

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080422\
 Data File : U080422.D
 Acq On : 04 Aug 2022 14:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Aug 05 04:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:40:26 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89968	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39160	5.230	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.600%		
7) Chloroethane-d5	1.912	69	32356	5.356	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.200%		
11) 1,1-Dichloroethene-d2	2.562	65	14755	5.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.642	46	110793	60.681	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 121.360%		
24) Chloroform-d	5.063	84	74508	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
26) 1,2-Dichloroethane-d4	5.703	65	37457	5.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.800%		
32) Benzene-d6	5.729	84	145866	5.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
36) 1,2-Dichloropropane-d6	6.694	67	48535	5.270	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.899	98	131222	5.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
43) trans-1,3-Dichloroprop...	8.179	79	18144	5.497	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.000%		
46) 2-Hexanone-d5	8.639	63	65529	55.989	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 111.980%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42488	5.253	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	43246	5.278	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	40158	4.869	ug/L	100
3) Chloromethane	1.520	50	55289	5.124	ug/L	99
5) Vinyl chloride	1.601	62	49846	5.157	ug/L	98
6) Bromomethane	1.858	94	31978	5.183	ug/L	96
8) Chloroethane	1.932	64	28514	5.007	ug/L	99
9) Trichlorofluoromethane	2.134	101	53475	5.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	27762	4.715	ug/L	100
12) 1,1-Dichloroethene	2.575	96	30415	4.891	ug/L	96
13) Acetone	2.649	43	50383	49.550	ug/L	91
14) Carbon disulfide	2.787	76	109990	4.952	ug/L	99
15) Methyl Acetate	2.961	43	15782	5.685	ug/L	91
16) Methylene chloride	3.041	84	46345	4.877	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	88862	5.475	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	36996	5.313	ug/L	97
19) 1,1-Dichloroethane	3.867	63	69939	5.304	ug/L	98
21) 2-Butanone	4.723	43	114641	62.698	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	41280	5.341	ug/L	97
23) Bromochloromethane	4.977	128	20243	5.480	ug/L	99
25) Chloroform	5.089	83	73846	5.253	ug/L	99

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 Acq On : 04 Aug 2022 14:00
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Aug 05 04:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:40:26 2022
 Response via : Initial Calibration

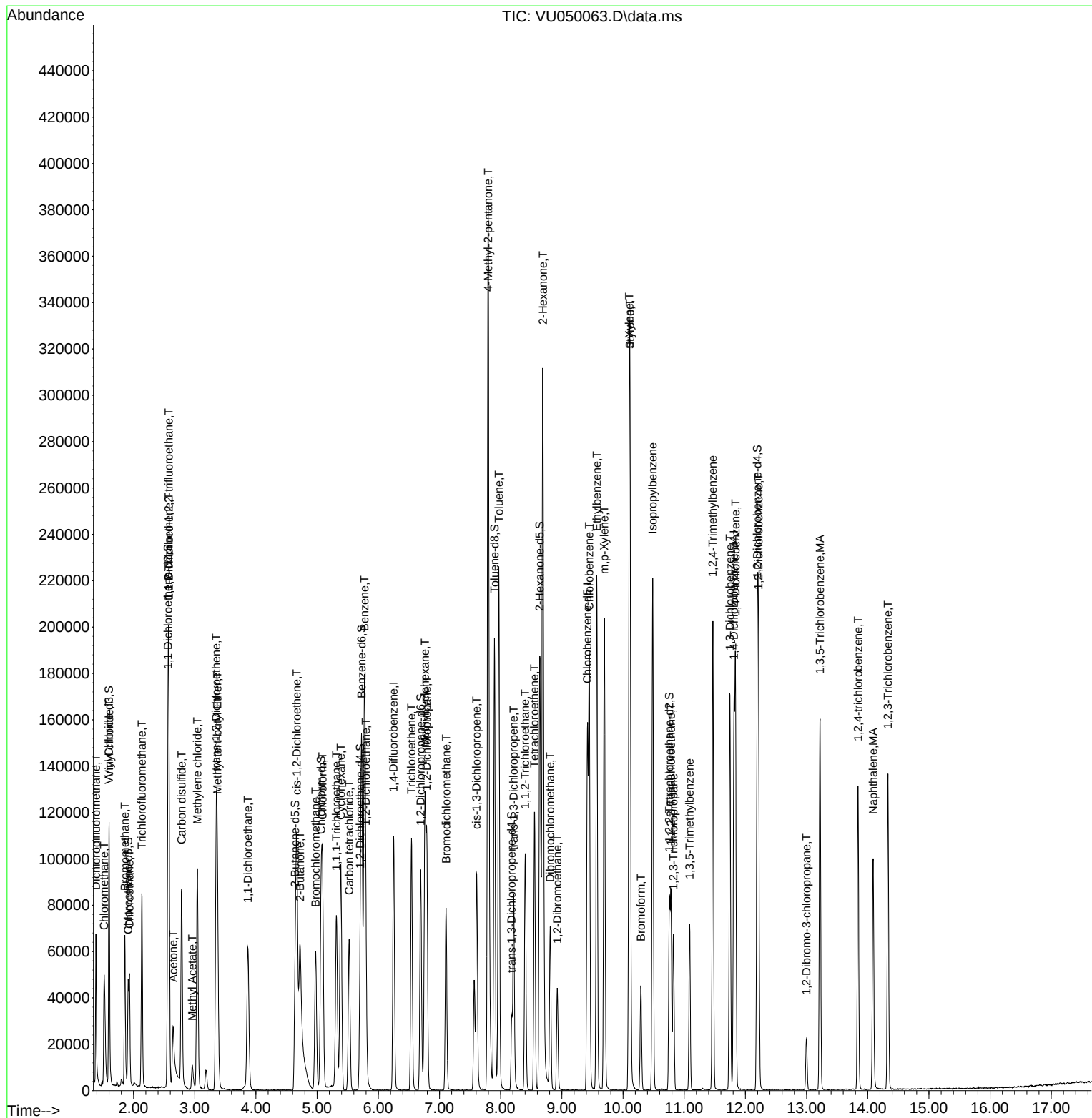
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	46268	5.408	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	56086	5.101	ug/L	99
30) Cyclohexane	5.388	56	47006	4.907	ug/L	99
31) Carbon tetrachloride	5.523	117	45742	5.075	ug/L	98
33) Benzene	5.774	78	162539	5.176	ug/L	100
34) Trichloroethene	6.542	95	39233	5.166	ug/L	96
35) Methylcyclohexane	6.764	83	46580	4.751	ug/L	99
37) 1,2-Dichloropropane	6.793	63	44532	5.324	ug/L	99
38) Bromodichloromethane	7.108	83	54034	5.318	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	59291	5.432	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	263777	54.447	ug/L	99
42) Toluene	7.970	91	167362	5.314	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	50822	5.429	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	32703	5.231	ug/L	96
47) Tetrachloroethene	8.552	164	27256	5.009	ug/L	98
48) 2-Hexanone	8.690	43	202252	53.977	ug/L	98
49) Dibromochloromethane	8.809	129	36629	5.293	ug/L	100
50) 1,2-Dibromoethane	8.925	107	30926	5.455	ug/L	100
51) Chlorobenzene	9.449	112	102664	5.181	ug/L	98
52) Ethylbenzene	9.571	91	156384	5.089	ug/L	100
53) m,p-Xylene	9.693	106	60819	5.374	ug/L	97
54) o-Xylene	10.102	106	61036	5.403	ug/L	100
55) Styrene	10.115	104	104950	5.561	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43157	5.253	ug/L	97
59) Bromoform	10.291	173	20649	4.923	ug/L	95
60) Isopropylbenzene	10.484	105	143826	5.150	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	29617	5.199	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	39654	5.025	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	110230	5.127	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	71810	5.101	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	71639	5.230	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	71705	5.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6347	5.682	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	50556	5.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41295	5.435	ug/L	99
71) Naphthalene	14.089	128	84920	5.451	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42532	5.522	ug/L	98

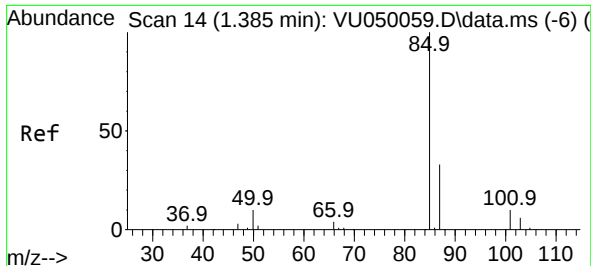
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Data File : VU050063.D
Acq On : 04 Aug 2022 14:00
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Quant Time: Aug 05 04:44:12 2022
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QLast Update : Fri Aug 05 04:40:26 2022
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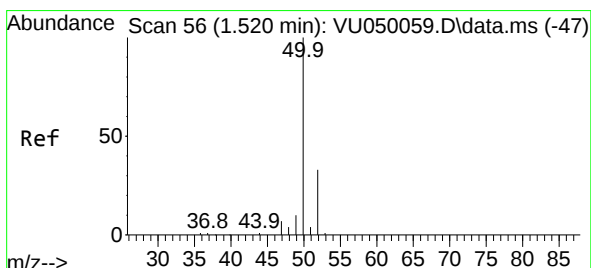
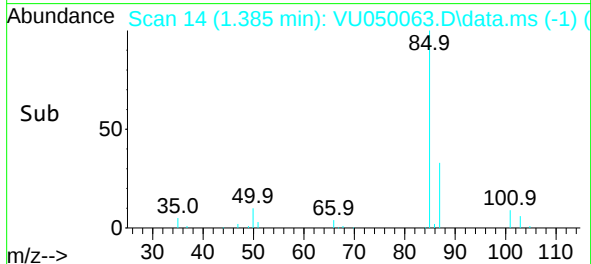
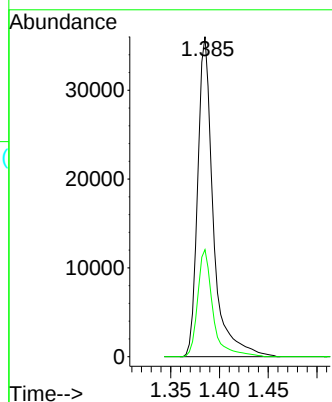
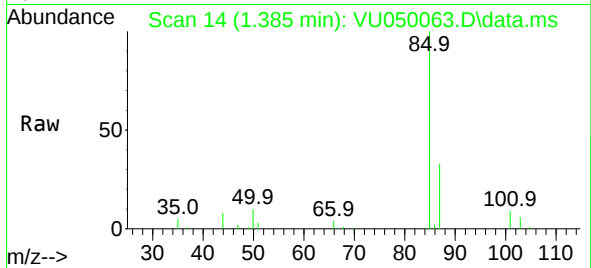




#2
Dichlorodifluoromethane
Concen: 4.869 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

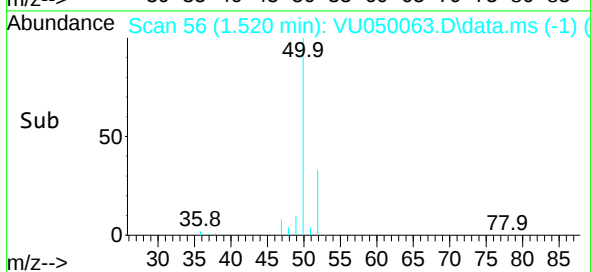
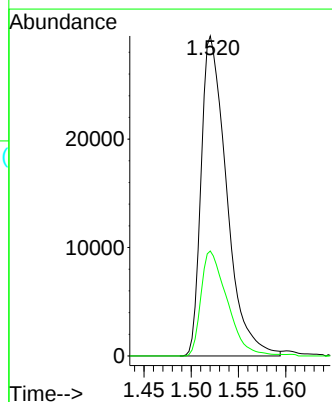
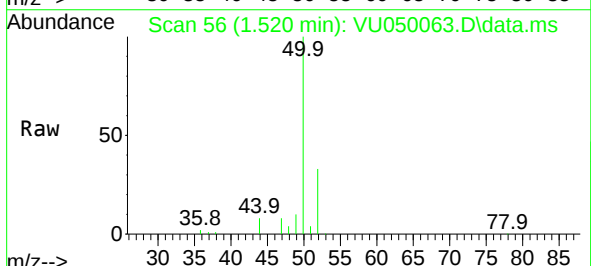
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

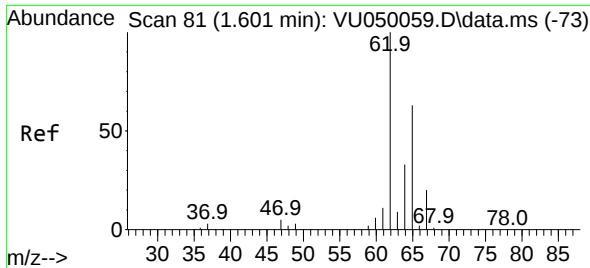
Tgt Ion: 85 Resp: 40158
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 5.124 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 50 Resp: 55289
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

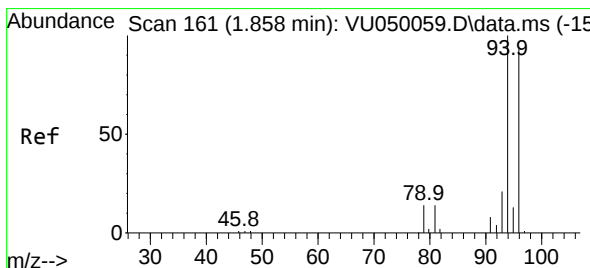
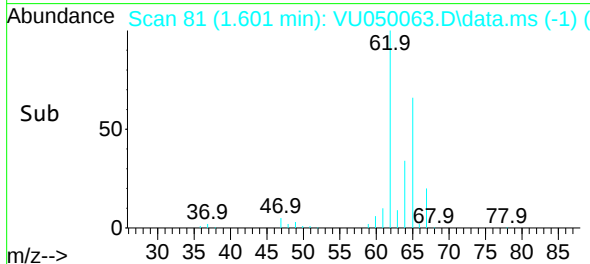
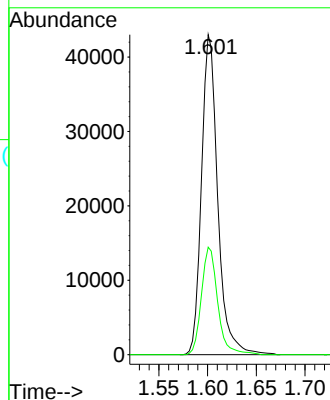
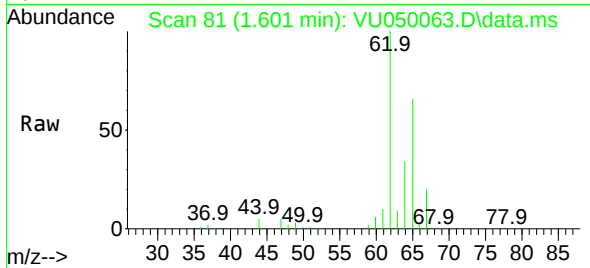




#5
 Vinyl chloride
 Concen: 5.157 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

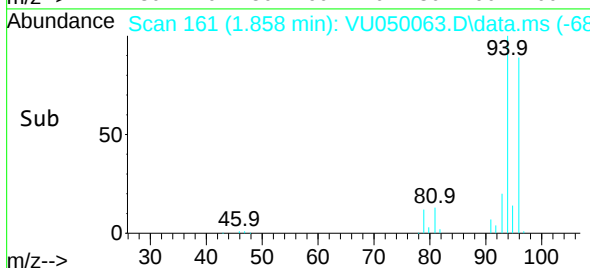
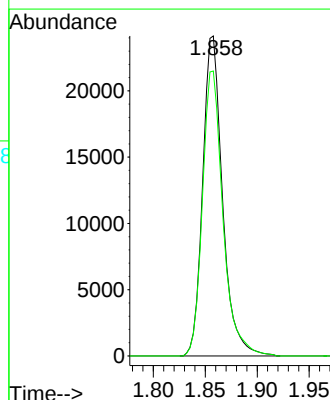
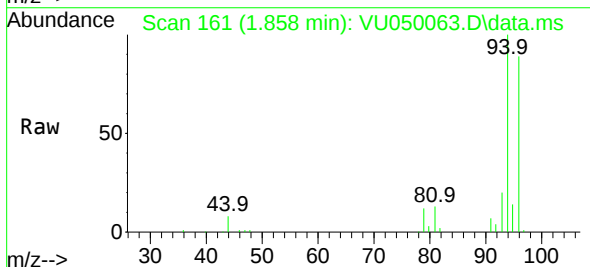
Instrument :
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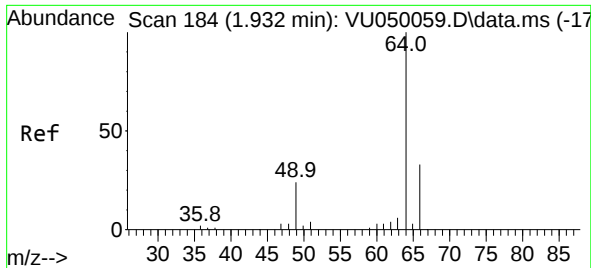
Tgt Ion: 62 Resp: 49846
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 5.183 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

Tgt Ion: 94 Resp: 31978
 Ion Ratio Lower Upper
 94 100
 96 89.1 65.3 121.3

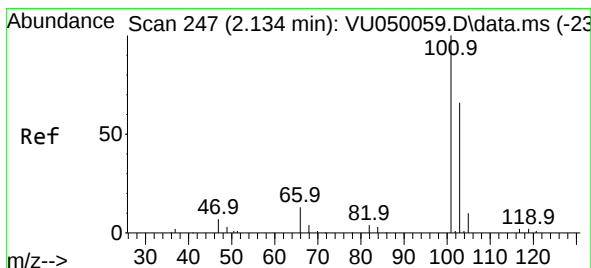
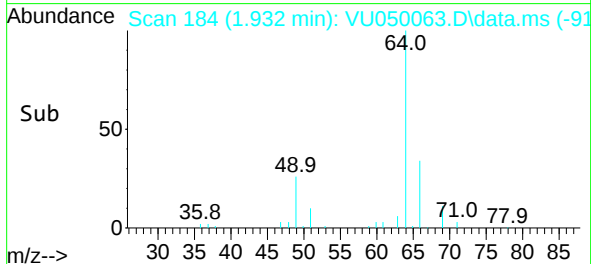
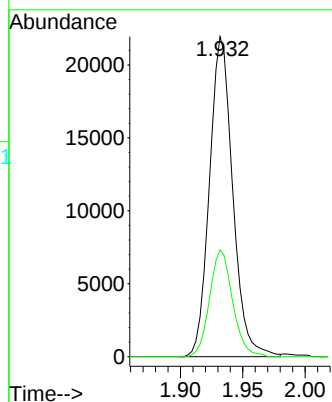
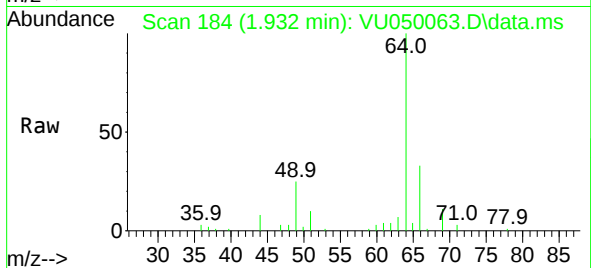




#8
Chloroethane
Concen: 5.007 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

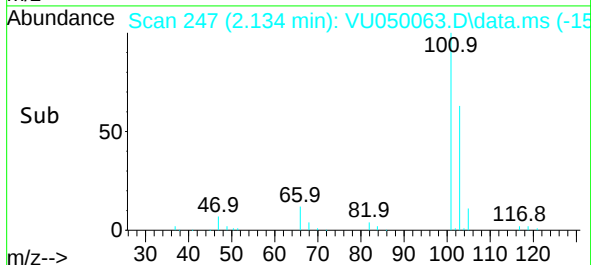
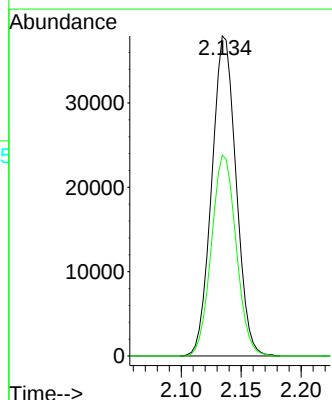
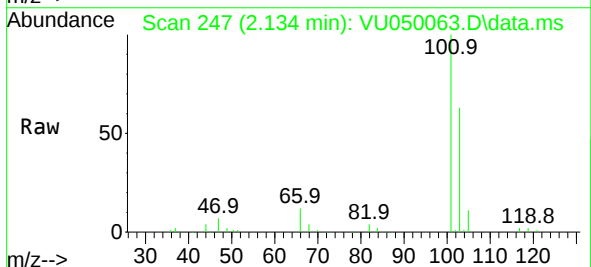
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

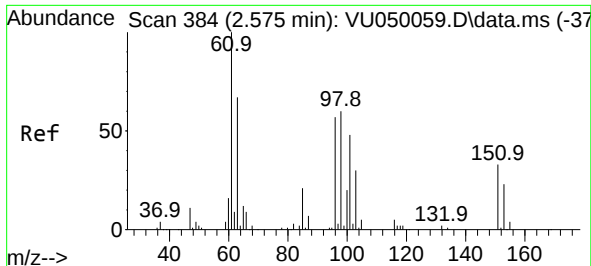
Tgt Ion: 64 Resp: 28514
Ion Ratio Lower Upper
64 100
66 33.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.052 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 101 Resp: 53475
Ion Ratio Lower Upper
101 100
103 63.9 52.6 78.8

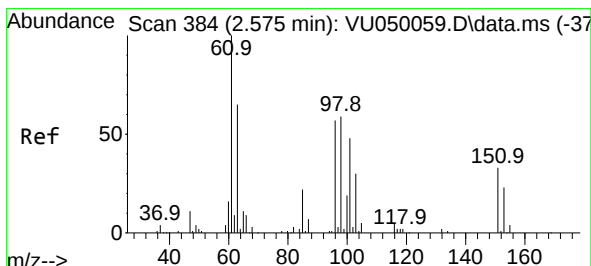
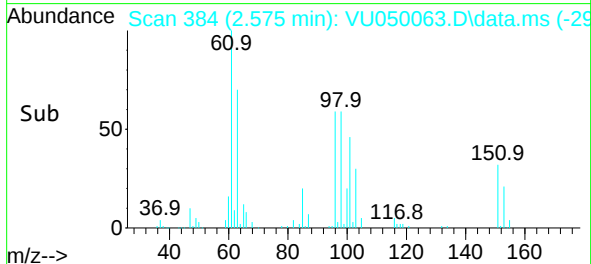
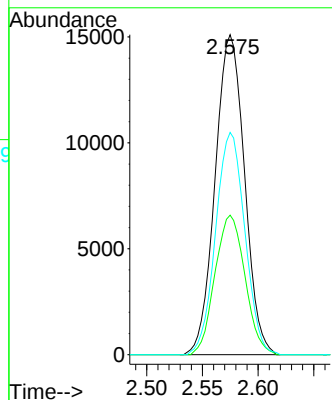
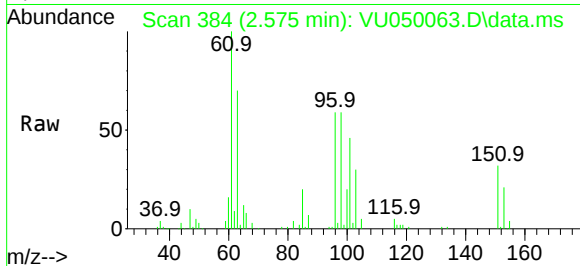




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.715 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

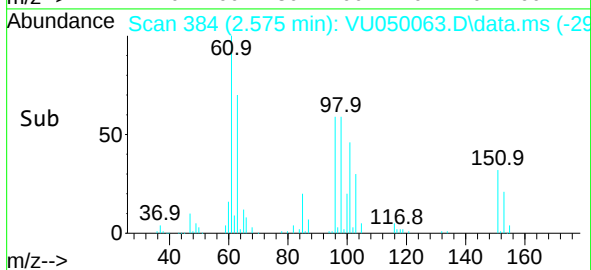
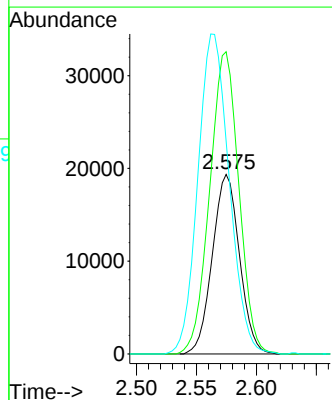
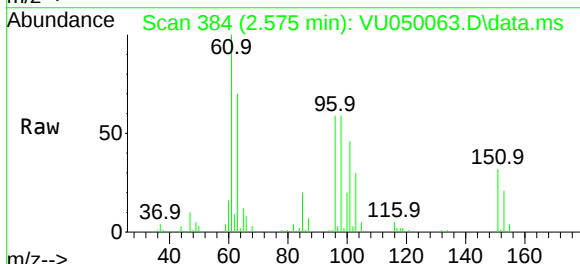
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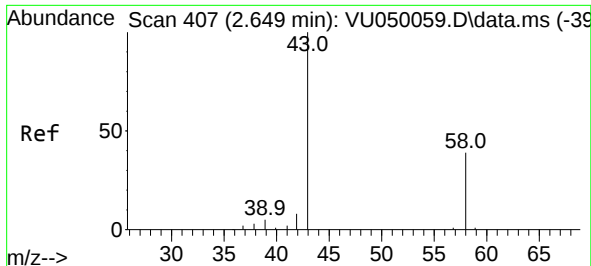
Tgt Ion: 101 Resp: 27762
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 69.1 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.891 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

Tgt Ion: 96 Resp: 30415
 Ion Ratio Lower Upper
 96 100
 61 168.3 122.7 227.9
 63 118.6 85.1 158.1





#13

Acetone

Concen: 49.550 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

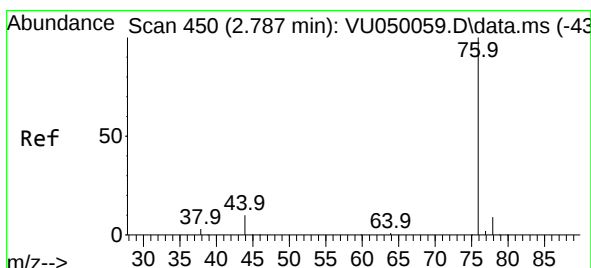
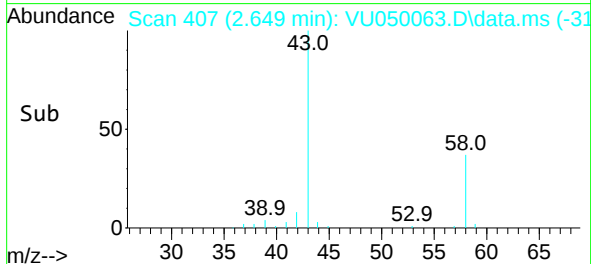
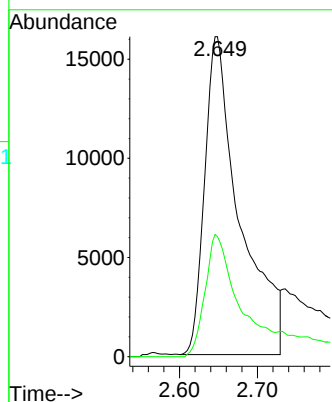
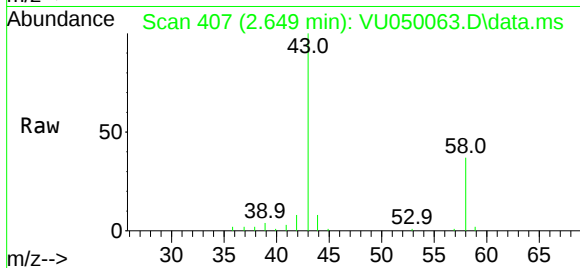
VSTD005146

Tgt Ion: 43 Resp: 50383

Ion Ratio Lower Upper

43 100

58 36.9 0.0 64.0



#14

Carbon disulfide

Concen: 4.952 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU050063.D

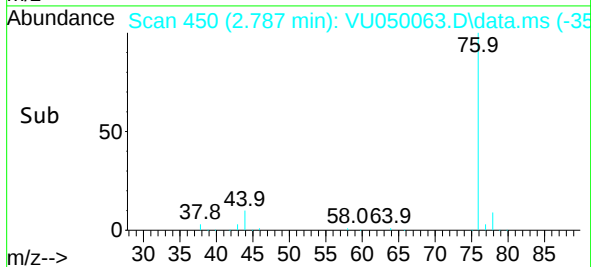
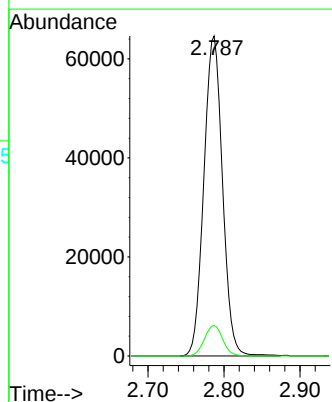
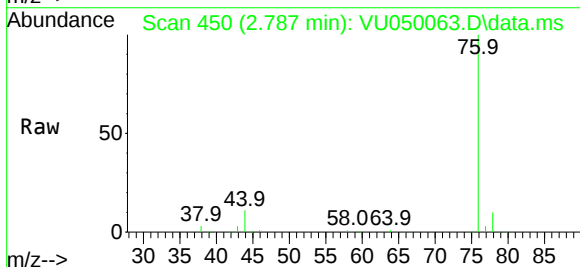
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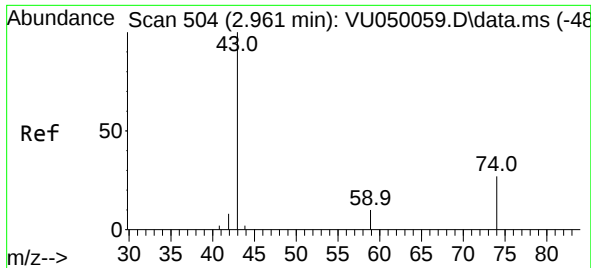
Tgt Ion: 76 Resp: 109990

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

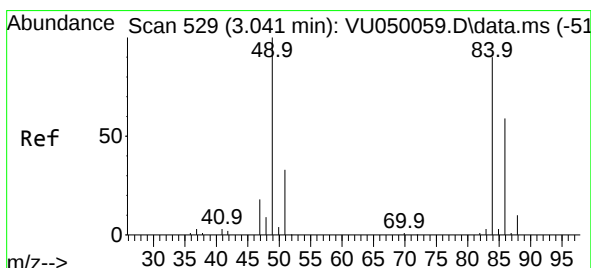
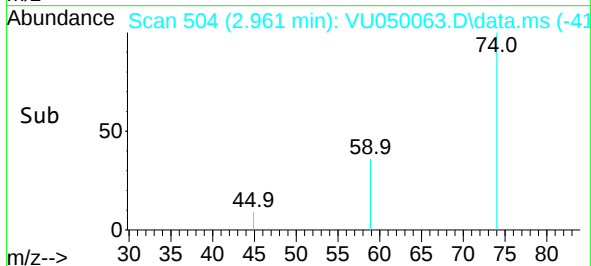
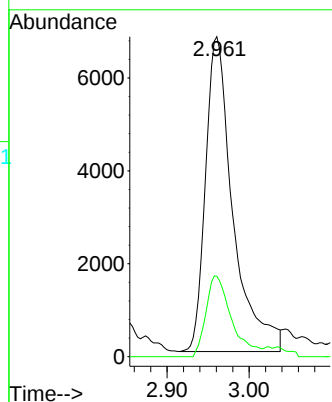
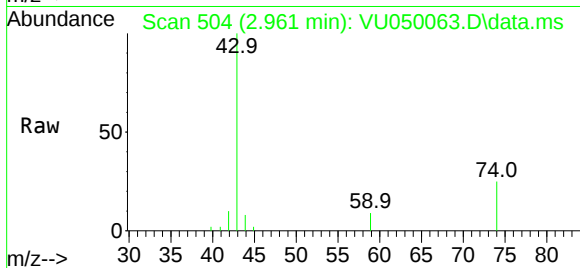




#15
Methyl Acetate
Concen: 5.685 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

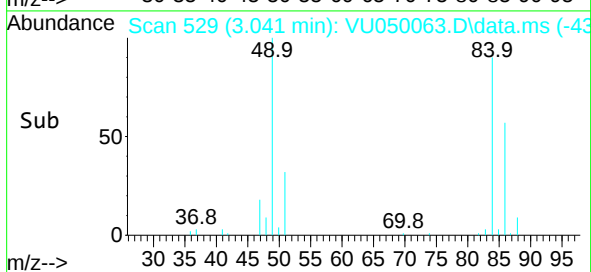
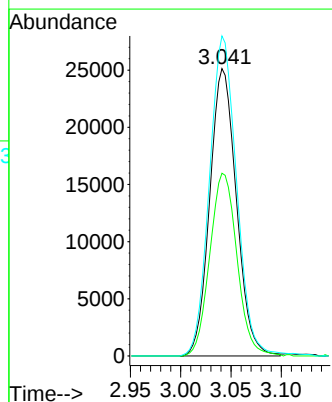
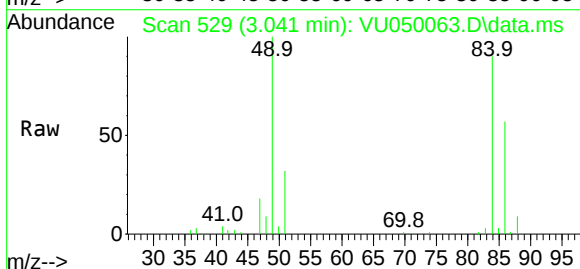
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

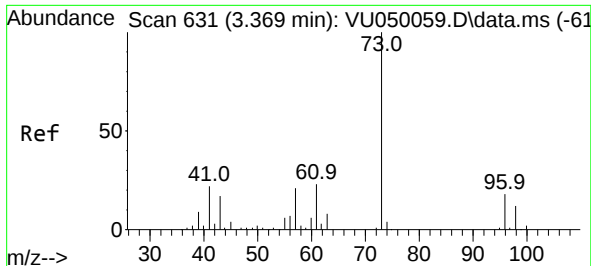
Tgt Ion: 43 Resp: 15782
Ion Ratio Lower Upper
43 100
74 23.8 22.7 34.1



#16
Methylene chloride
Concen: 4.877 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 84 Resp: 46345
Ion Ratio Lower Upper
84 100
86 63.6 45.9 85.3
49 111.4 77.6 144.0

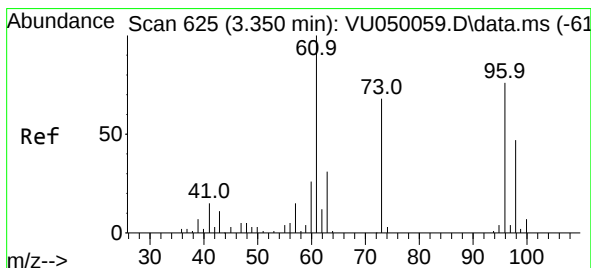
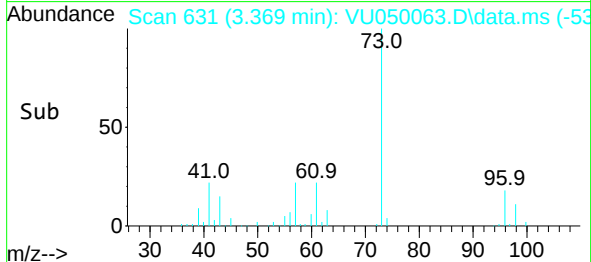
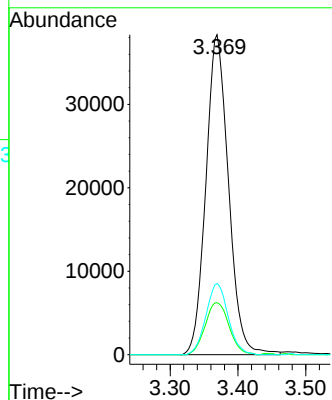
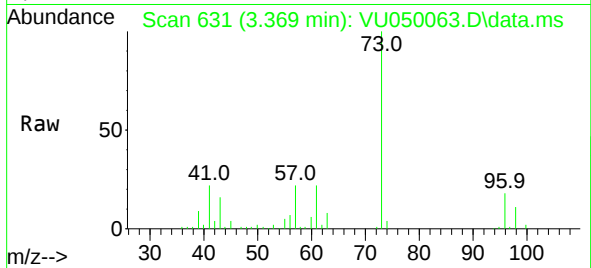




#17
Methyl tert-butyl Ether
Concen: 5.475 ug/L
RT: 3.369 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

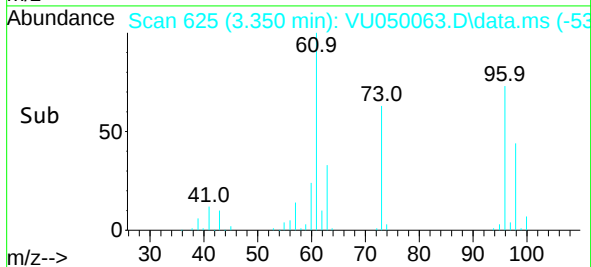
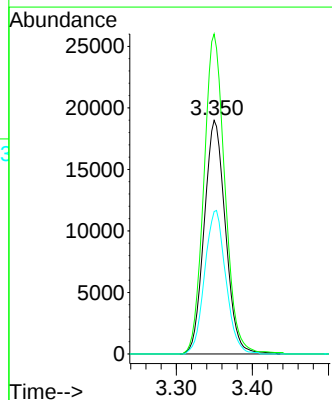
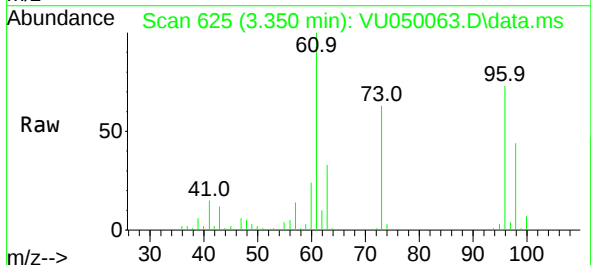
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

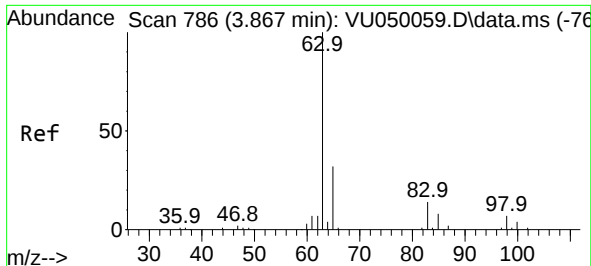
Tgt Ion: 73 Resp: 88862
Ion Ratio Lower Upper
73 100
43 17.2 13.5 20.3
57 21.9 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.313 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 96 Resp: 36996
Ion Ratio Lower Upper
96 100
61 136.9 92.3 171.5
98 60.9 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.304 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005146

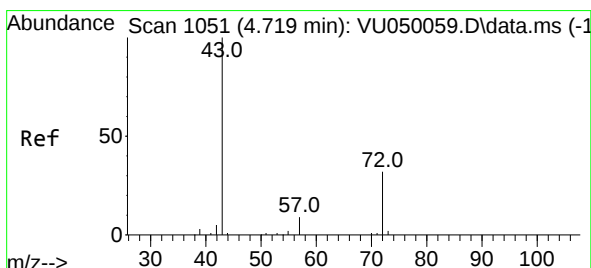
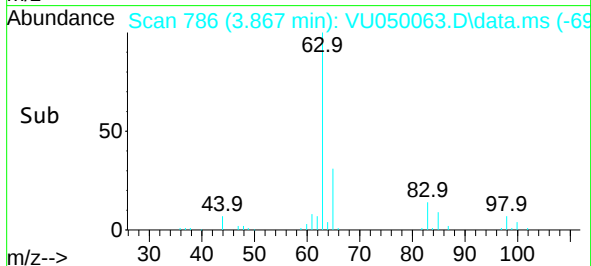
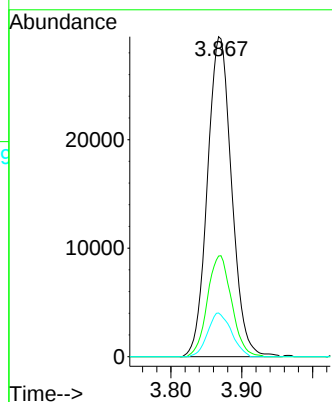
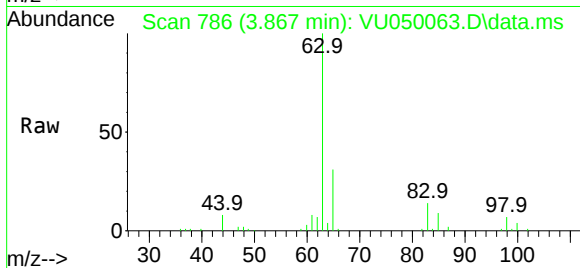
Tgt Ion: 63 Resp: 69939

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.3

83 13.6 9.8 18.2



#21

2-Butanone

Concen: 62.698 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU050063.D

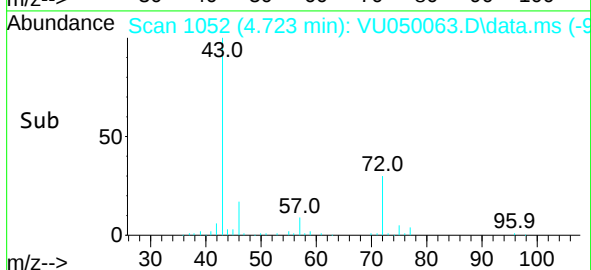
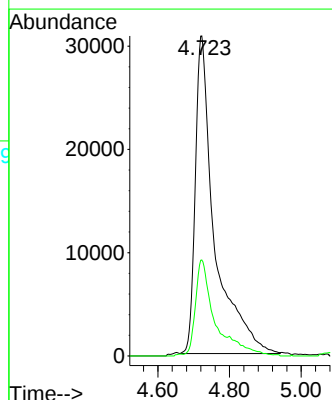
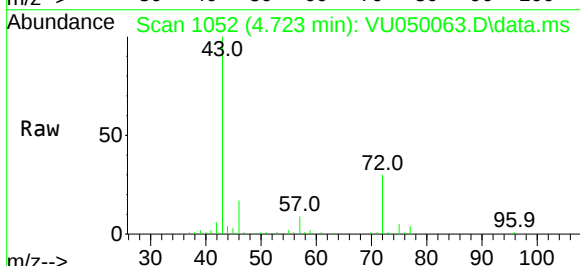
Acq: 04 Aug 2022 14:00

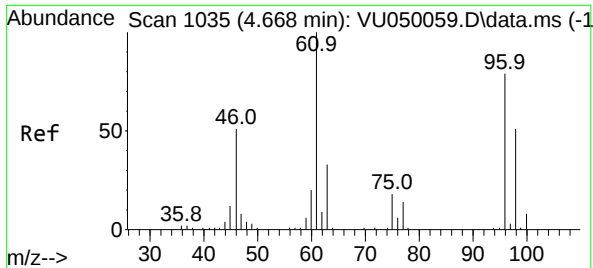
Tgt Ion: 43 Resp: 114641

Ion Ratio Lower Upper

43 100

72 24.8 14.0 42.0

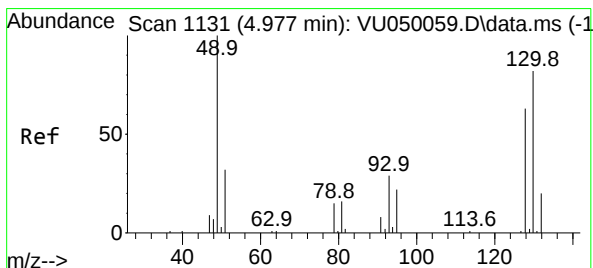
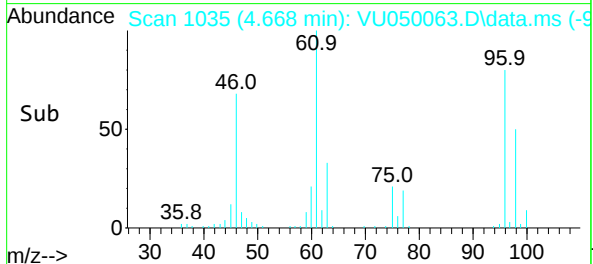
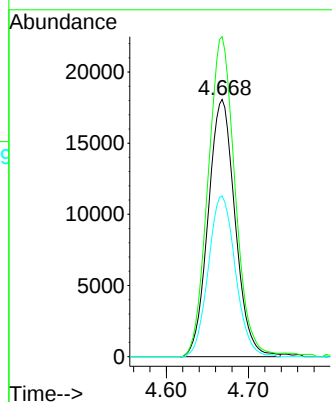
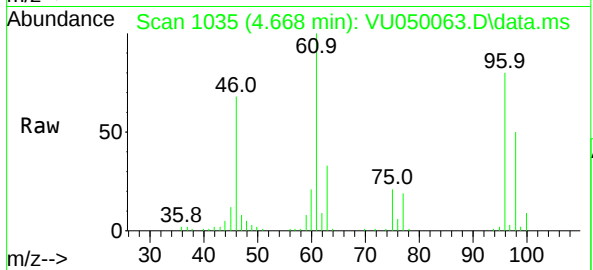




#22
 cis-1,2-Dichloroethene
 Concen: 5.341 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

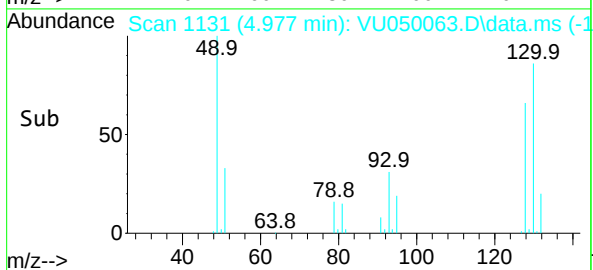
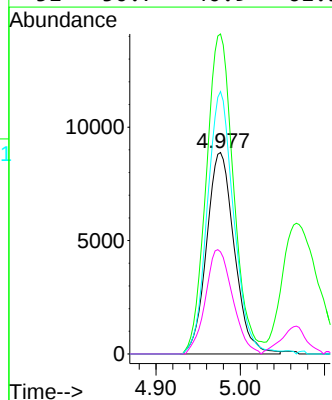
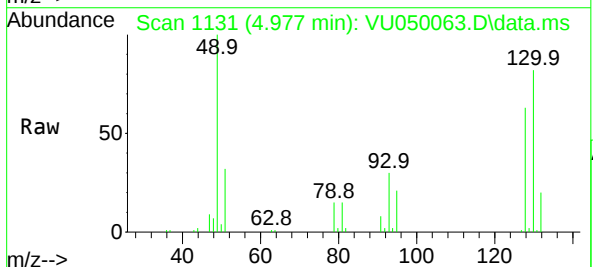
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

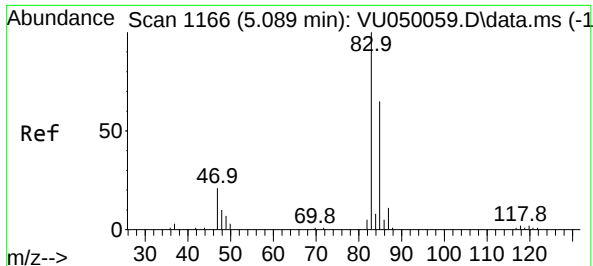
Tgt Ion: 96 Resp: 41280
 Ion Ratio Lower Upper
 96 100
 61 124.4 89.0 165.4
 98 62.5 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.480 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

Tgt Ion: 128 Resp: 20243
 Ion Ratio Lower Upper
 128 100
 49 158.9 111.4 206.8
 130 130.3 90.2 167.4
 51 50.7 40.9 61.3





#25

Chloroform

Concen: 5.253 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

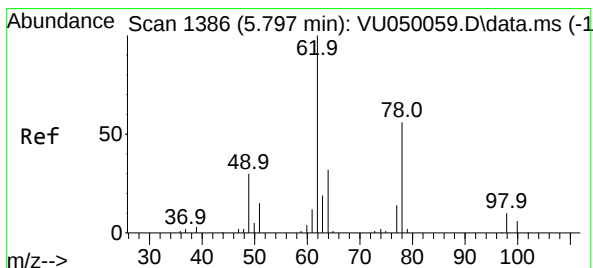
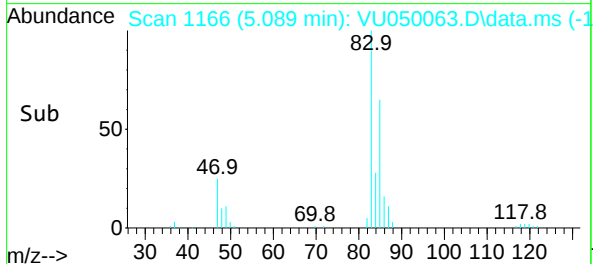
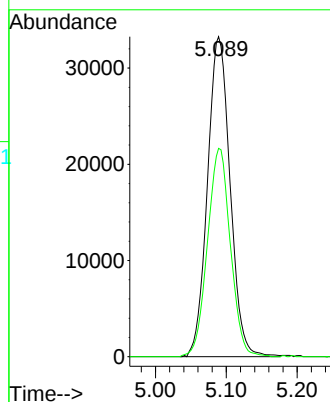
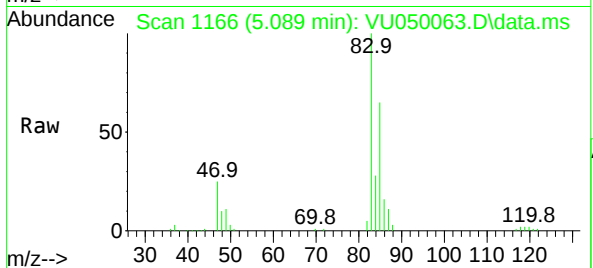
VSTD005146

Tgt Ion: 83 Resp: 73846

Ion Ratio Lower Upper

83 100

85 65.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.408 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050063.D

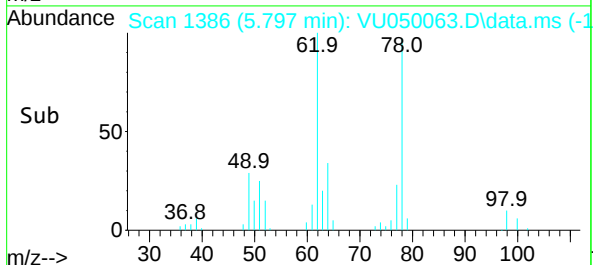
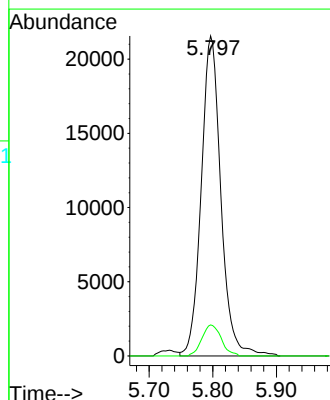
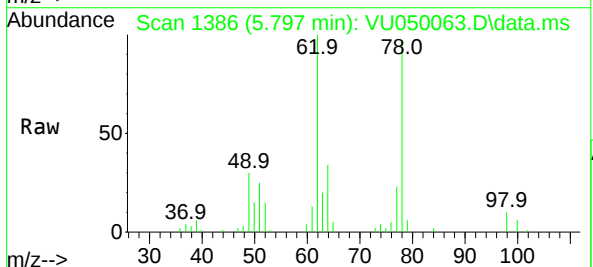
Acq: 04 Aug 2022 14:00

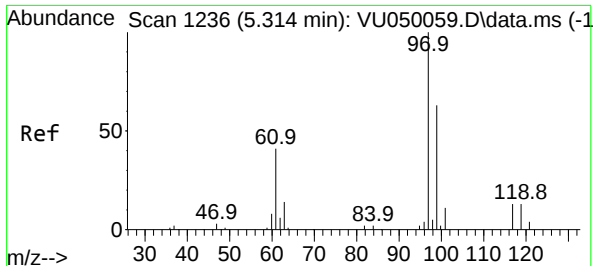
Tgt Ion: 62 Resp: 46268

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.101 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005146

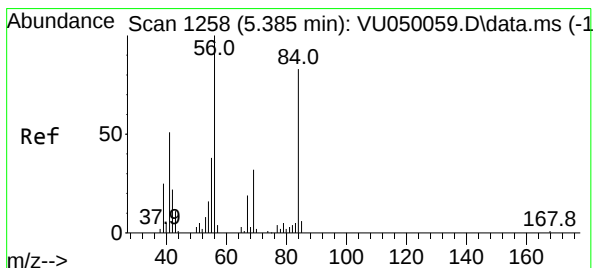
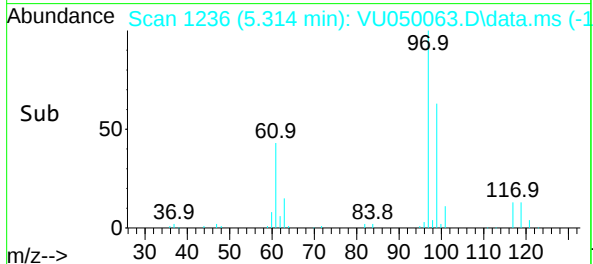
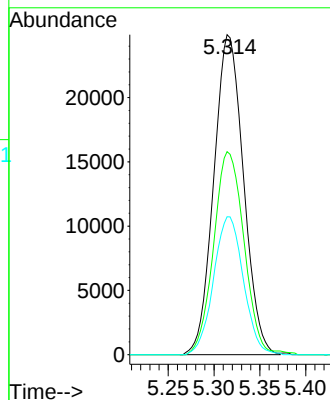
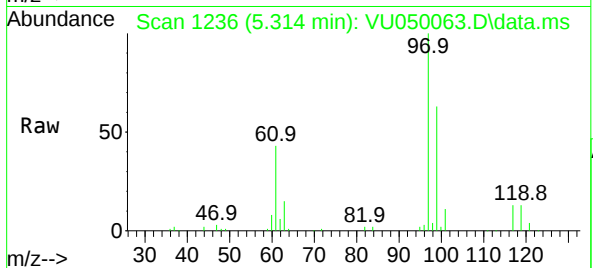
Tgt Ion: 97 Resp: 56086

Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 43.3 34.2 51.4



#30

Cyclohexane

Concen: 4.907 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

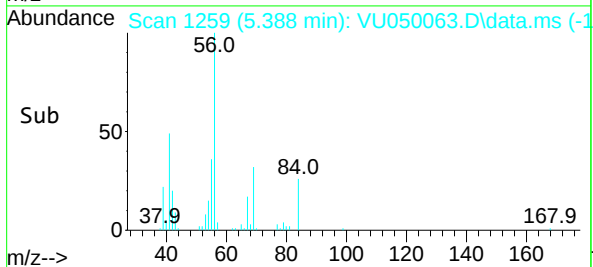
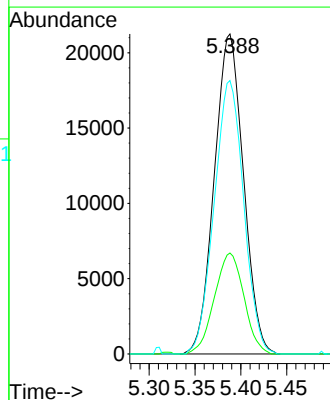
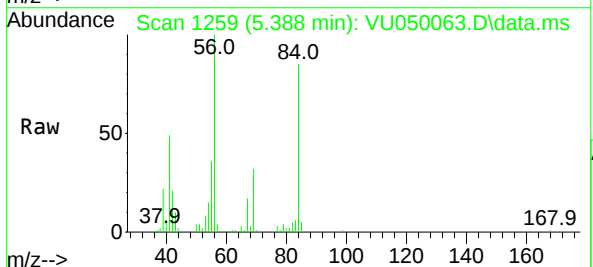
Tgt Ion: 56 Resp: 47006

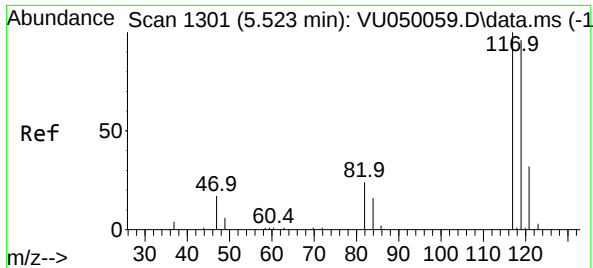
Ion Ratio Lower Upper

56 100

69 31.9 24.6 37.0

84 86.5 69.1 103.7

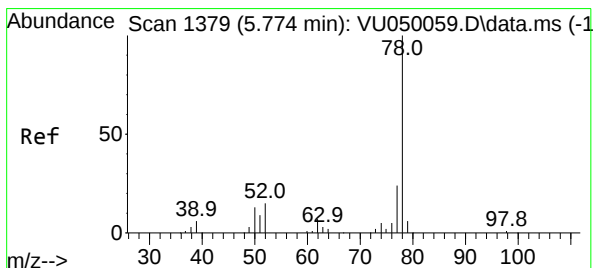
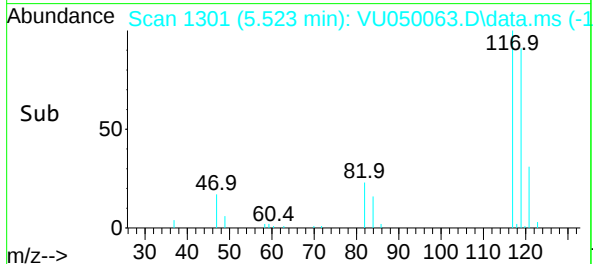
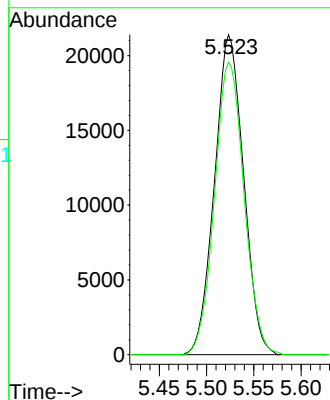
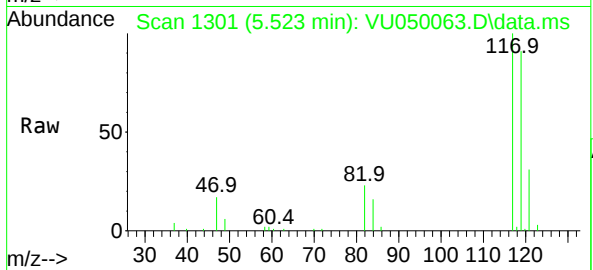




#31
Carbon tetrachloride
Concen: 5.075 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

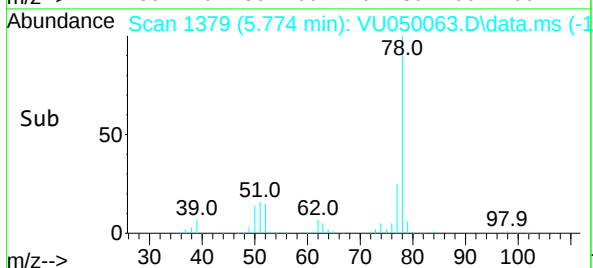
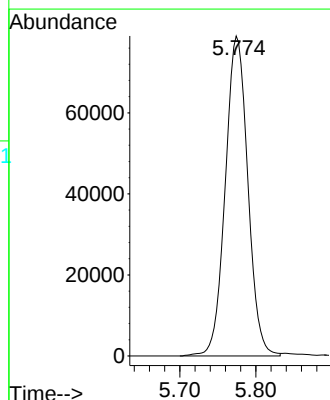
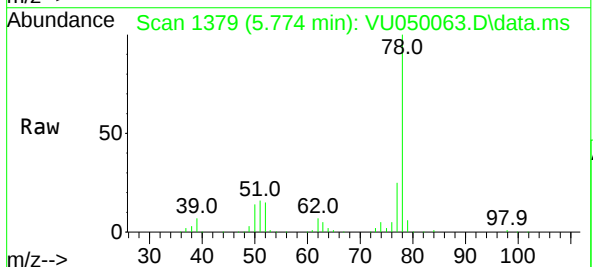
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

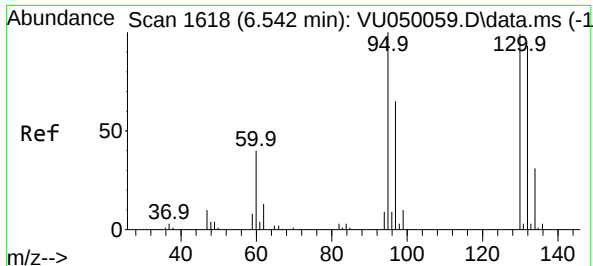
Tgt Ion:117 Resp: 45742
Ion Ratio Lower Upper
117 100
119 92.9 76.0 114.0



#33
Benzene
Concen: 5.176 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 78 Resp: 162539

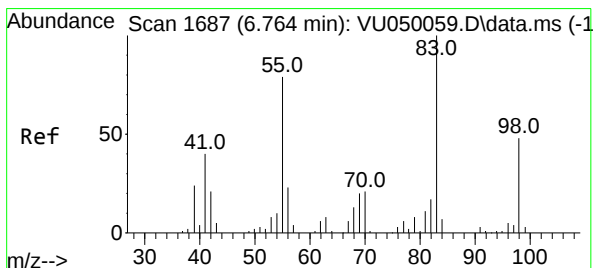
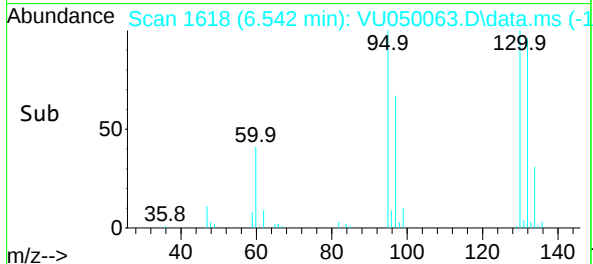
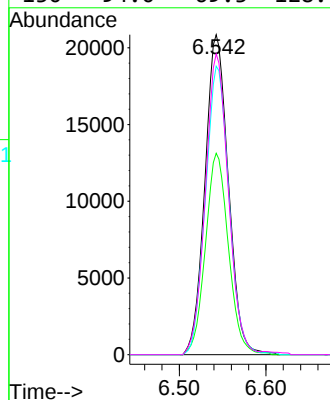
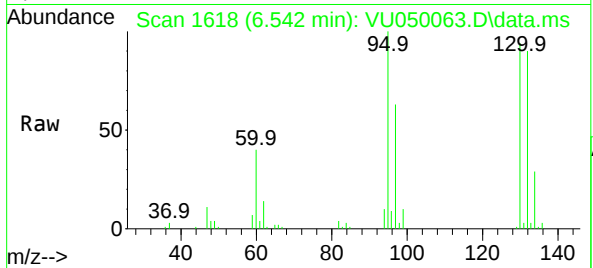




#34
Trichloroethene
Concen: 5.166 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

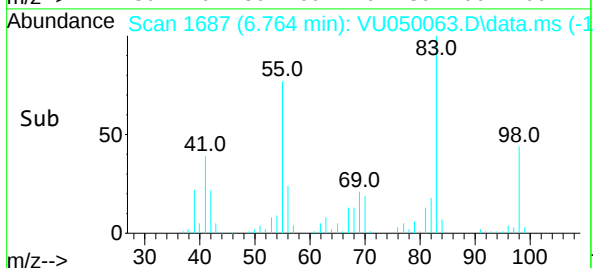
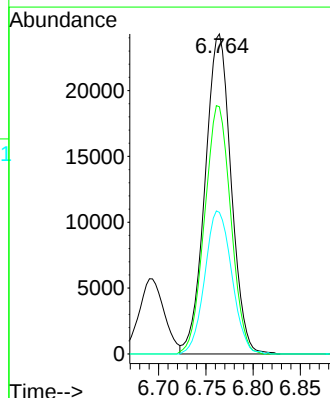
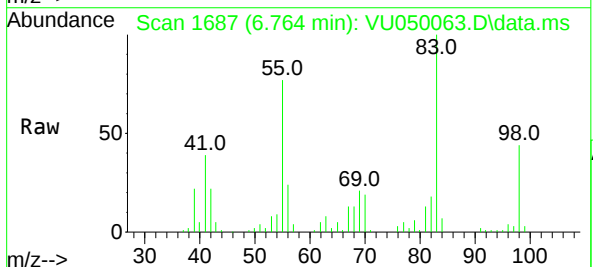
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

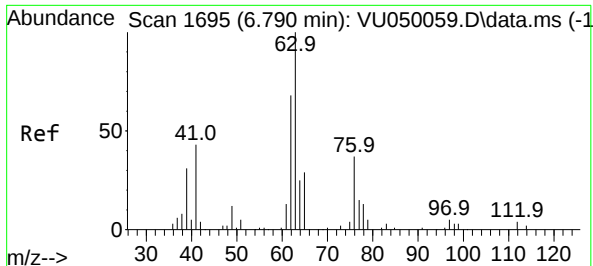
Tgt Ion: 95 Resp: 39233
Ion Ratio Lower Upper
95 100
97 63.0 45.6 84.8
132 90.1 65.0 120.6
130 94.0 69.3 128.7



#35
Methylcyclohexane
Concen: 4.751 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 83 Resp: 46580
Ion Ratio Lower Upper
83 100
55 78.1 62.7 94.1
98 46.3 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.324 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

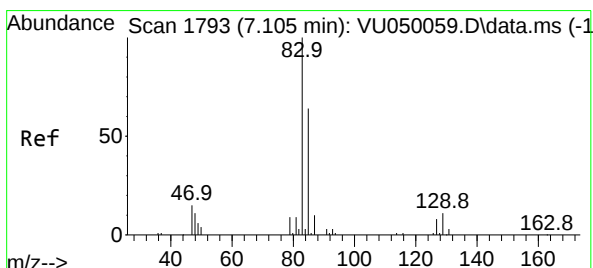
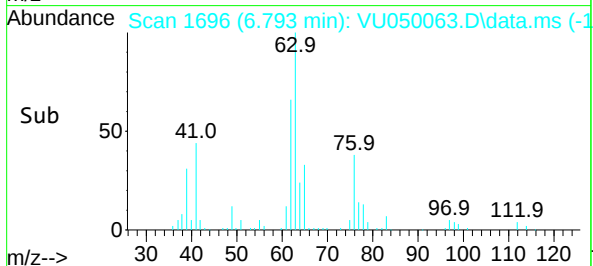
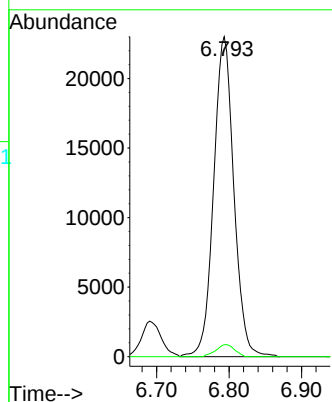
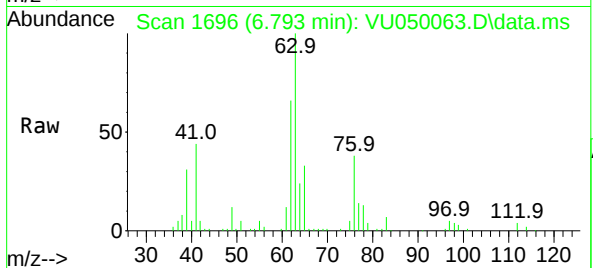
VSTD005146

Tgt Ion: 63 Resp: 44532

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 5.318 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

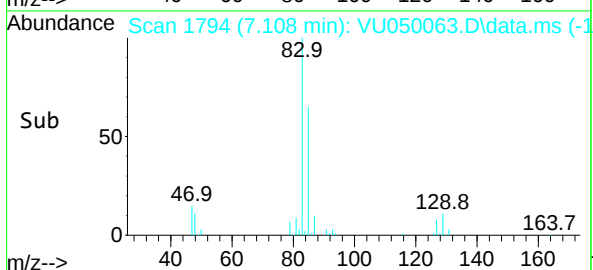
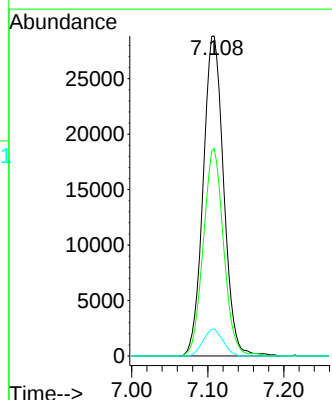
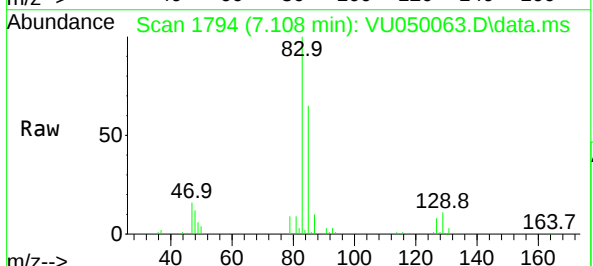
Tgt Ion: 83 Resp: 54034

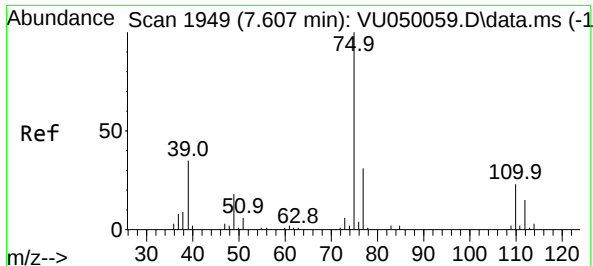
Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.7

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.432 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

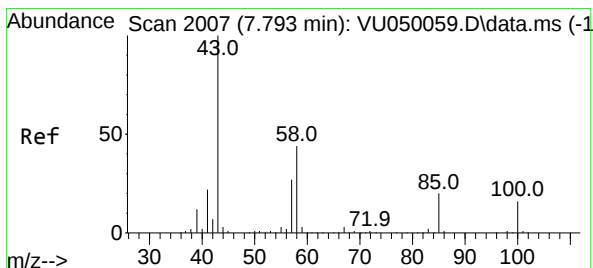
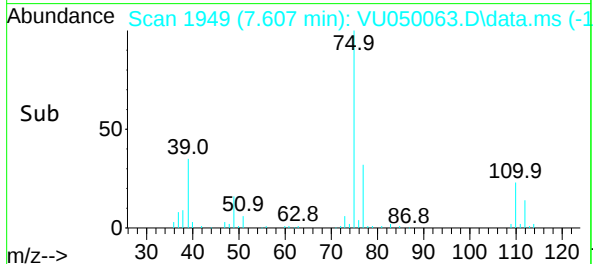
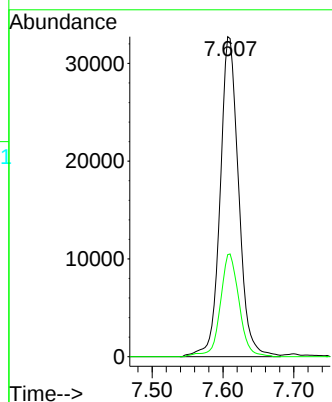
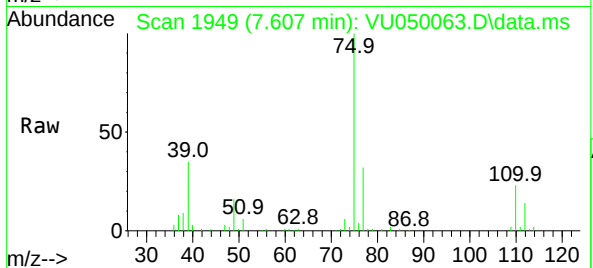
VSTD005146

Tgt Ion: 75 Resp: 59291

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.447 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

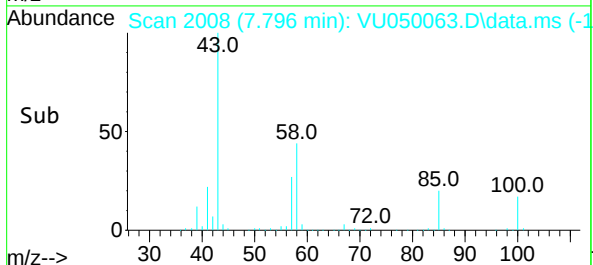
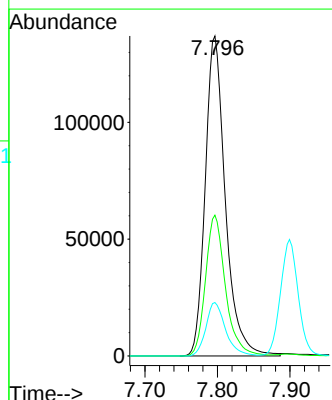
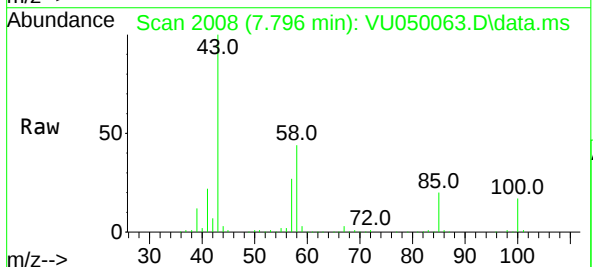
Tgt Ion: 43 Resp: 263777

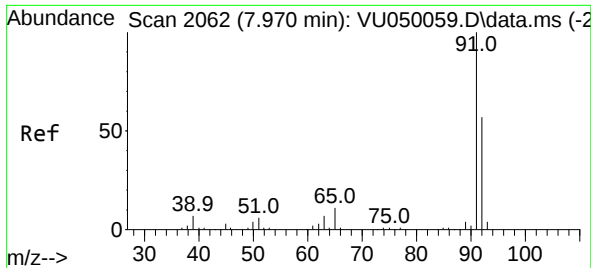
Ion Ratio Lower Upper

43 100

58 43.7 34.6 51.8

100 16.4 13.0 19.4





#42

Toluene

Concen: 5.314 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

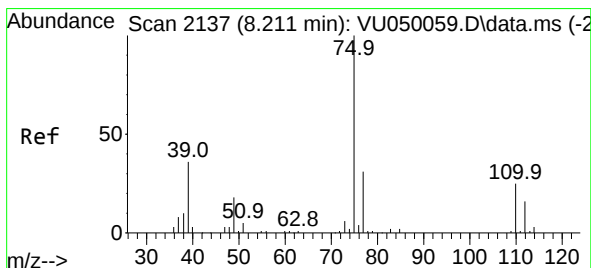
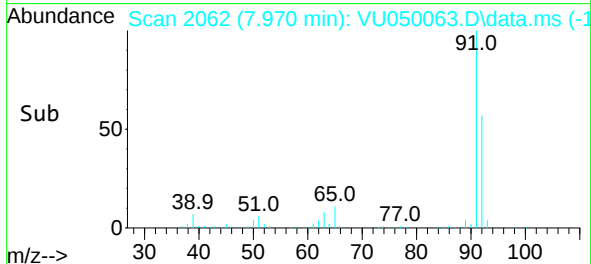
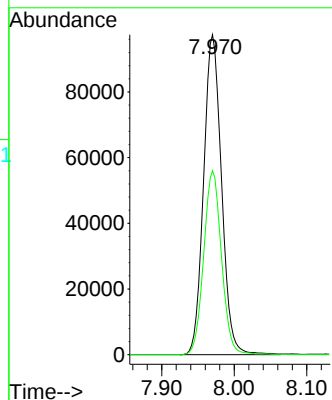
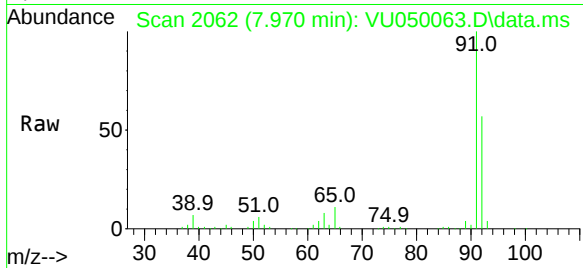
VSTD005146

Tgt Ion: 91 Resp: 167362

Ion Ratio Lower Upper

91 100

92 57.5 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 5.429 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050063.D

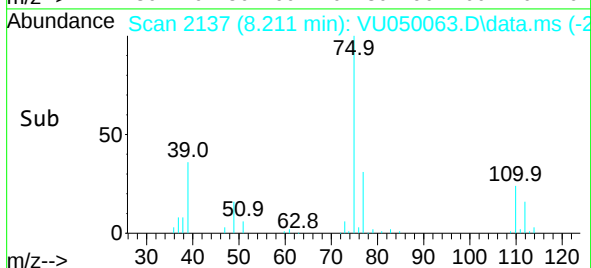
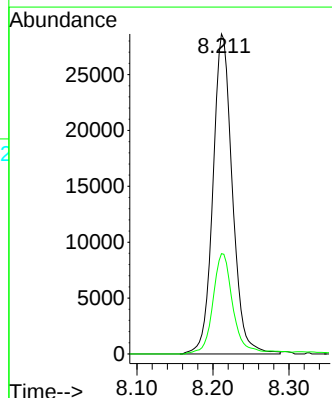
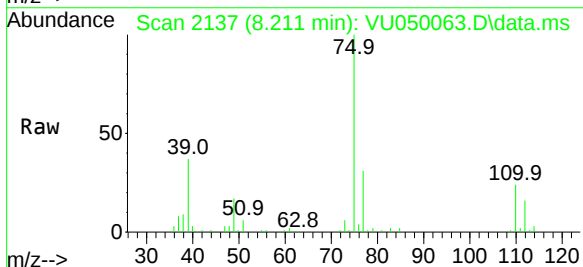
Acq: 04 Aug 2022 14:00

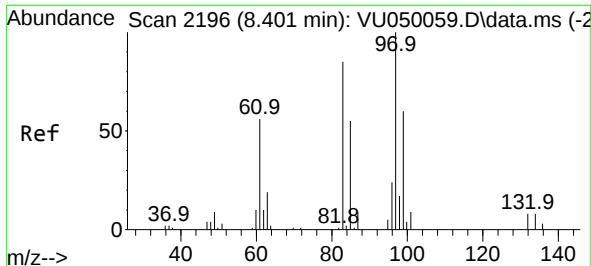
Tgt Ion: 75 Resp: 50822

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



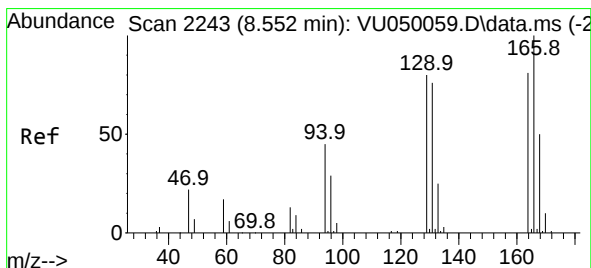
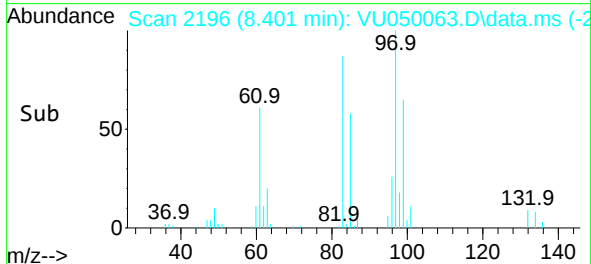
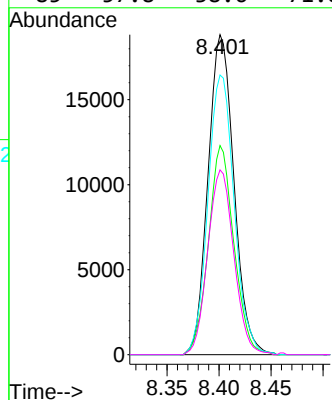
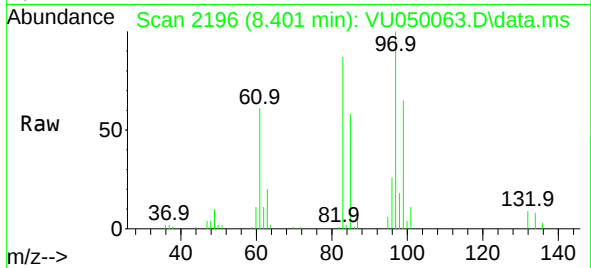


#45
1,1,2-Trichloroethane
Concen: 5.231 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Tgt Ion: 97 Resp: 32703

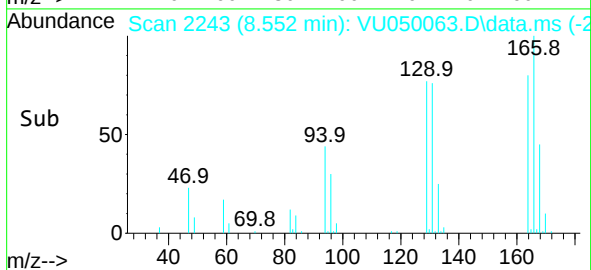
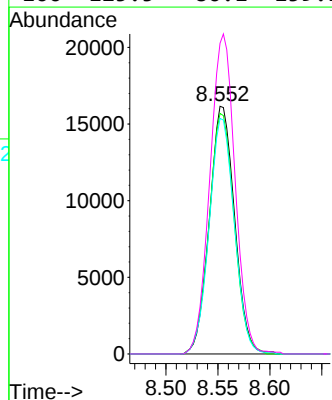
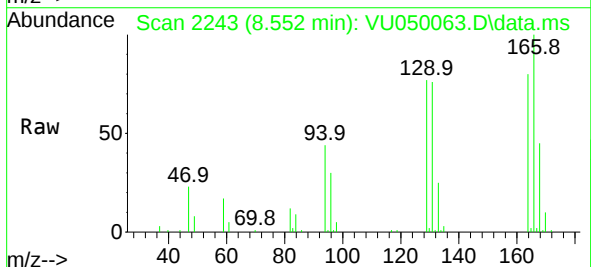
Ion	Ratio	Lower	Upper
97	100		
99	65.3	42.2	78.4
83	87.4	59.6	110.6
85	57.8	38.6	71.8

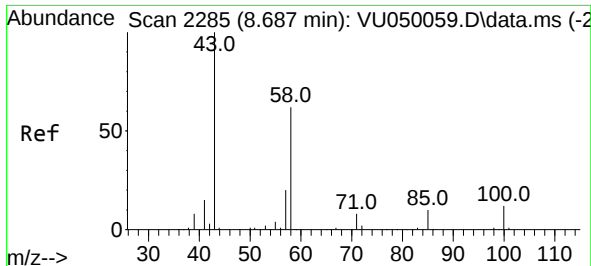


#47
Tetrachloroethene
Concen: 5.009 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 164 Resp: 27256

Ion	Ratio	Lower	Upper
164	100		
129	97.1	69.0	128.1
131	95.1	65.8	122.2
166	125.5	86.1	159.9



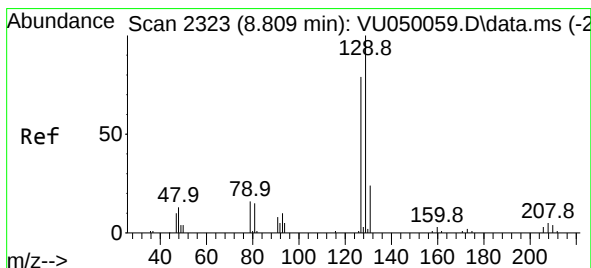
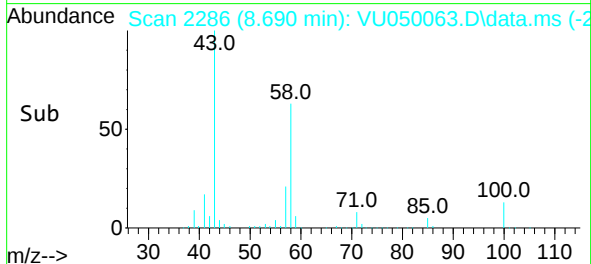
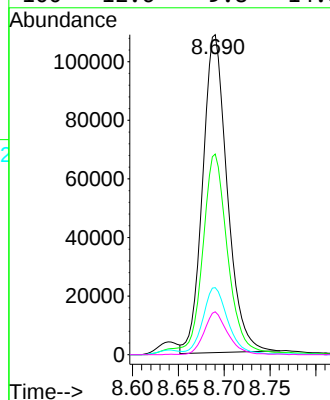
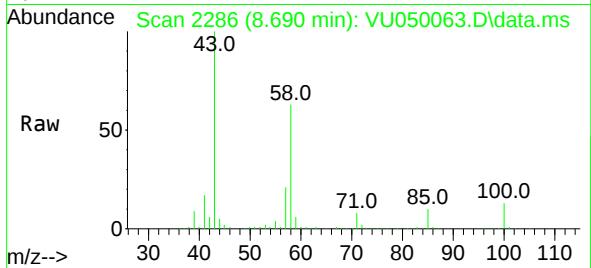


#48
2-Hexanone
Concen: 53.977 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Tgt Ion: 43 Resp: 202252

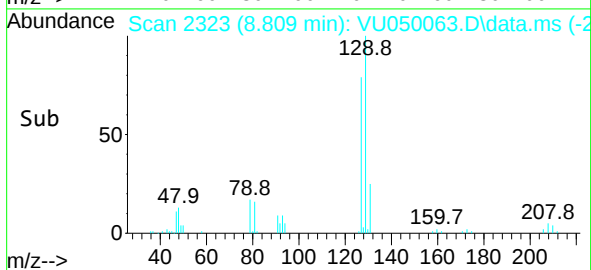
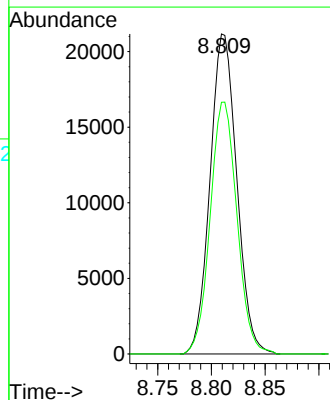
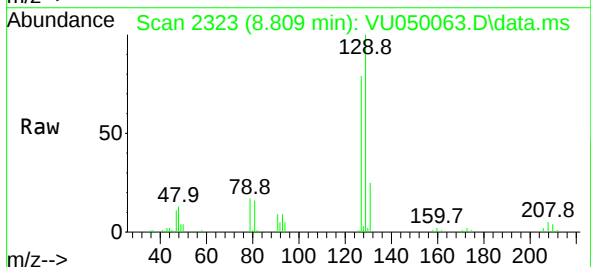
Ion	Ratio	Lower	Upper
43	100		
58	65.3	50.6	76.0
57	21.2	16.0	24.0
100	12.6	9.8	14.8

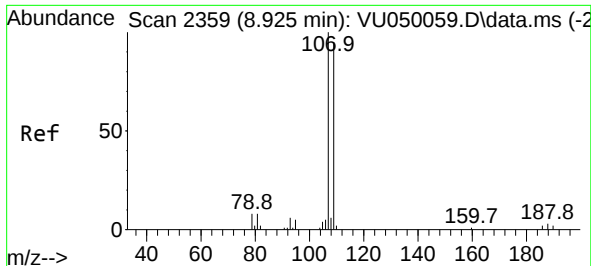


#49
Dibromochloromethane
Concen: 5.293 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 129 Resp: 36629

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.3	102.7

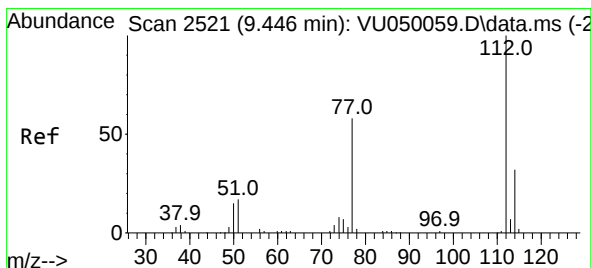
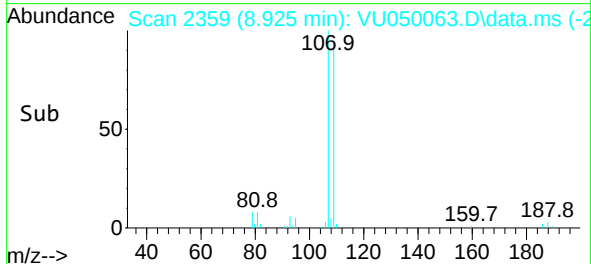
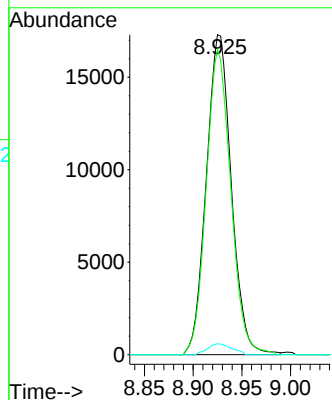
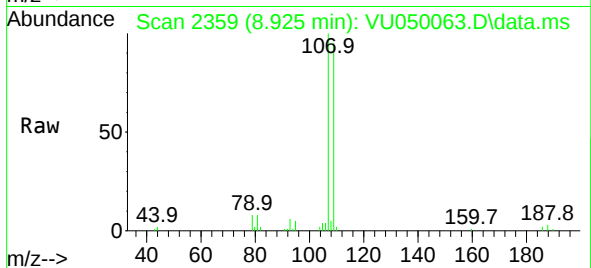




#50
1,2-Dibromoethane
Concen: 5.455 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

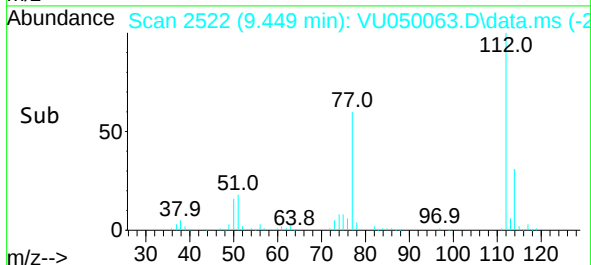
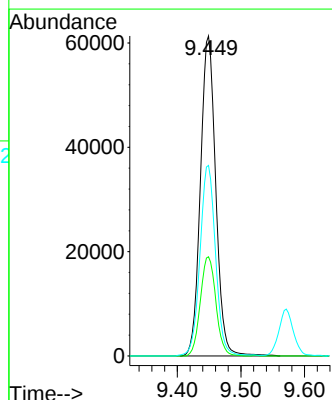
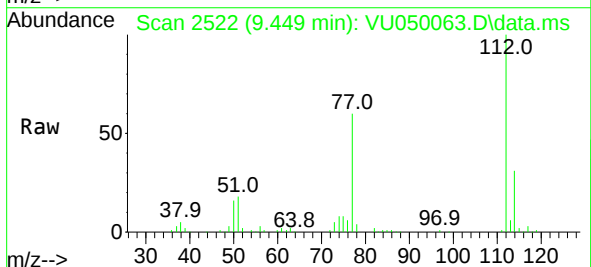
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

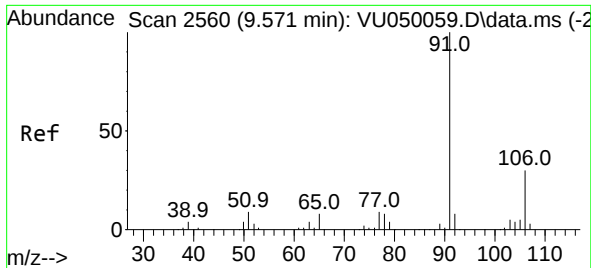
Tgt Ion:107 Resp: 30926
Ion Ratio Lower Upper
107 100
109 95.4 66.6 123.6
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.181 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion:112 Resp: 102664
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 59.5 46.3 69.5

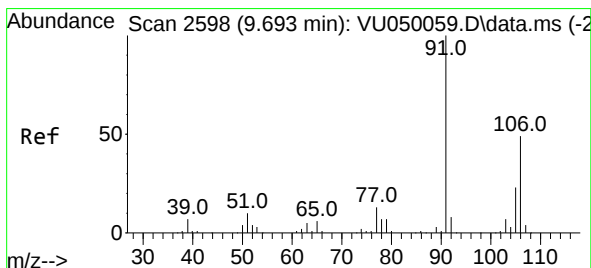
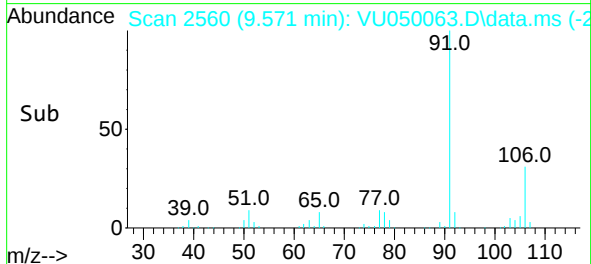
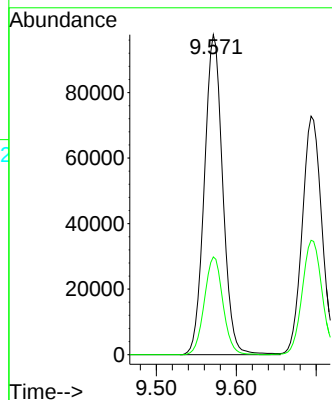
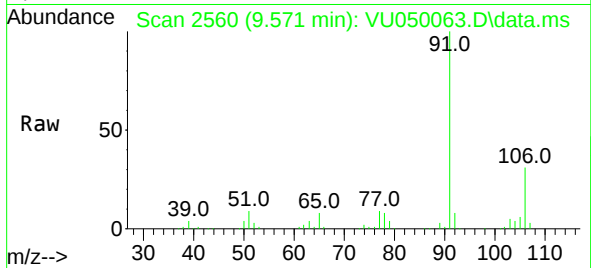




#52
Ethylbenzene
Concen: 5.089 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

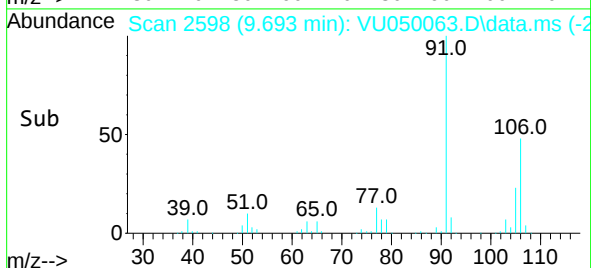
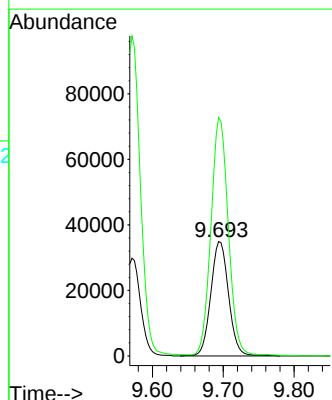
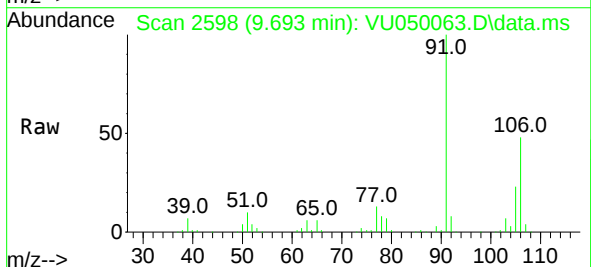
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

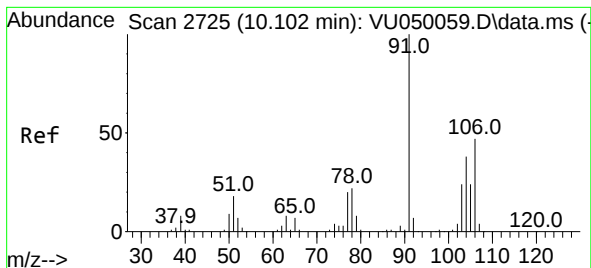
Tgt Ion: 91 Resp: 156384
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 5.374 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 106 Resp: 60819
Ion Ratio Lower Upper
106 100
91 208.5 143.1 265.9





#54

o-Xylene

Concen: 5.403 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

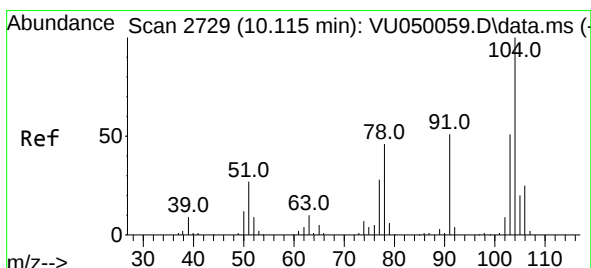
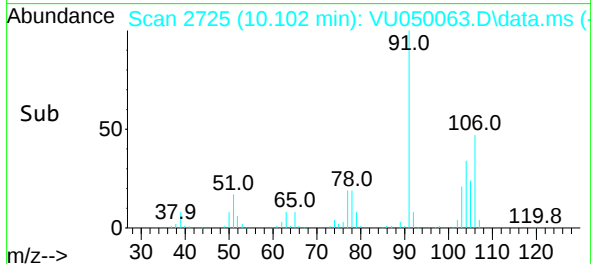
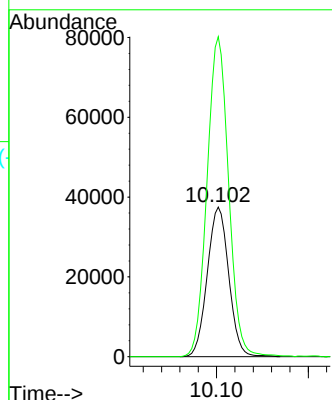
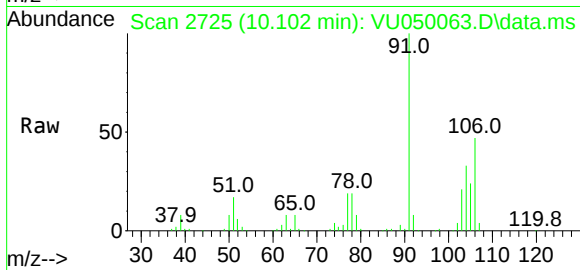
VSTD005146

Tgt Ion:106 Resp: 61036

Ion Ratio Lower Upper

106 100

91 214.0 149.4 277.4



#55

Styrene

Concen: 5.561 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU050063.D

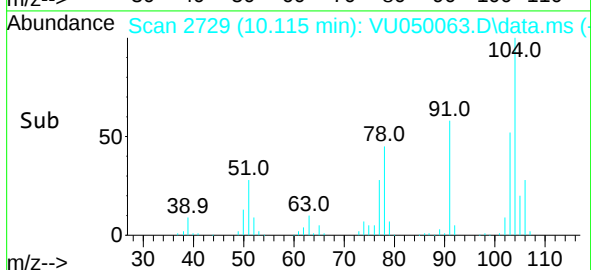
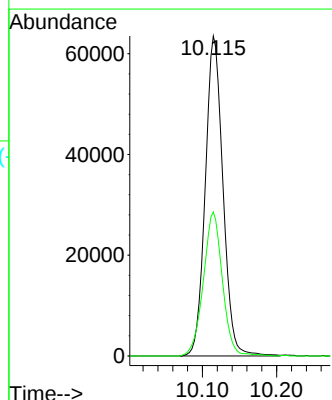
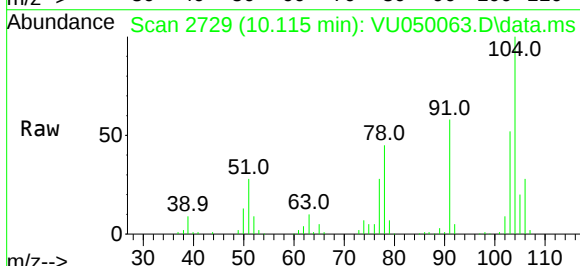
Acq: 04 Aug 2022 14:00

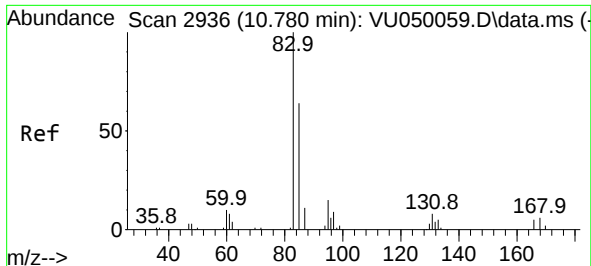
Tgt Ion:104 Resp: 104950

Ion Ratio Lower Upper

104 100

78 45.0 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.253 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005146

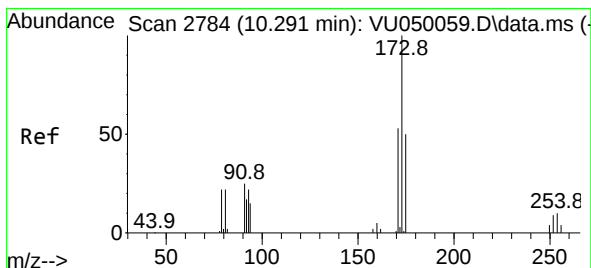
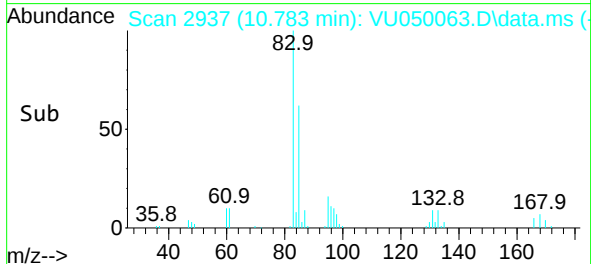
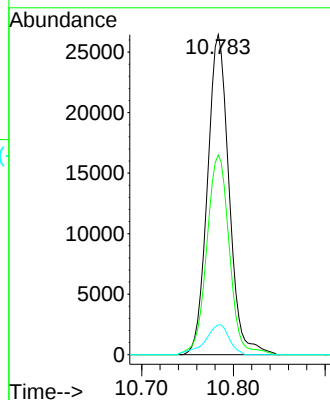
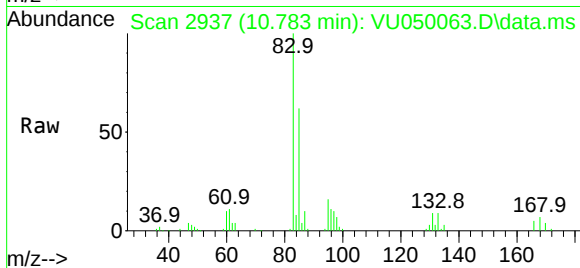
Tgt Ion: 83 Resp: 43157

Ion Ratio Lower Upper

83 100

85 62.4 45.2 84.0

131 9.4 6.6 9.8



#59

Bromoform

Concen: 4.923 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

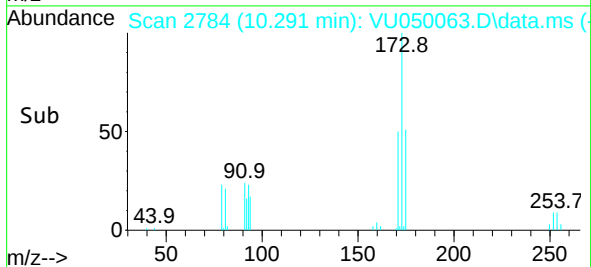
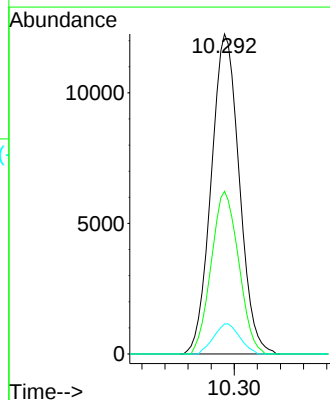
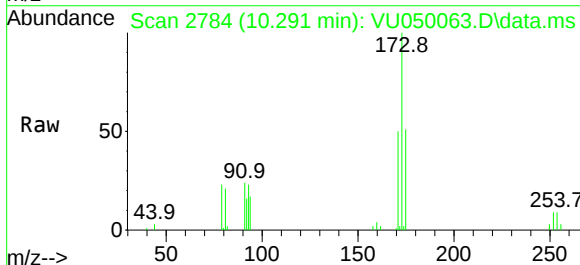
Tgt Ion:173 Resp: 20649

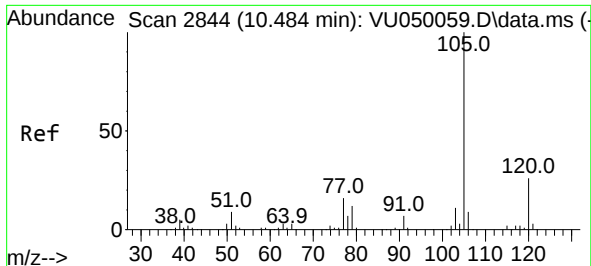
Ion Ratio Lower Upper

173 100

175 49.8 37.0 55.6

254 8.7 7.4 11.0

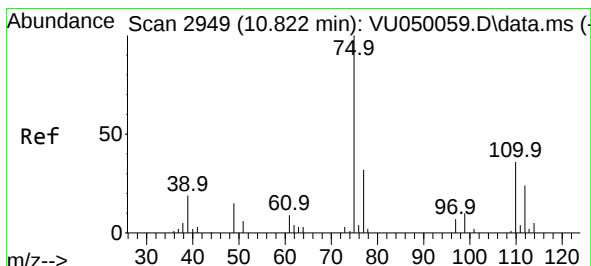
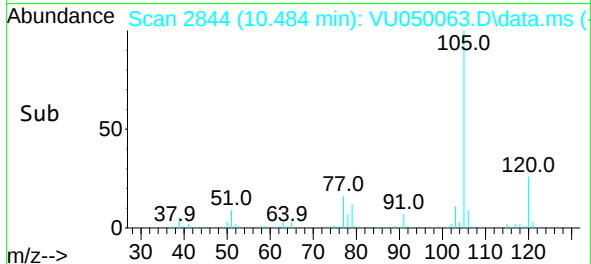
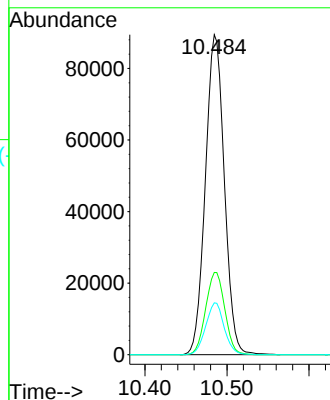
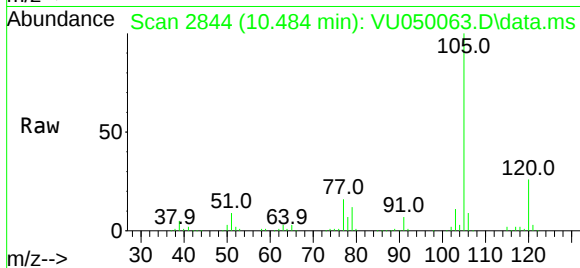




#60
Isopropylbenzene
Concen: 5.150 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

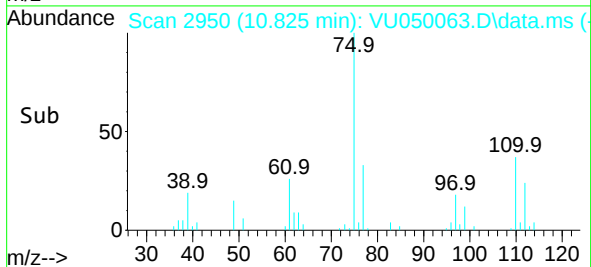
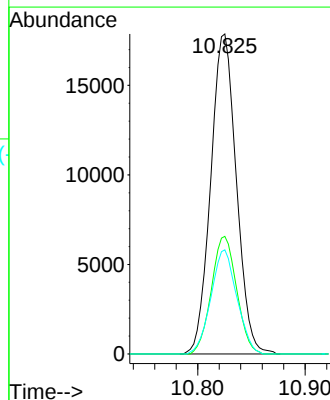
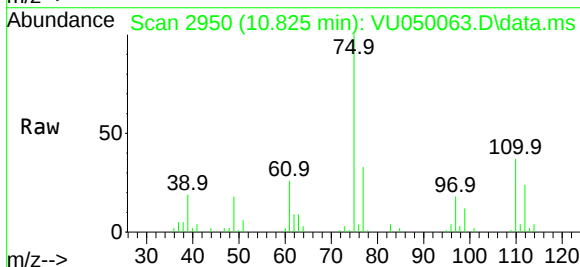
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

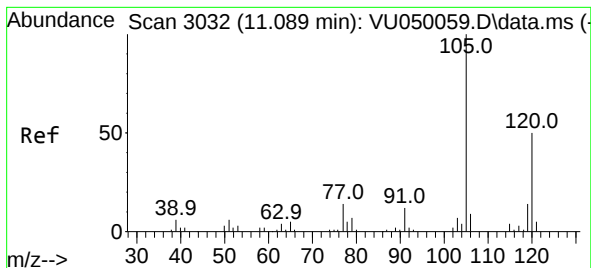
Tgt Ion:105 Resp: 143826
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.199 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 75 Resp: 29617
Ion Ratio Lower Upper
75 100
110 36.1 28.5 42.7
77 32.9 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 5.025 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050063.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

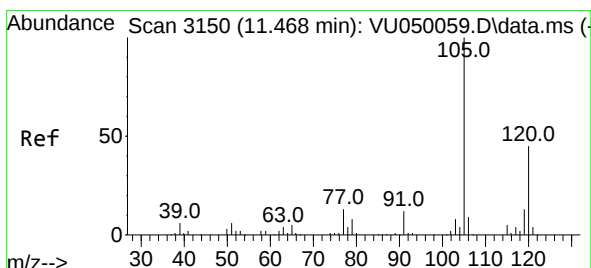
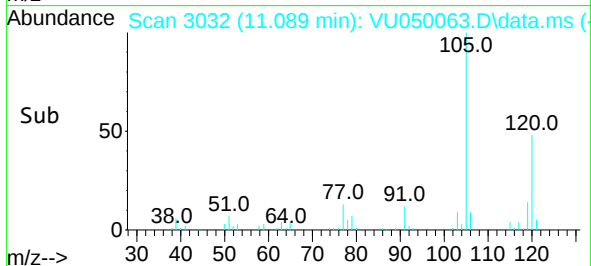
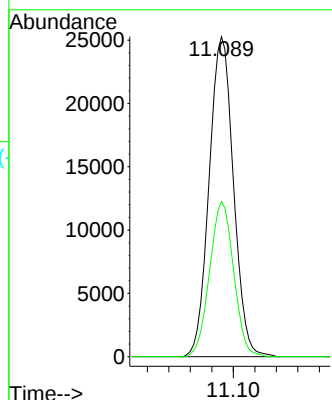
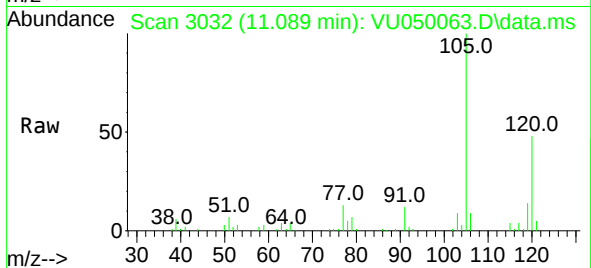
VSTD005146

Tgt Ion:105 Resp: 39654

Ion Ratio Lower Upper

105 100

120 47.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 5.127 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050063.D

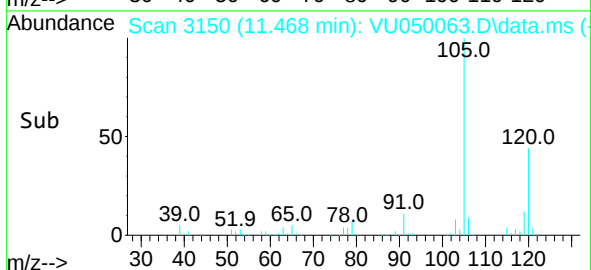
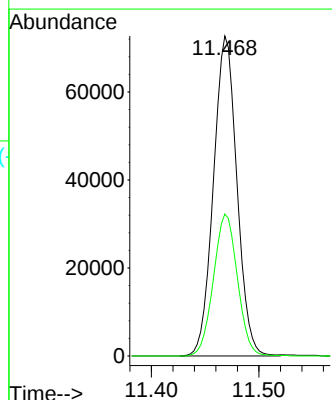
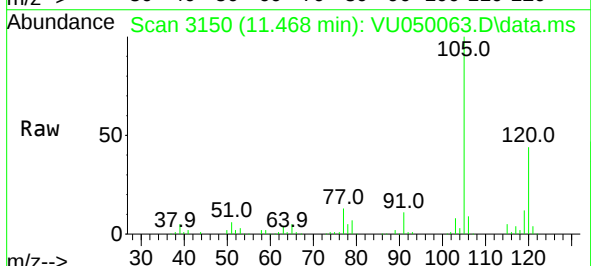
Acq: 04 Aug 2022 14:00

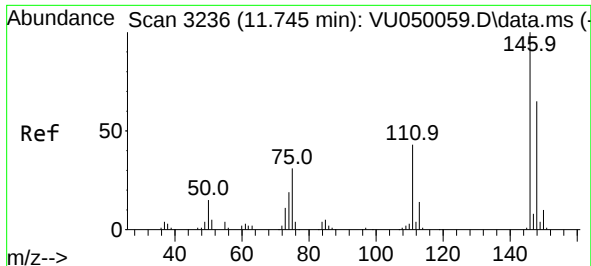
Tgt Ion:105 Resp: 110230

Ion Ratio Lower Upper

105 100

120 45.4 35.9 53.9

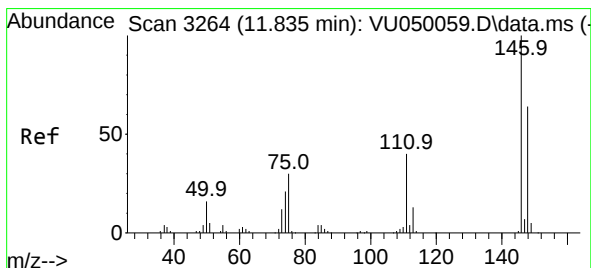
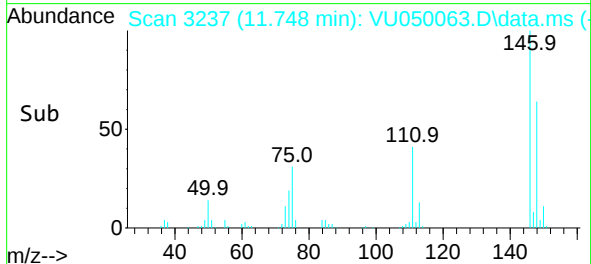
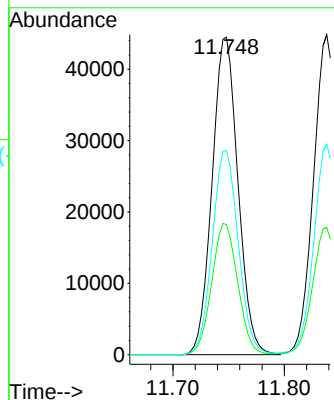
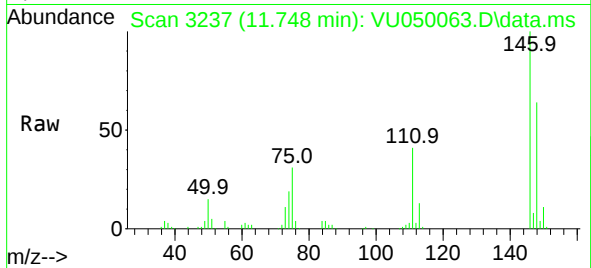




#64
1,3-Dichlorobenzene
Concen: 5.101 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

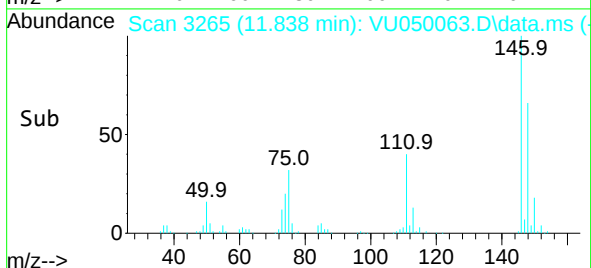
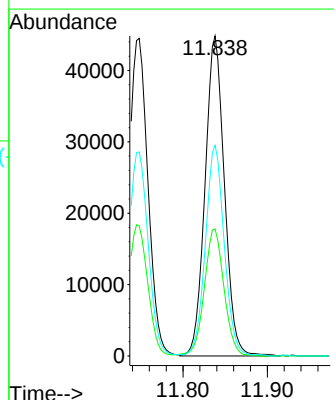
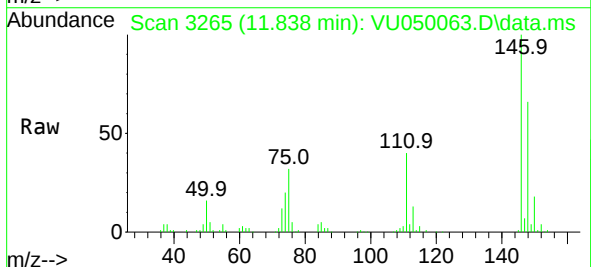
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

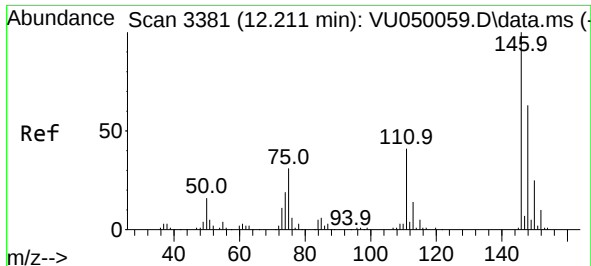
Tgt Ion:146 Resp: 71810
Ion Ratio Lower Upper
146 100
111 40.9 29.9 55.5
148 64.3 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.230 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion:146 Resp: 71639
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 65.8 44.6 82.8

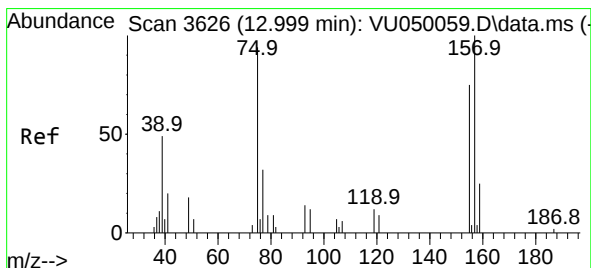
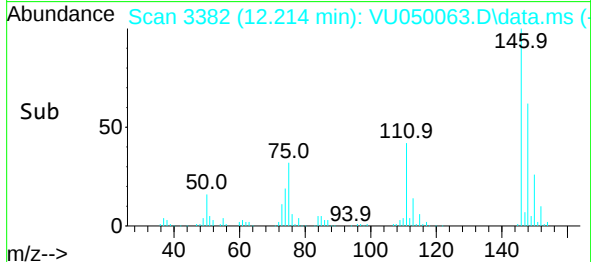
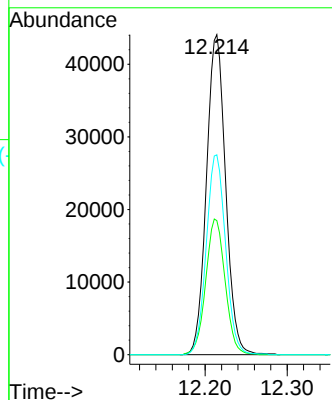
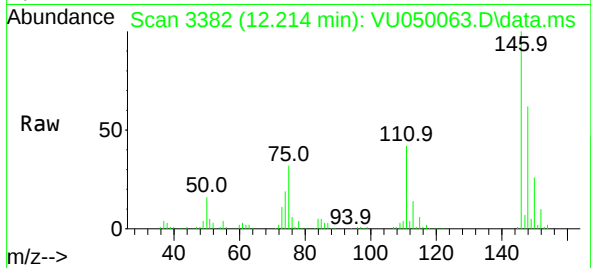




#67
1,2-Dichlorobenzene
Concen: 5.260 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

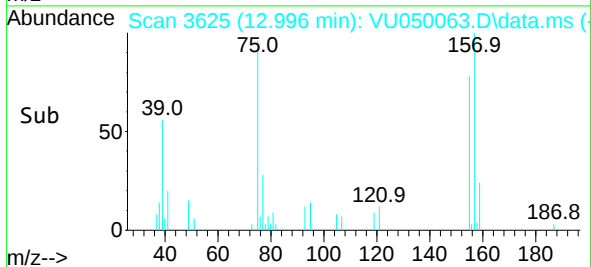
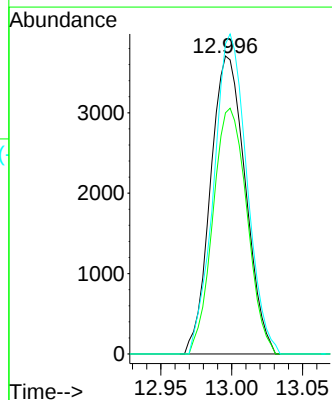
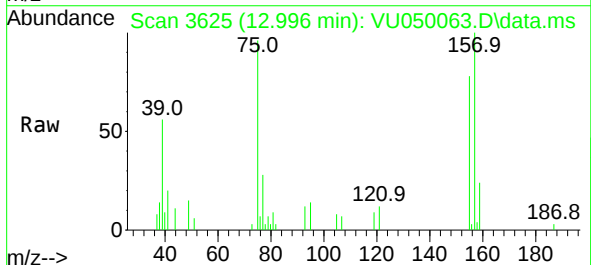
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

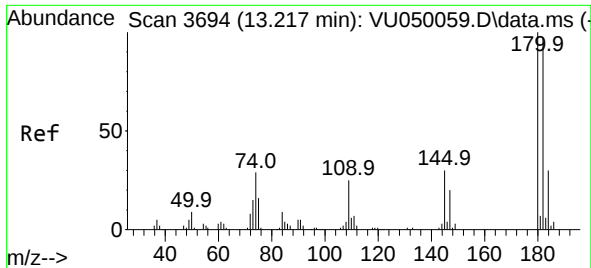
Tgt Ion:146 Resp: 71705
Ion Ratio Lower Upper
146 100
111 41.9 32.9 49.3
148 62.4 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.682 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 75 Resp: 6347
Ion Ratio Lower Upper
75 100
155 80.9 63.5 95.3
157 104.0 85.0 127.6

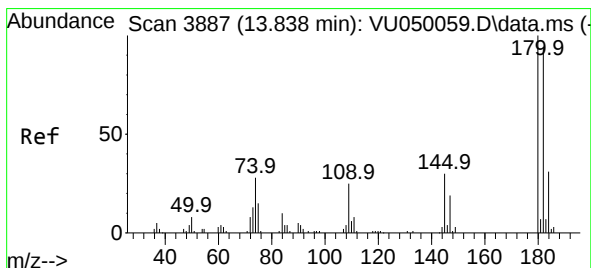
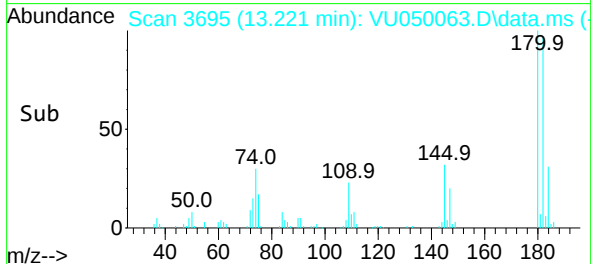
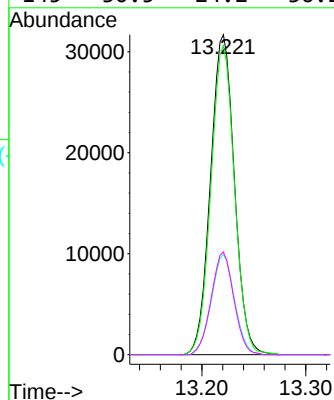
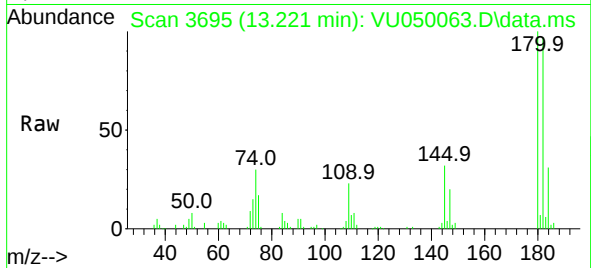




#69
 1,3,5-Trichlorobenzene
 Concen: 5.041 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

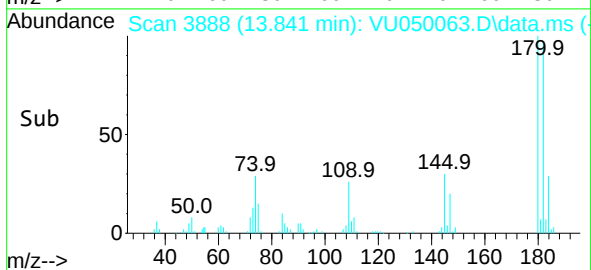
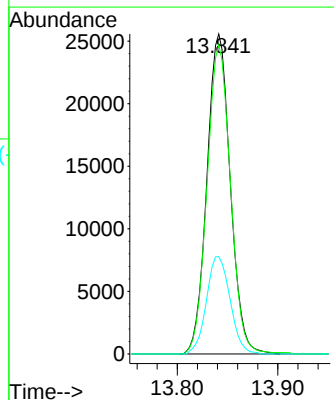
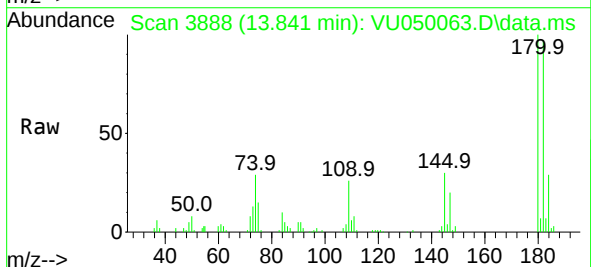
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

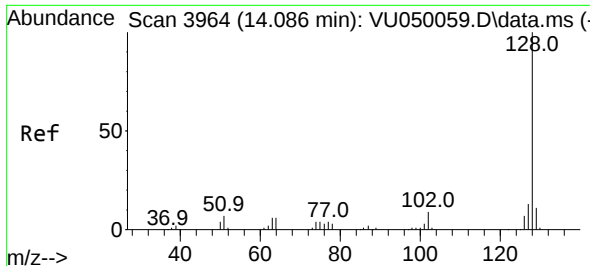
Tgt Ion:180	Resp:	50556
Ion Ratio	Lower	Upper
180	100	
182	95.2	77.3 115.9
184	30.4	24.1 36.1
145	30.5	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.435 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050063.D
 Acq: 04 Aug 2022 14:00

Tgt Ion:180	Resp:	41295
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.9 115.3
145	30.8	24.2 36.4

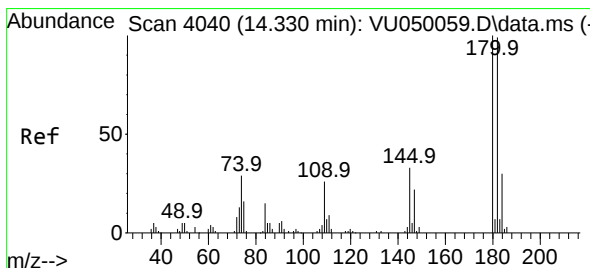
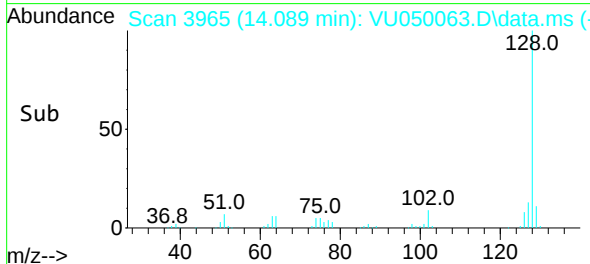
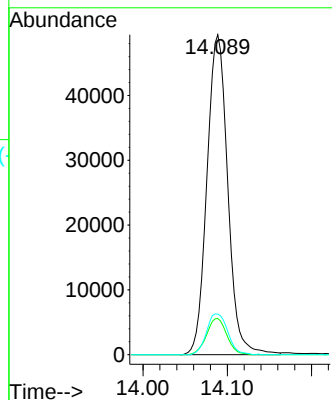
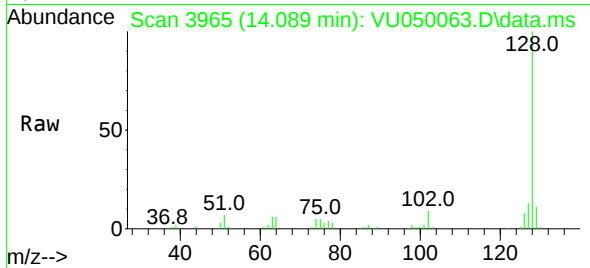




#71
Naphthalene
Concen: 5.451 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Tgt Ion:128 Resp: 84920
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.522 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050063.D
Acq: 04 Aug 2022 14:00

Tgt Ion:180 Resp: 42532
Ion Ratio Lower Upper
180 100
182 95.4 77.5 116.3
145 31.1 25.8 38.6

