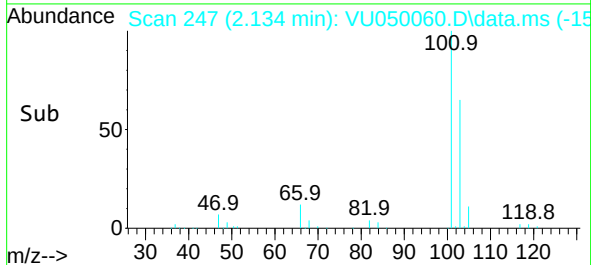
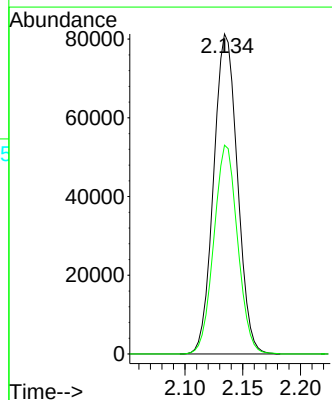
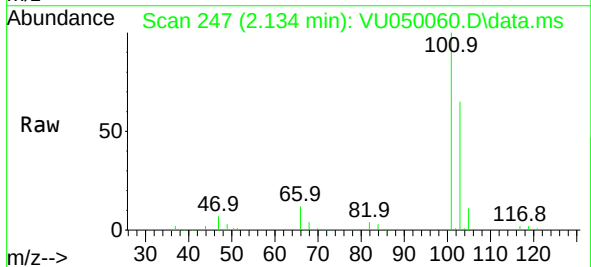
Instrument :
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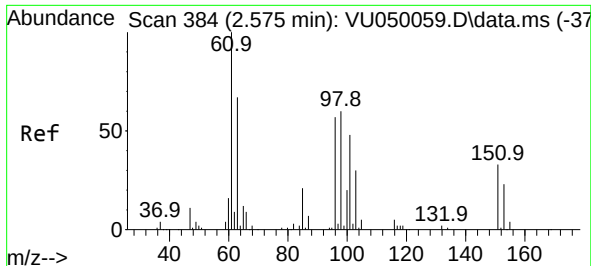
Tgt Ion: 64 Resp: 62915
Ion Ratio Lower Upper
64 100
66 30.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 9.035 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 101 Resp: 116633
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8

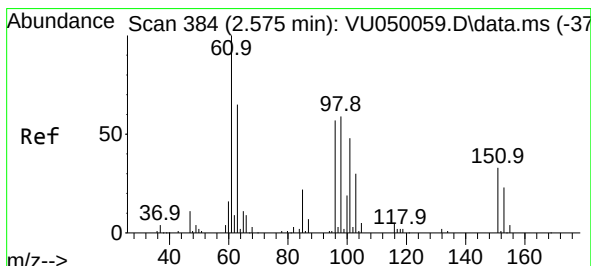
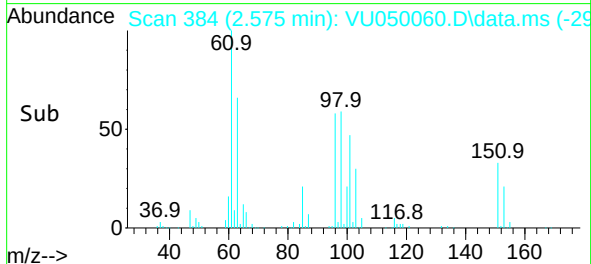
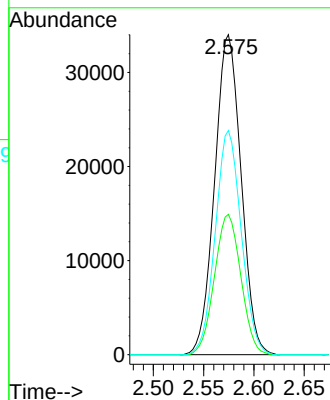
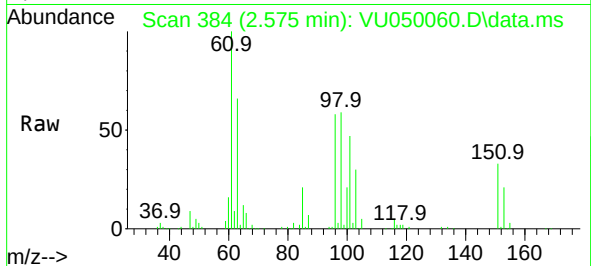




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.681 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

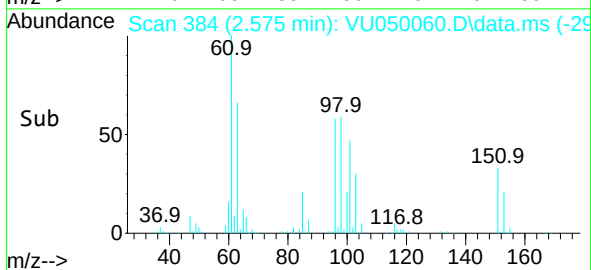
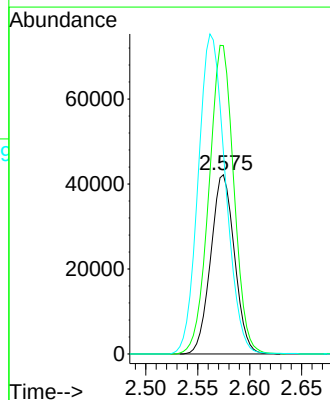
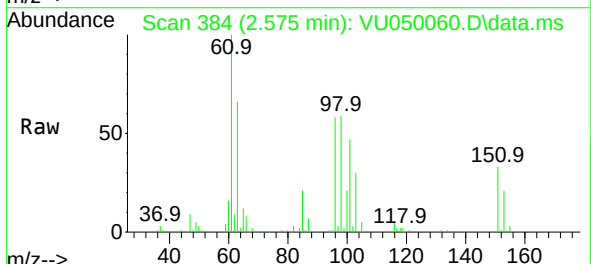
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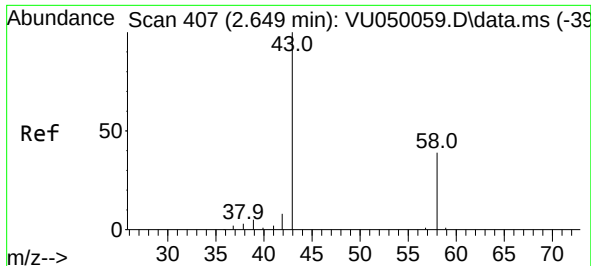
Tgt Ion:101 Resp: 62336
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.6 53.4
 151 68.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 8.846 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 96 Resp: 67089
 Ion Ratio Lower Upper
 96 100
 61 172.1 122.7 227.9
 63 112.9 85.1 158.1

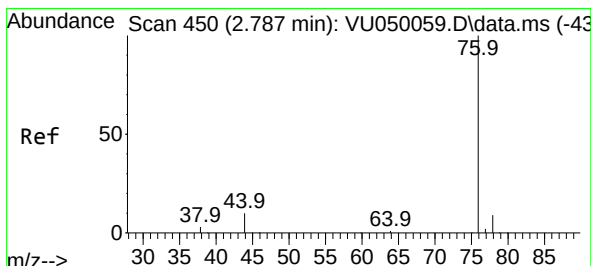
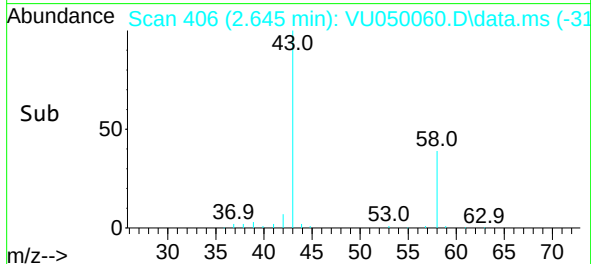
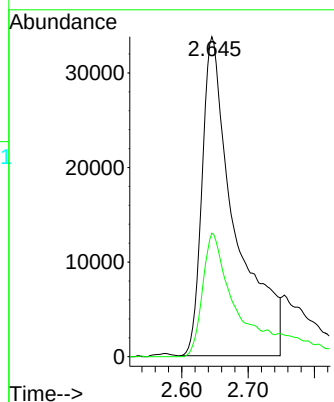
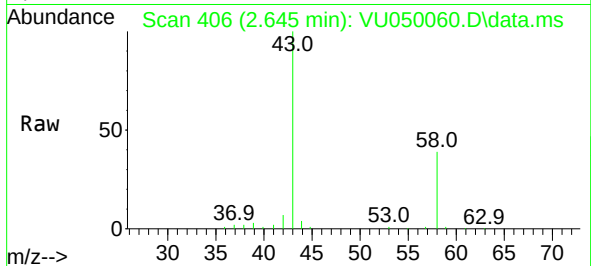




#13
Acetone
Concen: 94.075 ug/L
RT: 2.645 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

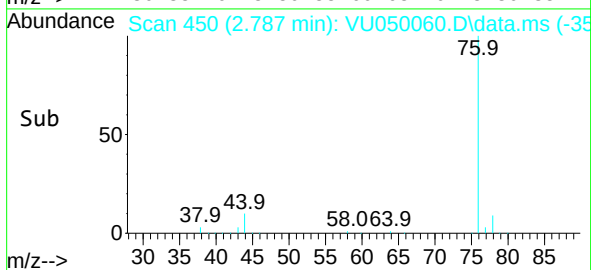
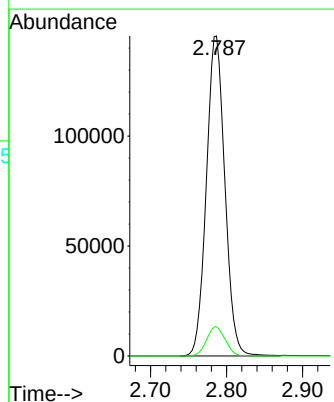
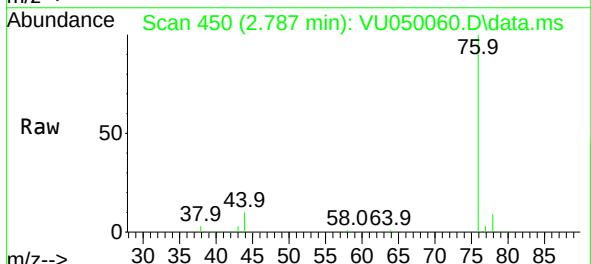
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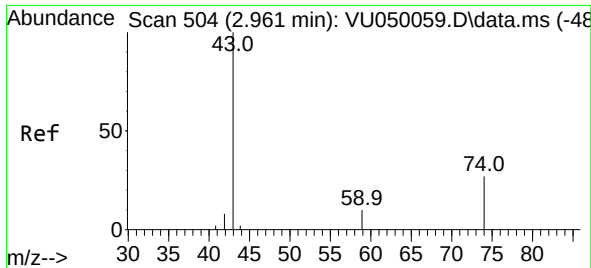
Tgt Ion: 43 Resp: 116655
Ion Ratio Lower Upper
43 100
58 35.2 0.0 64.0



#14
Carbon disulfide
Concen: 9.072 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 76 Resp: 245727
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

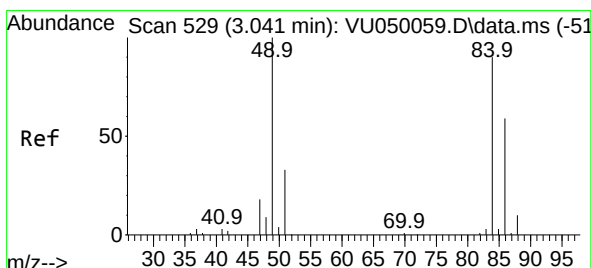
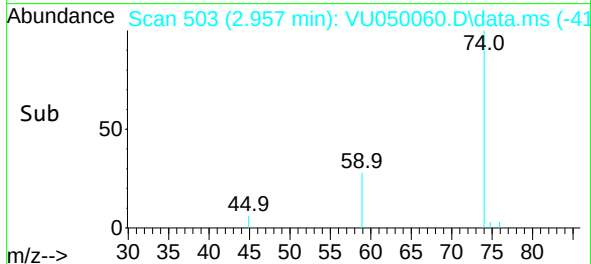
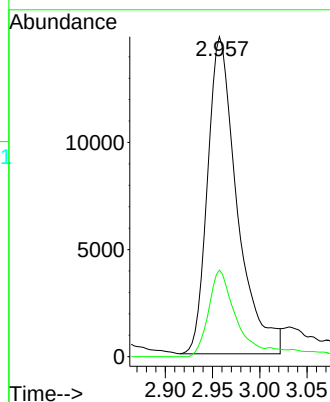
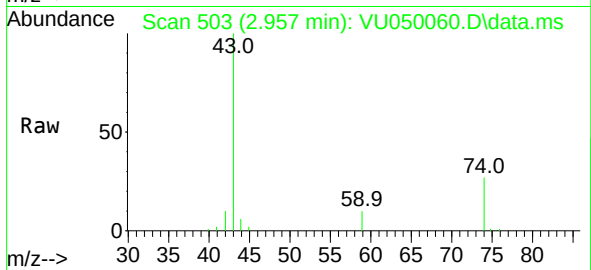




#15
Methyl Acetate
Concen: 9.527 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

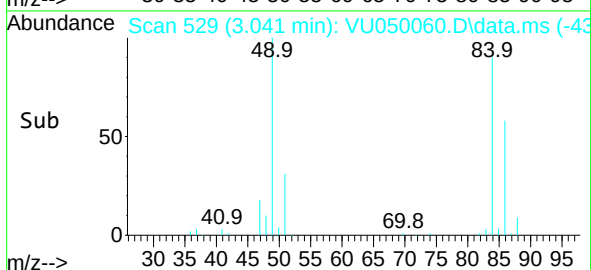
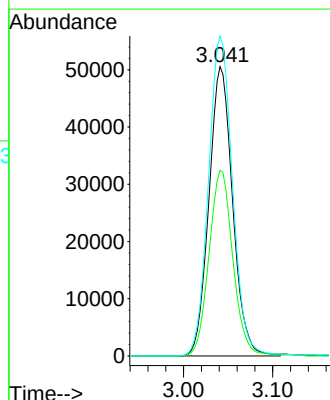
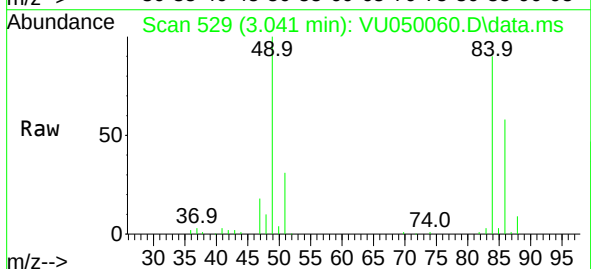
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

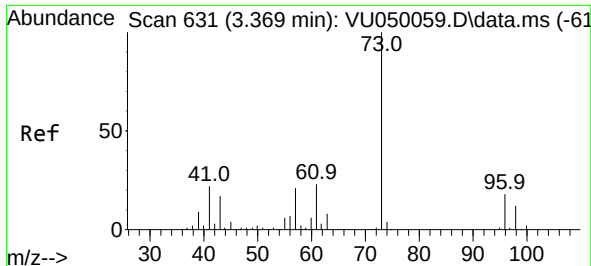
Tgt Ion: 43 Resp: 32257
Ion Ratio Lower Upper
43 100
74 24.6 22.7 34.1



#16
Methylene chloride
Concen: 8.061 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 84 Resp: 93407
Ion Ratio Lower Upper
84 100
86 64.2 45.9 85.3
49 110.6 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 9.800 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD010053

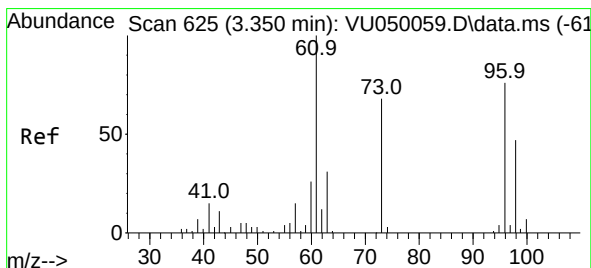
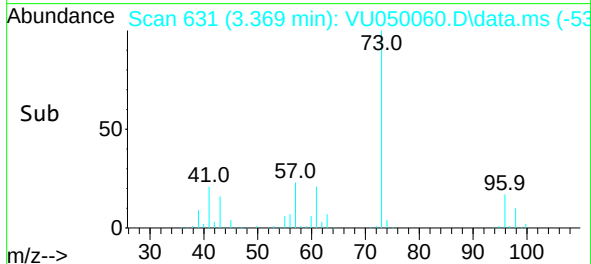
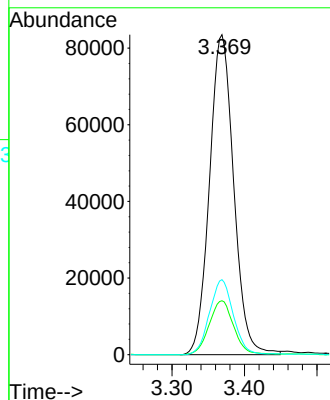
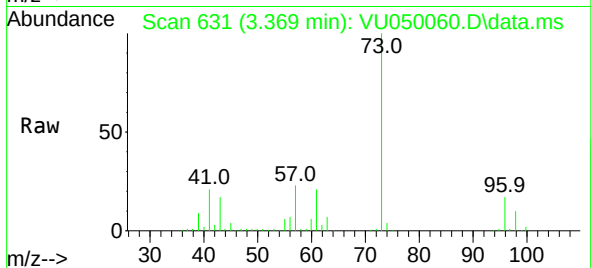
Tgt Ion: 73 Resp: 193984

Ion Ratio Lower Upper

73 100

43 17.2 13.5 20.3

57 23.0 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 9.435 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

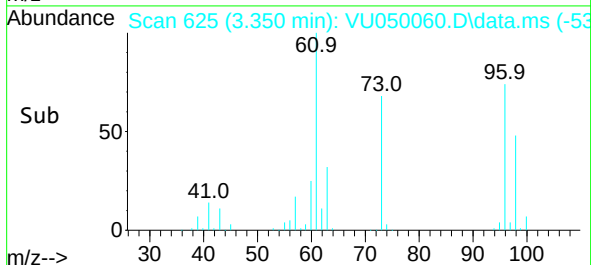
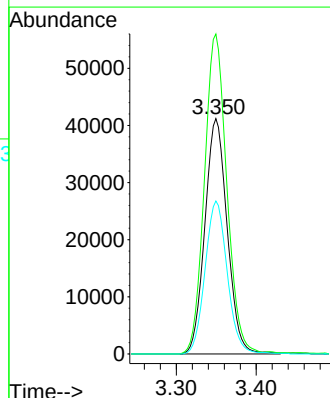
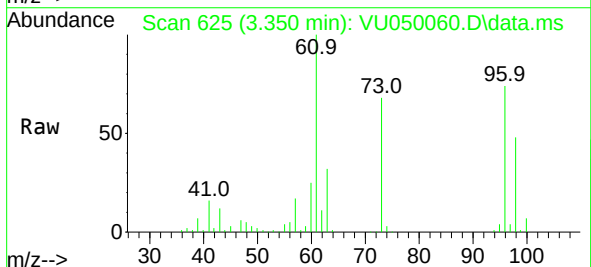
Tgt Ion: 96 Resp: 80116

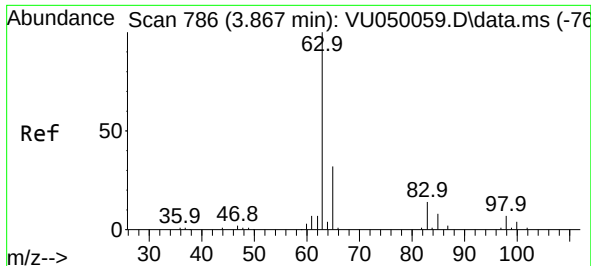
Ion Ratio Lower Upper

96 100

61 136.0 92.3 171.5

98 65.0 43.2 80.2





#19

1,1-Dichloroethane

Concen: 9.390 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD010053

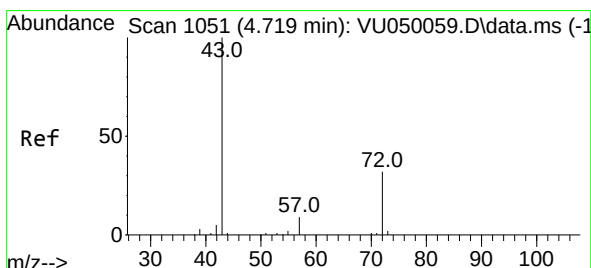
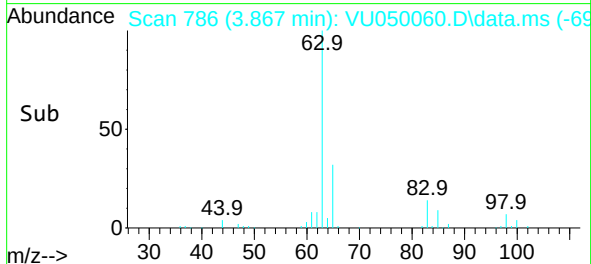
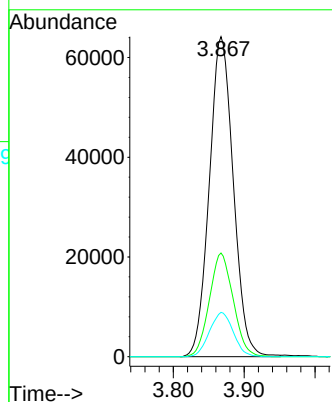
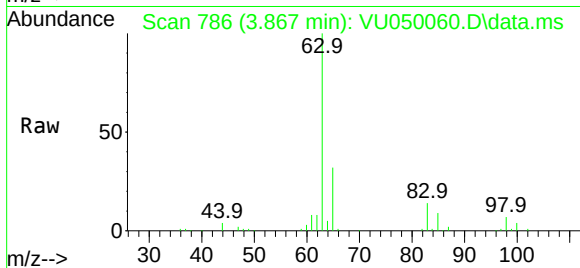
Tgt Ion: 63 Resp: 150991

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.3

83 13.8 9.8 18.2



#21

2-Butanone

Concen: 109.155 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VU050060.D

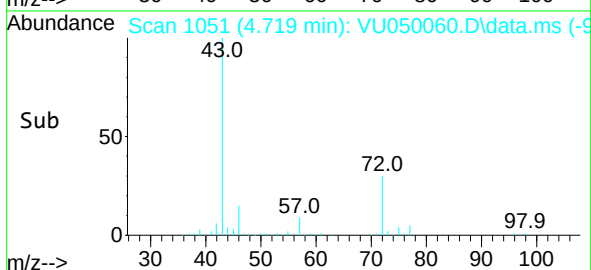
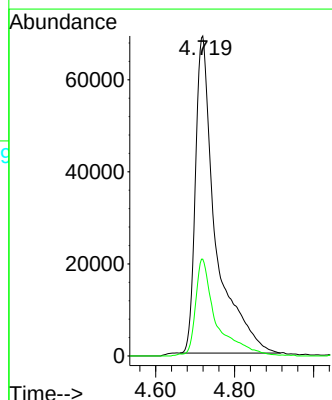
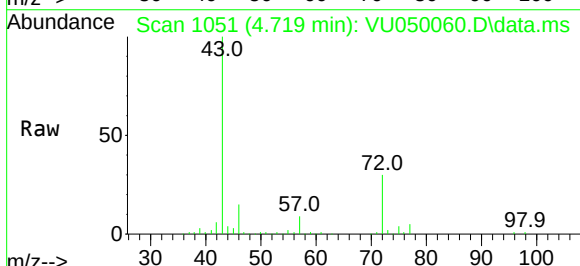
Acq: 04 Aug 2022 11:48

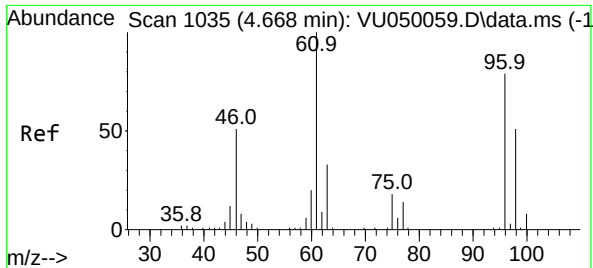
Tgt Ion: 43 Resp: 243398

Ion Ratio Lower Upper

43 100

72 31.5 14.0 42.0

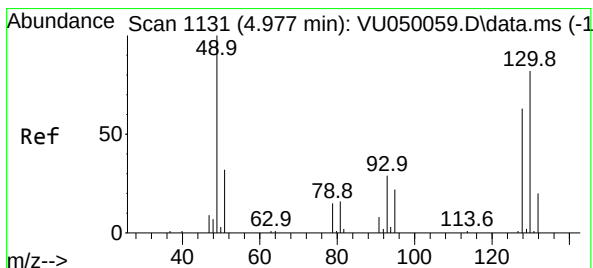
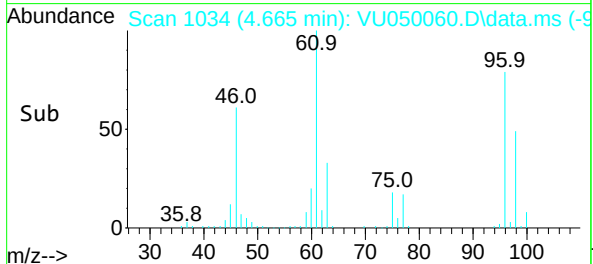
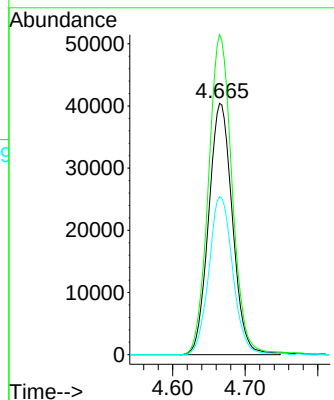
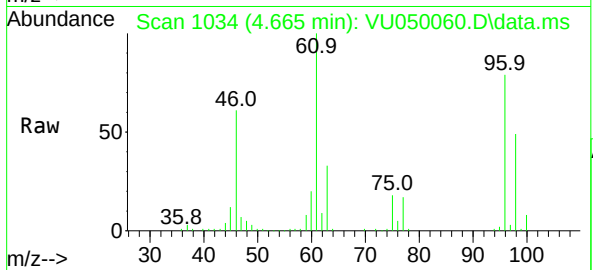




#22
 cis-1,2-Dichloroethene
 Concen: 9.780 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

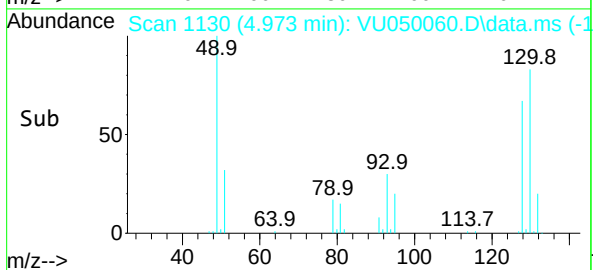
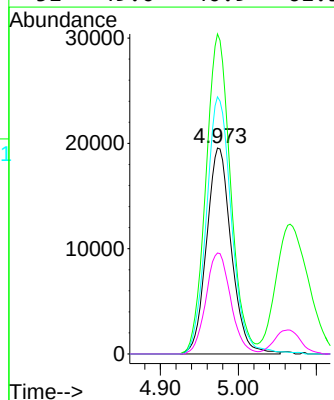
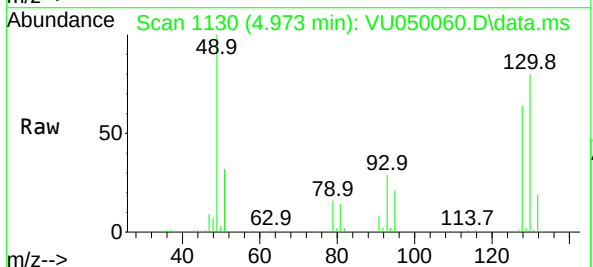
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010053

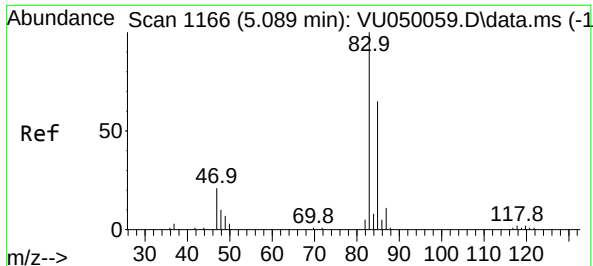
Tgt Ion: 96 Resp: 92180
 Ion Ratio Lower Upper
 96 100
 61 127.3 89.0 165.4
 98 62.8 45.2 84.0



#23
 Bromochloromethane
 Concen: 9.558 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 128 Resp: 43056
 Ion Ratio Lower Upper
 128 100
 49 155.4 111.4 206.8
 130 124.9 90.2 167.4
 51 49.0 40.9 61.3





#25

Chloroform

Concen: 9.203 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

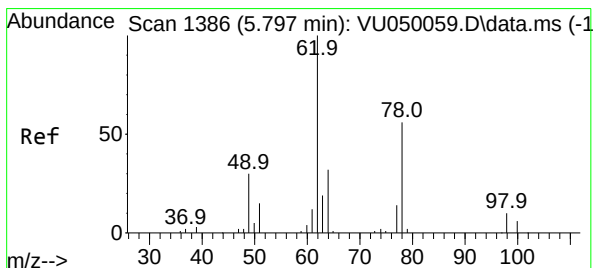
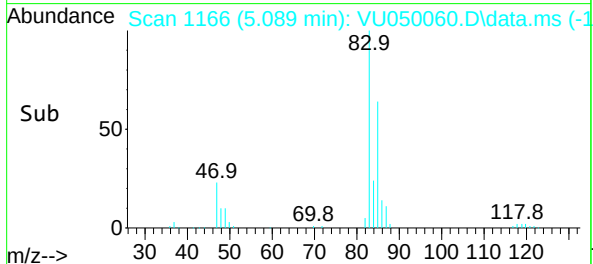
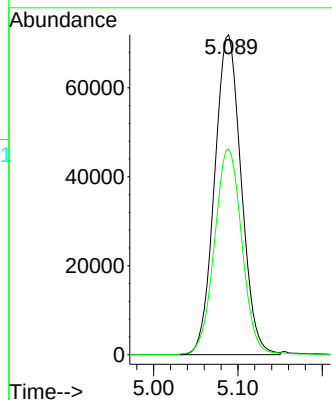
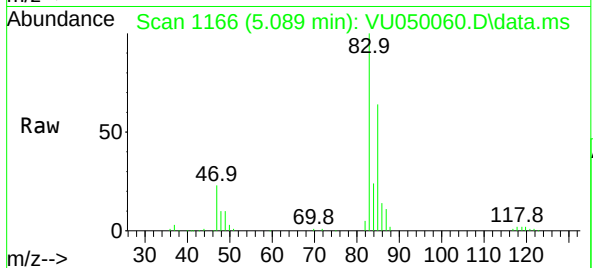
VSTD010053

Tgt Ion: 83 Resp: 157762

Ion Ratio Lower Upper

83 100

85 64.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 9.325 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050060.D

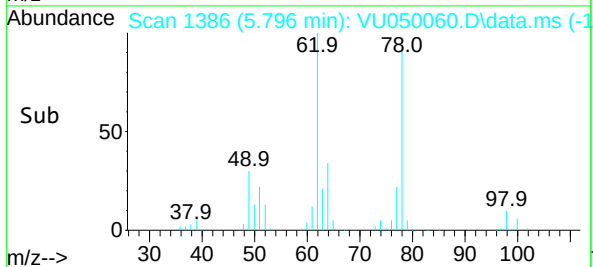
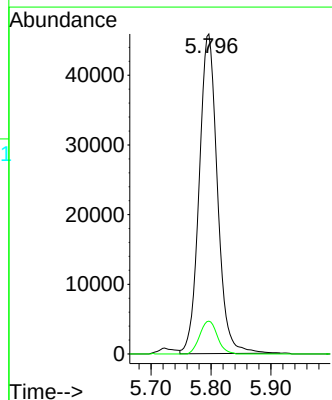
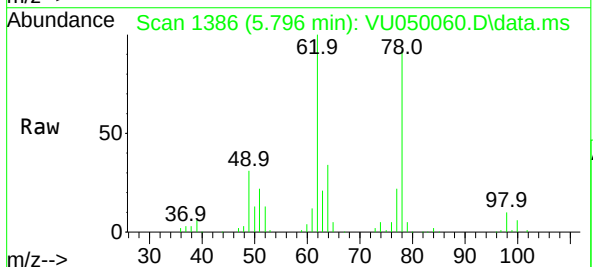
Acq: 04 Aug 2022 11:48

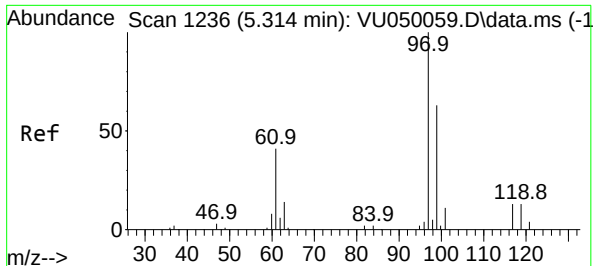
Tgt Ion: 62 Resp: 97292

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 9.457 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD010053

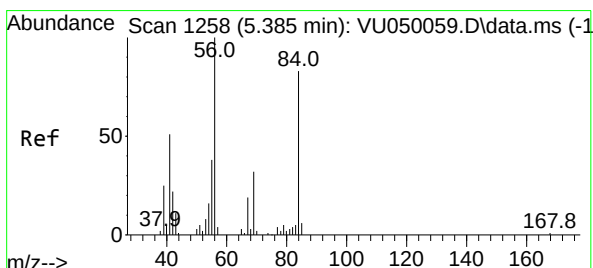
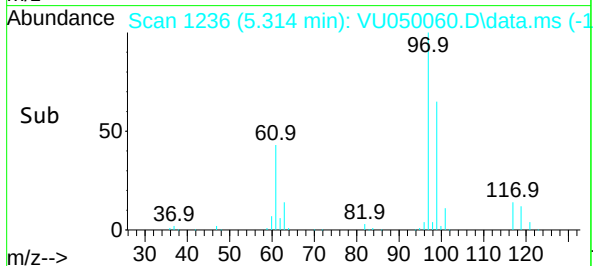
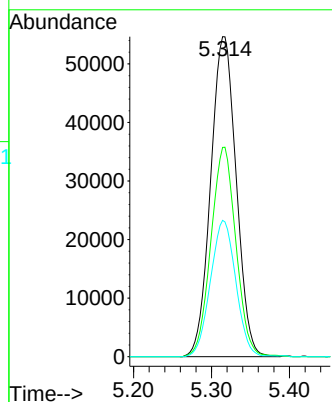
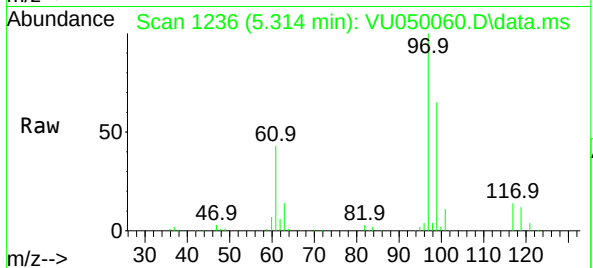
Tgt Ion: 97 Resp: 124549

Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 42.3 34.2 51.4



#30

Cyclohexane

Concen: 9.663 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

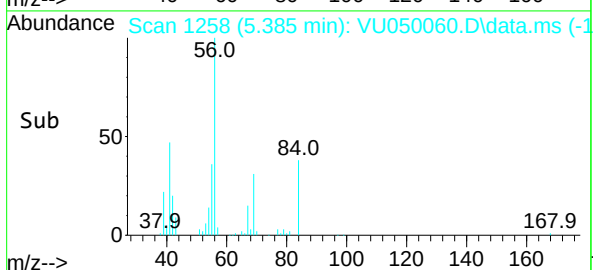
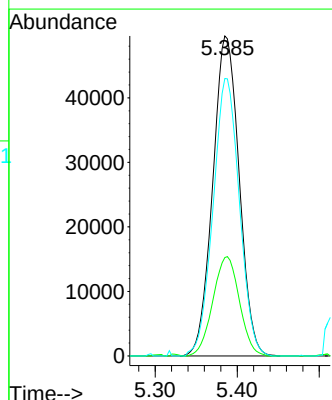
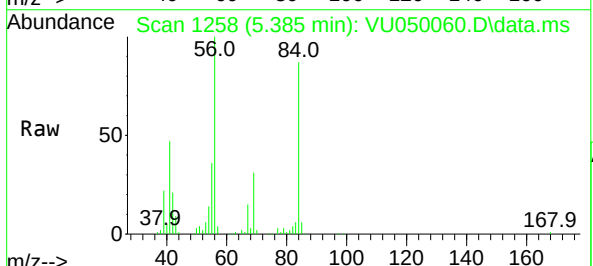
Tgt Ion: 56 Resp: 110875

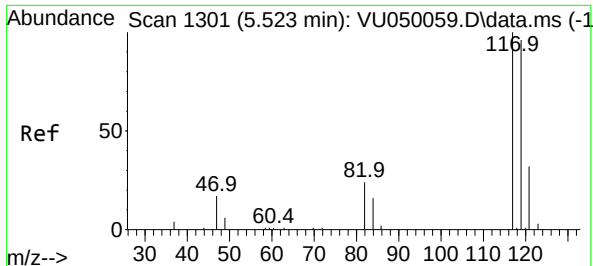
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 86.6 69.1 103.7

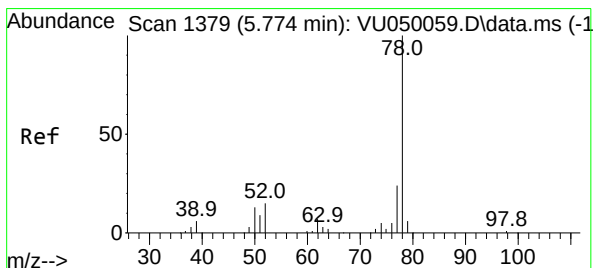
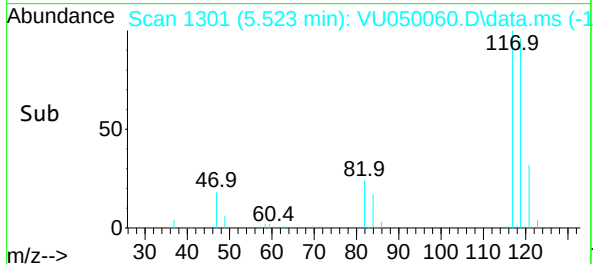
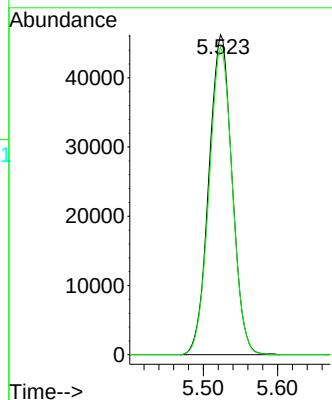
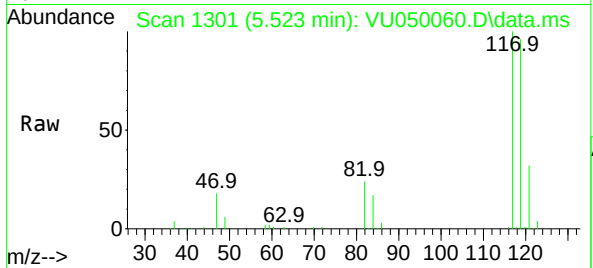




#31
Carbon tetrachloride
Concen: 9.284 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

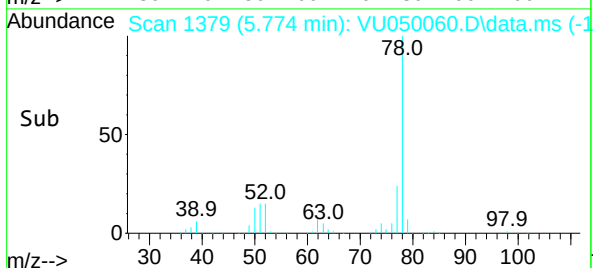
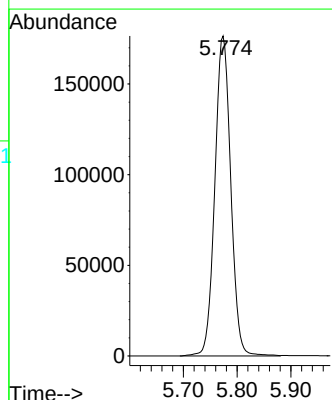
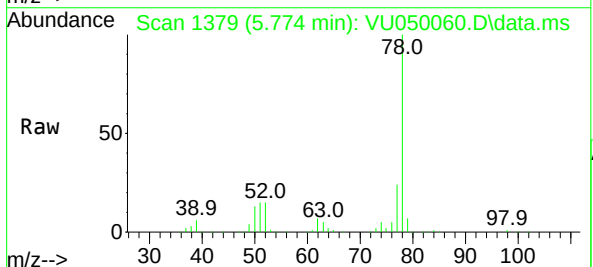
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

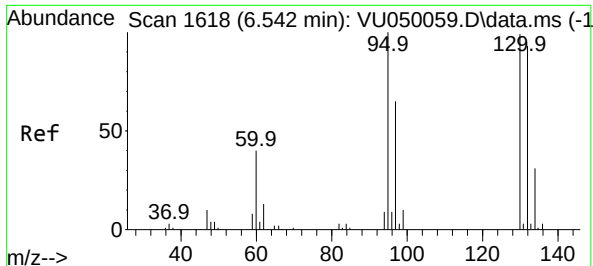
Tgt Ion:117 Resp: 100220
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 9.645 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 78 Resp: 362774



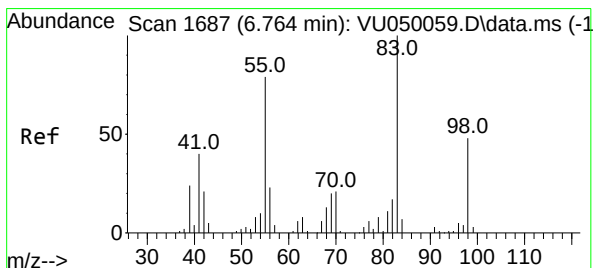
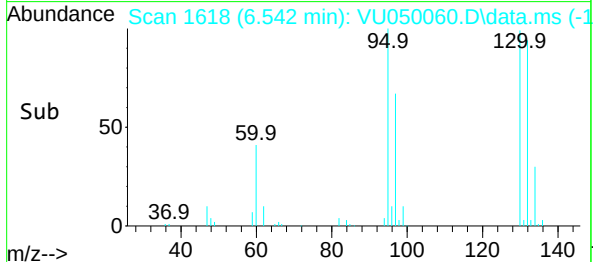
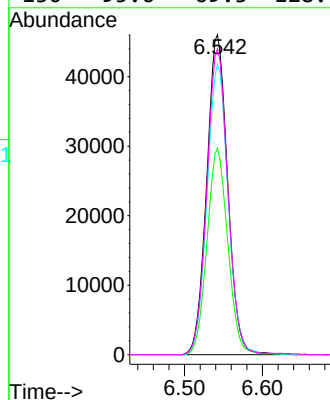
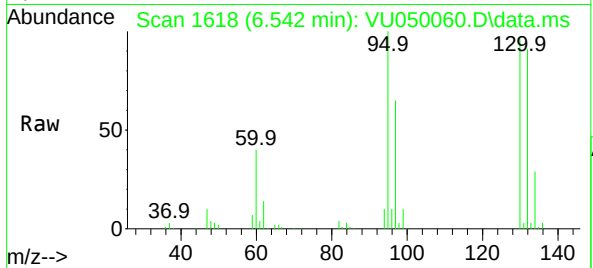


#34
Trichloroethene
Concen: 9.451 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

Tgt Ion: 95 Resp: 85973

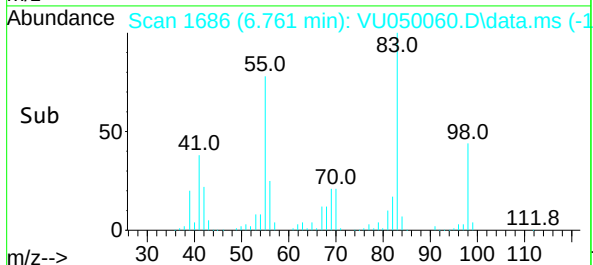
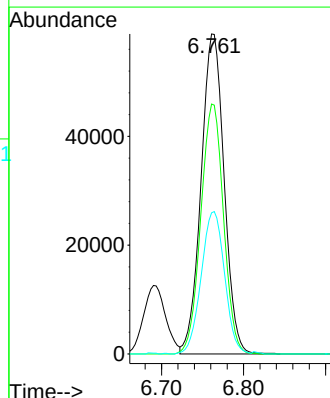
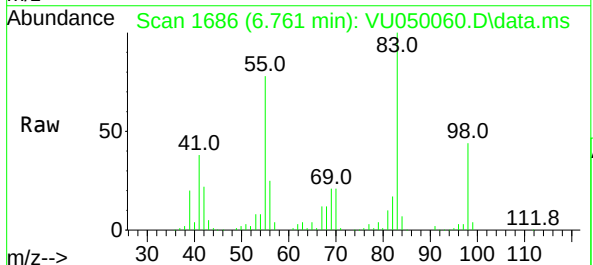
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.8
132	90.7	65.0	120.6
130	95.6	69.3	128.7

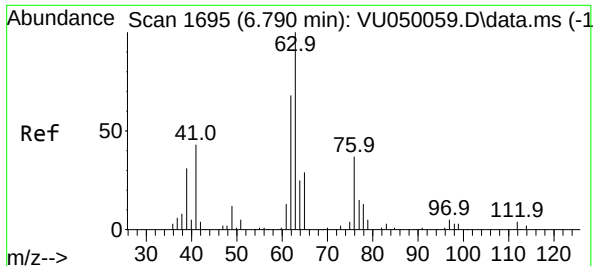


#35
Methylcyclohexane
Concen: 9.792 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 83 Resp: 114987

Ion	Ratio	Lower	Upper
83	100		
55	76.7	62.7	94.1
98	45.1	36.2	54.2





#37

1,2-Dichloropropane

Concen: 9.464 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

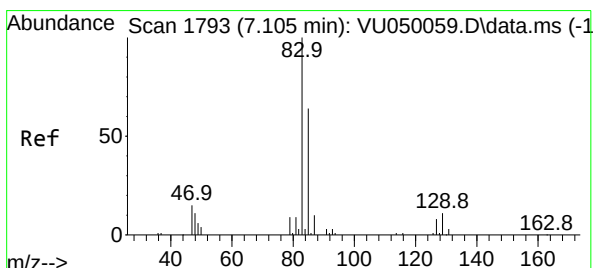
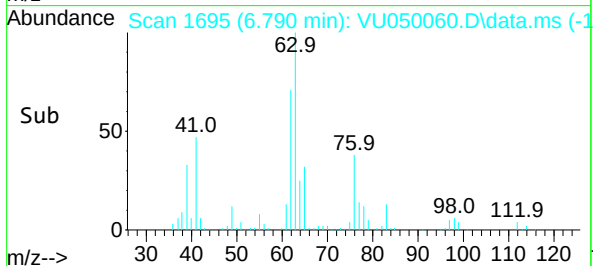
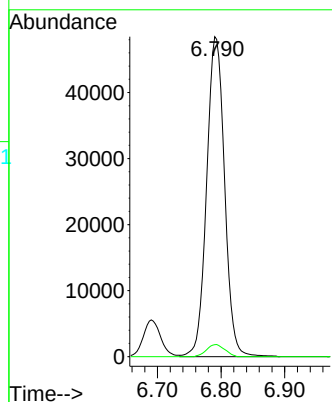
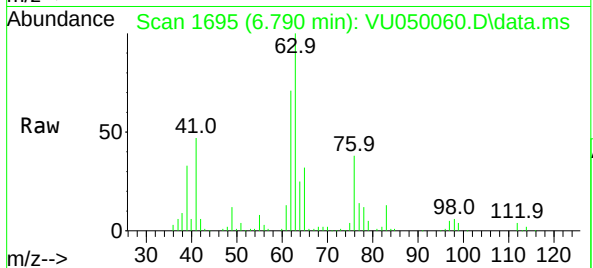
VSTD010053

Tgt Ion: 63 Resp: 94823

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 9.494 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

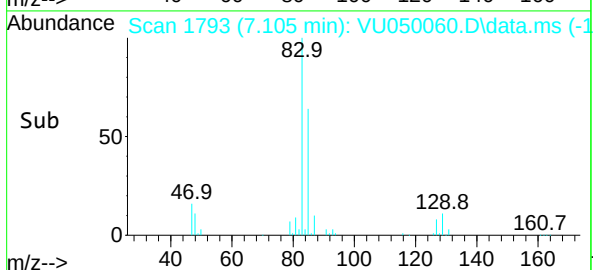
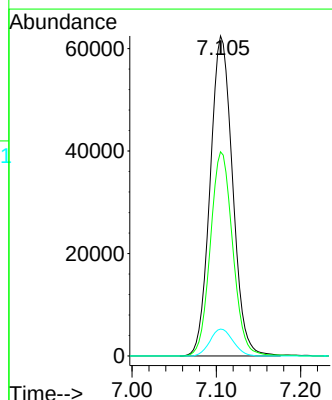
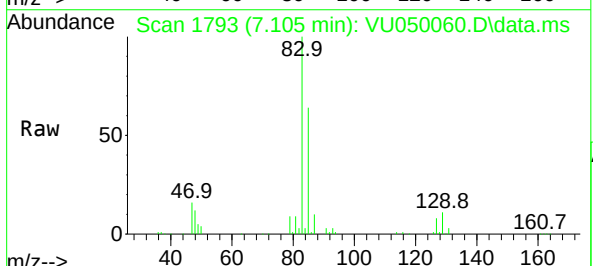
Tgt Ion: 83 Resp: 115546

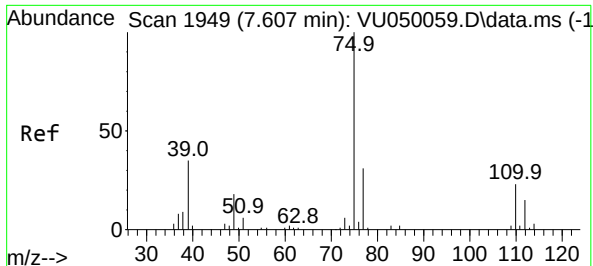
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 9.871 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

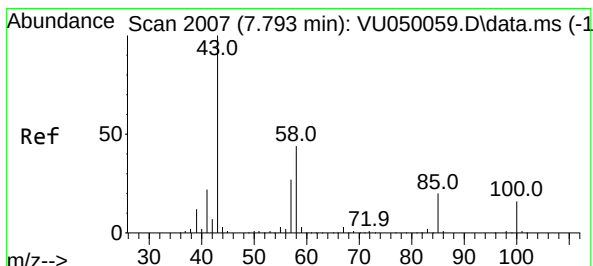
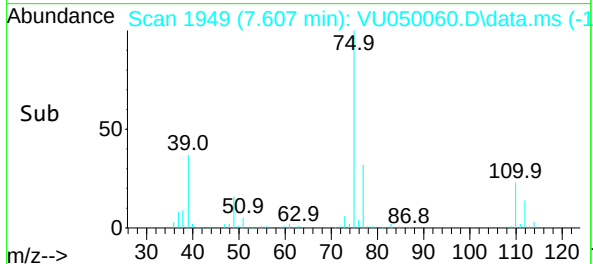
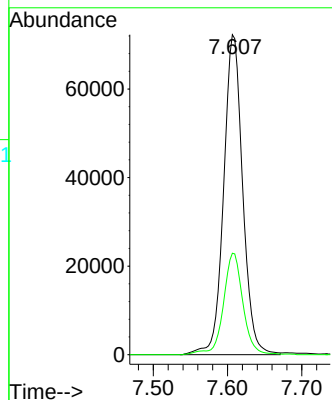
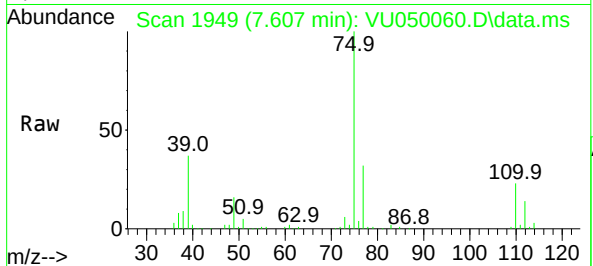
VSTD010053

Tgt Ion: 75 Resp: 129070

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 99.781 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

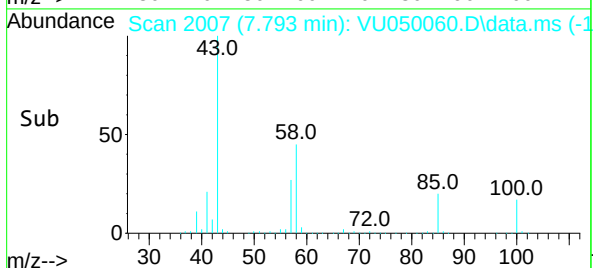
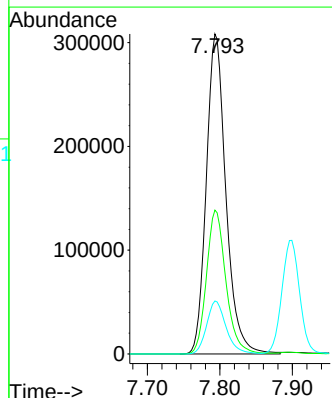
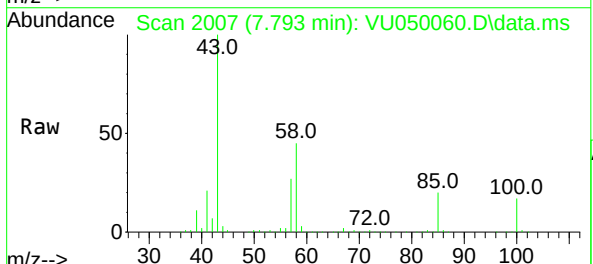
Tgt Ion: 43 Resp: 579031

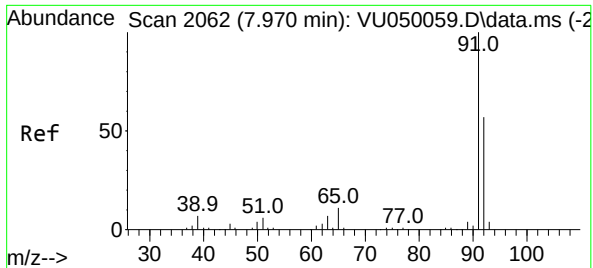
Ion Ratio Lower Upper

43 100

58 44.7 34.6 51.8

100 16.5 13.0 19.4





#42

Toluene

Concen: 9.856 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

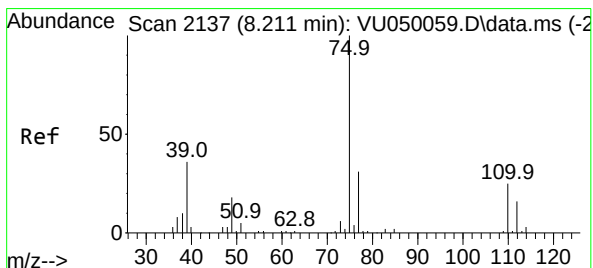
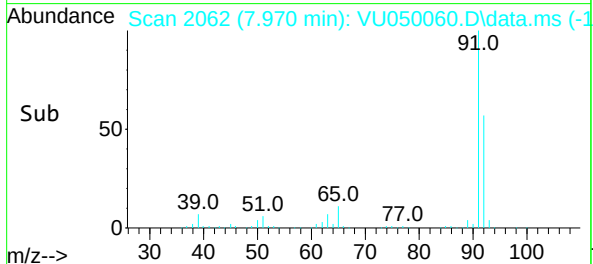
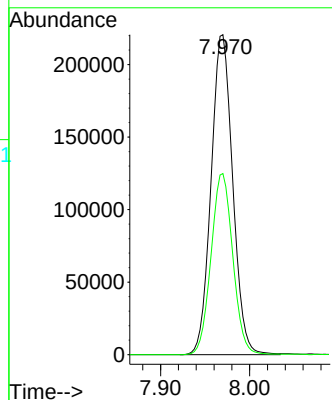
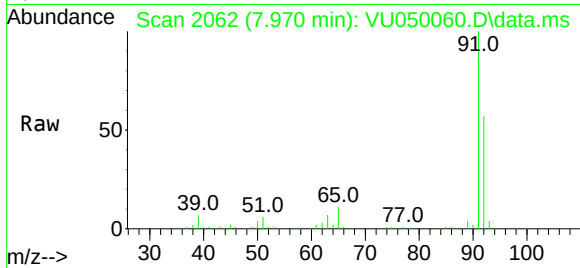
VSTD010053

Tgt Ion: 91 Resp: 371782

Ion Ratio Lower Upper

91 100

92 56.6 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 9.805 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050060.D

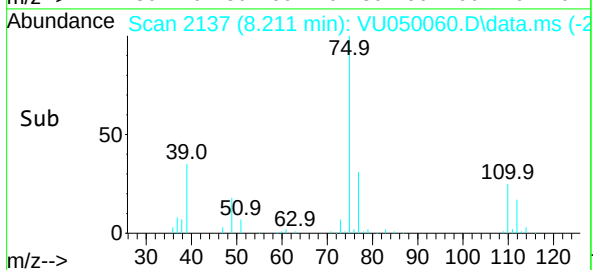
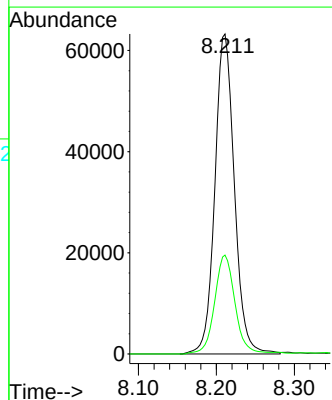
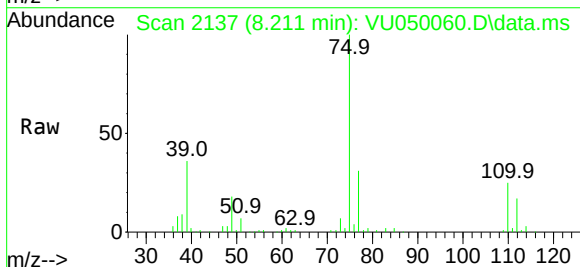
Acq: 04 Aug 2022 11:48

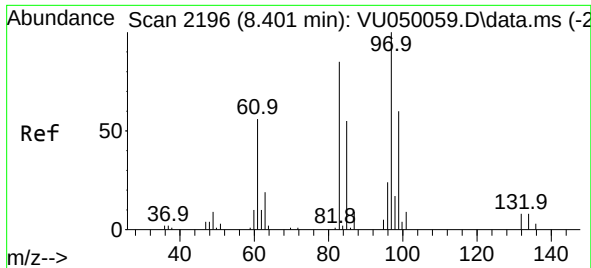
Tgt Ion: 75 Resp: 109949

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8

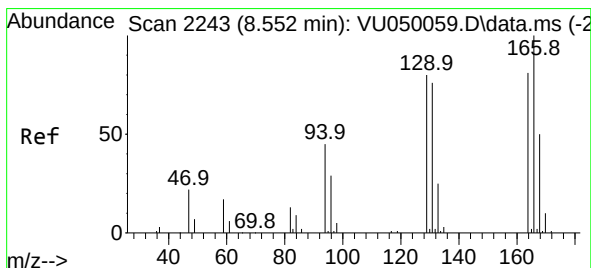
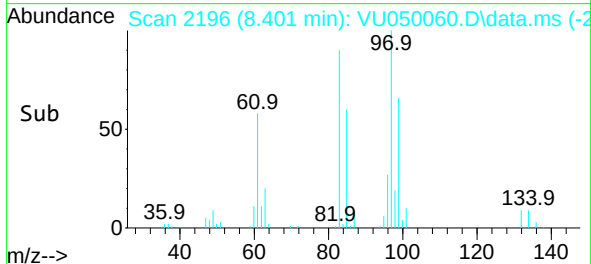
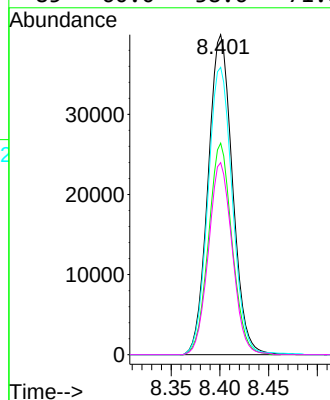
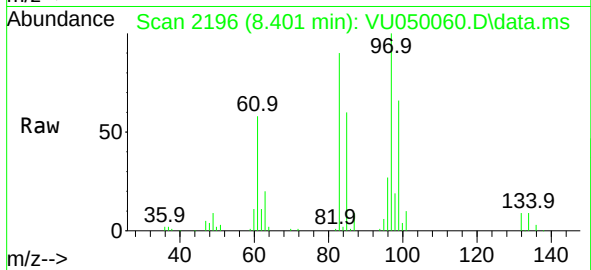




#45
1,1,2-Trichloroethane
Concen: 9.285 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

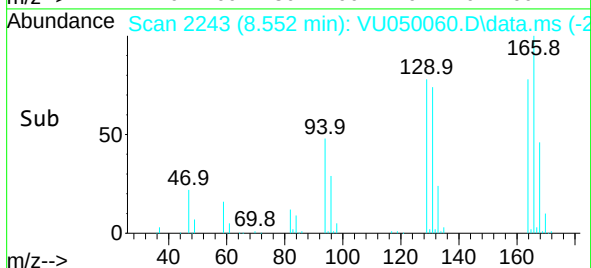
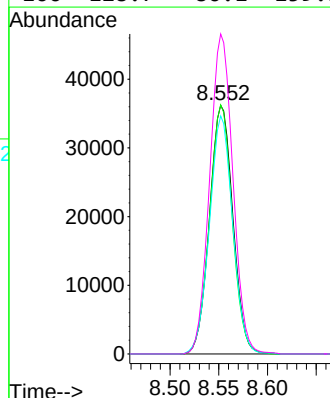
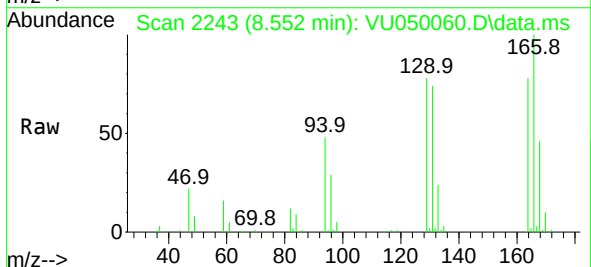
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

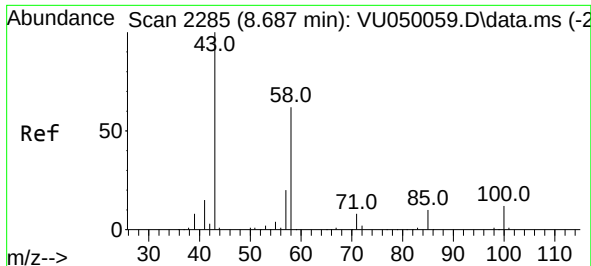
Tgt Ion:	97	Resp:	69540
Ion	Ratio	Lower	Upper
97	100		
99	66.1	42.2	78.4
83	89.8	59.6	110.6
85	60.0	38.6	71.8



#47
Tetrachloroethene
Concen: 9.282 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion:	164	Resp:	60498
Ion	Ratio	Lower	Upper
164	100		
129	100.2	69.0	128.1
131	95.7	65.8	122.2
166	128.7	86.1	159.9

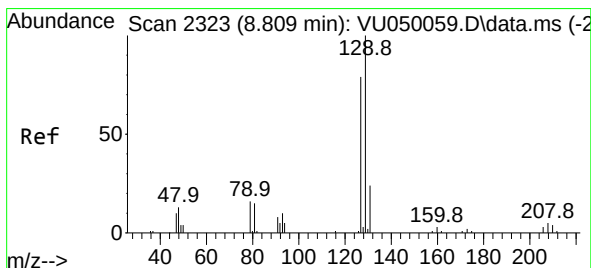
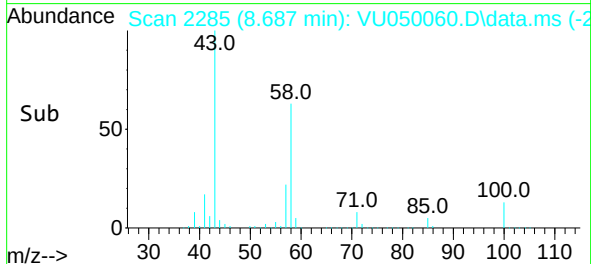
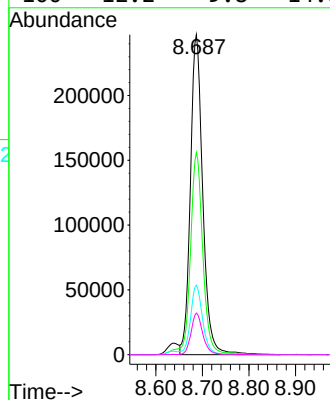
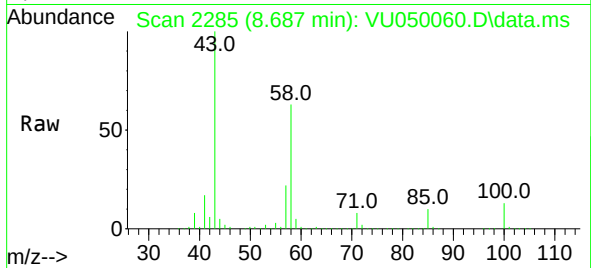




#48
2-Hexanone
Concen: 101.518 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

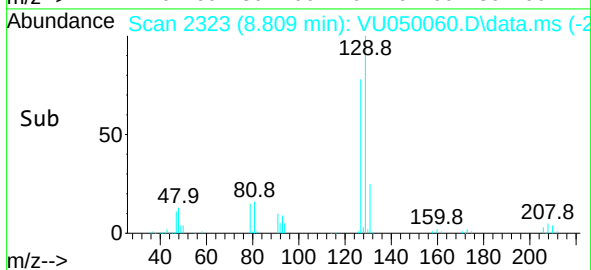
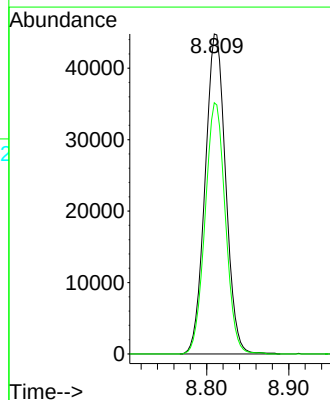
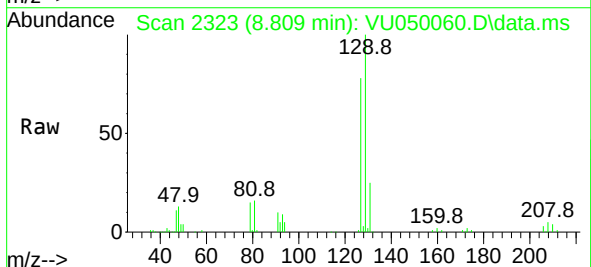
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

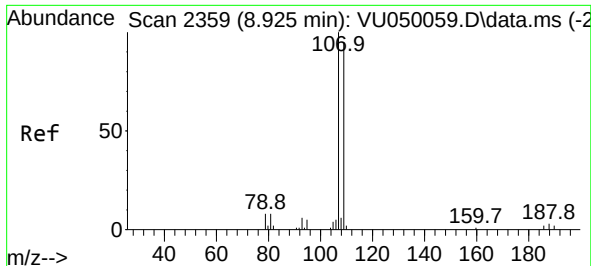
Tgt Ion: 43 Resp: 455640
Ion Ratio Lower Upper
43 100
58 63.8 50.6 76.0
57 21.5 16.0 24.0
100 12.2 9.8 14.8



#49
Dibromochloromethane
Concen: 9.420 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 129 Resp: 78086
Ion Ratio Lower Upper
129 100
127 78.5 55.3 102.7

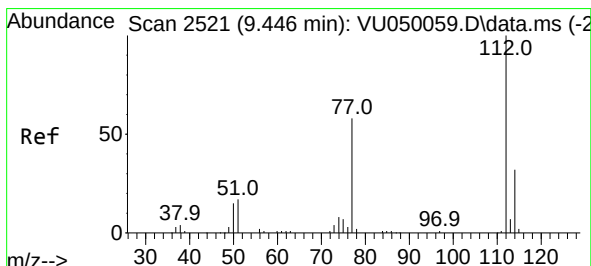
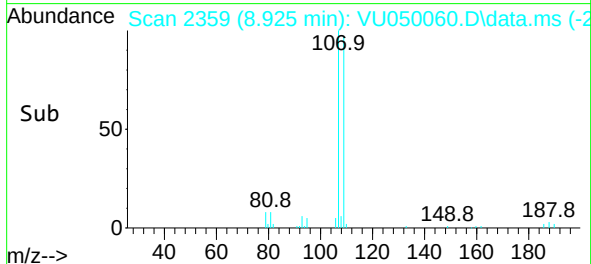
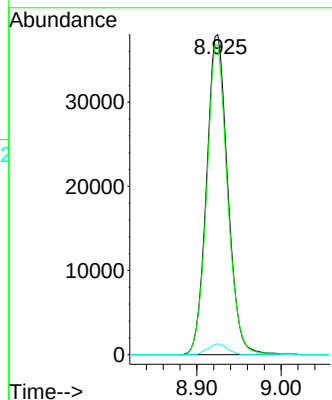
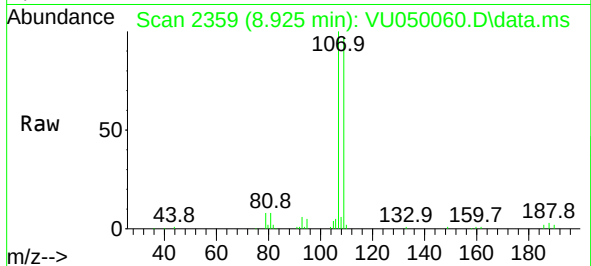




#50
1,2-Dibromoethane
Concen: 9.779 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

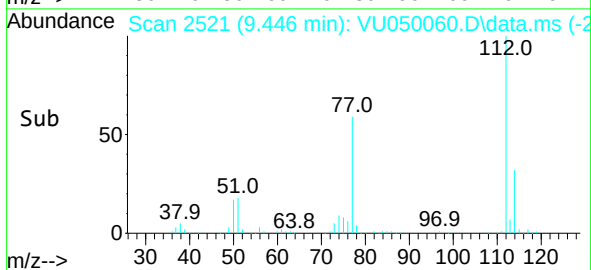
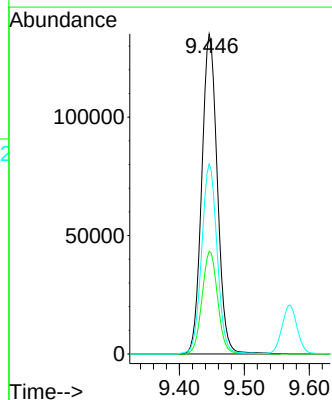
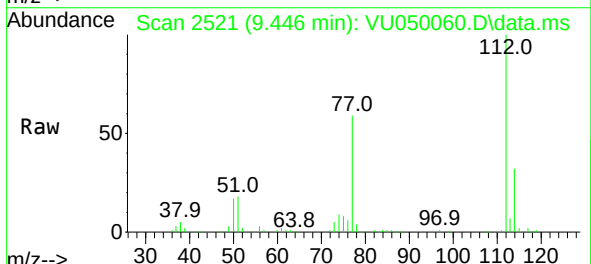
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

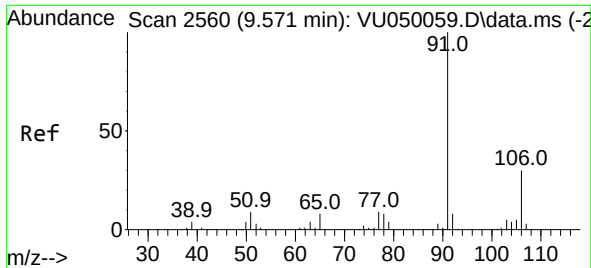
Tgt Ion:107 Resp: 66406
Ion Ratio Lower Upper
107 100
109 96.7 66.6 123.6
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 9.510 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion:112 Resp: 225721
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 59.4 46.3 69.5

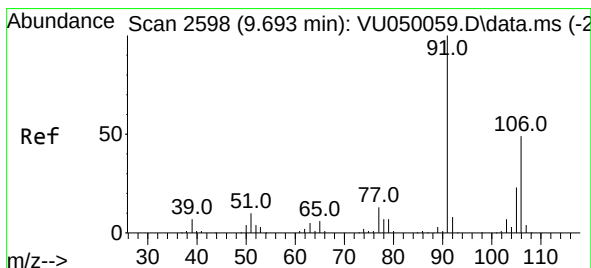
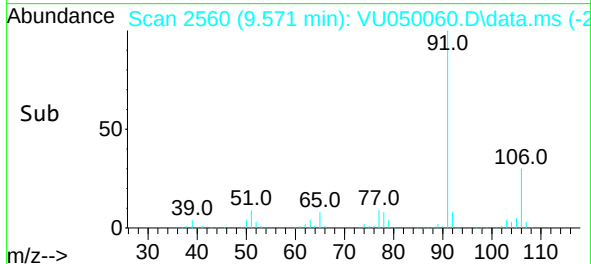
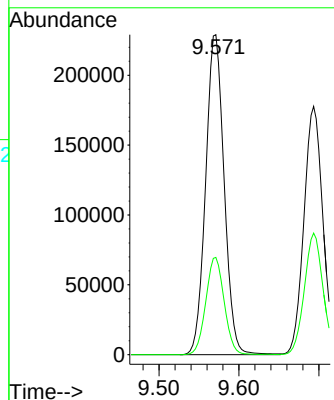
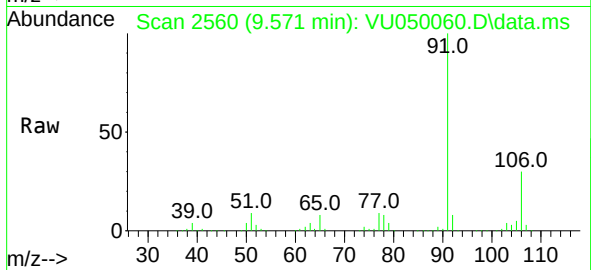




#52
Ethylbenzene
Concen: 10.035 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

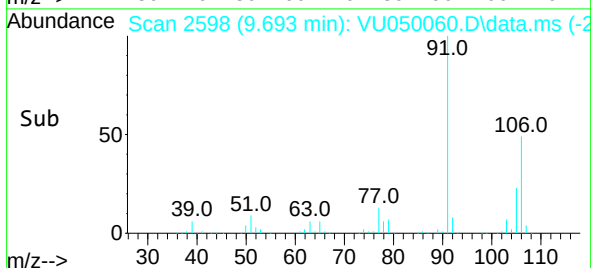
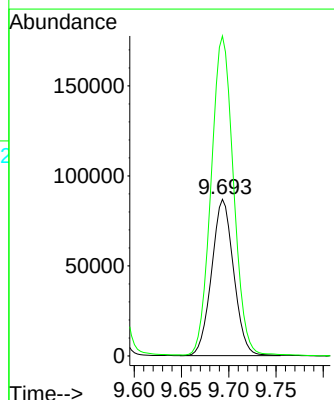
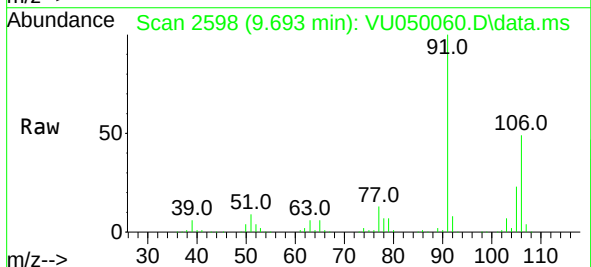
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

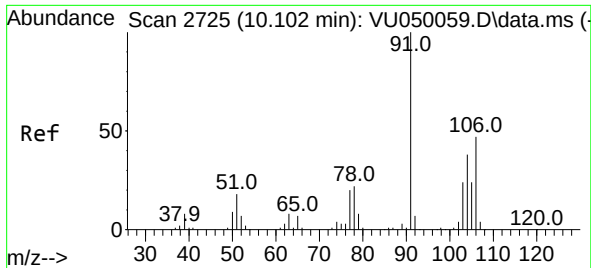
Tgt Ion: 91 Resp: 369396
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 10.379 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 106 Resp: 140703
Ion Ratio Lower Upper
106 100
91 204.2 143.1 265.9

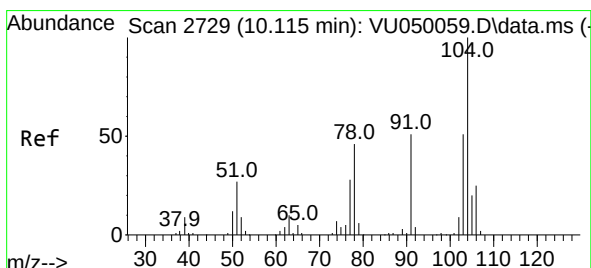
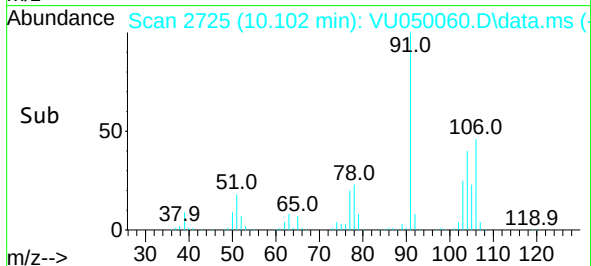
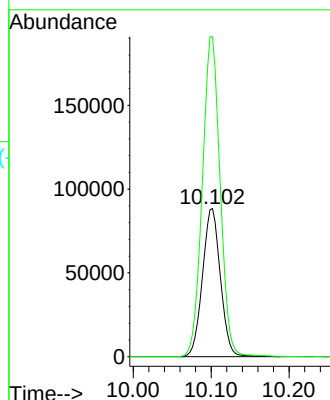
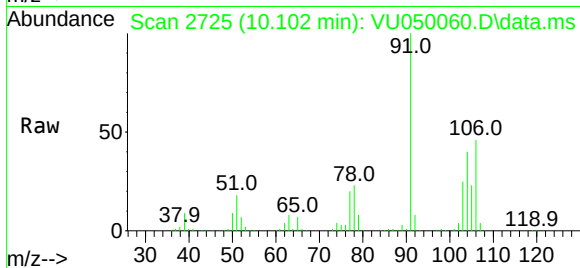




#54
o-Xylene
Concen: 10.406 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

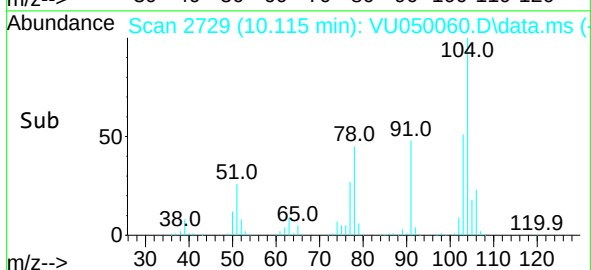
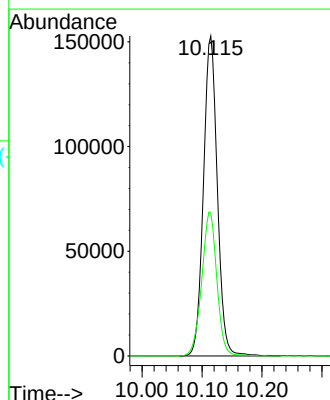
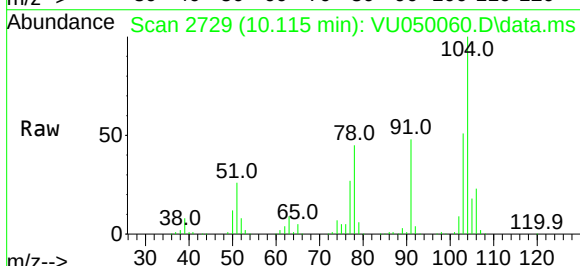
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

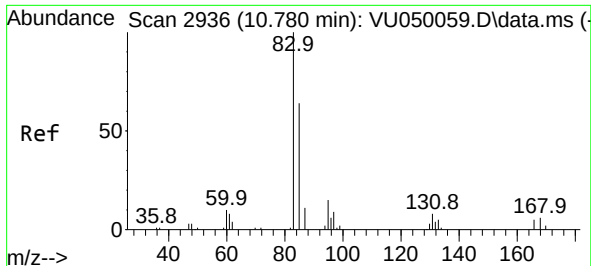
Tgt Ion:106 Resp: 140813
Ion Ratio Lower Upper
106 100
91 215.9 149.4 277.4



#55
Styrene
Concen: 10.910 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion:104 Resp: 246635
Ion Ratio Lower Upper
104 100
78 44.7 31.9 59.3

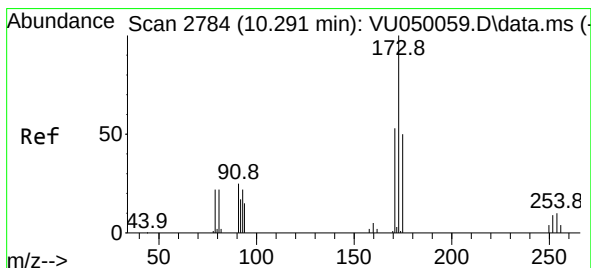
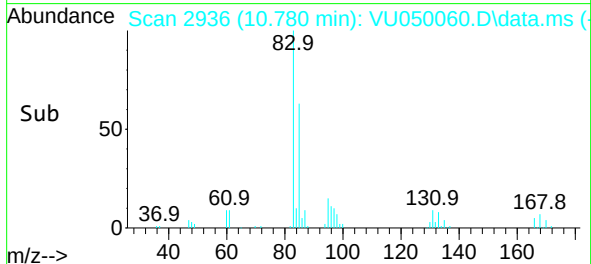
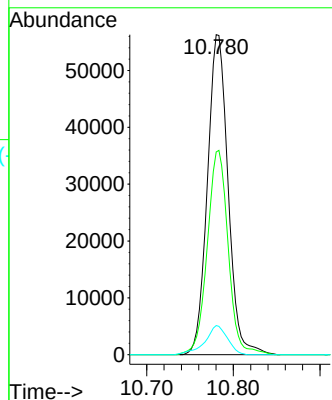
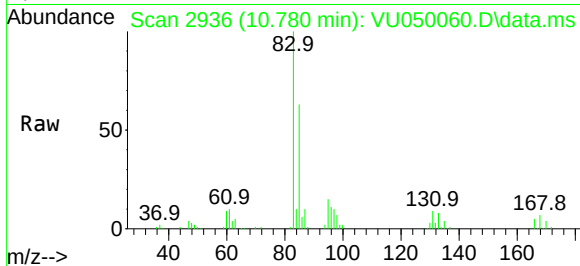




#57
 1,1,2,2-Tetrachloroethane
 Concen: 9.483 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

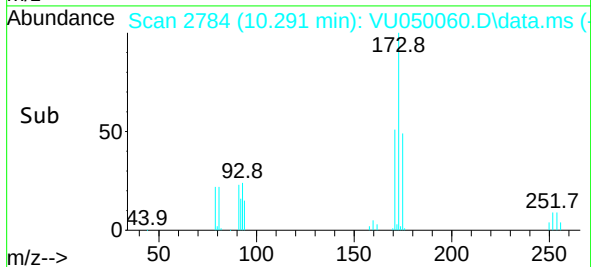
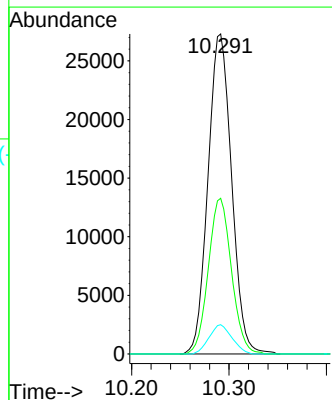
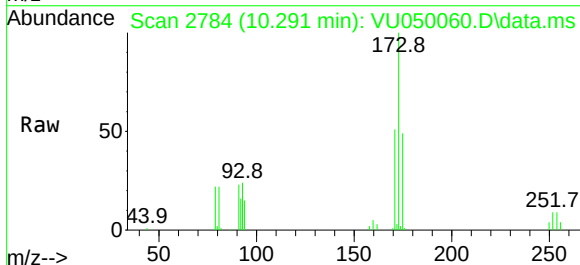
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010053

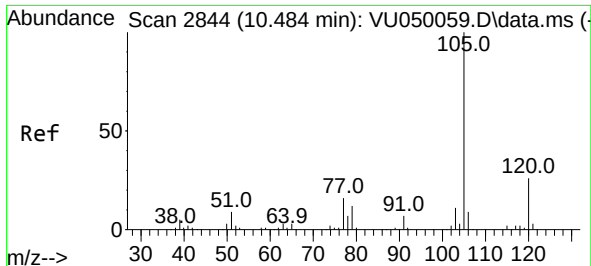
Tgt Ion: 83 Resp: 93321
 Ion Ratio Lower Upper
 83 100
 85 63.4 45.2 84.0
 131 9.1 6.6 9.8



#59
 Bromoform
 Concen: 8.871 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 173 Resp: 45909
 Ion Ratio Lower Upper
 173 100
 175 47.7 37.0 55.6
 254 8.9 7.4 11.0

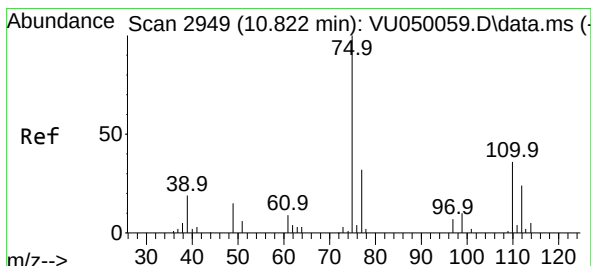
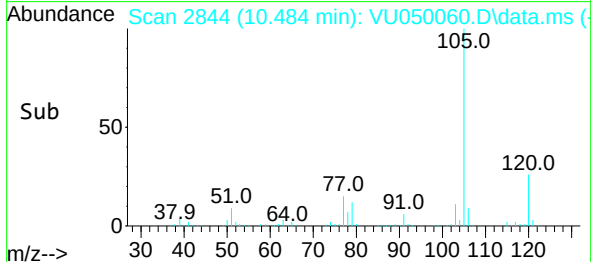
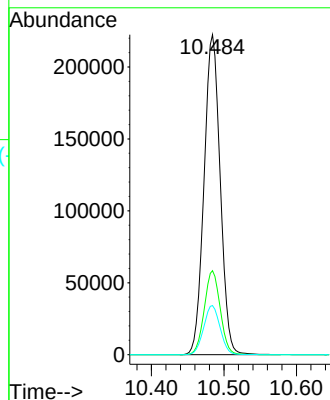
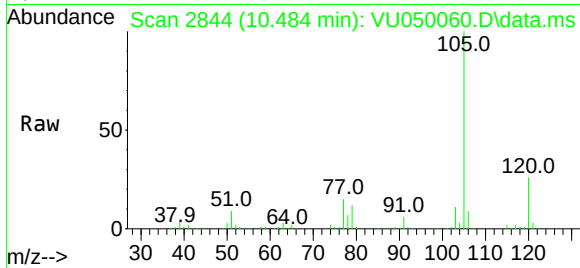




#60
Isopropylbenzene
Concen: 9.989 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

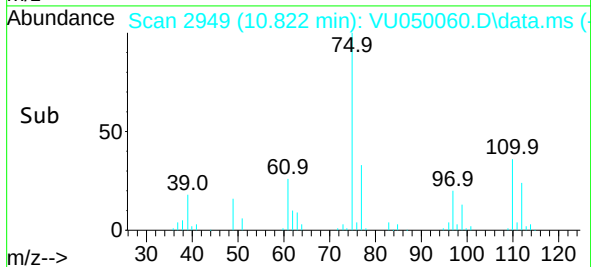
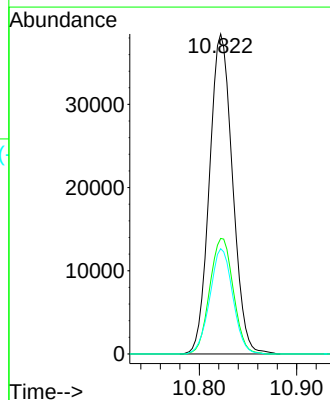
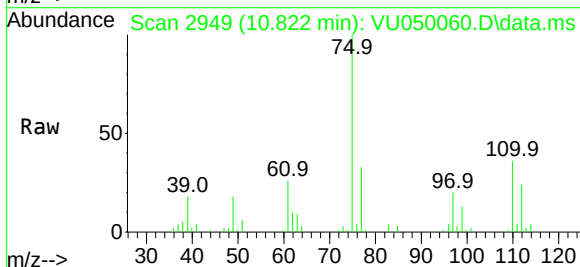
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

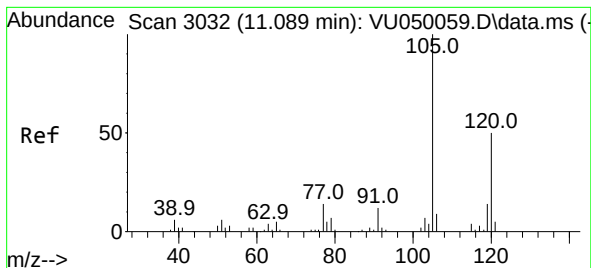
Tgt Ion:105 Resp: 344221
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 9.003 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 75 Resp: 63285
Ion Ratio Lower Upper
75 100
110 36.9 28.5 42.7
77 32.8 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 9.835 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

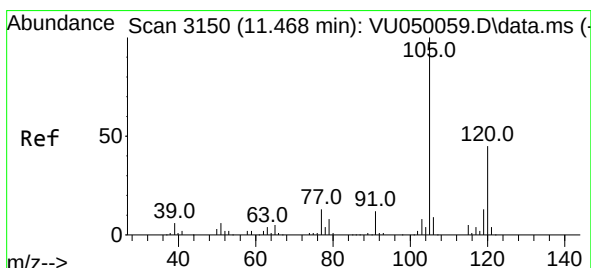
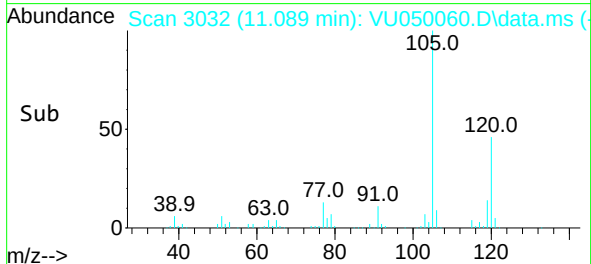
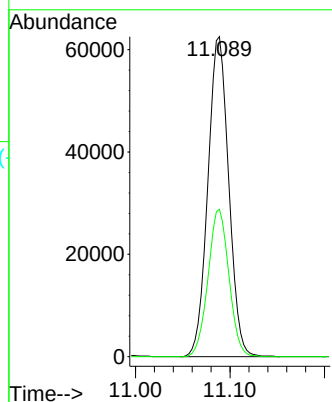
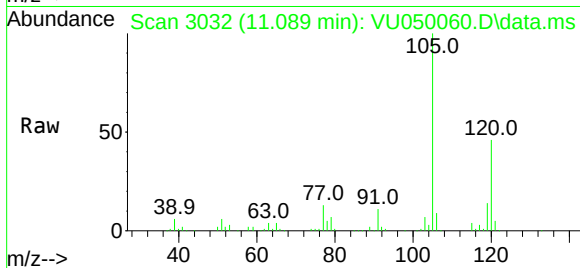
VSTD010053

Tgt Ion:105 Resp: 95761

Ion Ratio Lower Upper

105 100

120 46.1 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 10.467 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050060.D

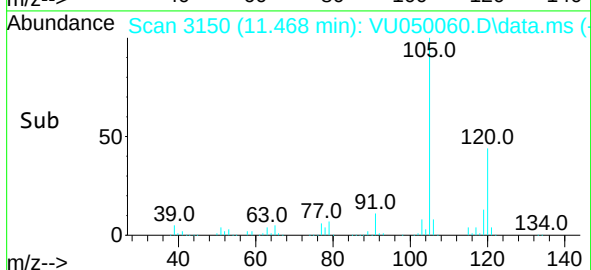
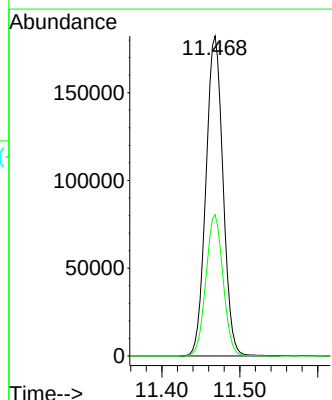
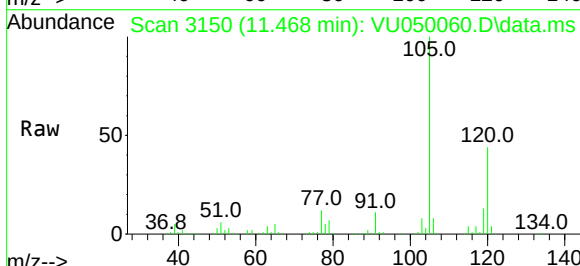
Acq: 04 Aug 2022 11:48

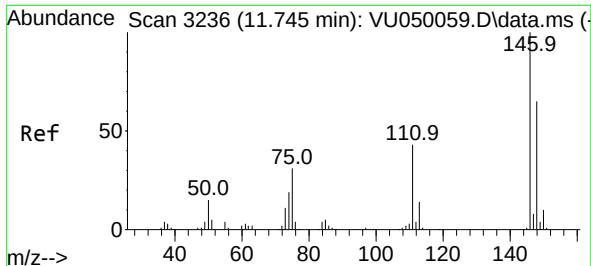
Tgt Ion:105 Resp: 277659

Ion Ratio Lower Upper

105 100

120 44.2 35.9 53.9

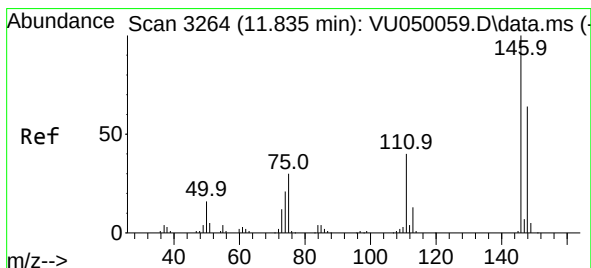
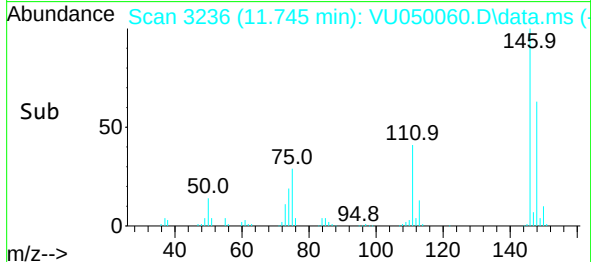
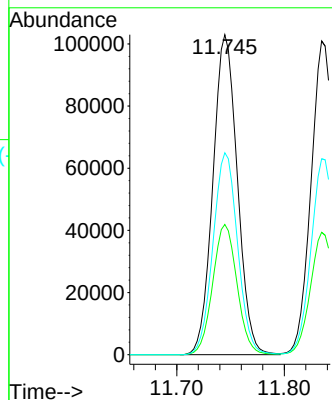
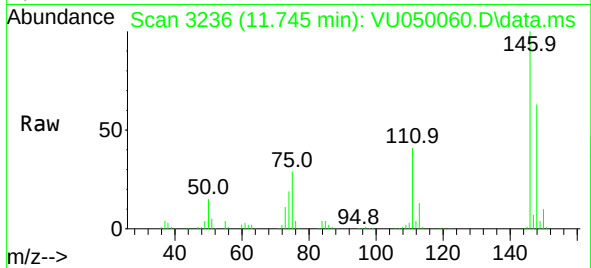




#64
1,3-Dichlorobenzene
Concen: 9.372 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

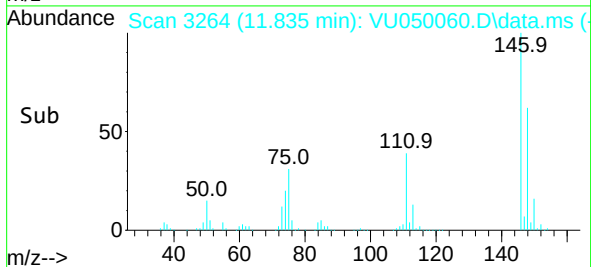
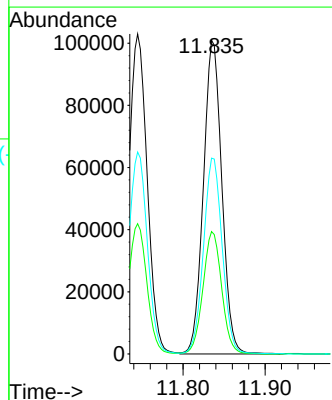
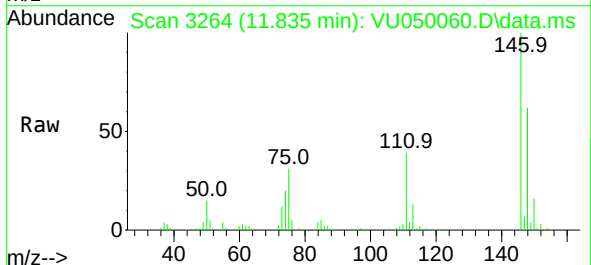
Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

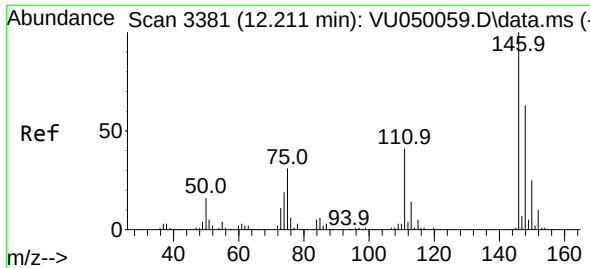
Tgt Ion:146 Resp: 162788
Ion Ratio Lower Upper
146 100
111 40.7 29.9 55.5
148 63.1 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 9.328 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion:146 Resp: 157658
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.1
148 62.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 9.356 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD010053

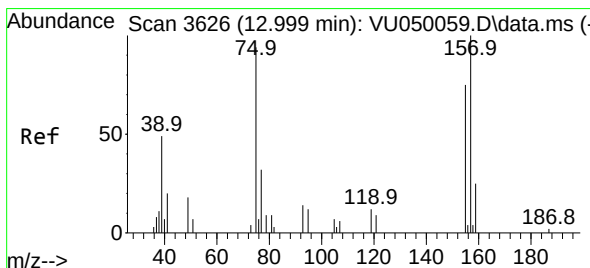
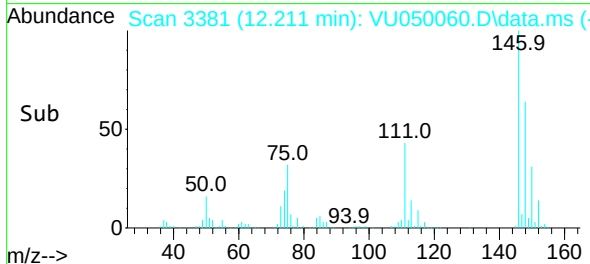
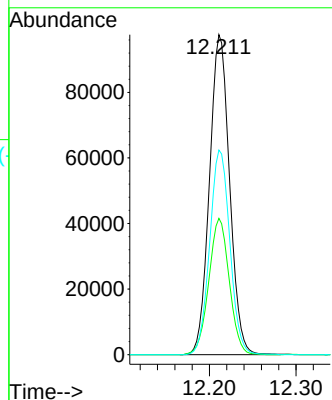
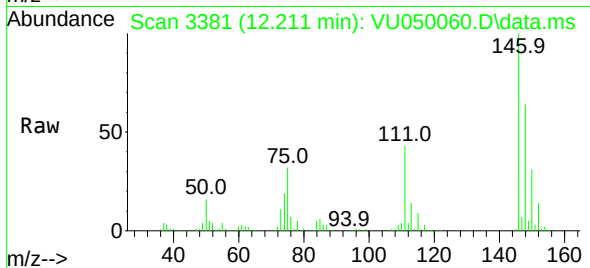
Tgt Ion:146 Resp: 157375

Ion Ratio Lower Upper

146 100

111 42.6 32.9 49.3

148 64.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 10.091 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU050060.D

Acq: 04 Aug 2022 11:48

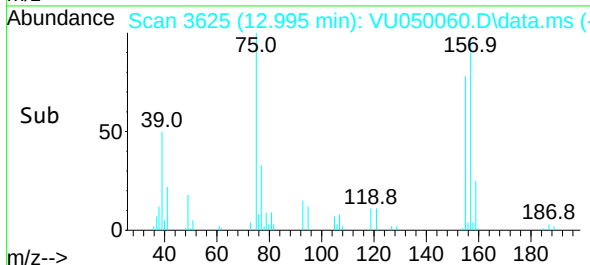
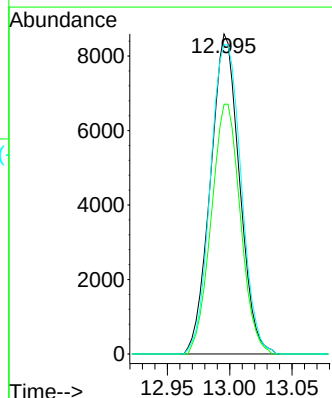
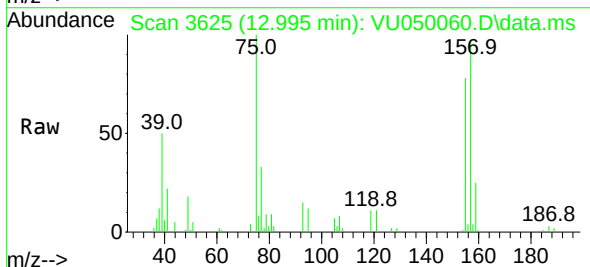
Tgt Ion: 75 Resp: 13908

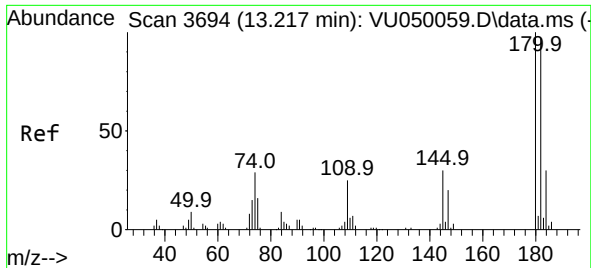
Ion Ratio Lower Upper

75 100

155 78.1 63.5 95.3

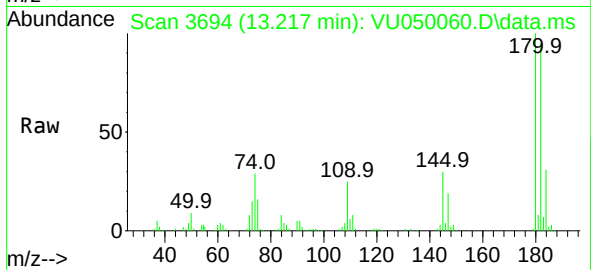
157 96.7 85.0 127.6



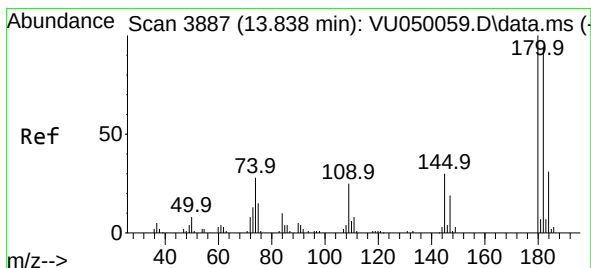
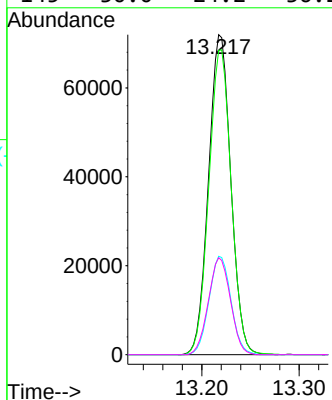
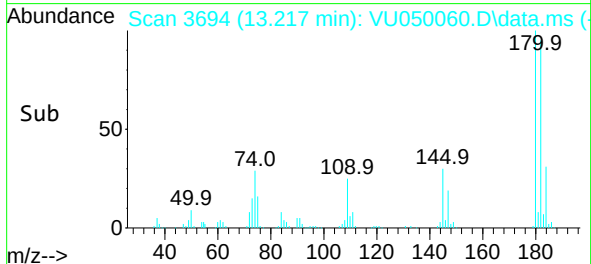


#69
 1,3,5-Trichlorobenzene
 Concen: 9.219 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48

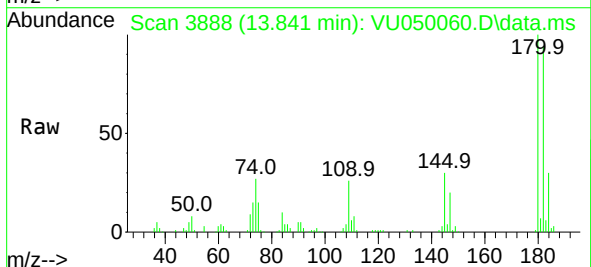
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010053



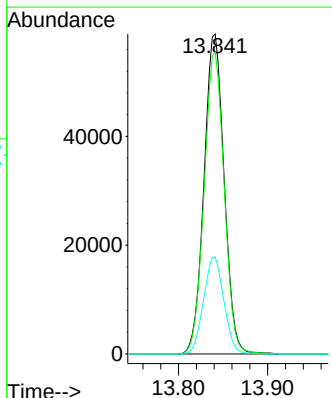
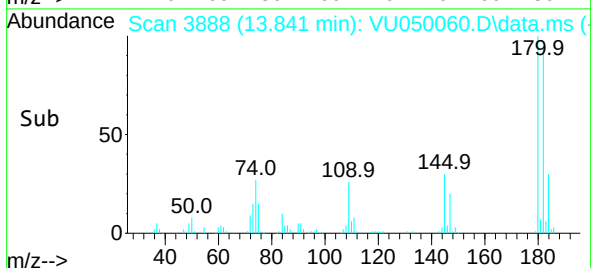
Tgt Ion:180 Resp: 114065
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.3 115.9
 184 30.4 24.1 36.1
 145 30.0 24.2 36.2

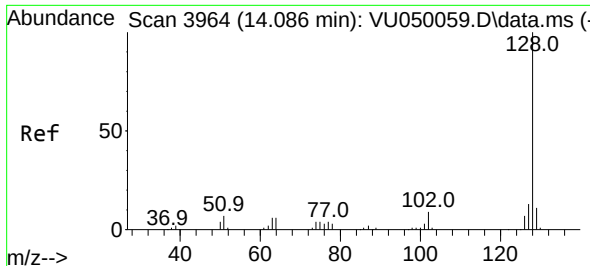


#70
 1,2,4-trichlorobenzene
 Concen: 9.819 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050060.D
 Acq: 04 Aug 2022 11:48



Tgt Ion:180 Resp: 92053
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 145 30.6 24.2 36.4

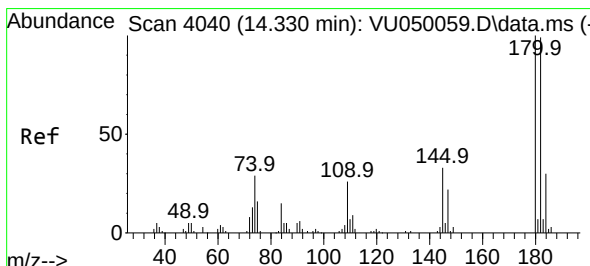
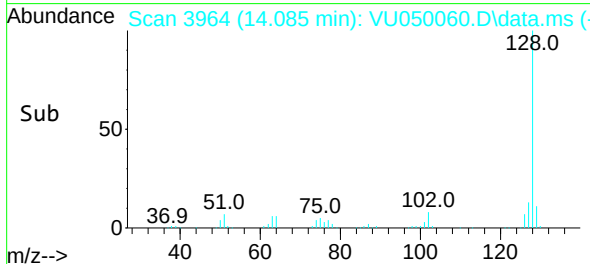
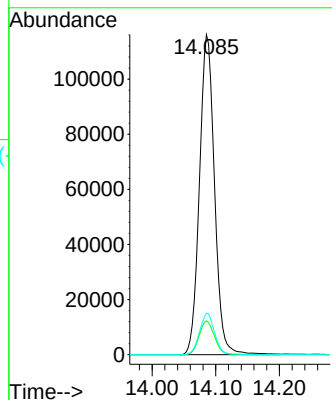
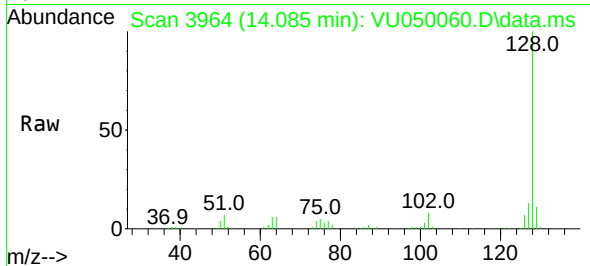




#71
Naphthalene
Concen: 9.934 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD010053

Tgt Ion:128 Resp: 190975
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 9.884 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050060.D
Acq: 04 Aug 2022 11:48

Tgt Ion:180 Resp: 93931
Ion Ratio Lower Upper
180 100
182 94.9 77.5 116.3
145 32.6 25.8 38.6

