

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049108.D
 Acq On : 14 Jun 2022 12:18
 Operator : SY/MD
 Sample : VSTD02036
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020036

Quant Time: Jun 15 02:50:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 02:48:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	142624	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	270119	36.093	ug/L	0.00
7) Chloroethane-d5	1.912	69	170804	23.718	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	104413	29.208	ug/L	0.00
20) 2-Butanone-d5	4.632	46	819662	261.370	ug/L	0.00
24) Chloroform-d	5.063	84	424732	20.955	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	233088	20.946	ug/L	0.00
32) Benzene-d6	5.726	84	843457	23.936	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	285669	23.631	ug/L	0.00
41) Toluene-d8	7.899	98	758350	25.218	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	129166	29.714	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	576565	264.001	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	239707	23.200	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	275370	22.268	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	283565	18.878	ug/L	100
3) Chloromethane	1.520	50	285856	20.724	ug/L	99
5) Vinyl chloride	1.604	62	270796	21.413	ug/L	100
6) Bromomethane	1.858	94	138491	19.135	ug/L	98
8) Chloroethane	1.932	64	139233	20.266	ug/L	97
9) Trichlorofluoromethane	2.134	101	314594	19.309	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	188795	21.525	ug/L	100
12) 1,1-Dichloroethene	2.578	96	174367	20.093	ug/L	99
13) Acetone	2.645	43	401493	251.446	ug/L	98
14) Carbon disulfide	2.790	76	589546	19.866	ug/L	99
15) Methyl Acetate	2.954	43	107585	25.090	ug/L	98
16) Methylene chloride	3.044	84	199825	18.572	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	550425	22.819	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	190971	20.145	ug/L	97
19) 1,1-Dichloroethane	3.870	63	388451	21.123	ug/L	97
21) 2-Butanone	4.713	43	776965	268.337	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	217549	19.291	ug/L	97
23) Bromochloromethane	4.973	128	94854	19.603	ug/L	97
25) Chloroform	5.089	83	382174	19.800	ug/L	100
27) 1,2-Dichloroethane	5.793	62	255045	19.851	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	341154	20.917	ug/L	99
30) Cyclohexane	5.388	56	394584	26.550	ug/L	99
31) Carbon tetrachloride	5.523	117	294691	20.594	ug/L	98
33) Benzene	5.774	78	853754	21.906	ug/L	100
34) Trichloroethene	6.542	95	220565	21.952	ug/L	98
35) Methylcyclohexane	6.761	83	387911	25.473	ug/L	99
37) 1,2-Dichloropropane	6.790	63	233603	22.744	ug/L	100
38) Bromodichloromethane	7.105	83	291143	21.483	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	361441	25.116	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1830305	271.258	ug/L	100
42) Toluene	7.970	91	897759	22.738	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	313793	24.557	ug/L	99

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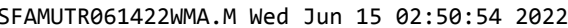
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020036

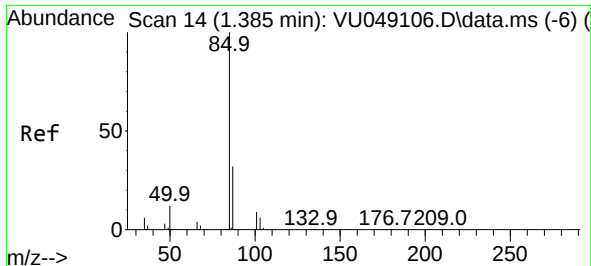
Quant Time: Jun 15 02:50:44 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	158570	21.870	ug/L	98
47) Tetrachloroethene	8.552	164	154151	19.849	ug/L	97
48) 2-Hexanone	8.684	43	1332248	268.587	ug/L	100
49) Dibromochloromethane	8.809	129	190083	20.929	ug/L	100
50) 1,2-Dibromoethane	8.925	107	154738	21.740	ug/L	99
51) Chlorobenzene	9.446	112	547787	21.323	ug/L	100
52) Ethylbenzene	9.571	91	988324	24.026	ug/L	99
53) m,p-Xylene	9.693	106	369148	22.498	ug/L	100
54) o-Xylene	10.098	106	361795	22.711	ug/L	98
55) Styrene	10.115	104	622998	23.492	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	223882	23.713	ug/L	98
59) Bromoform	10.291	173	112907	20.852	ug/L	99
60) Isopropylbenzene	10.484	105	982322	23.671	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	158762	22.057	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	869919	24.730	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	873936	24.919	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	422063	21.014	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	418778	21.307	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	407340	21.053	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	45399	25.557	ug/L	88
69) 1,3,5-Trichlorobenzene	13.217	180	333018	22.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	285936	23.887	ug/L	98
71) Naphthalene	14.085	128	590498	24.448	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	265913	23.442	ug/L	99

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

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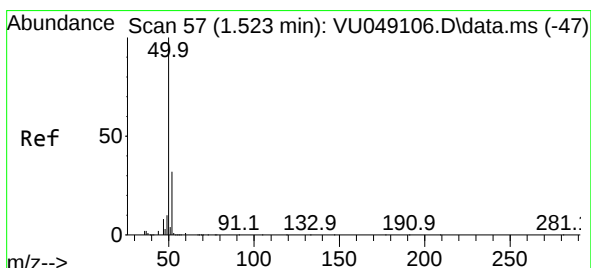
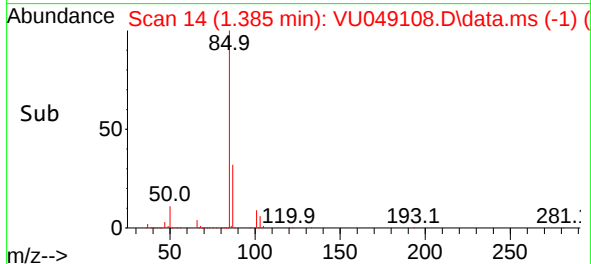
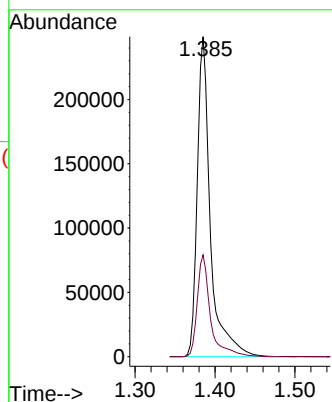
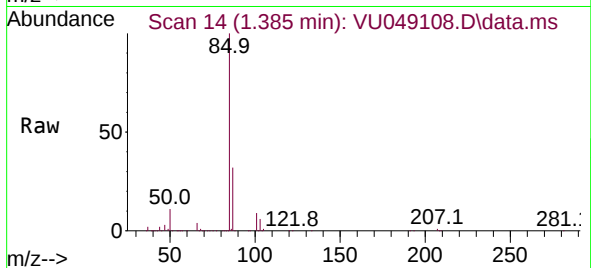




#2
Dichlorodifluoromethane
Concen: 18.878 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

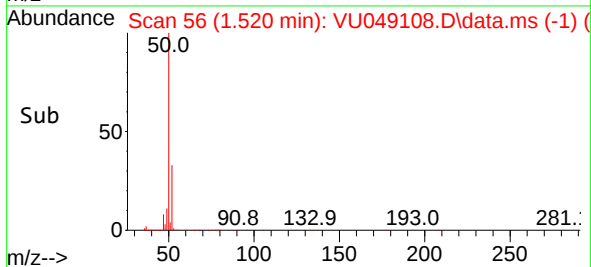
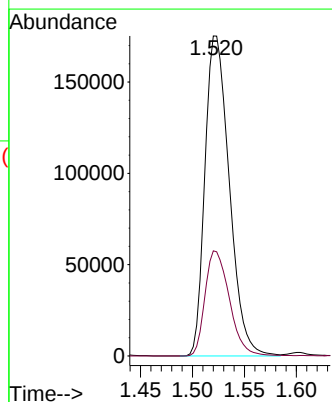
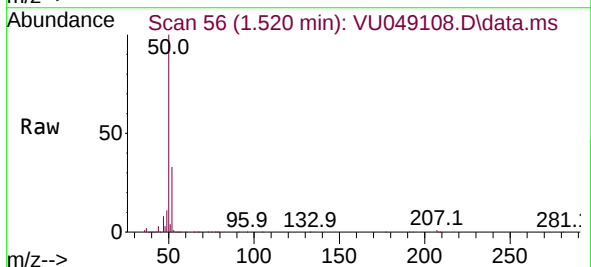
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

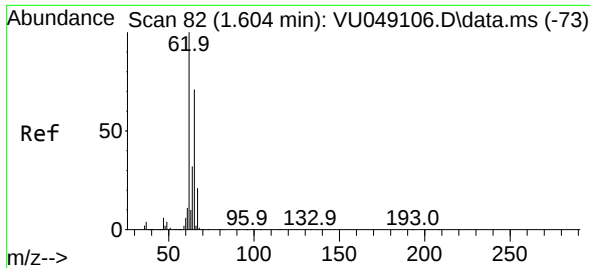
Tgt Ion: 85 Resp: 283565
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 20.724 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 50 Resp: 285856
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

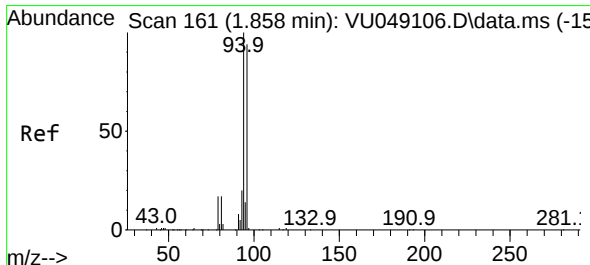
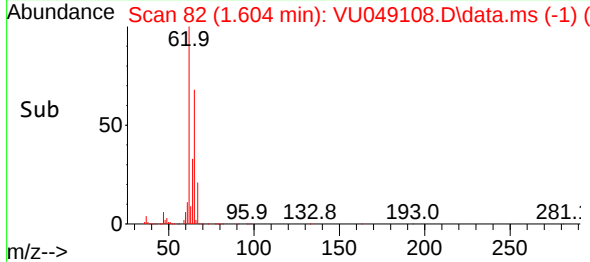
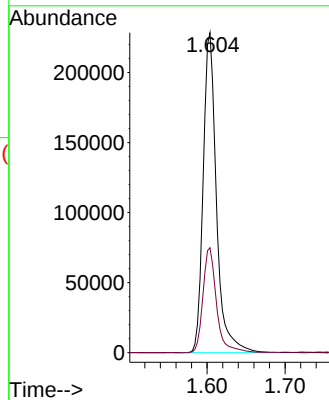
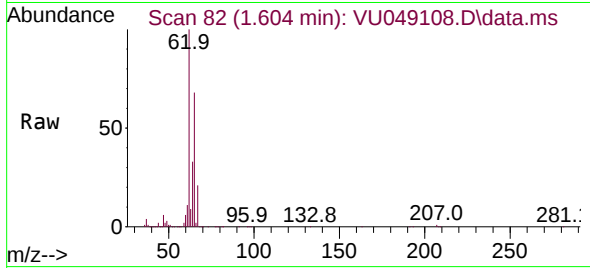




#5
 Vinyl chloride
 Concen: 21.413 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU049108.D
 Acq: 14 Jun 2022 12:18

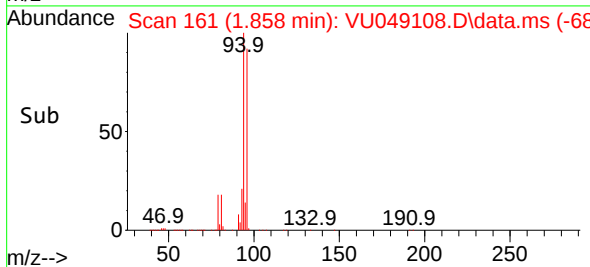
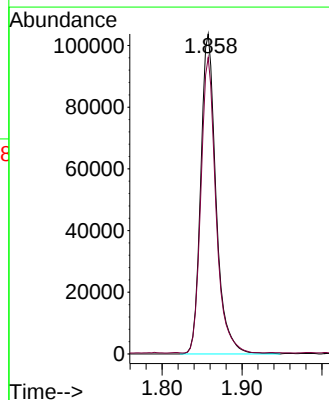
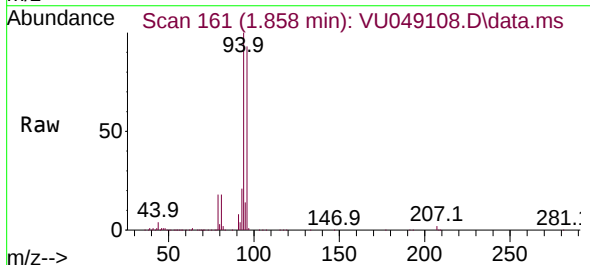
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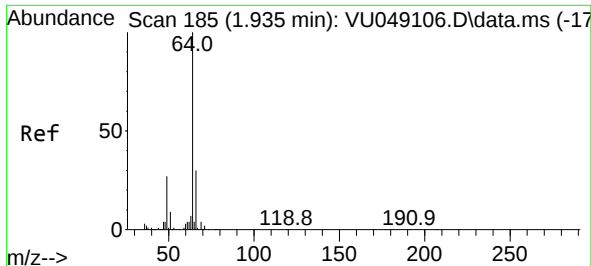
Tgt Ion: 62 Resp: 270796
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#6
 Bromomethane
 Concen: 19.135 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049108.D
 Acq: 14 Jun 2022 12:18

Tgt Ion: 94 Resp: 138491
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.4 123.4

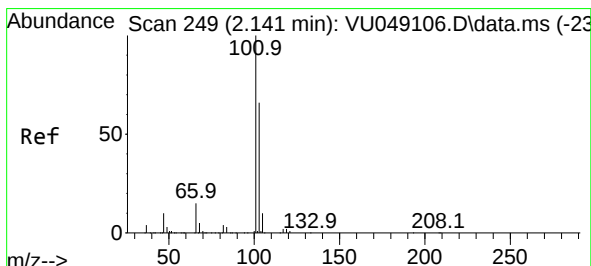
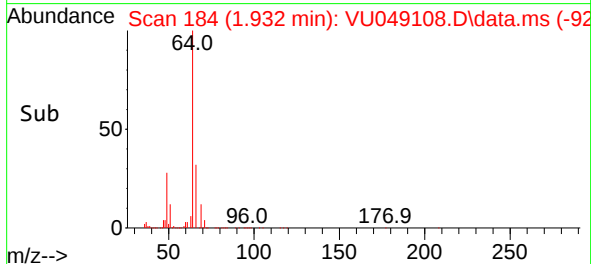
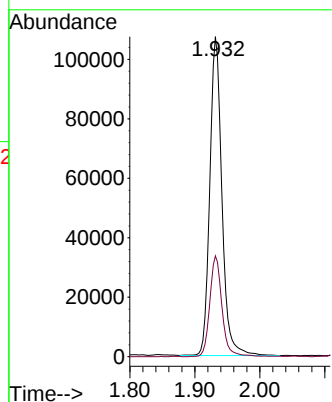
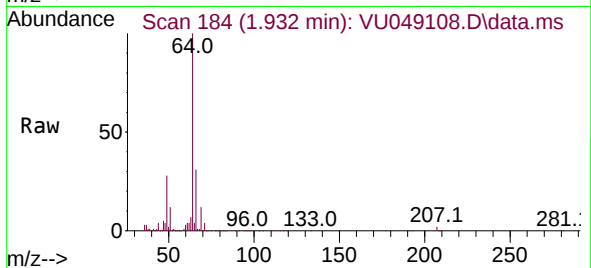




#8
Chloroethane
Concen: 20.266 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

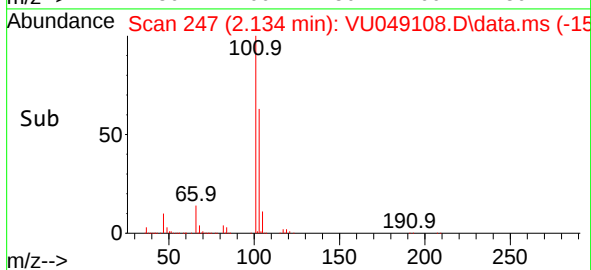
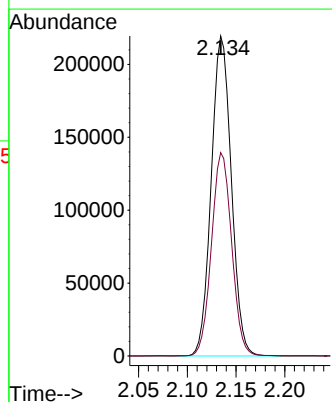
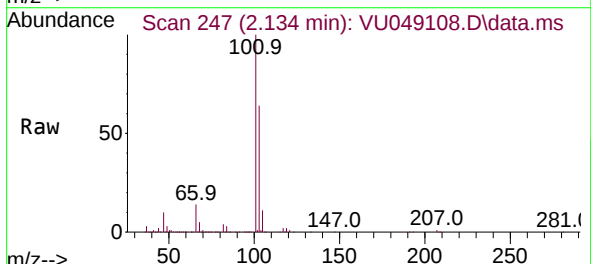
Instrument :
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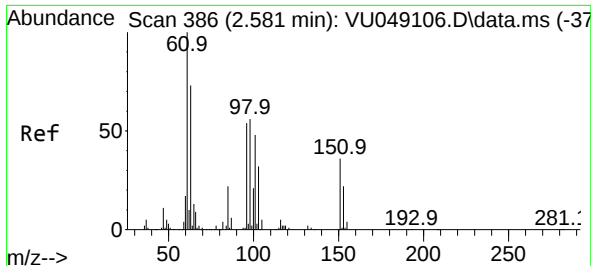
Tgt Ion: 64 Resp: 139233
Ion Ratio Lower Upper
64 100
66 31.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 19.309 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.007 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion:101 Resp: 314594
Ion Ratio Lower Upper
101 100
103 63.8 53.5 80.3

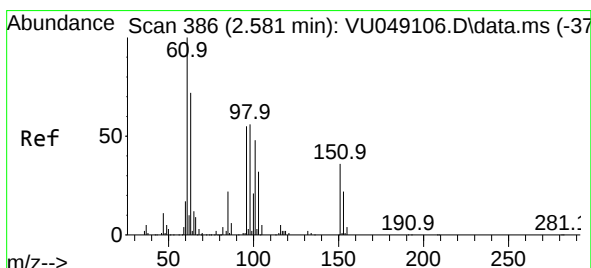
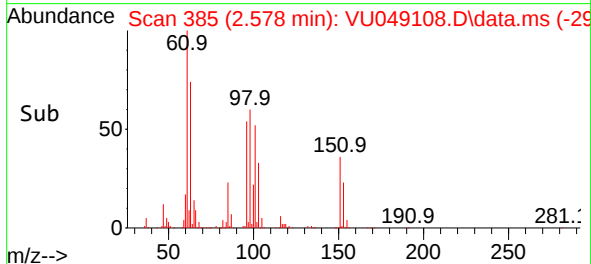
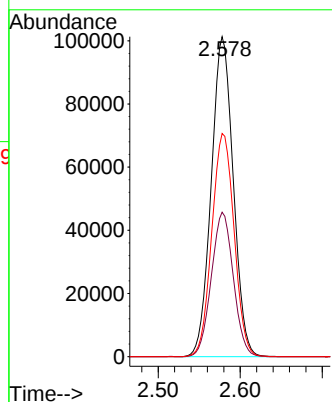
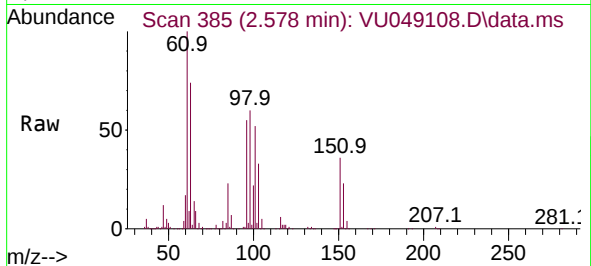




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.525 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049108.D
 Acq: 14 Jun 2022 12:18

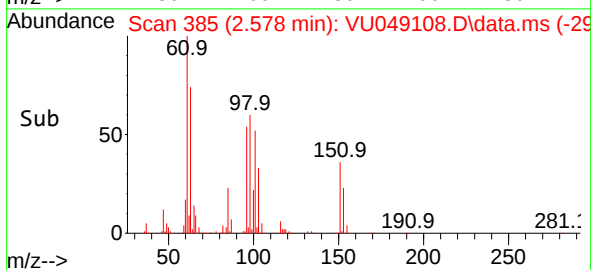
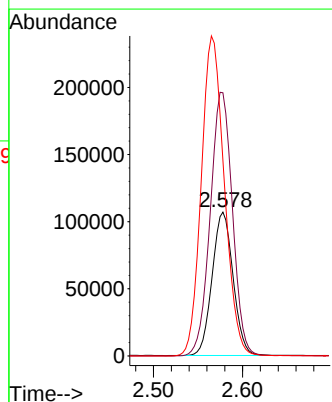
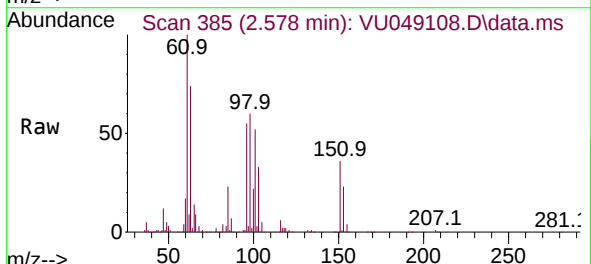
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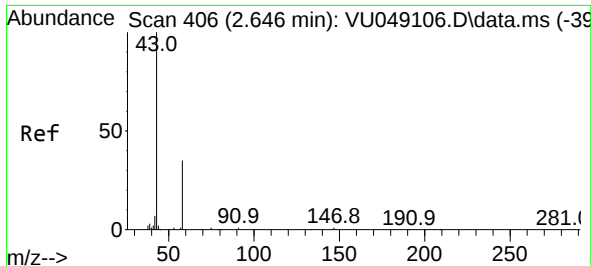
Tgt Ion:101 Resp: 188795
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 70.6 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 20.093 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049108.D
 Acq: 14 Jun 2022 12:18

Tgt Ion: 96 Resp: 174367
 Ion Ratio Lower Upper
 96 100
 61 183.0 127.2 236.2
 63 136.0 94.7 175.9

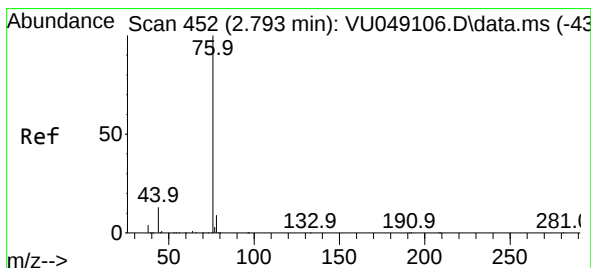
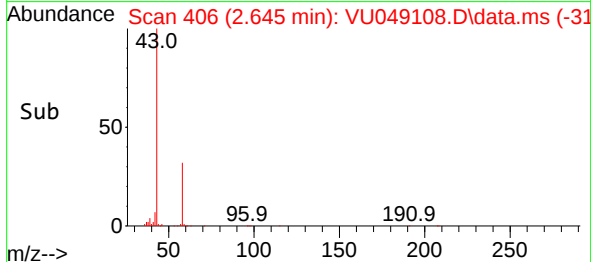
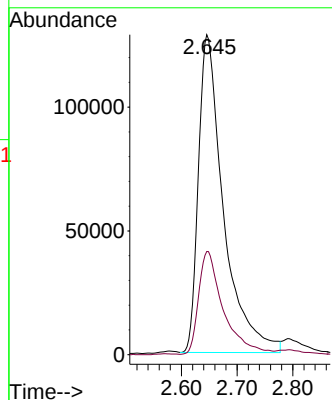
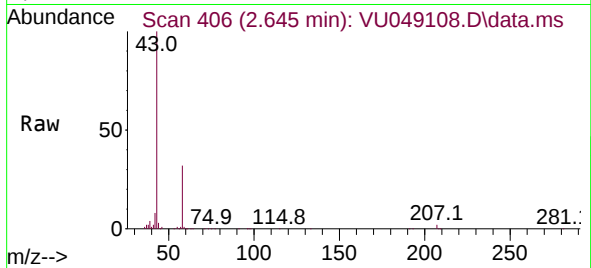




#13
Acetone
Concen: 251.446 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

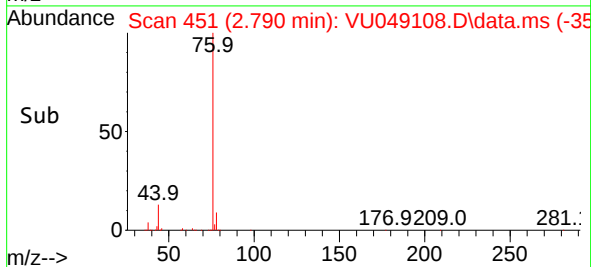
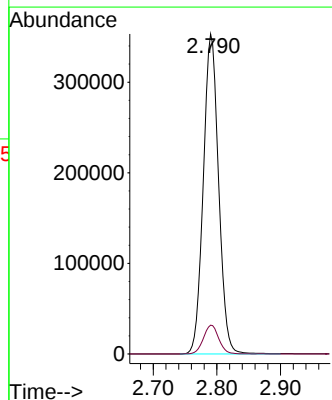
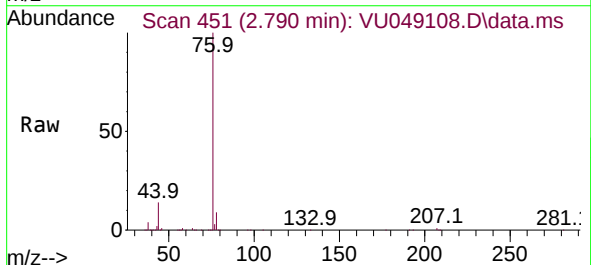
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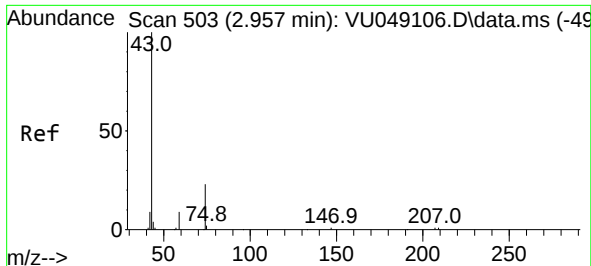
Tgt Ion: 43 Resp: 401493
Ion Ratio Lower Upper
43 100
58 31.8 0.0 65.8



#14
Carbon disulfide
Concen: 19.866 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 76 Resp: 589546
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

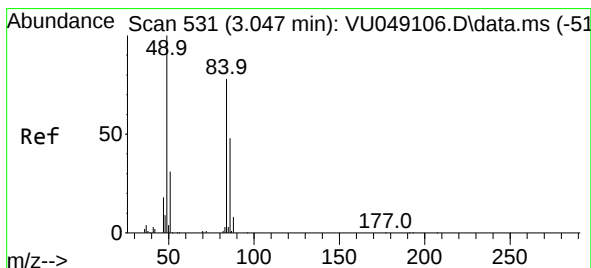
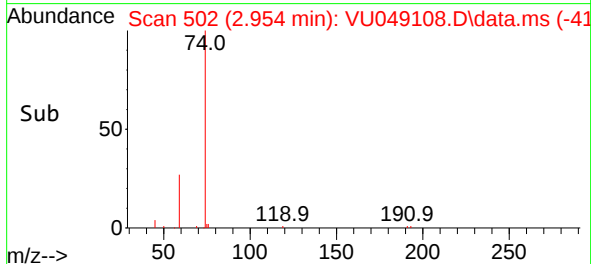
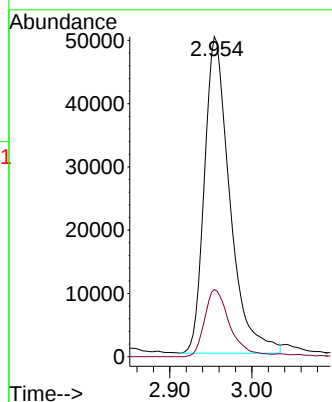
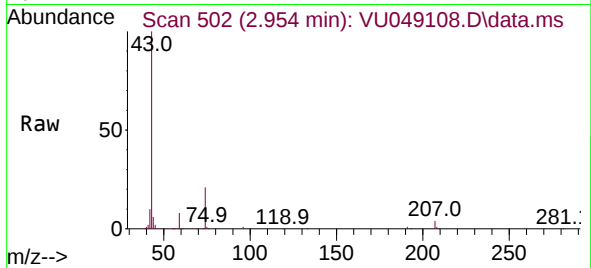




#15
Methyl Acetate
Concen: 25.090 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

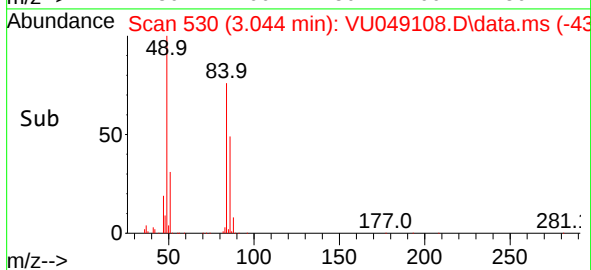
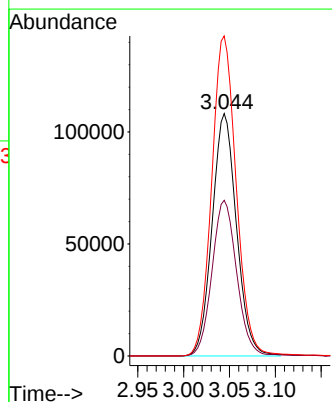
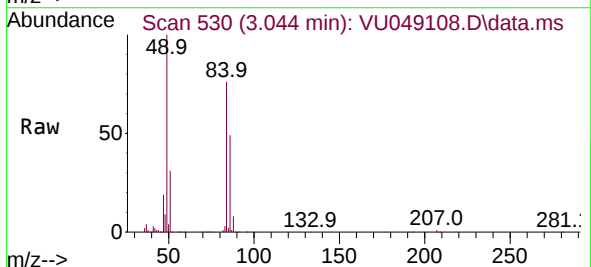
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

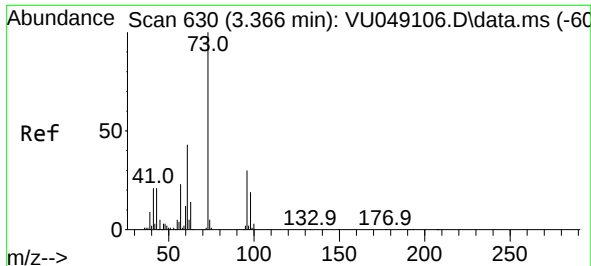
Tgt Ion: 43 Resp: 107585
Ion Ratio Lower Upper
43 100
74 21.2 17.6 26.4



#16
Methylene chloride
Concen: 18.572 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 84 Resp: 199825
Ion Ratio Lower Upper
84 100
86 64.3 43.6 81.0
49 132.0 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 22.819 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD020036

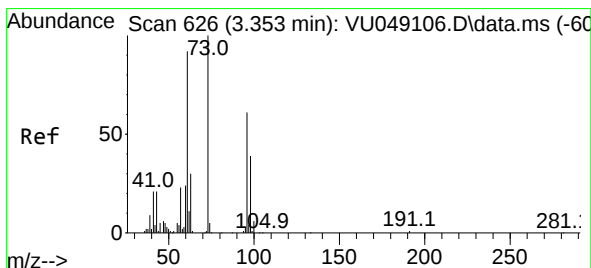
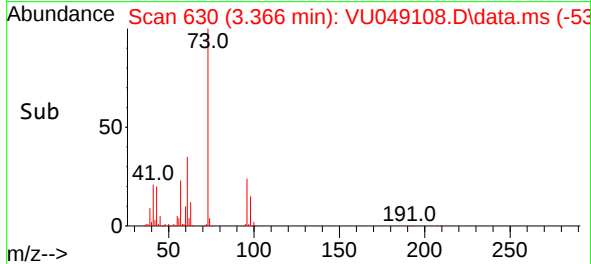
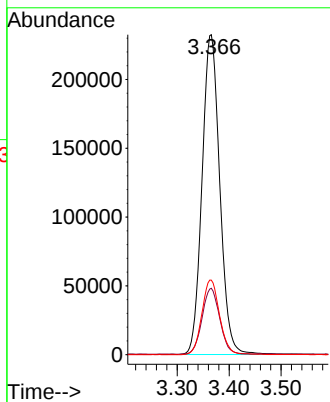
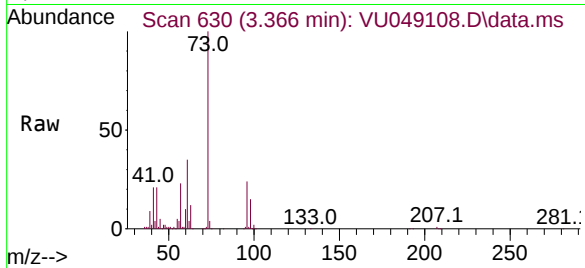
Tgt Ion: 73 Resp: 550425

Ion Ratio Lower Upper

73 100

43 20.6 16.5 24.7

57 23.3 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 20.145 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

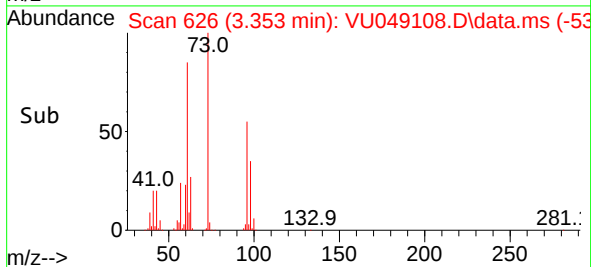
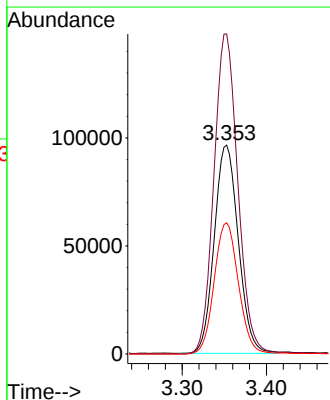
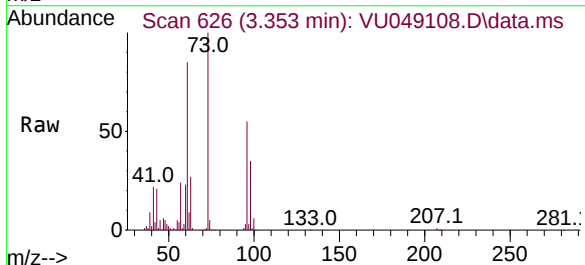
Tgt Ion: 96 Resp: 190971

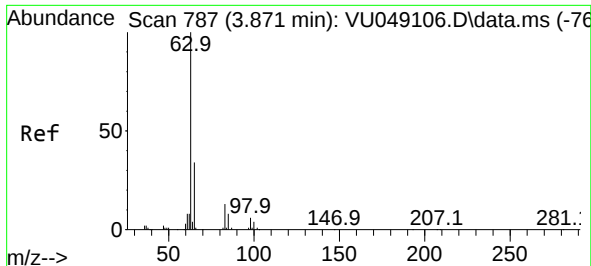
Ion Ratio Lower Upper

96 100

61 153.2 103.3 191.9

98 62.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 21.123 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD020036

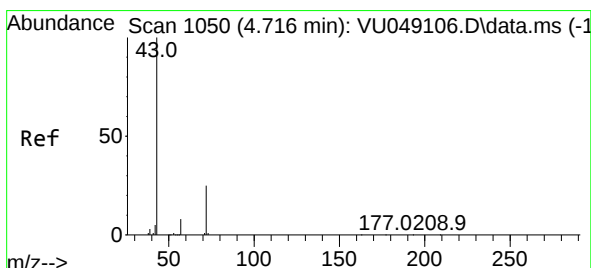
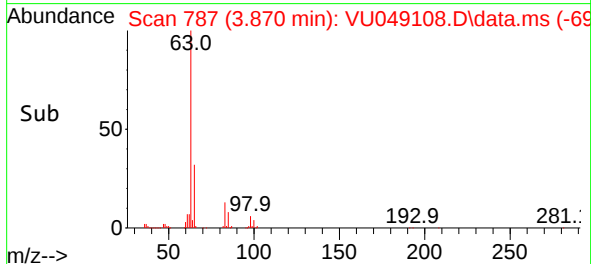
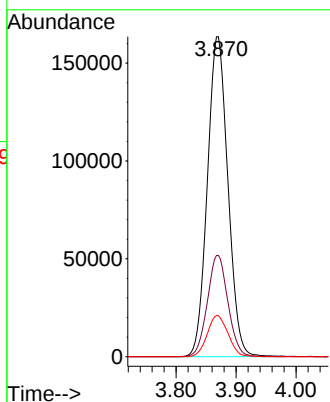
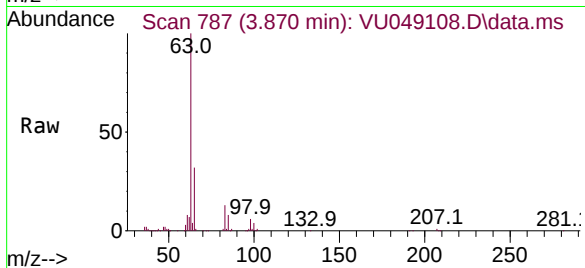
Tgt Ion: 63 Resp: 388451

Ion Ratio Lower Upper

63 100

65 31.7 24.0 44.6

83 12.8 9.1 16.9



#21

2-Butanone

Concen: 268.337 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU049108.D

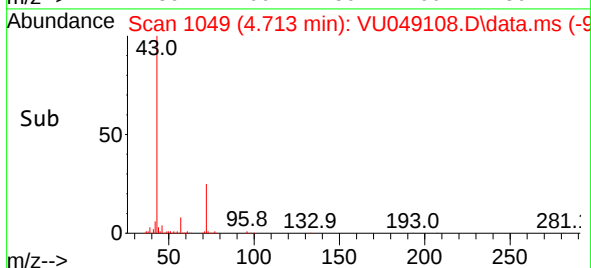
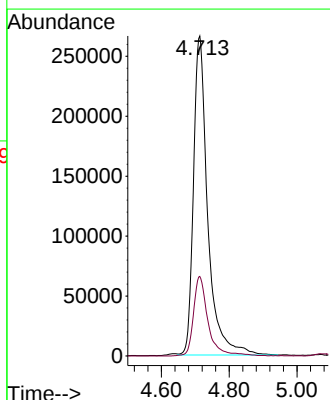
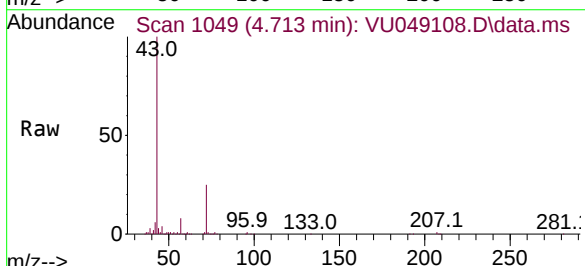
Acq: 14 Jun 2022 12:18

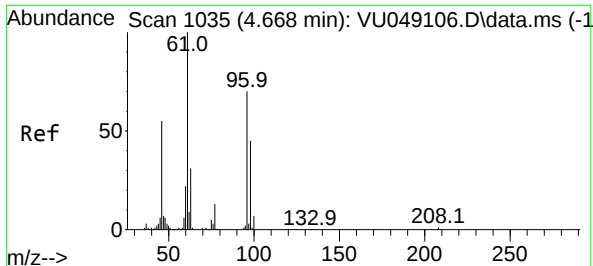
Tgt Ion: 43 Resp: 776965

Ion Ratio Lower Upper

43 100

72 24.7 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 19.291 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD020036

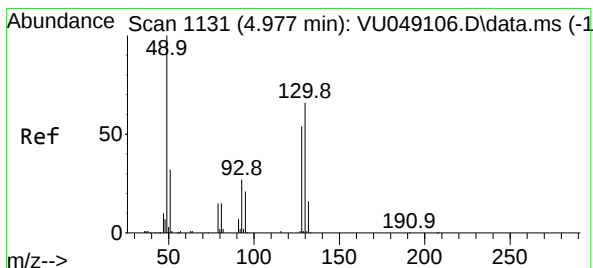
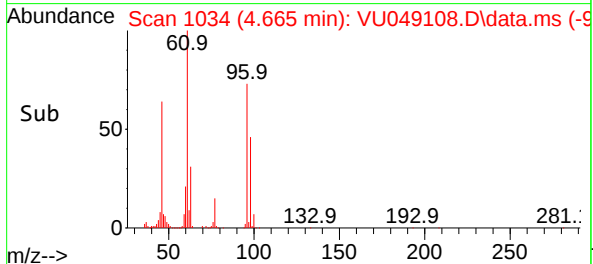
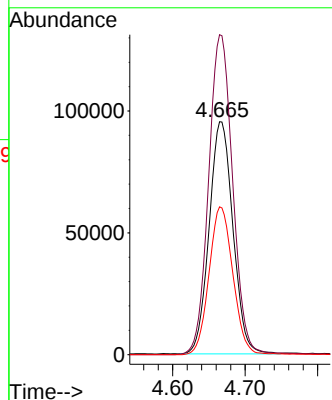
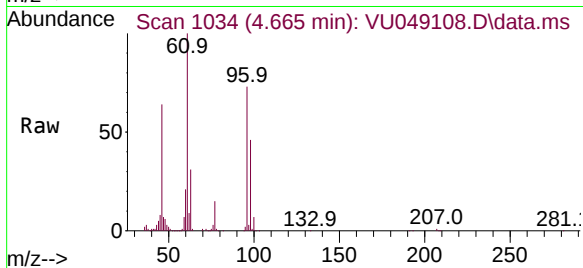
Tgt Ion: 96 Resp: 217549

Ion Ratio Lower Upper

96 100

61 137.4 99.5 184.9

98 63.5 44.8 83.2



#23

Bromochloromethane

Concen: 19.603 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Tgt Ion:128 Resp: 94854

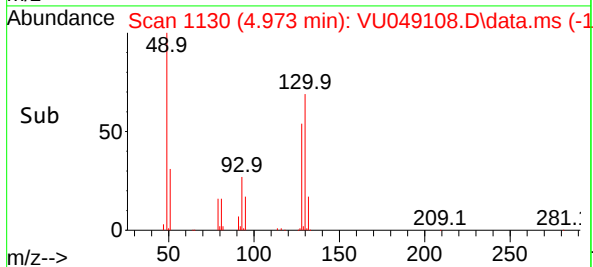
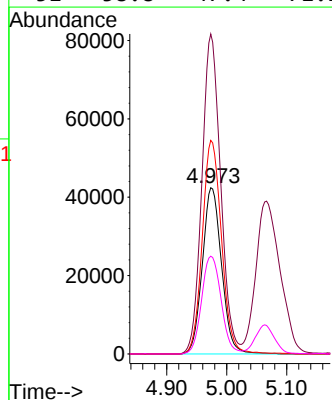
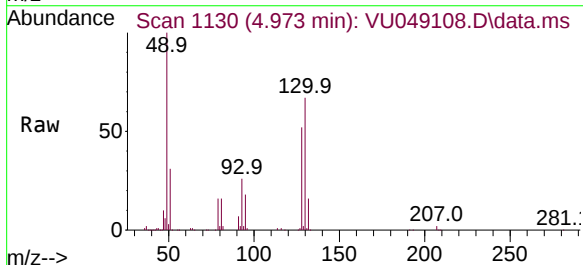
Ion Ratio Lower Upper

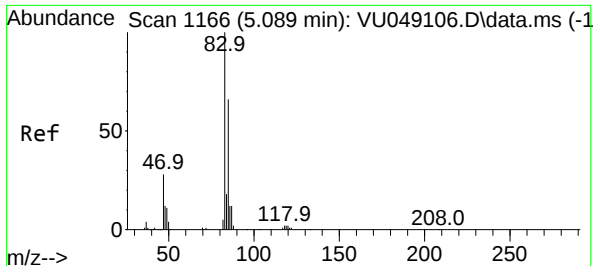
128 100

49 192.5 131.6 244.4

130 128.5 86.9 161.5

51 58.8 47.4 71.2





#25

Chloroform

Concen: 19.800 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

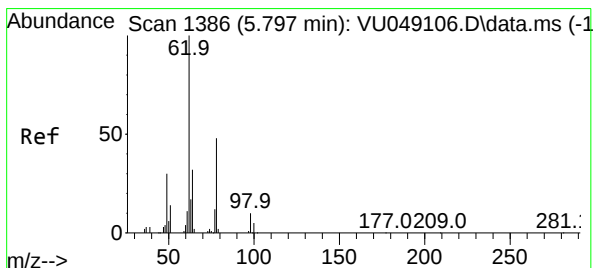
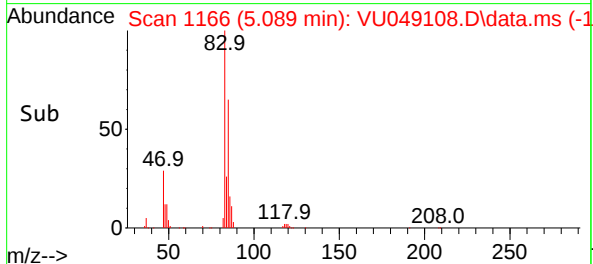
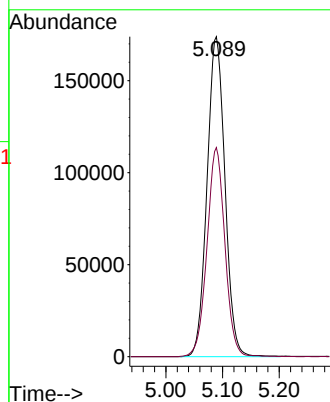
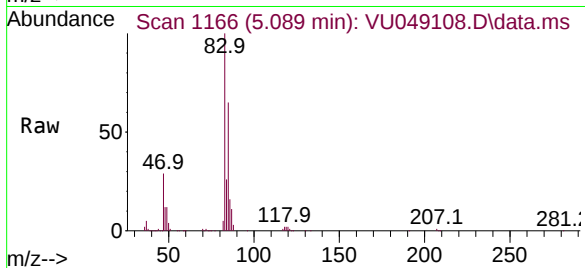
VSTD020036

Tgt Ion: 83 Resp: 382174

Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 19.851 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049108.D

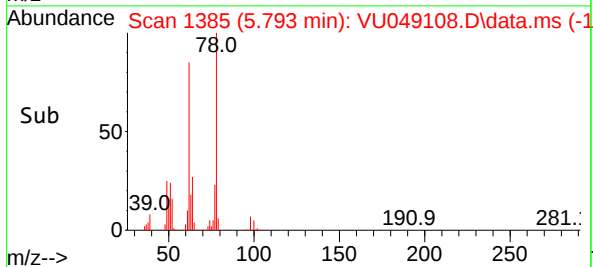
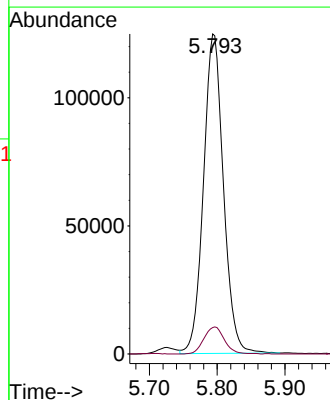
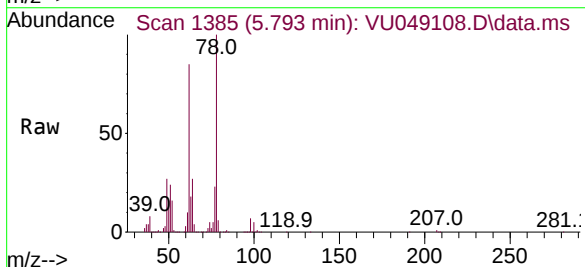
Acq: 14 Jun 2022 12:18

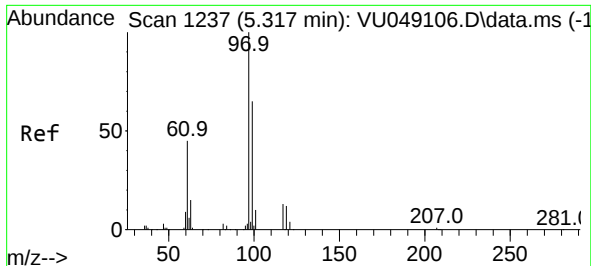
Tgt Ion: 62 Resp: 255045

Ion Ratio Lower Upper

62 100

98 8.2 7.6 11.4

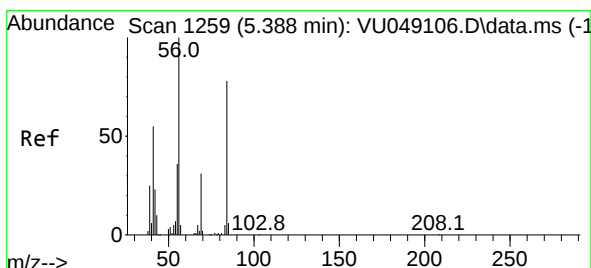
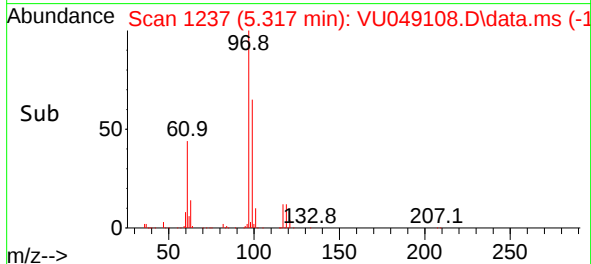
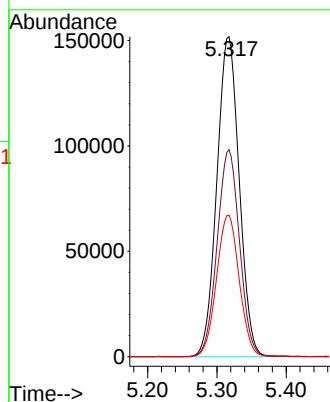
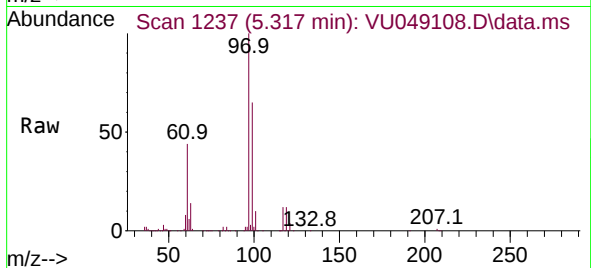




#29
1,1,1-Trichloroethane
Concen: 20.917 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

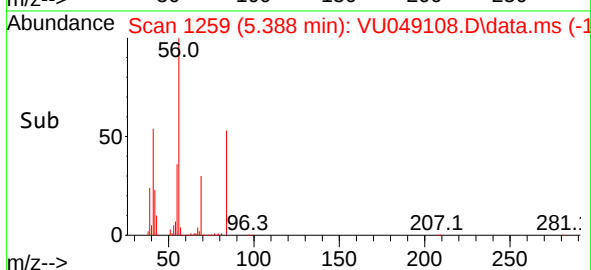
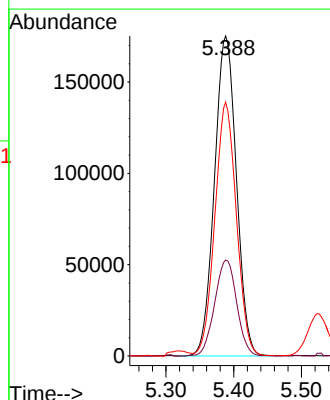
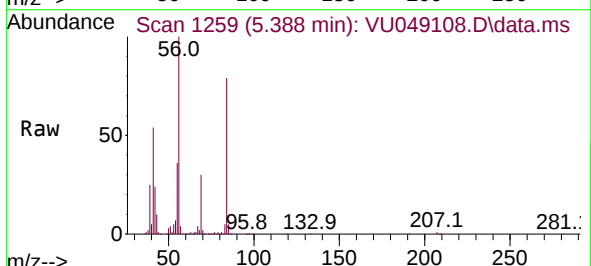
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

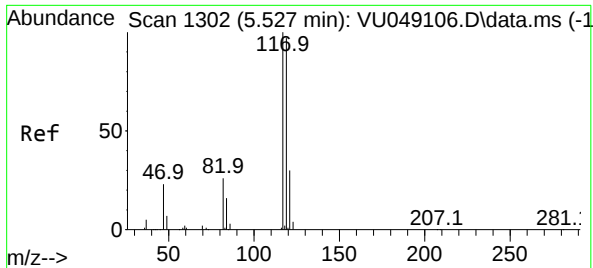
Tgt Ion: 97 Resp: 341154
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 45.0 36.2 54.4



#30
Cyclohexane
Concen: 26.550 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 56 Resp: 394584
Ion Ratio Lower Upper
56 100
69 30.1 23.8 35.6
84 77.7 61.2 91.8

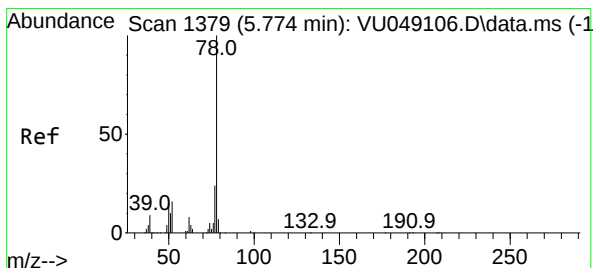
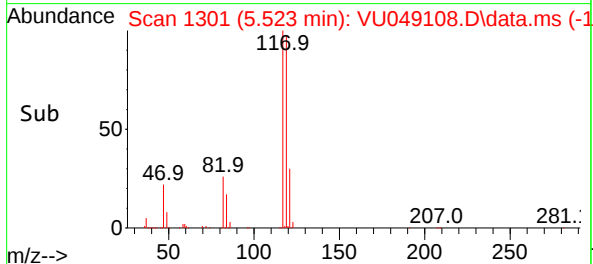
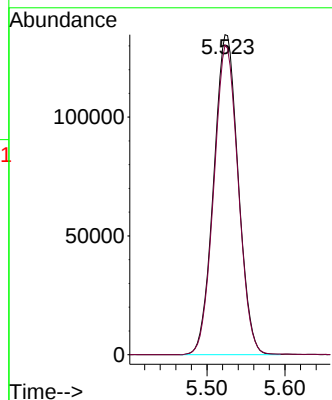
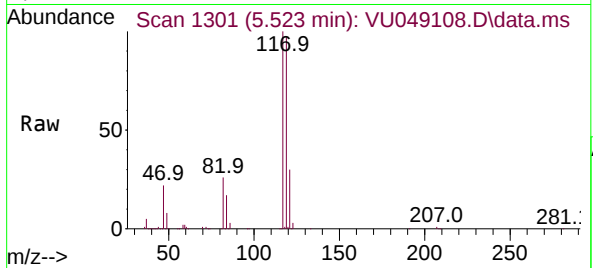




#31
Carbon tetrachloride
Concen: 20.594 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

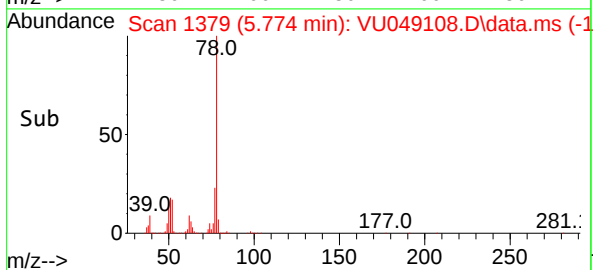
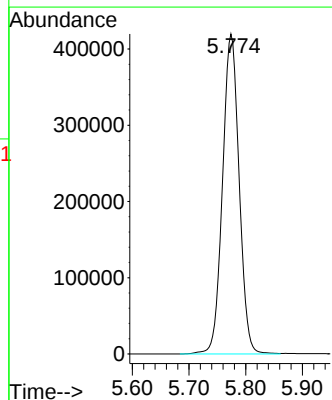
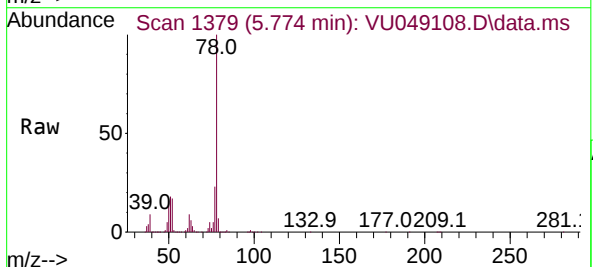
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

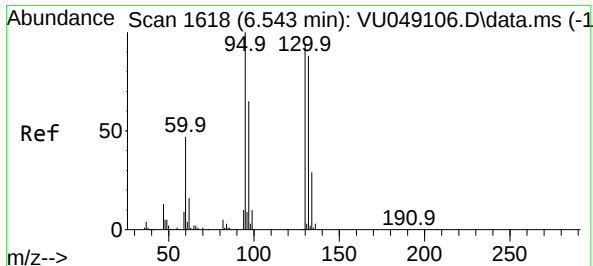
Tgt Ion:117 Resp: 294691
Ion Ratio Lower Upper
117 100
119 96.0 78.3 117.5



#33
Benzene
Concen: 21.906 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 78 Resp: 853754

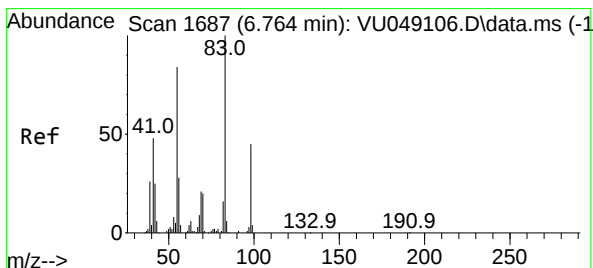
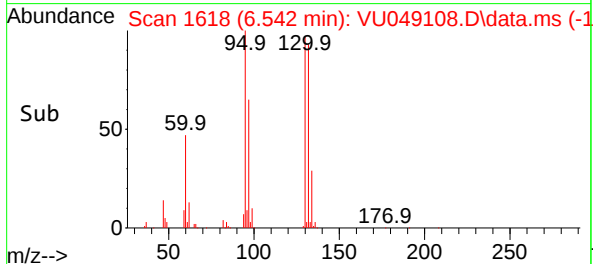
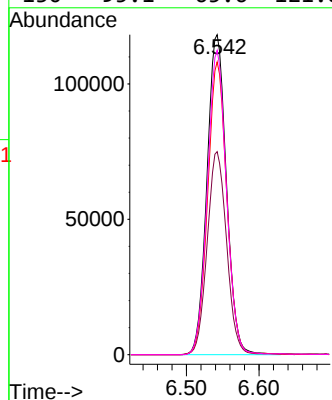
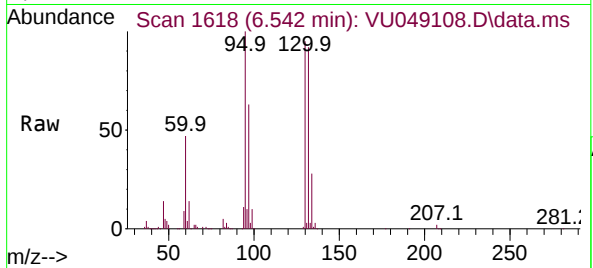




#34
Trichloroethene
Concen: 21.952 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

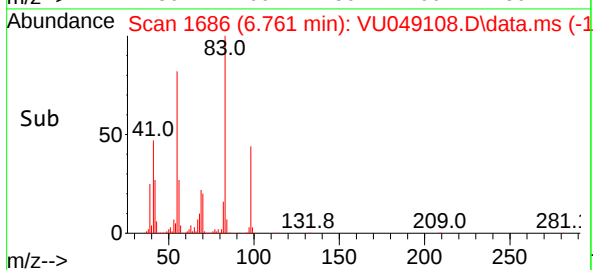
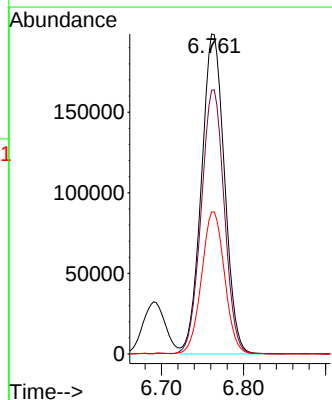
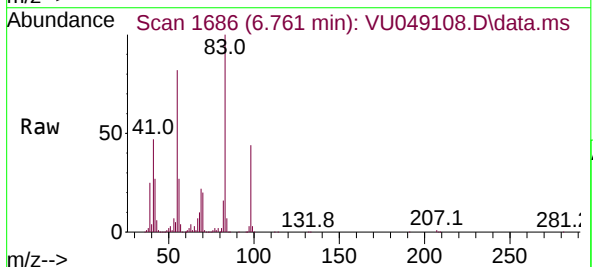
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

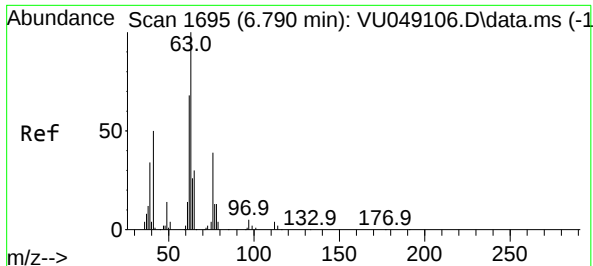
Tgt Ion: 95 Resp: 220565
Ion Ratio Lower Upper
95 100
97 63.5 45.3 84.1
132 91.5 61.5 114.3
130 95.1 65.6 121.8



#35
Methylcyclohexane
Concen: 25.473 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 83 Resp: 387911
Ion Ratio Lower Upper
83 100
55 82.3 66.9 100.3
98 44.4 35.5 53.3

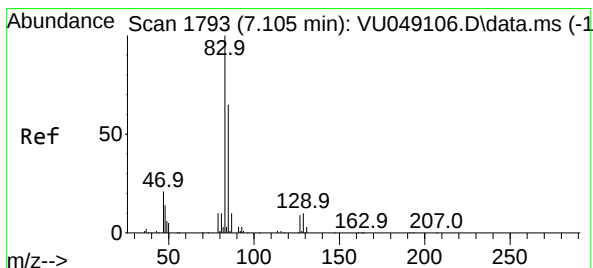
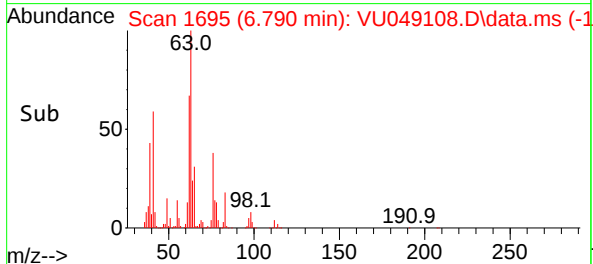
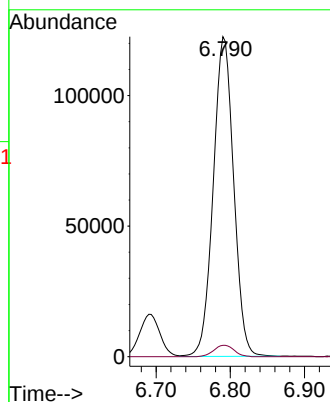
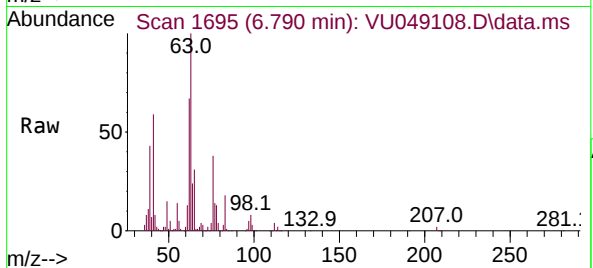




#37
1,2-Dichloropropane
Concen: 22.744 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

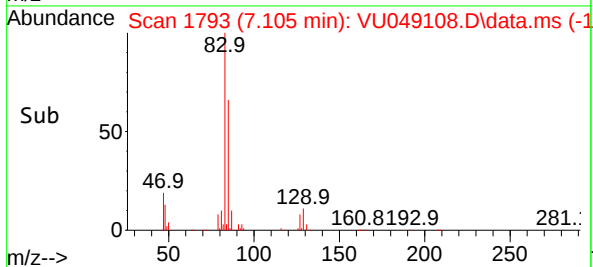
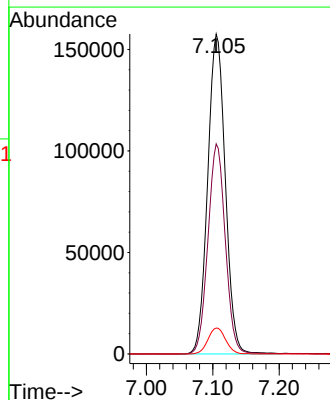
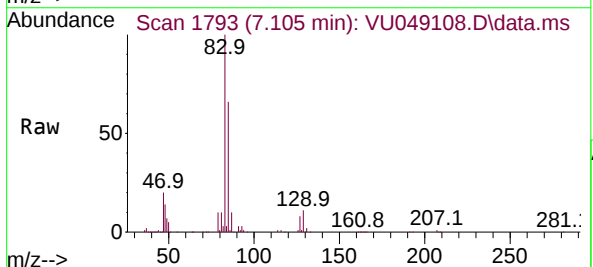
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

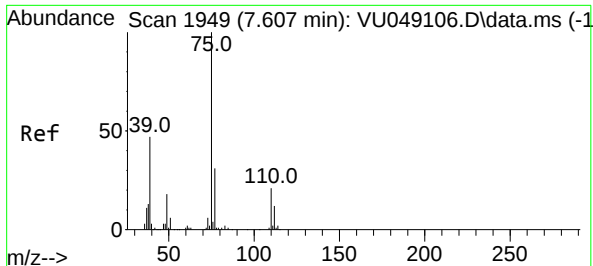
Tgt Ion: 63 Resp: 233603
Ion Ratio Lower Upper
63 100
112 3.6 2.8 4.2



#38
Bromodichloromethane
Concen: 21.483 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 83 Resp: 291143
Ion Ratio Lower Upper
83 100
85 65.6 45.5 84.5
127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.116 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

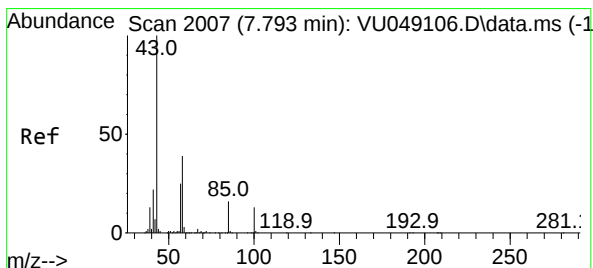
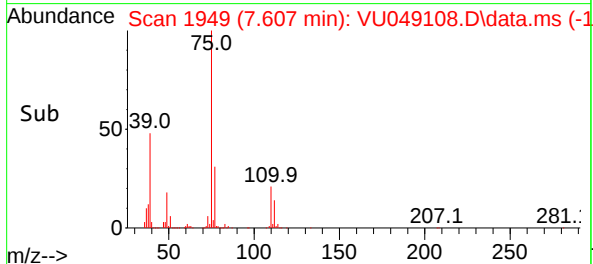
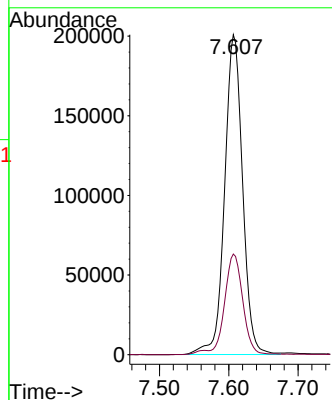
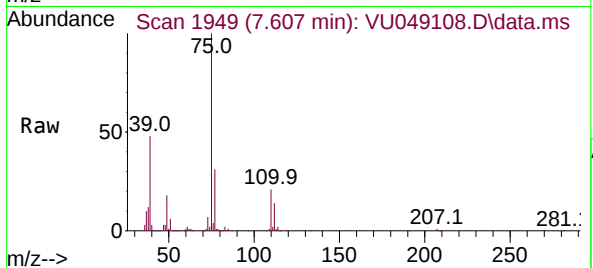
VSTD020036

Tgt Ion: 75 Resp: 361441

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 271.258 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

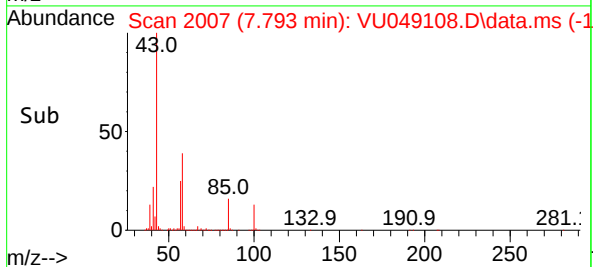
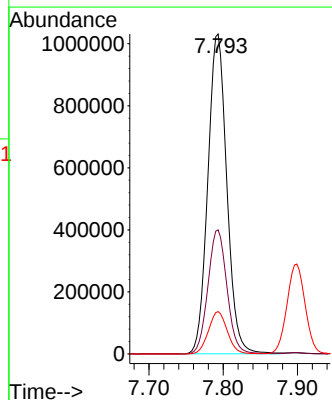
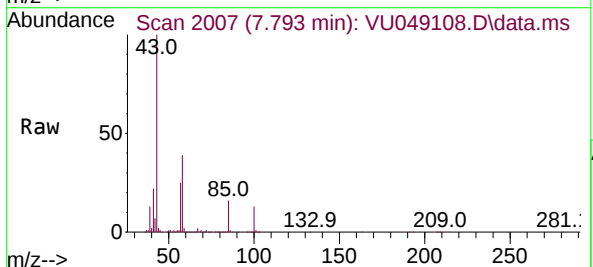
Tgt Ion: 43 Resp: 1830305

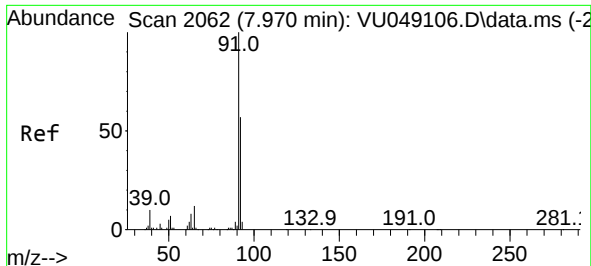
Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2

100 13.2 10.5 15.7





#42

Toluene

Concen: 22.738 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

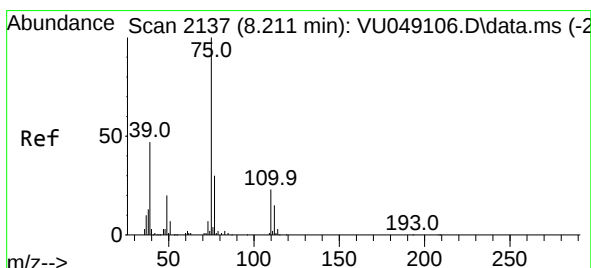
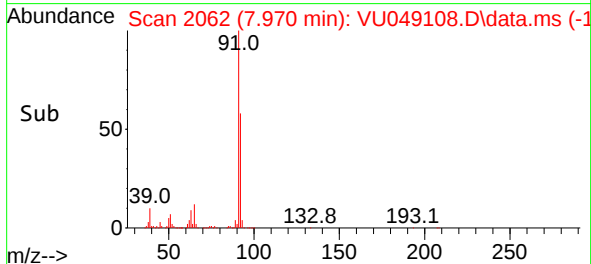
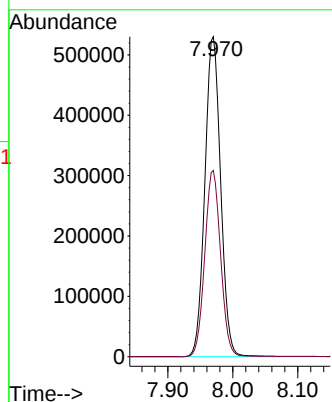
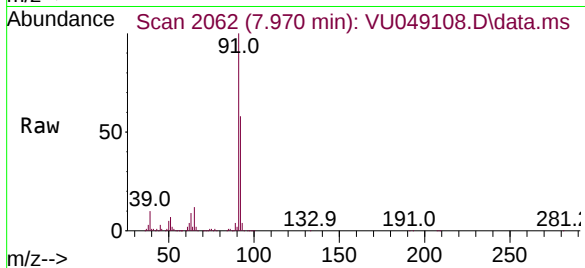
VSTD020036

Tgt Ion: 91 Resp: 897759

Ion Ratio Lower Upper

91 100

92 58.2 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 24.557 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049108.D

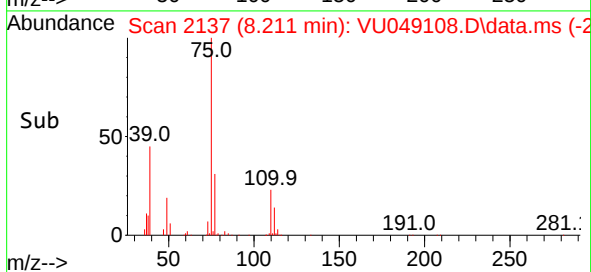
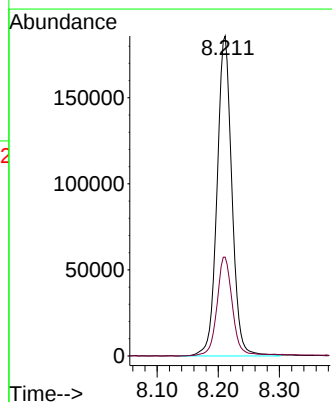
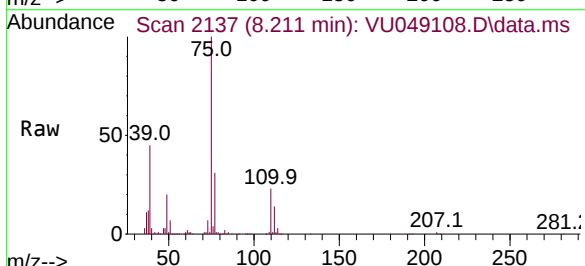
Acq: 14 Jun 2022 12:18

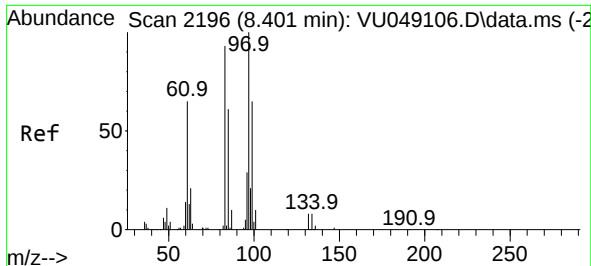
Tgt Ion: 75 Resp: 313793

Ion Ratio Lower Upper

75 100

77 30.9 21.1 39.3



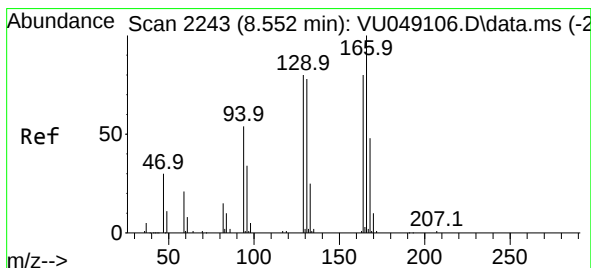
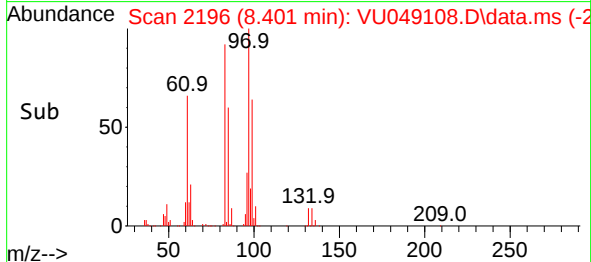
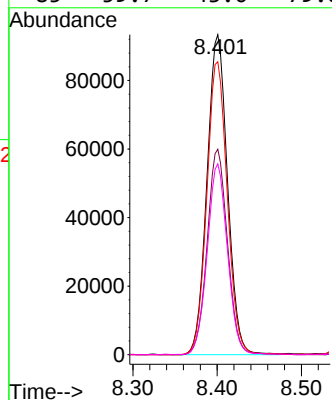
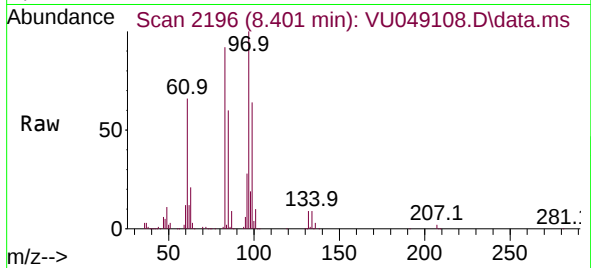


#45
1,1,2-Trichloroethane
Concen: 21.870 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

Tgt Ion: 97 Resp: 158570

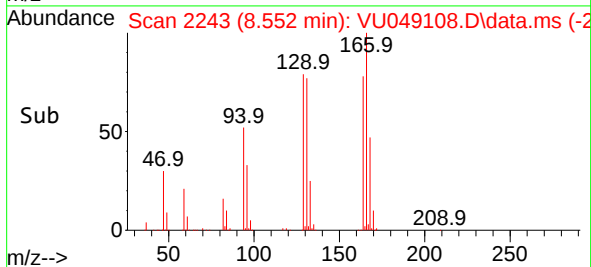
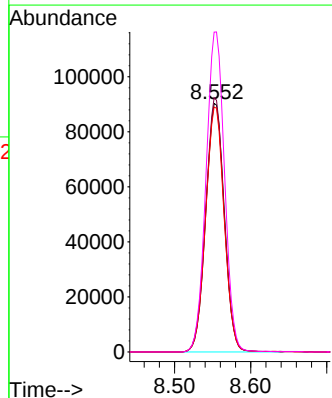
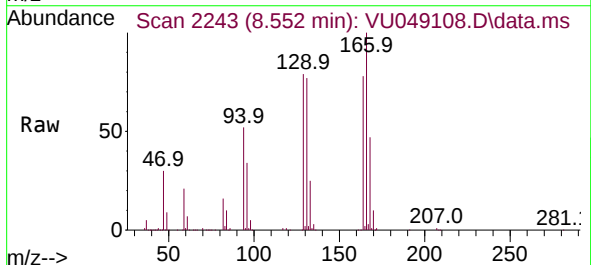
Ion	Ratio	Lower	Upper
97	100		
99	64.2	45.6	84.8
83	91.6	65.4	121.4
85	59.7	43.0	79.8

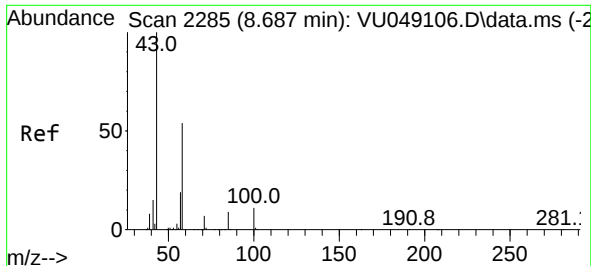


#47
Tetrachloroethene
Concen: 19.849 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 164 Resp: 154151

Ion	Ratio	Lower	Upper
164	100		
129	102.3	69.8	129.6
131	98.6	67.8	125.8
166	128.8	87.3	162.1



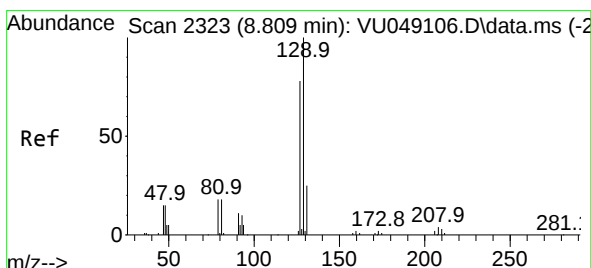
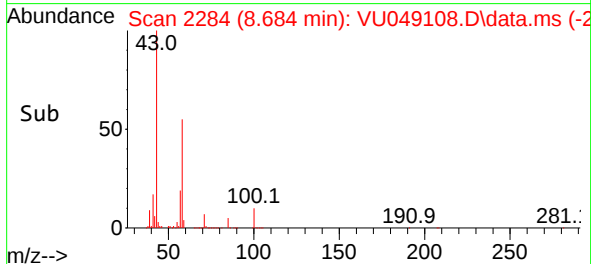
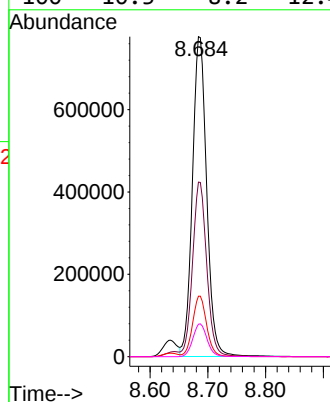
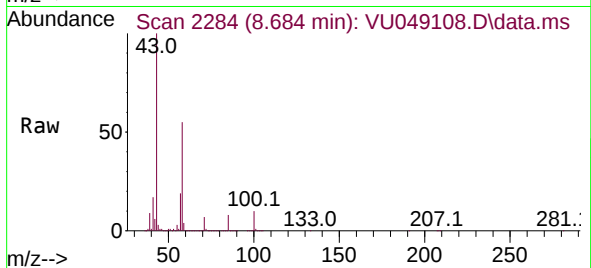


#48
2-Hexanone
Concen: 268.587 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

Tgt Ion: 43 Resp: 1332248

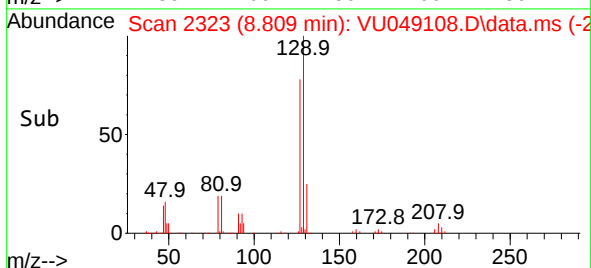
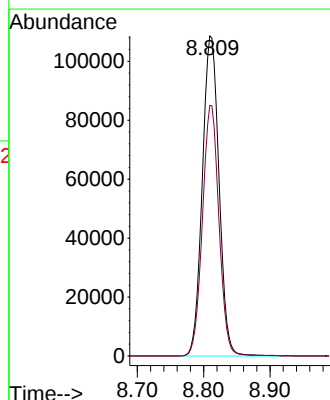
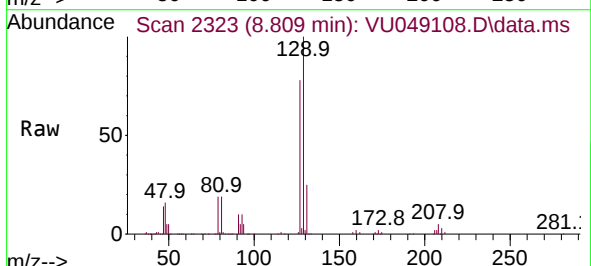
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.4	65.0
57	18.6	14.9	22.3
100	10.3	8.2	12.4

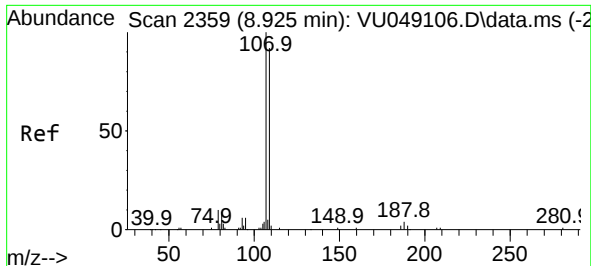


#49
Dibromochloromethane
Concen: 20.929 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 129 Resp: 190083

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.9	101.9





#50

1,2-Dibromoethane

Concen: 21.740 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD020036

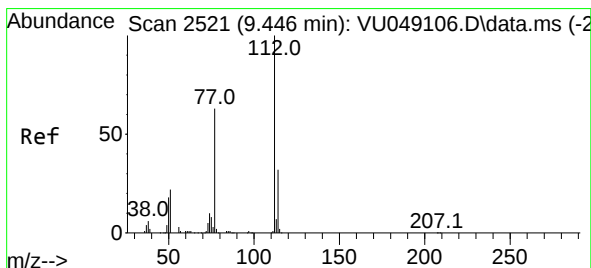
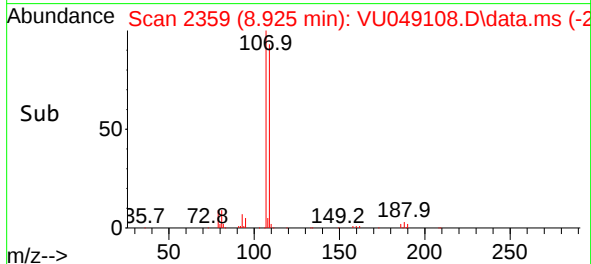
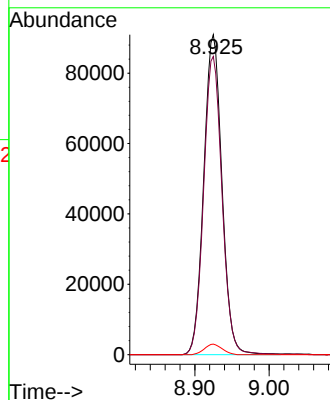
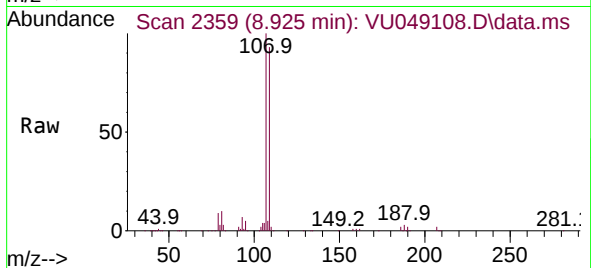
Tgt Ion:107 Resp: 154738

Ion Ratio Lower Upper

107 100

109 93.2 64.4 119.6

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 21.323 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

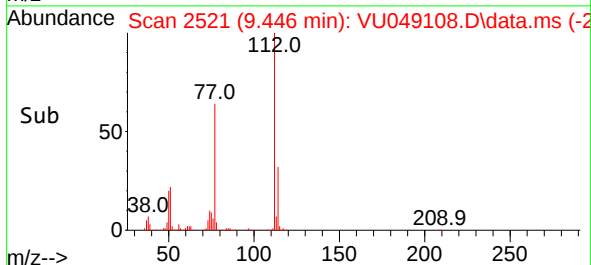
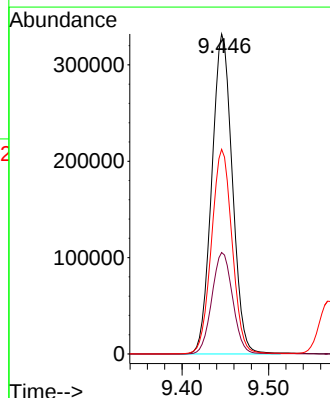
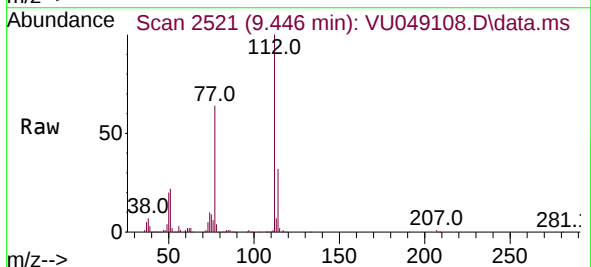
Tgt Ion:112 Resp: 547787

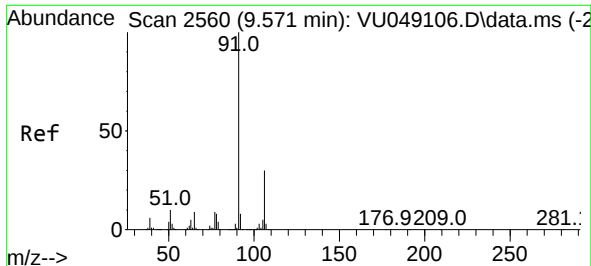
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.3

77 63.9 51.0 76.6

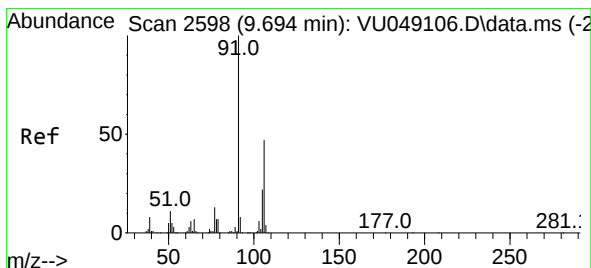
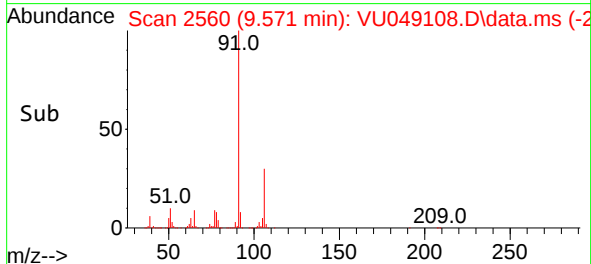
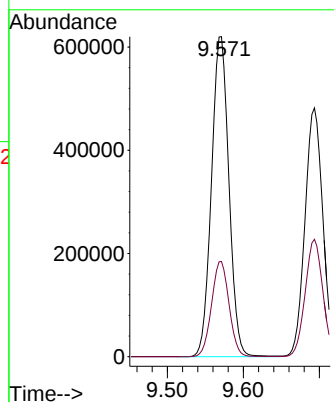
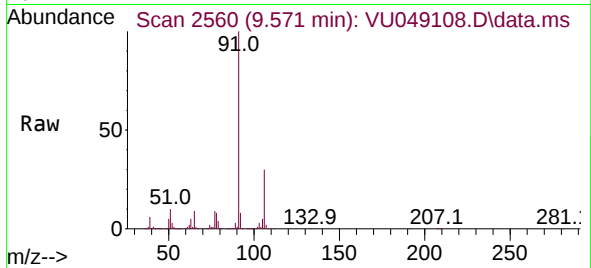




#52
Ethylbenzene
Concen: 24.026 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

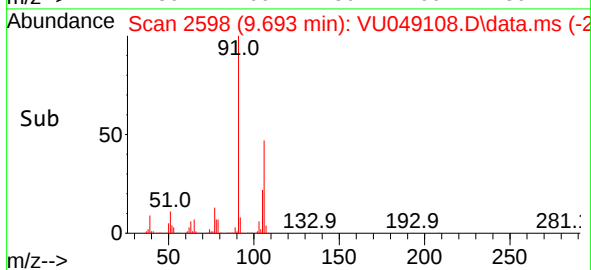
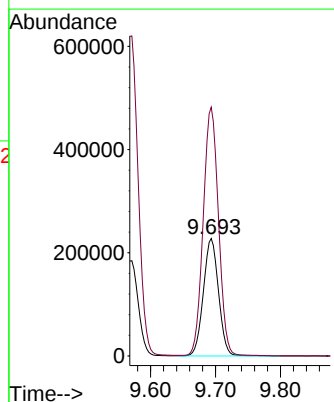
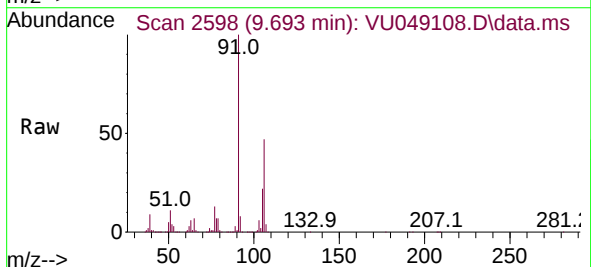
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

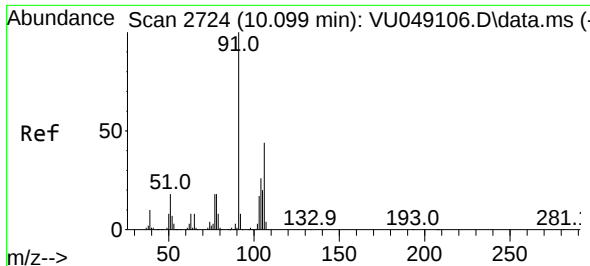
Tgt Ion: 91 Resp: 988324
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 22.498 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion:106 Resp: 369148
Ion Ratio Lower Upper
106 100
91 211.7 148.5 275.7

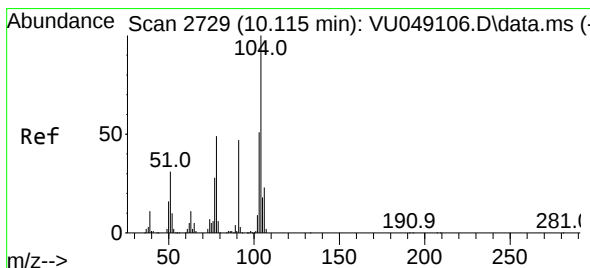
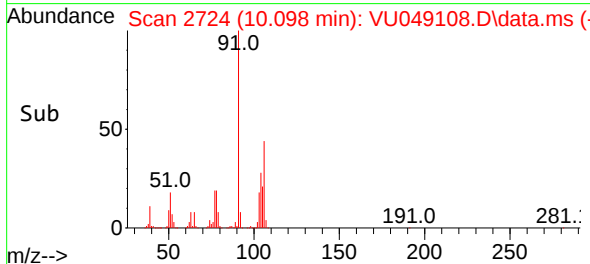
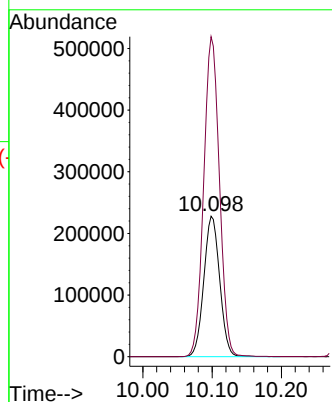
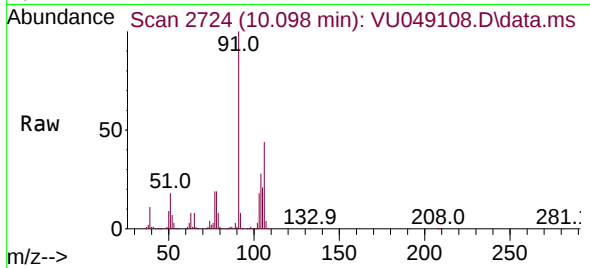




#54
o-Xylene
Concen: 22.711 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

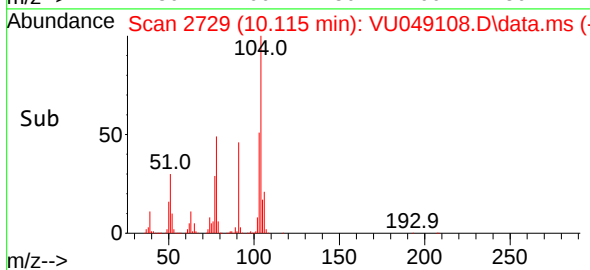
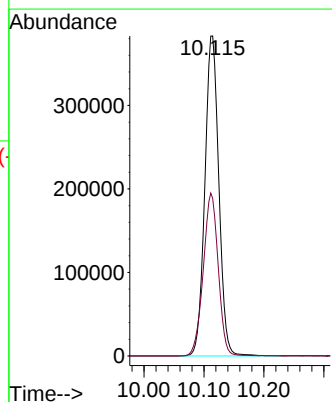
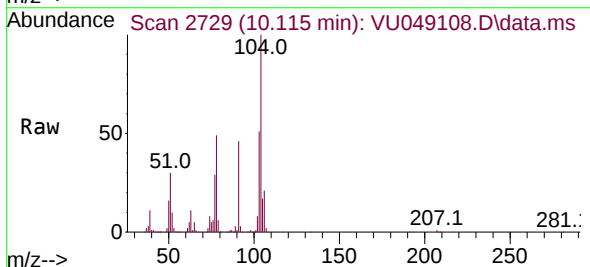
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

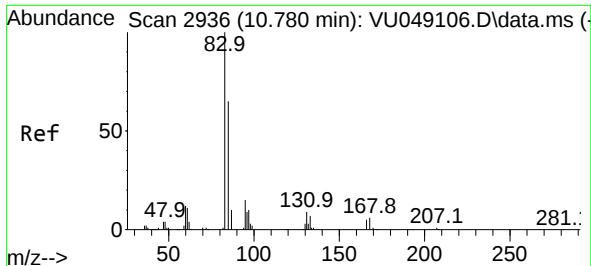
Tgt Ion:106 Resp: 361795
Ion Ratio Lower Upper
106 100
91 227.8 157.5 292.5



#55
Styrene
Concen: 23.492 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion:104 Resp: 622998
Ion Ratio Lower Upper
104 100
78 49.3 34.1 63.3

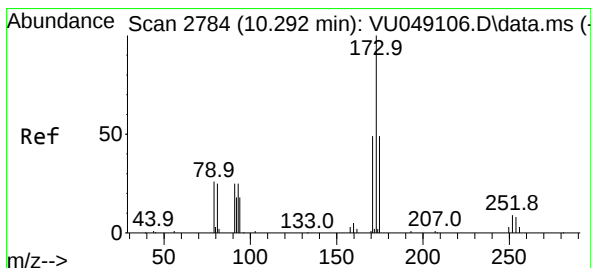
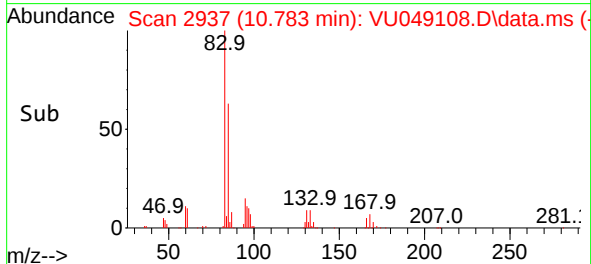
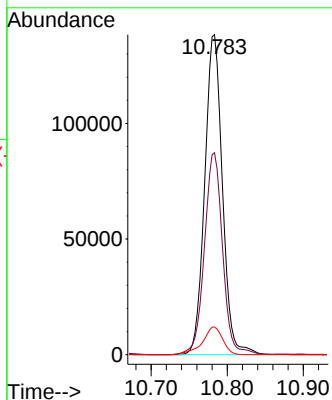
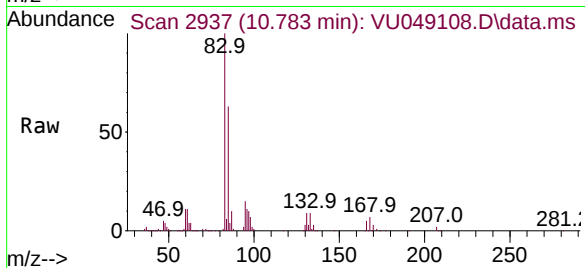




#57
1,1,2,2-Tetrachloroethane
Concen: 23.713 ug/L
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

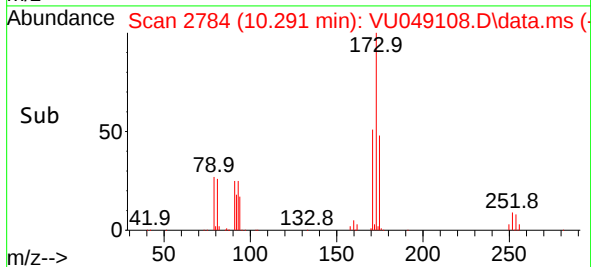
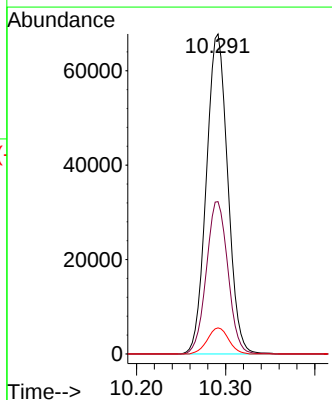
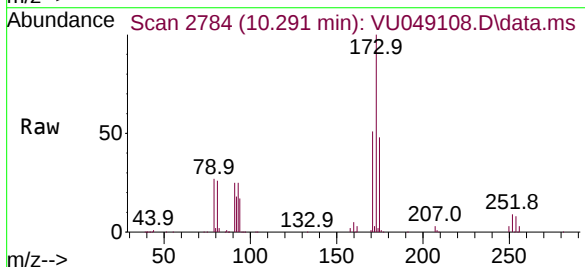
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

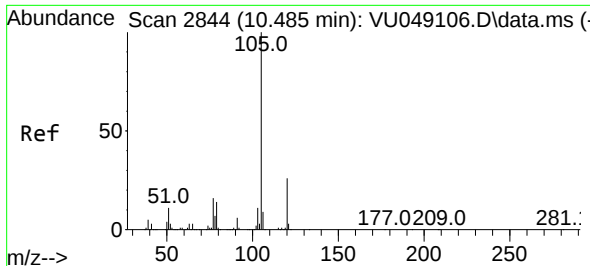
Tgt Ion: 83 Resp: 223882
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.4
131 8.7 7.1 10.7



#59
Bromoform
Concen: 20.852 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 173 Resp: 112907
Ion Ratio Lower Upper
173 100
175 47.9 37.9 56.9
254 8.1 6.6 9.8

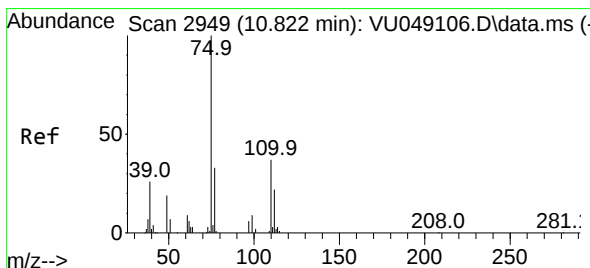
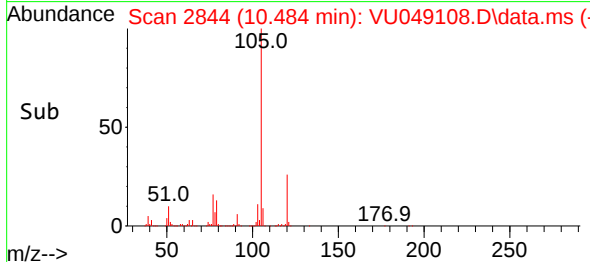
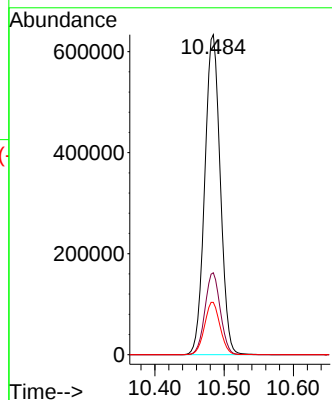
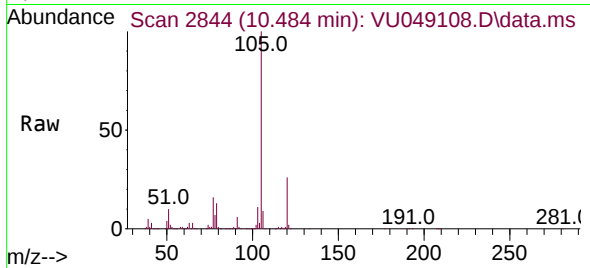




#60
Isopropylbenzene
Concen: 23.671 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

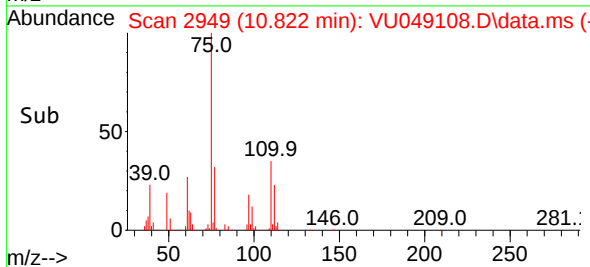
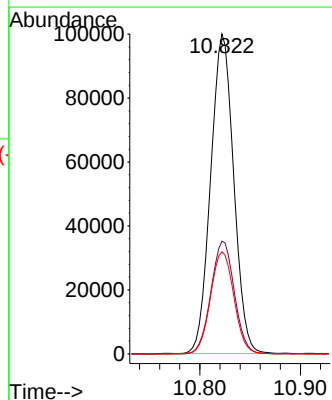
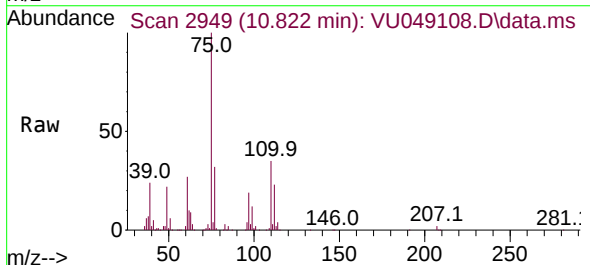
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

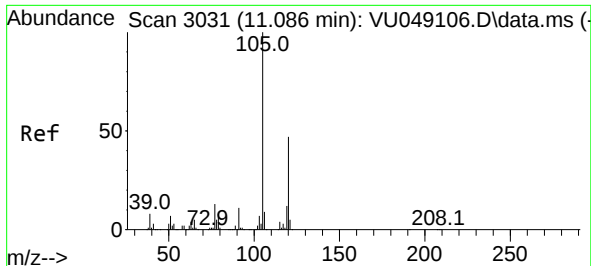
Tgt Ion:105 Resp: 982322
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 22.057 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 75 Resp: 158762
Ion Ratio Lower Upper
75 100
110 35.9 29.0 43.4
77 32.7 26.2 39.2

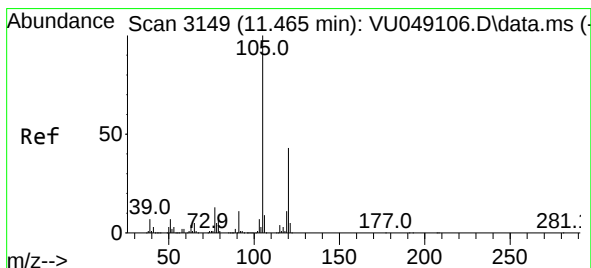
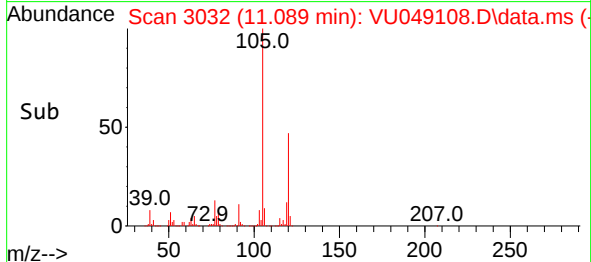
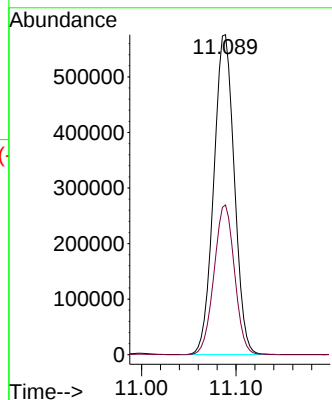
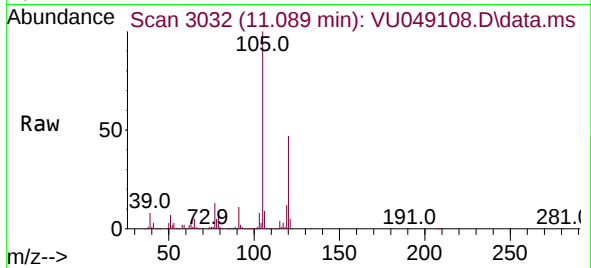




#62
1,3,5-Trimethylbenzene
Concen: 24.730 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

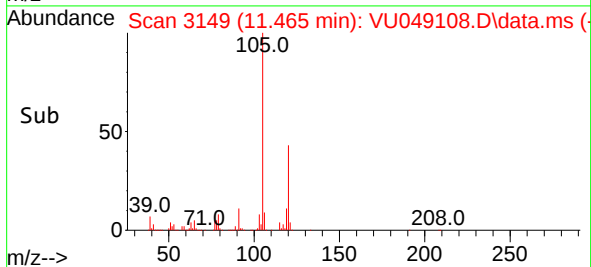
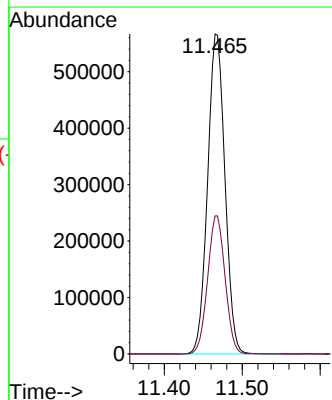
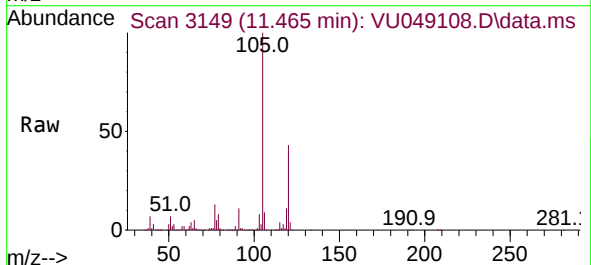
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

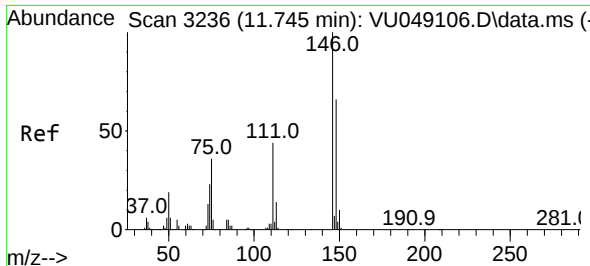
Tgt Ion:105 Resp: 869919
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 24.919 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion:105 Resp: 873936
Ion Ratio Lower Upper
105 100
120 43.5 34.6 52.0

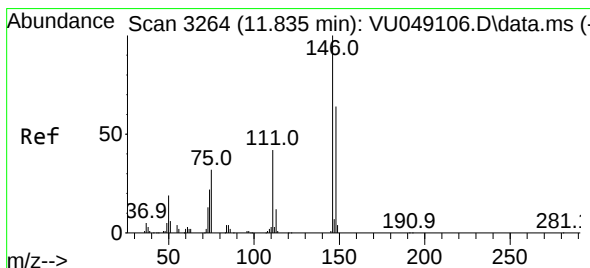
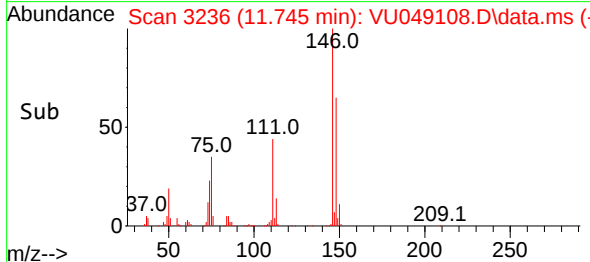
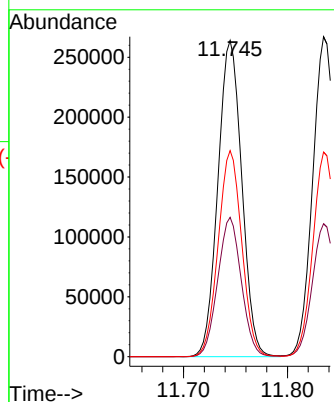
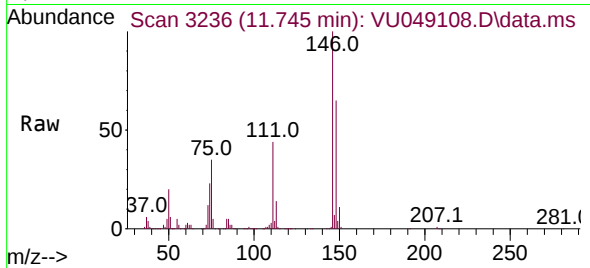




#64
 1,3-Dichlorobenzene
 Concen: 21.014 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049108.D
 Acq: 14 Jun 2022 12:18

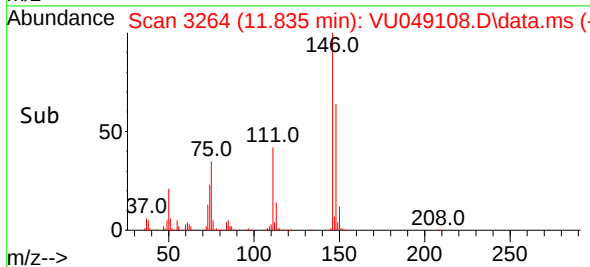
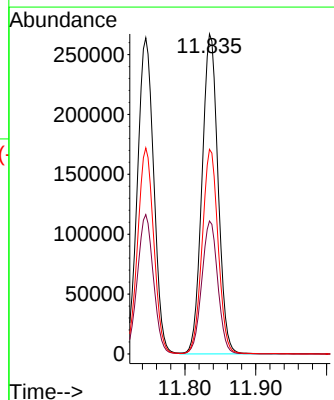
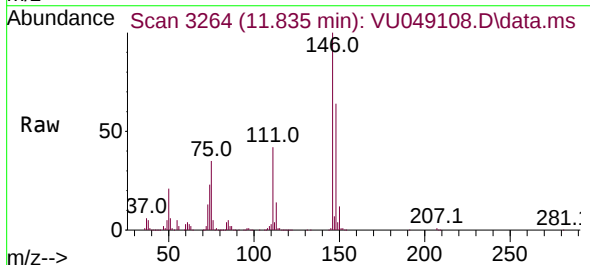
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020036

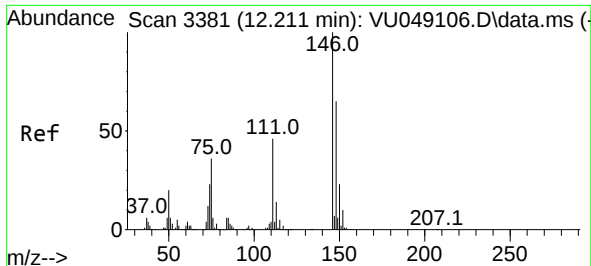
Tgt Ion:146 Resp: 422063
 Ion Ratio Lower Upper
 146 100
 111 44.1 30.9 57.5
 148 65.2 46.1 85.7



#65
 1,4-Dichlorobenzene
 Concen: 21.307 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU049108.D
 Acq: 14 Jun 2022 12:18

Tgt Ion:146 Resp: 418778
 Ion Ratio Lower Upper
 146 100
 111 41.6 29.8 55.4
 148 63.9 44.7 83.1

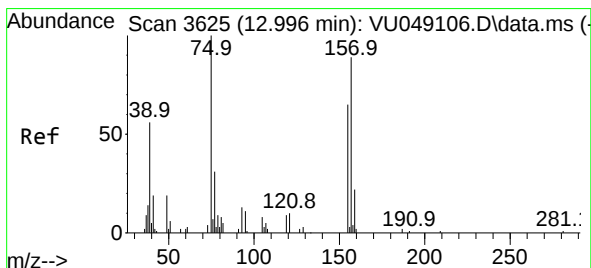
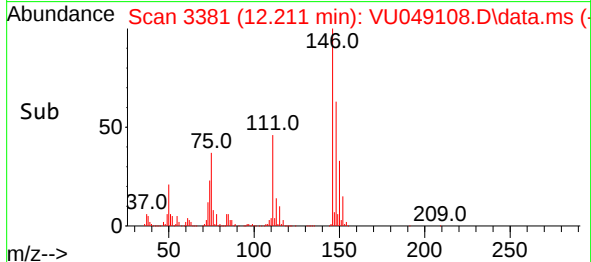
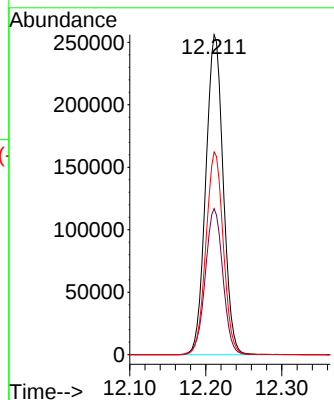
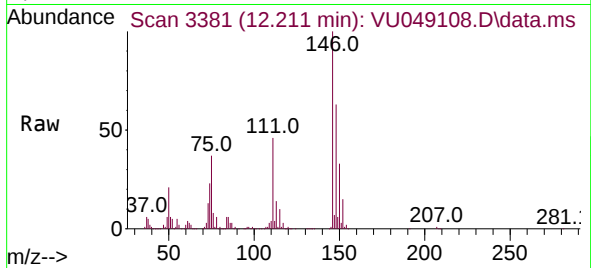




#67
1,2-Dichlorobenzene
Concen: 21.053 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

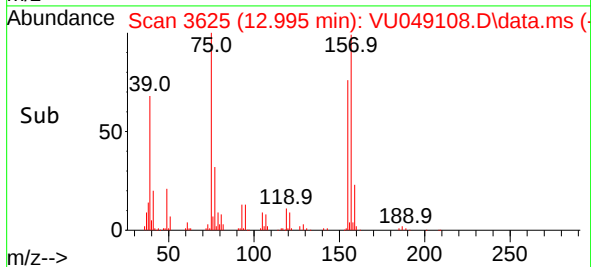
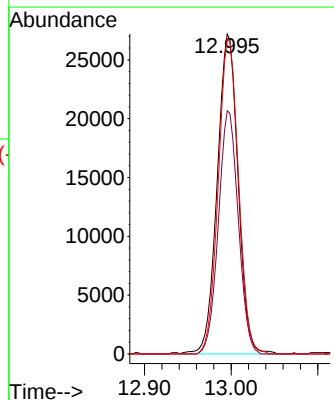
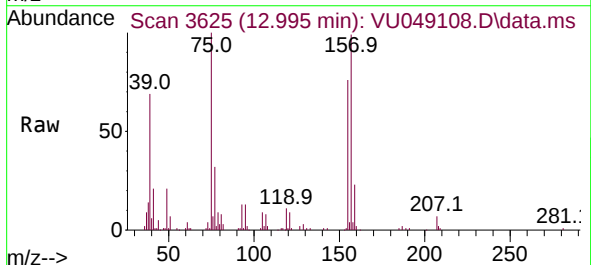
Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

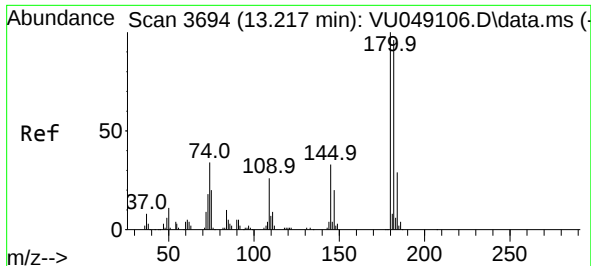
Tgt Ion:146 Resp: 407340
Ion Ratio Lower Upper
146 100
111 45.7 36.6 55.0
148 63.4 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 25.557 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion: 75 Resp: 45399
Ion Ratio Lower Upper
75 100
155 76.0 52.0 78.0
157 98.6 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 22.057 ug/L

RT: 13.217 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD020036

Tgt Ion:180 Resp: 333018

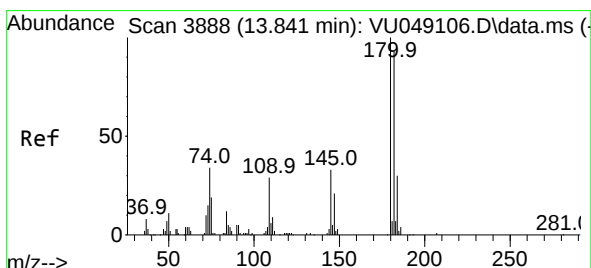
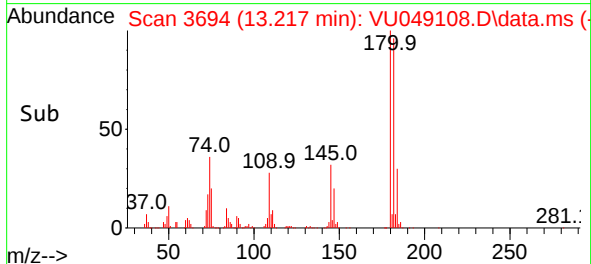
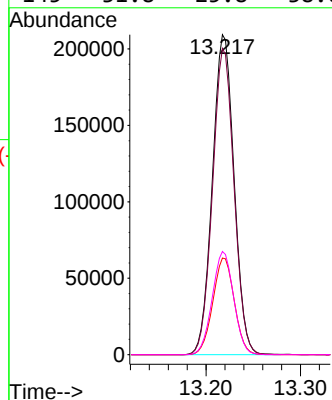
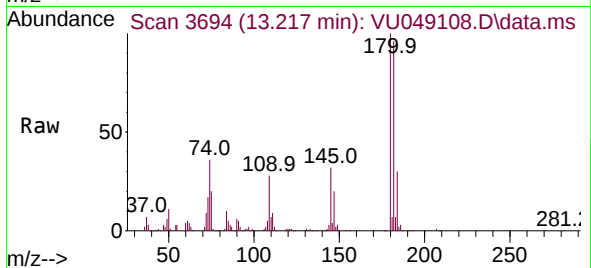
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

184 30.0 23.2 34.8

145 31.8 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 23.887 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU049108.D

Acq: 14 Jun 2022 12:18

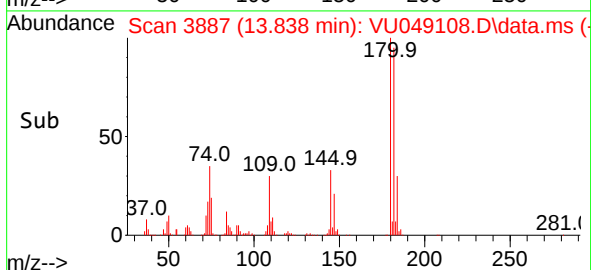
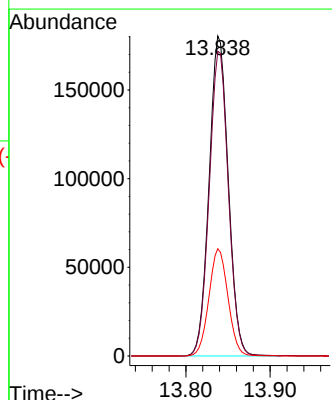
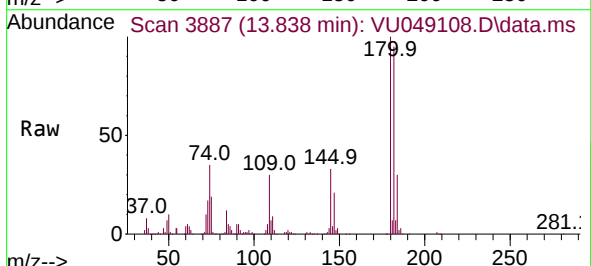
Tgt Ion:180 Resp: 285936

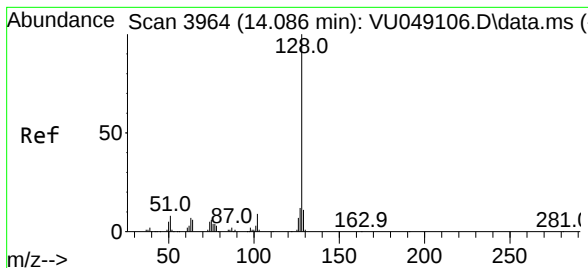
Ion Ratio Lower Upper

180 100

182 94.9 74.6 112.0

145 33.2 26.1 39.1

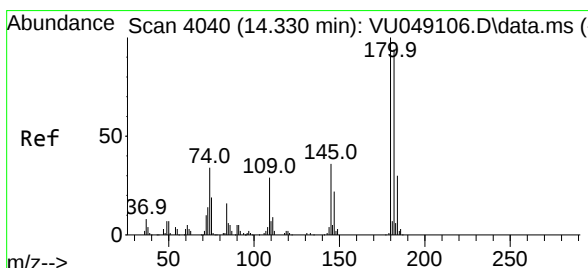
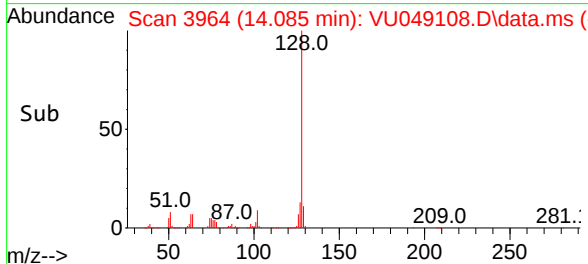
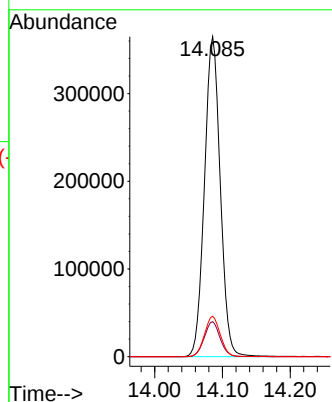
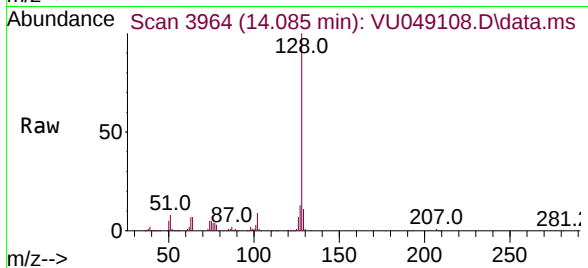




#71
Naphthalene
Concen: 24.448 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD020036

Tgt Ion:128 Resp: 590498
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 23.442 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049108.D
Acq: 14 Jun 2022 12:18

Tgt Ion:180 Resp: 265913
Ion Ratio Lower Upper
180 100
182 95.1 75.6 113.4
145 34.7 27.9 41.9

