

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051811.D
 Acq On : 10 Nov 2022 19:32
 Operator : JC/MD
 Sample : N5571-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MS

Quant Time: Nov 11 00:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	224607	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69574	4.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.906	69	65760	3.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.565	65	27604	4.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.616	46	222564	36.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.660%
24) Chloroform-d	5.060	84	160900	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.700	65	80999	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	5.726	84	315933	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.690	67	105985	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	292661	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.179	79	35982	4.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.629	63	195397	43.229	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	98384	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	106462	5.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88195	3.590	ug/L	99
3) Chloromethane	1.526	50	104559	3.377	ug/L	98
5) Vinyl chloride	1.604	62	110353	3.720	ug/L	85
6) Bromomethane	1.848	94	70548	5.016	ug/L	96
8) Chloroethane	1.928	64	73536	4.083	ug/L	99
9) Trichlorofluoromethane	2.134	101	128902	3.959	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81505	4.258	ug/L	97
12) 1,1-Dichloroethene	2.578	96	77319	3.960	ug/L	99
13) Acetone	2.623	43	166087	53.431	ug/L	98
14) Carbon disulfide	2.790	76	186523	2.963	ug/L	99
15) Methyl Acetate	2.948	43	39967	4.911	ug/L	95
16) Methylene chloride	3.044	84	105271	3.291	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	211682	4.728	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	82496	3.937	ug/L	97
19) 1,1-Dichloroethane	3.867	63	176334	4.562	ug/L	100
21) 2-Butanone	4.697	43	264380	54.311	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	100694	4.343	ug/L	99
23) Bromochloromethane	4.973	128	48943	4.514	ug/L	95
25) Chloroform	5.086	83	188097	4.691	ug/L	98

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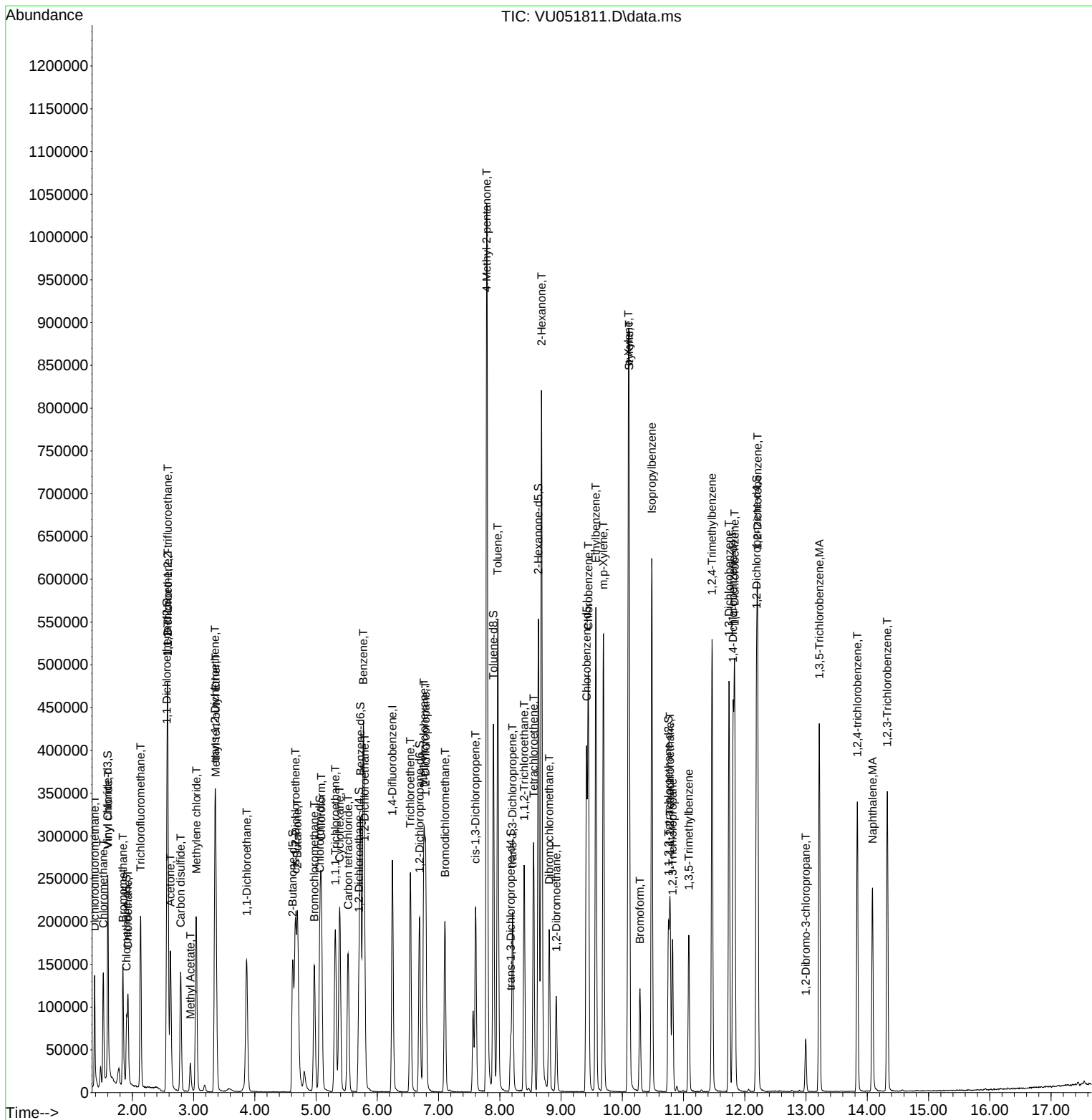
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 ClientSampleId :
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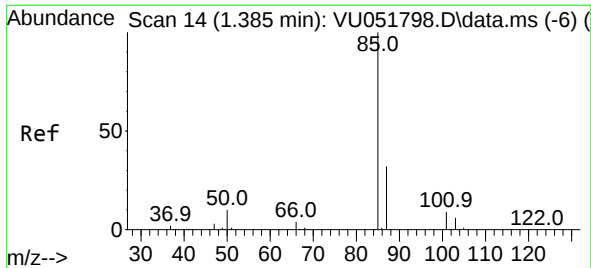
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110570	4.481	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	135265	4.477	ug/L	98
30) Cyclohexane	5.385	56	100558	3.614	ug/L	100
31) Carbon tetrachloride	5.523	117	113424	4.389	ug/L	99
33) Benzene	5.771	78	389983	4.441	ug/L	100
34) Trichloroethene	6.539	95	89967	4.245	ug/L	100
35) Methylcyclohexane	6.761	83	107565	3.671	ug/L	98
37) 1,2-Dichloropropane	6.787	63	107624	4.765	ug/L	99
38) Bromodichloromethane	7.105	83	134975	4.892	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	133865	4.619	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	648371	57.228	ug/L	99
42) Toluene	7.967	91	418069	4.635	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	120051	4.957	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	85496	5.165	ug/L	99
47) Tetrachloroethene	8.552	164	67797	4.177	ug/L	95
48) 2-Hexanone	8.681	43	481084	57.366	ug/L	99
49) Dibromochloromethane	8.806	129	97984	5.182	ug/L	99
50) 1,2-Dibromoethane	8.922	107	74434	4.984	ug/L	95
51) Chlorobenzene	9.446	112	267441	4.711	ug/L	99
52) Ethylbenzene	9.568	91	395600	4.546	ug/L	100
53) m,p-Xylene	9.693	106	157301	4.654	ug/L	98
54) o-Xylene	10.098	106	157945	4.781	ug/L	98
55) Styrene	10.111	104	274970	4.979	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	115265	5.616	ug/L	99
59) Bromoform	10.288	173	56178	5.319	ug/L	96
60) Isopropylbenzene	10.481	105	393845	4.719	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	77639	5.252	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	101054	4.498	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	293666	4.533	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	203398	4.896	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	200141	4.805	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	201352	4.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	16354	5.373	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	137246	4.635	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	106207	4.672	ug/L	98
71) Naphthalene	14.085	128	198892	4.687	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	109733	4.780	ug/L	100

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

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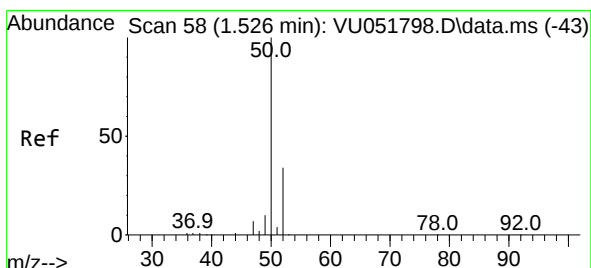
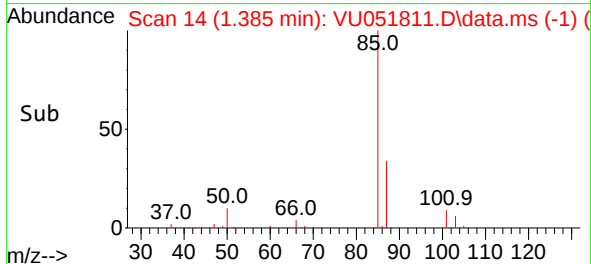
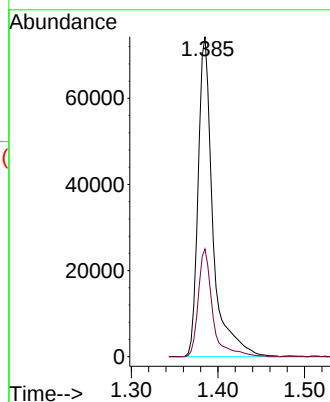
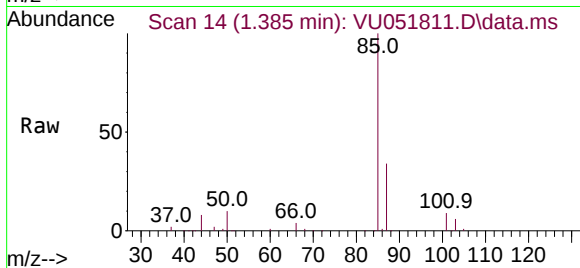




#2
Dichlorodifluoromethane
Concen: 3.590 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

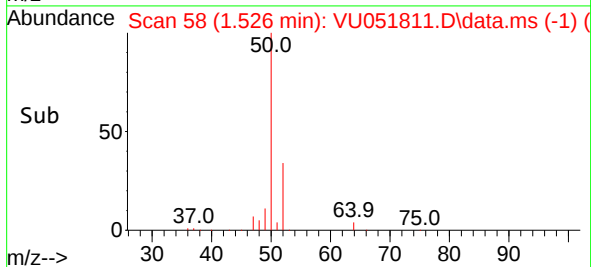
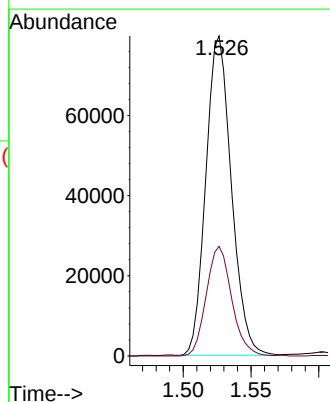
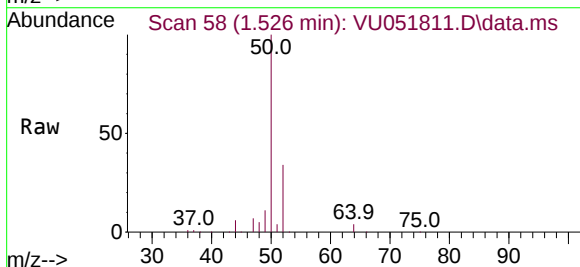
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ClientSampleId :
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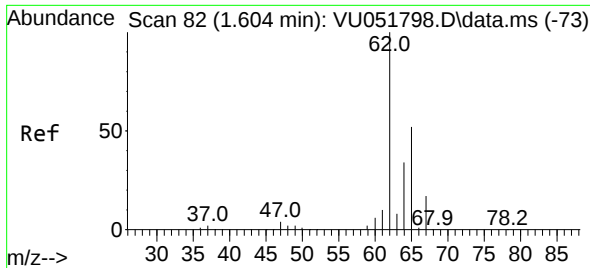
Tgt Ion: 85 Resp: 88195
Ion Ratio Lower Upper
85 100
87 32.9 25.7 38.5



#3
Chloromethane
Concen: 3.377 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 50 Resp: 104559
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.2

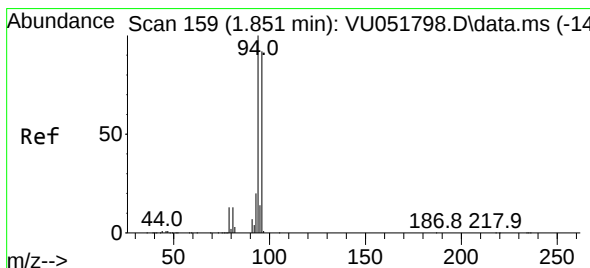
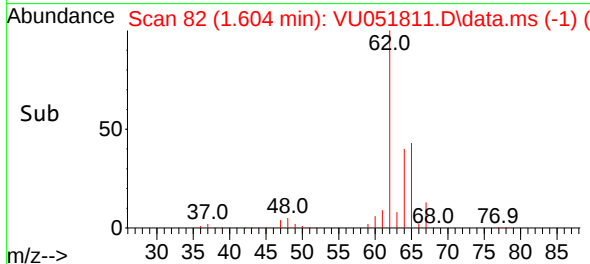
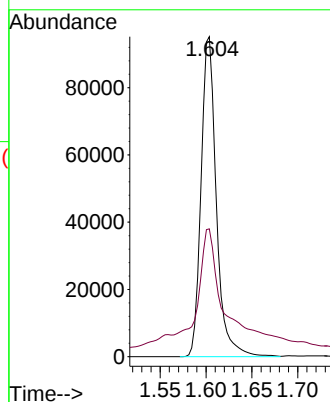
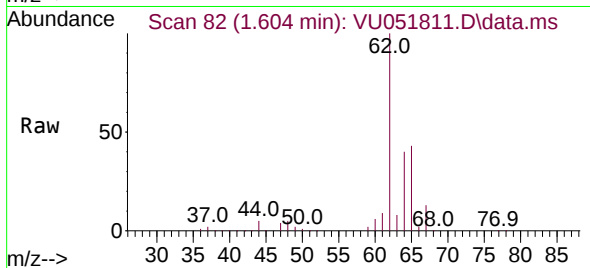




#5
 Vinyl chloride
 Concen: 3.720 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

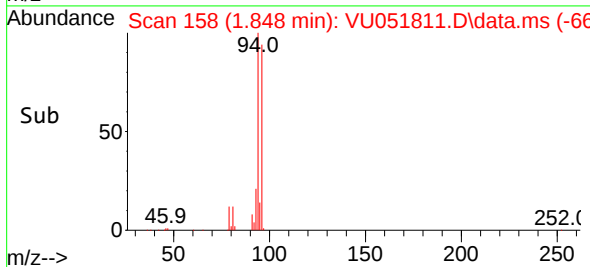
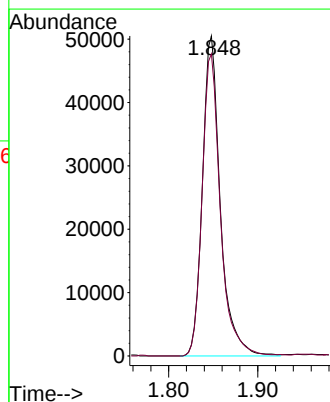
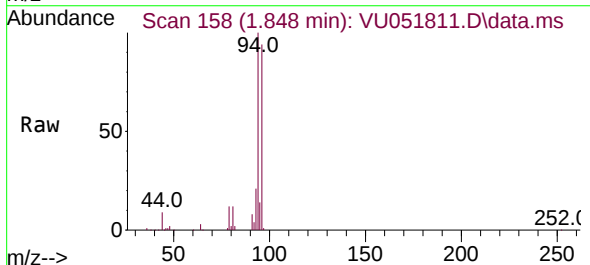
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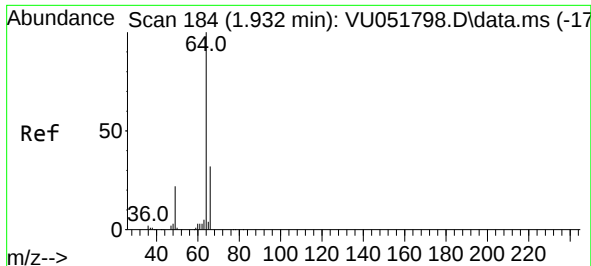
Tgt Ion: 62 Resp: 110353
 Ion Ratio Lower Upper
 62 100
 64 39.9 22.1 41.1



#6
 Bromomethane
 Concen: 5.016 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.003 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

Tgt Ion: 94 Resp: 70548
 Ion Ratio Lower Upper
 94 100
 96 94.4 63.2 117.4

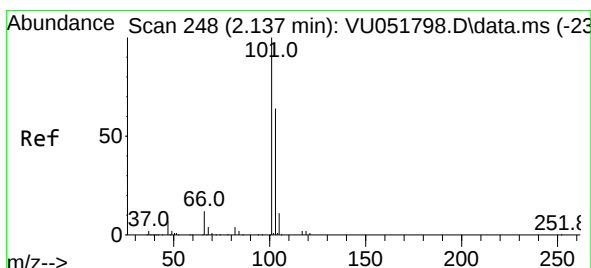
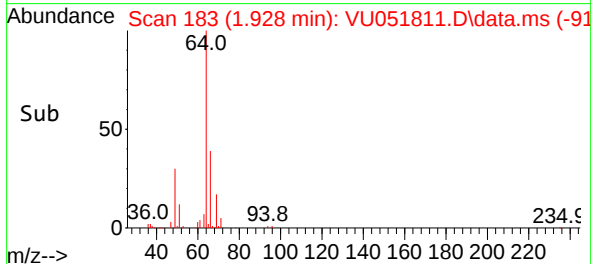
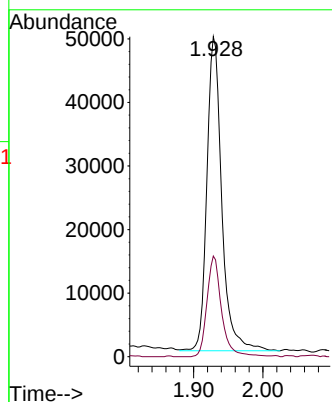
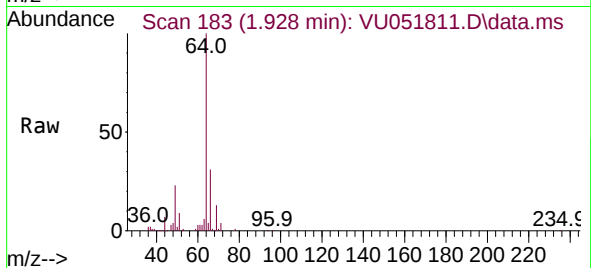




#8
Chloroethane
Concen: 4.083 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

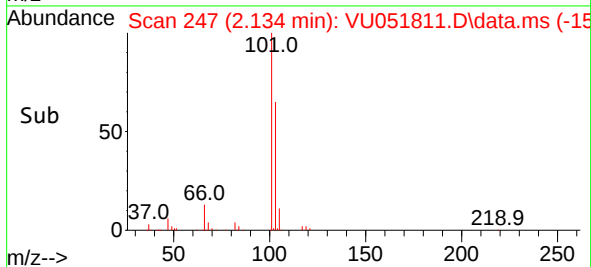
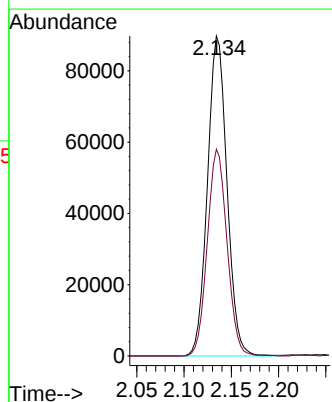
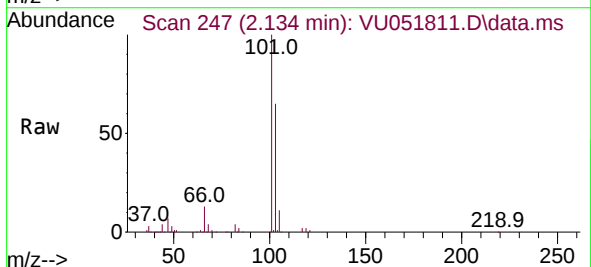
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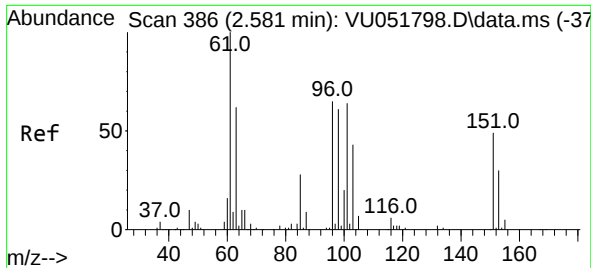
Tgt Ion: 64 Resp: 73536
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 3.959 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 101 Resp: 128902
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

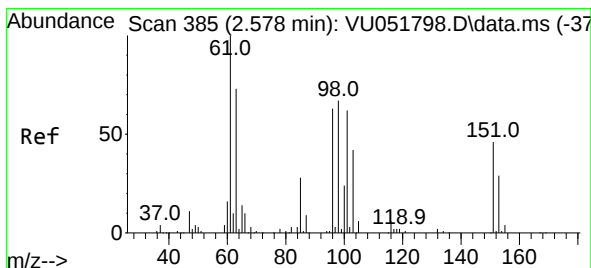
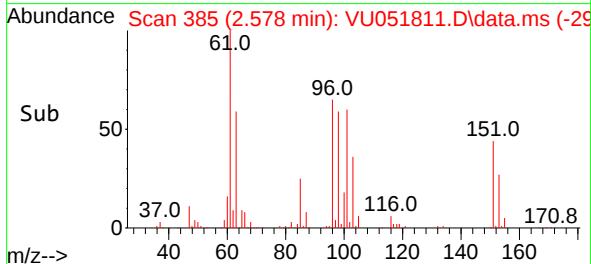
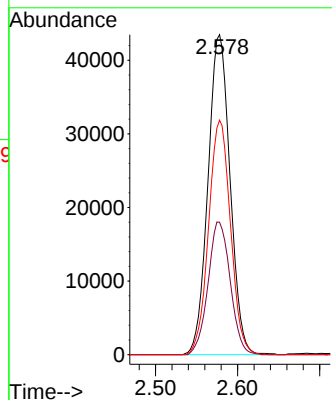
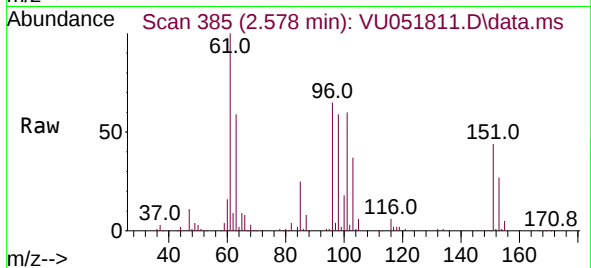




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.258 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

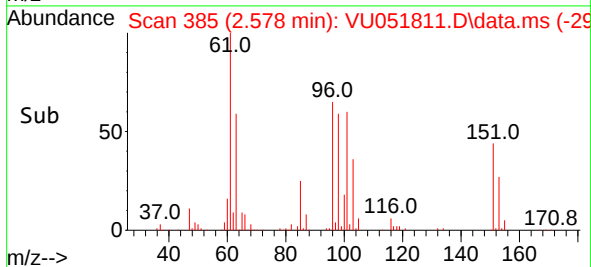
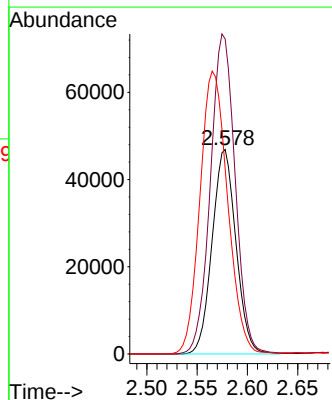
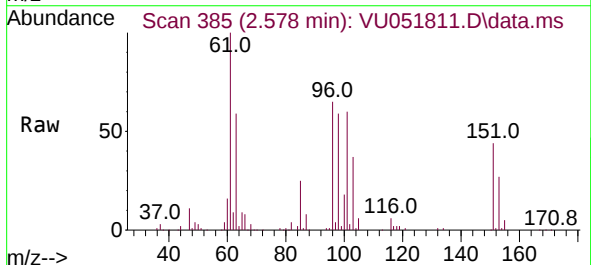
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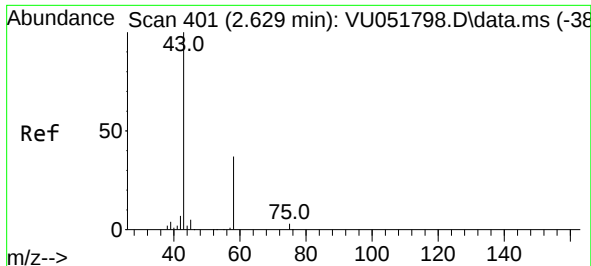
Tgt Ion:101 Resp: 81505
 Ion Ratio Lower Upper
 101 100
 85 41.7 35.6 53.4
 151 72.7 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 3.960 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

Tgt Ion: 96 Resp: 77319
 Ion Ratio Lower Upper
 96 100
 61 154.1 108.8 202.0
 63 90.7 64.9 120.5





#13

Acetone

Concen: 53.431 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

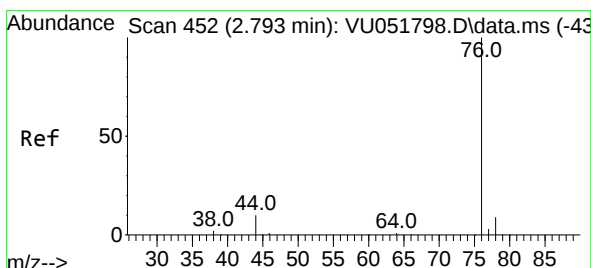
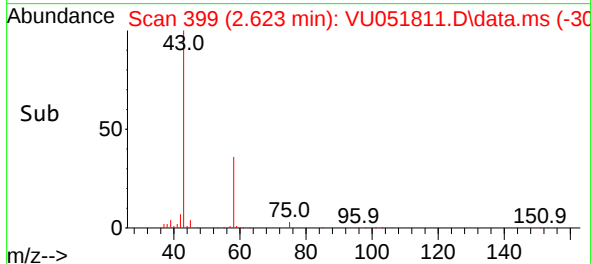
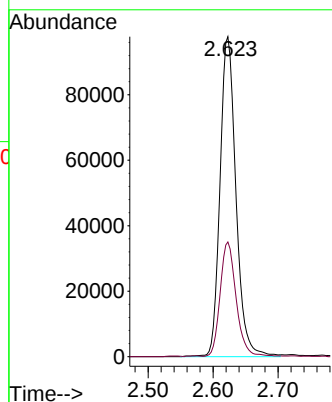
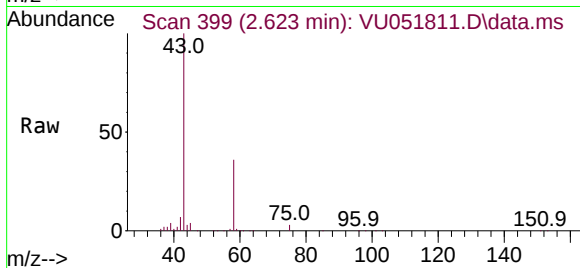
GBMW5MS

Tgt Ion: 43 Resp: 166087

Ion Ratio Lower Upper

43 100

58 35.7 0.0 73.8



#14

Carbon disulfide

Concen: 2.963 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051811.D

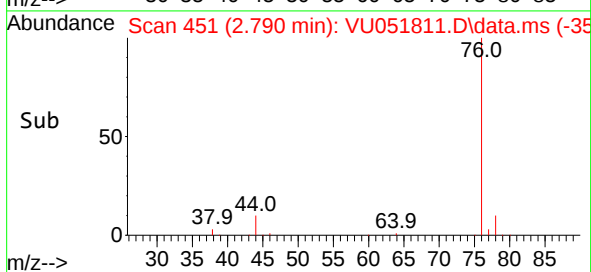
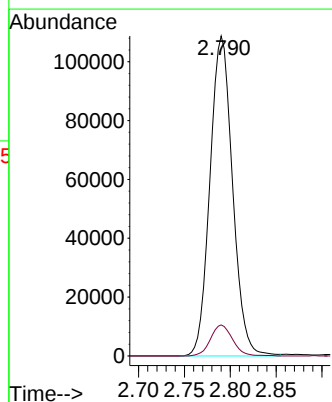
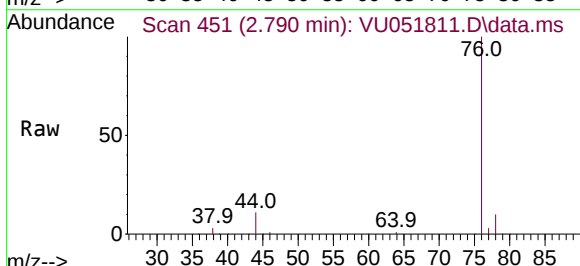
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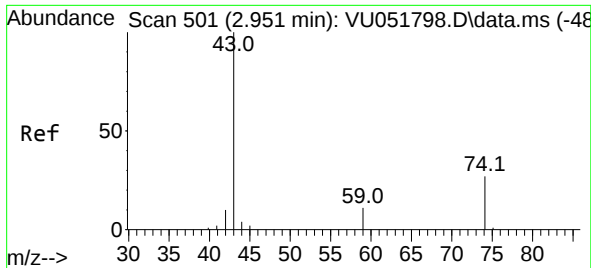
Tgt Ion: 76 Resp: 186523

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

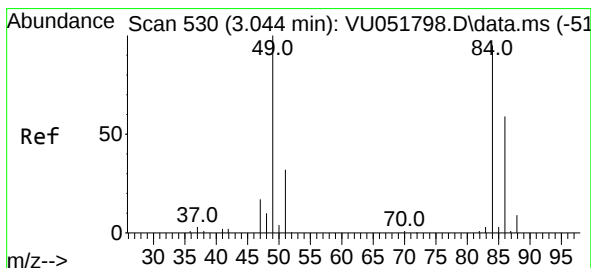
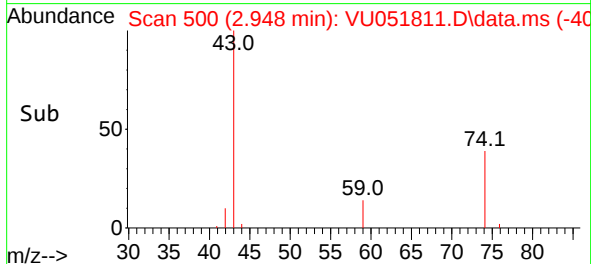
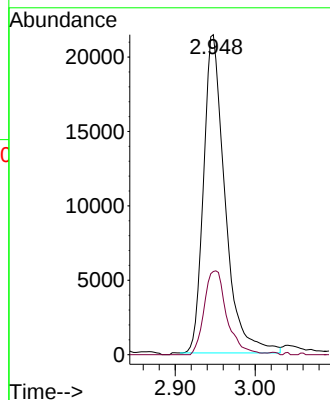
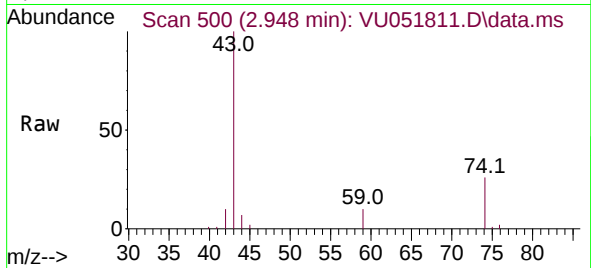




#15
Methyl Acetate
Concen: 4.911 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

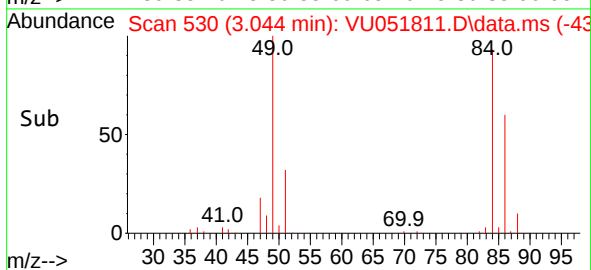
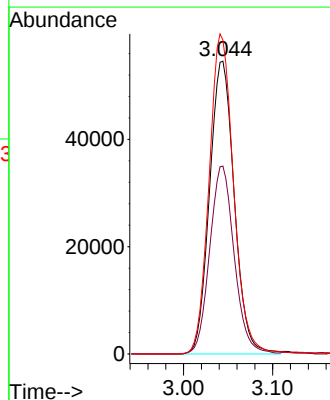
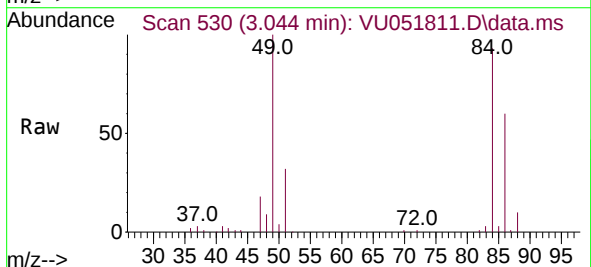
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

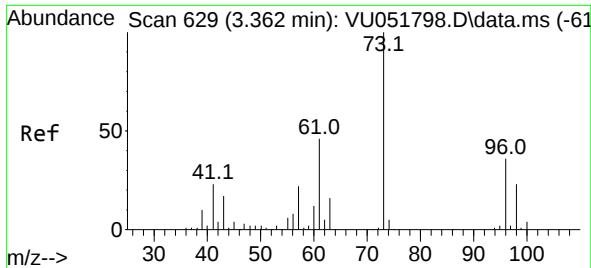
Tgt Ion: 43 Resp: 39967
Ion Ratio Lower Upper
43 100
74 27.8 20.2 30.4



#16
Methylene chloride
Concen: 3.291 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 84 Resp: 105271
Ion Ratio Lower Upper
84 100
86 64.1 46.3 85.9
49 107.2 76.0 141.2

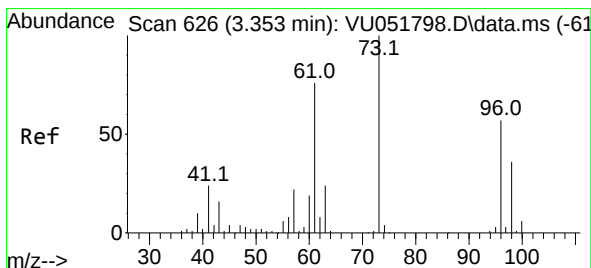
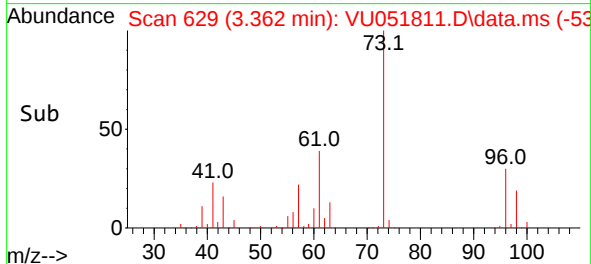
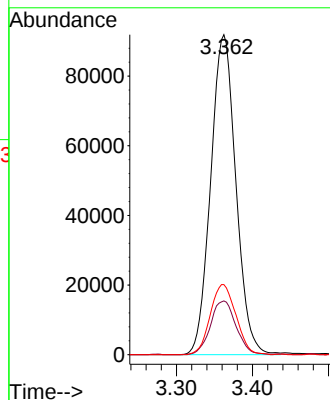
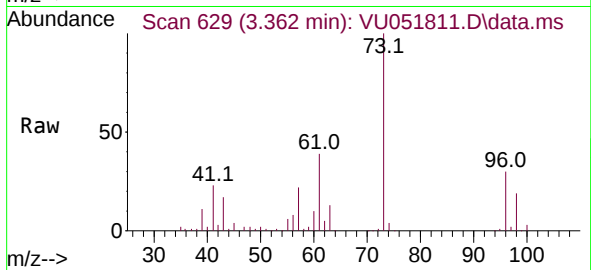




#17
Methyl tert-butyl Ether
Concen: 4.728 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

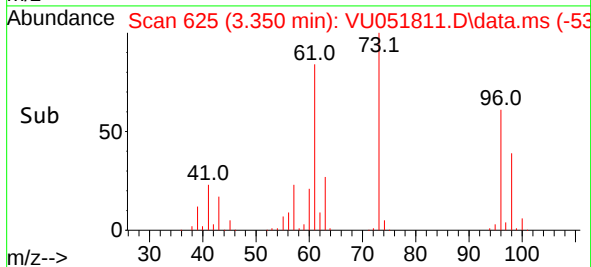
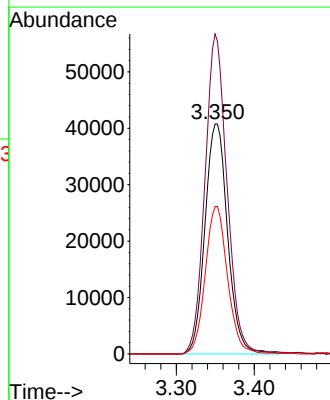
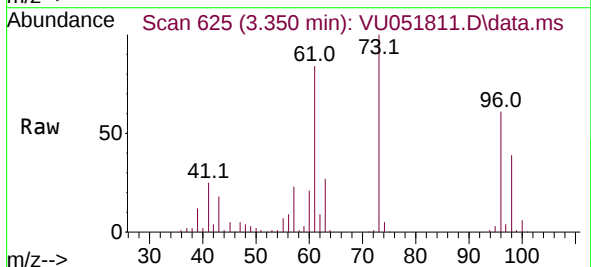
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

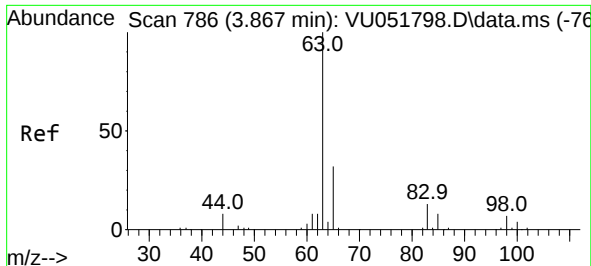
Tgt Ion: 73 Resp: 211682
Ion Ratio Lower Upper
73 100
43 17.1 13.6 20.4
57 22.3 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 3.937 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 96 Resp: 82496
Ion Ratio Lower Upper
96 100
61 139.1 94.7 175.9
98 64.1 44.2 82.0

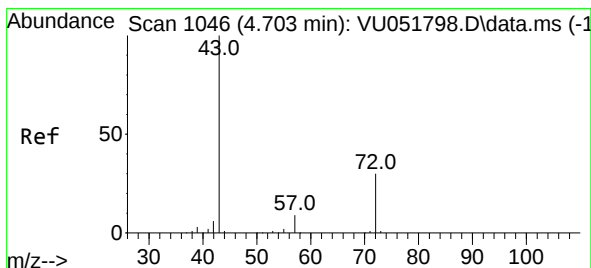
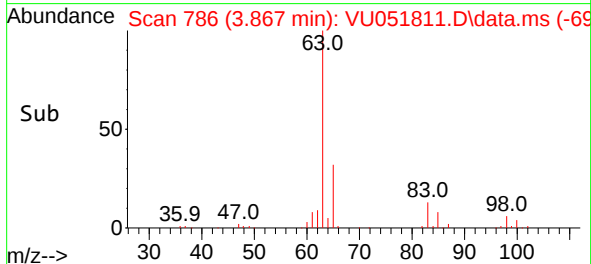
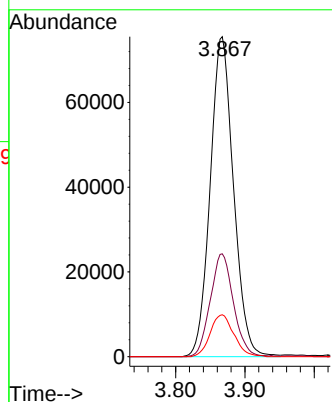
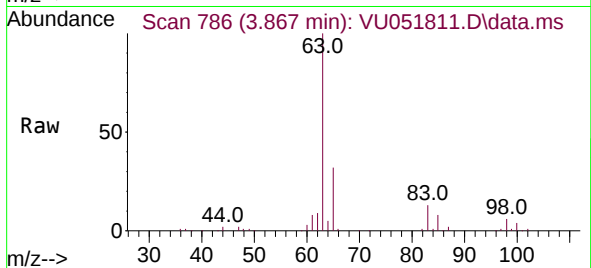




#19
1,1-Dichloroethane
Concen: 4.562 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

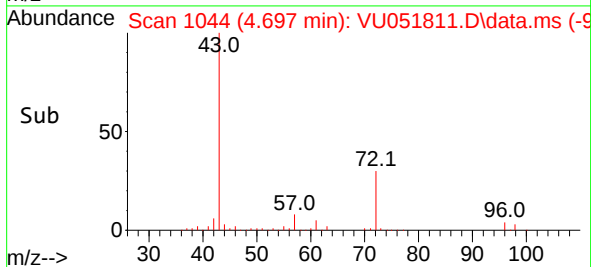
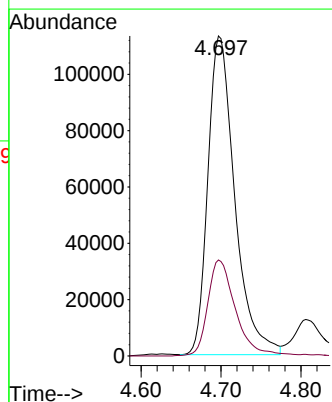
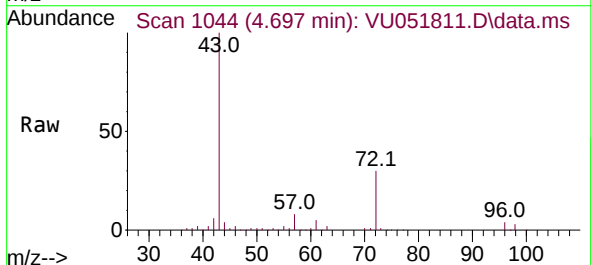
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

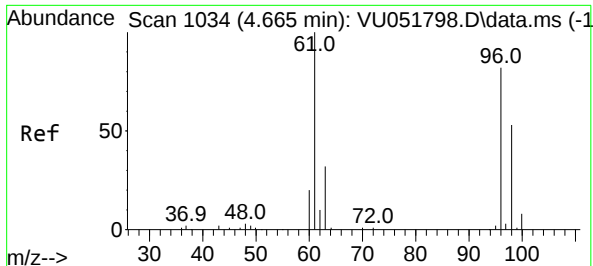
Tgt Ion: 63 Resp: 176334
Ion Ratio Lower Upper
63 100
65 32.1 22.7 42.1
83 13.1 9.2 17.0



#21
2-Butanone
Concen: 54.311 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 43 Resp: 264380
Ion Ratio Lower Upper
43 100
72 31.0 16.2 48.5

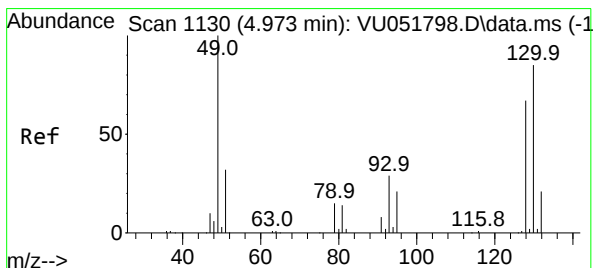
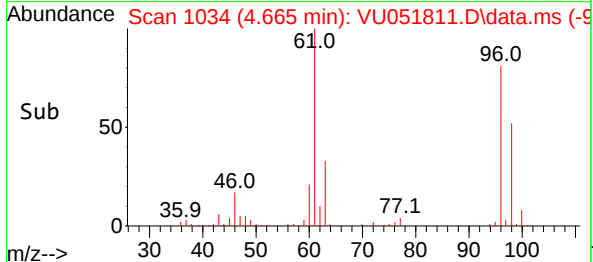
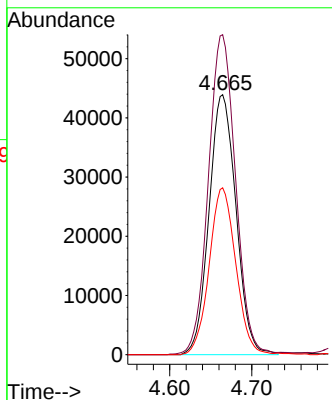
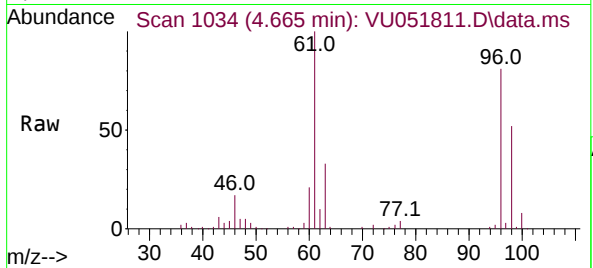




#22
 cis-1,2-Dichloroethene
 Concen: 4.343 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

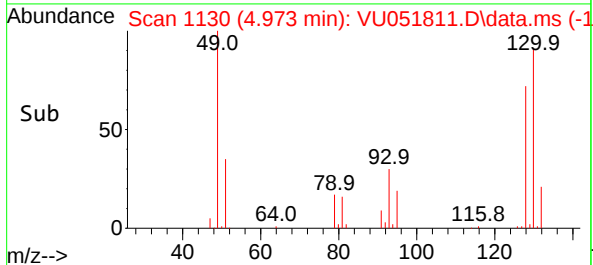
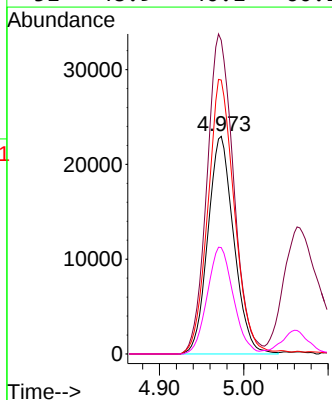
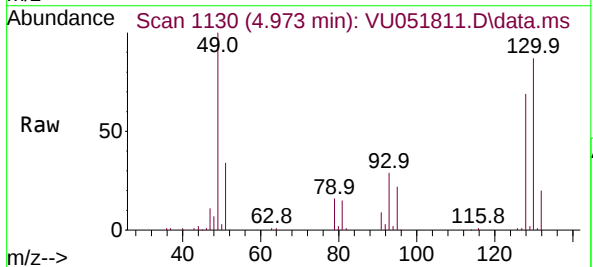
Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MS

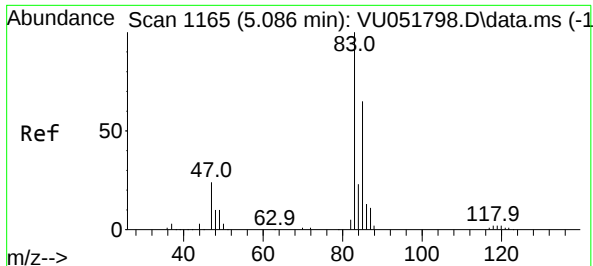
Tgt Ion: 96 Resp: 100694
 Ion Ratio Lower Upper
 96 100
 61 123.1 86.4 160.4
 98 64.2 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.514 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

Tgt Ion: 128 Resp: 48943
 Ion Ratio Lower Upper
 128 100
 49 144.1 105.5 195.9
 130 125.9 93.5 173.7
 51 48.9 40.1 60.1





#25

Chloroform

Concen: 4.691 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

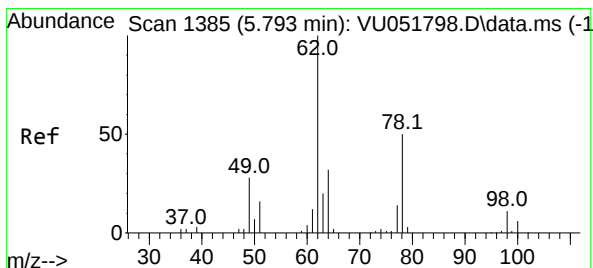
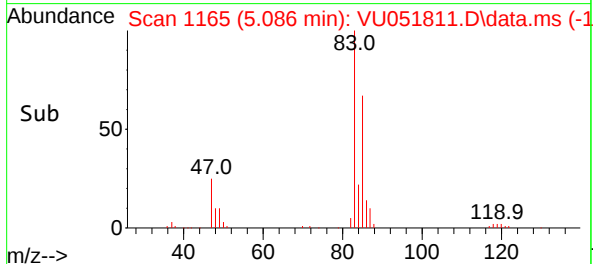
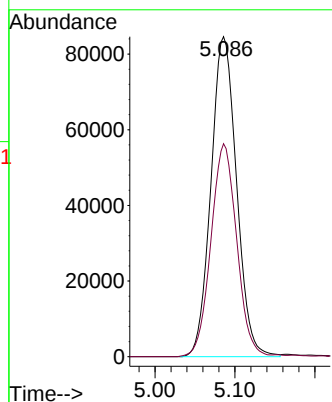
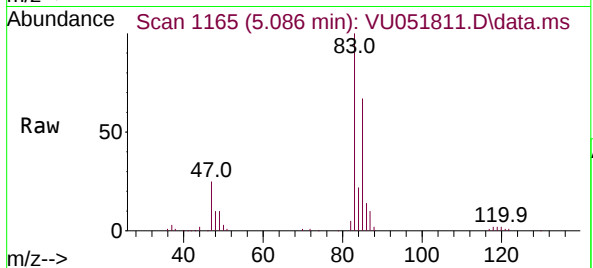
GBMW5MS

Tgt Ion: 83 Resp: 188097

Ion Ratio Lower Upper

83 100

85 66.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.481 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051811.D

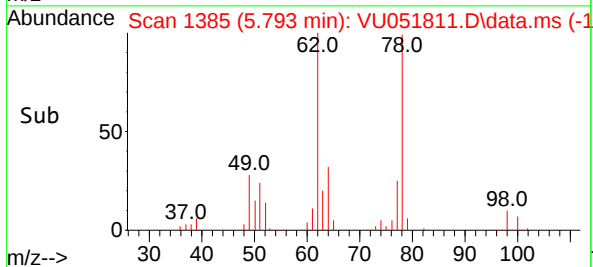
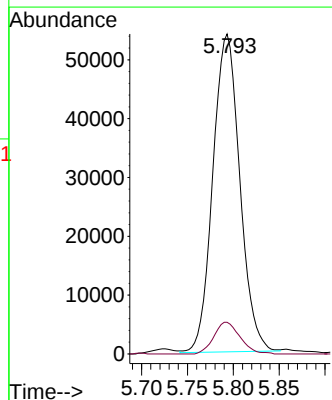
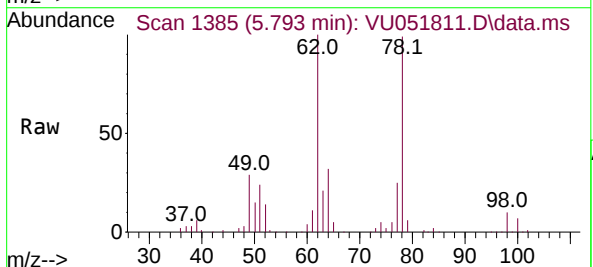
Acq: 10 Nov 2022 19:32

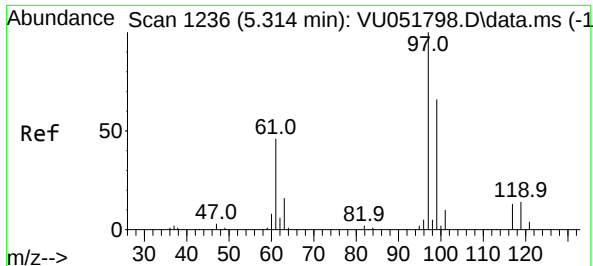
Tgt Ion: 62 Resp: 110570

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0

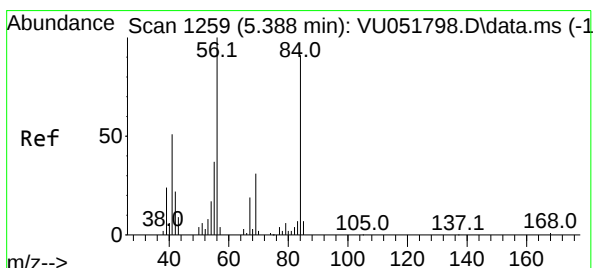
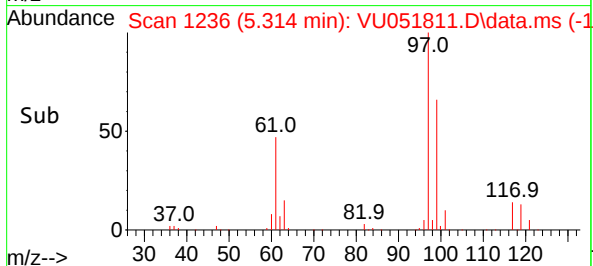
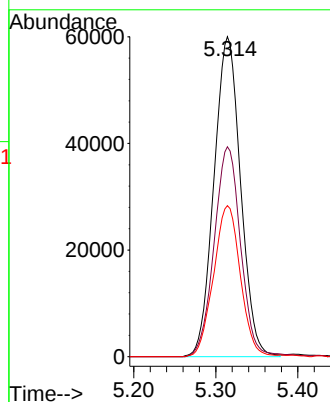
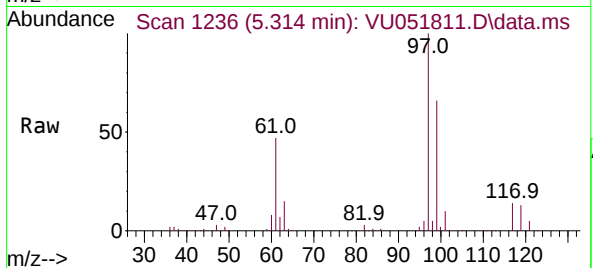




#29
1,1,1-Trichloroethane
Concen: 4.477 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

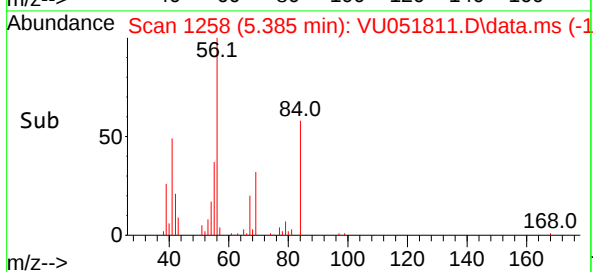
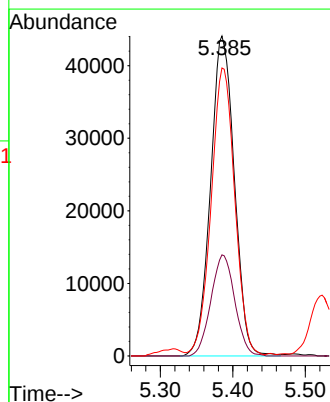
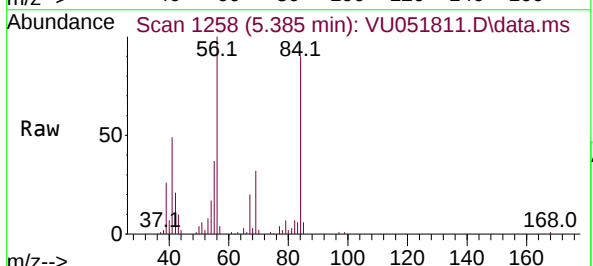
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

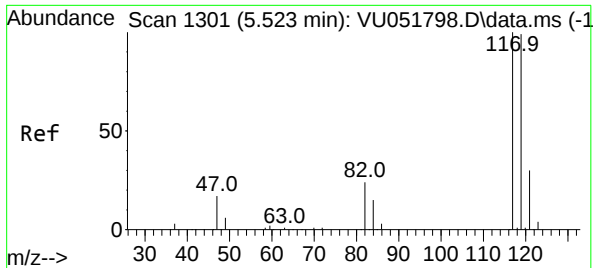
Tgt Ion: 97 Resp: 135265
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 47.5 37.4 56.0



#30
Cyclohexane
Concen: 3.614 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 56 Resp: 100558
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 88.7 71.4 107.0

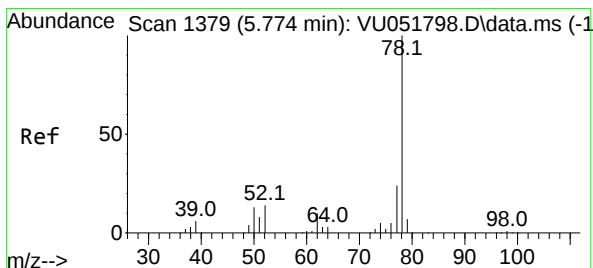
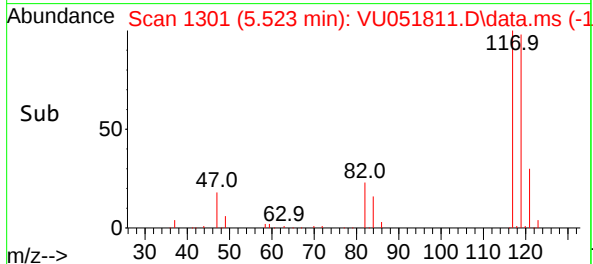
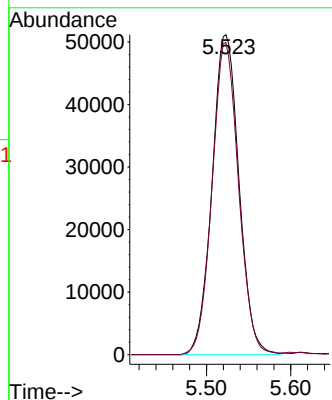
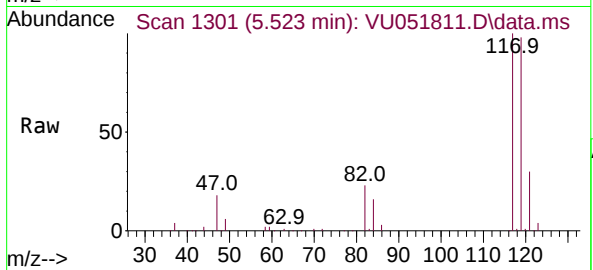




#31
Carbon tetrachloride
Concen: 4.389 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

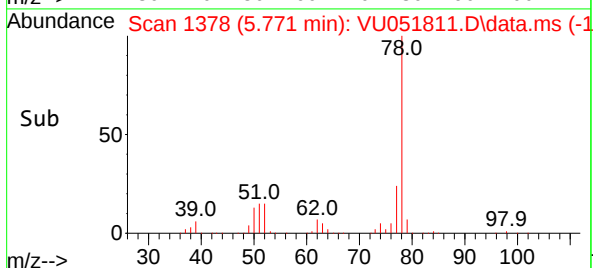
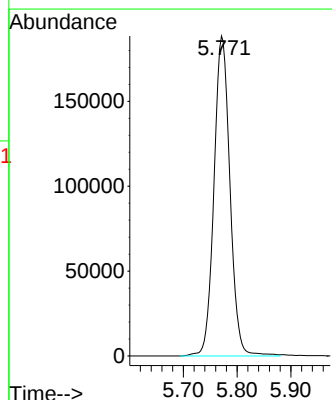
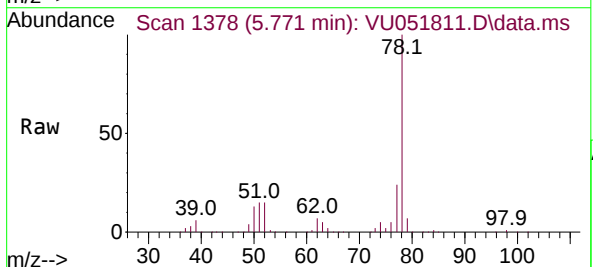
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

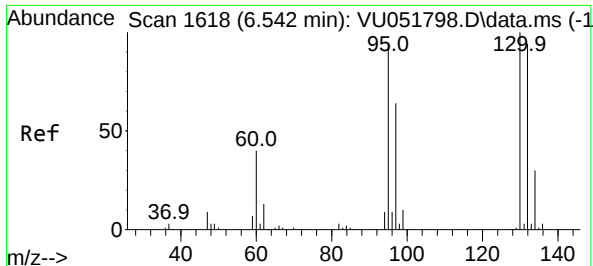
Tgt Ion:117 Resp: 113424
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 4.441 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 78 Resp: 389983

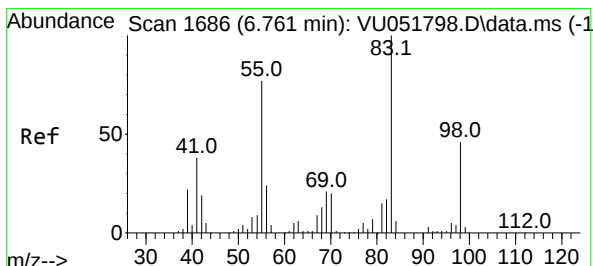
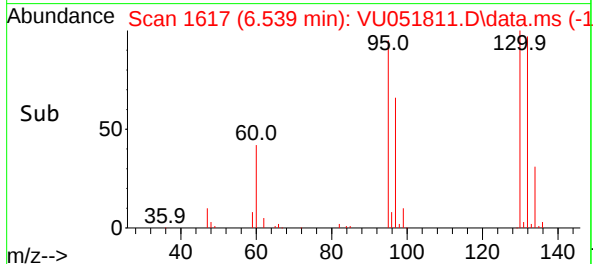
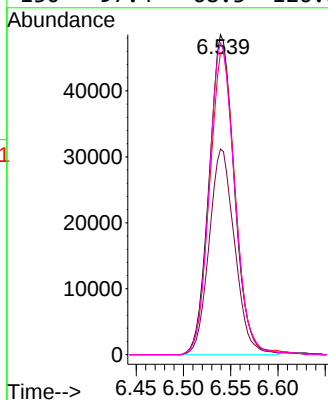
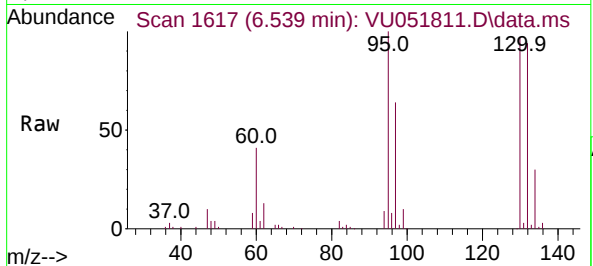




#34
Trichloroethene
Concen: 4.245 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

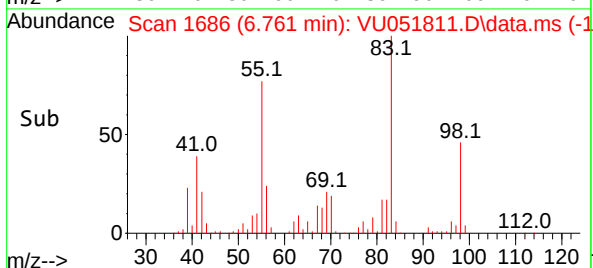
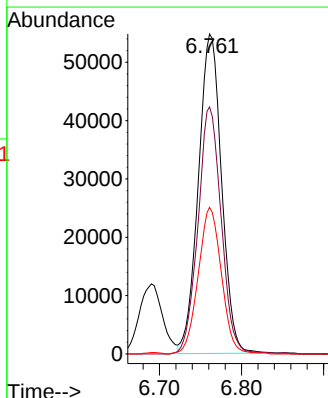
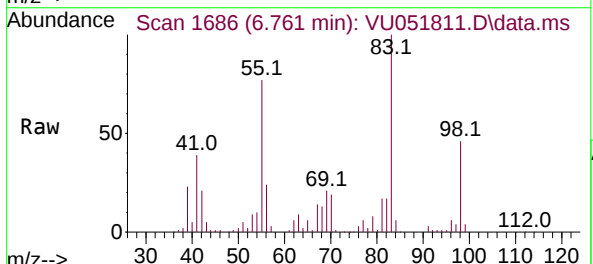
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

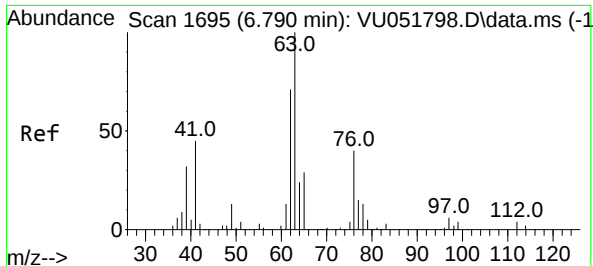
Tgt Ion: 95 Resp: 89967
Ion Ratio Lower Upper
95 100
97 64.3 45.2 84.0
132 94.2 66.5 123.5
130 97.4 68.3 126.8



#35
Methylcyclohexane
Concen: 3.671 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 83 Resp: 107565
Ion Ratio Lower Upper
83 100
55 77.6 60.6 90.8
98 45.7 35.8 53.6





#37

1,2-Dichloropropane

Concen: 4.765 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

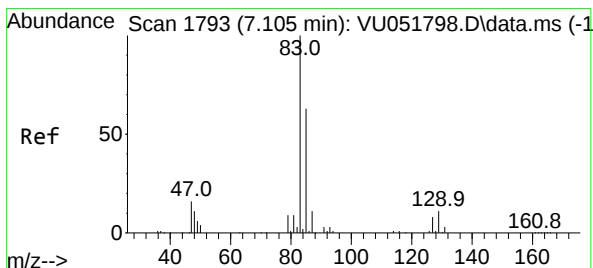
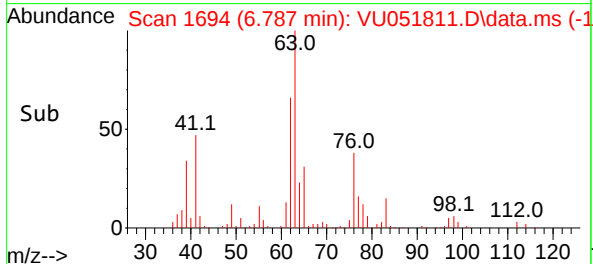
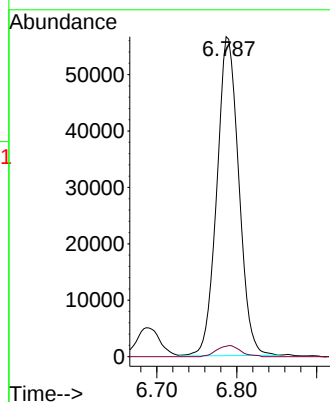
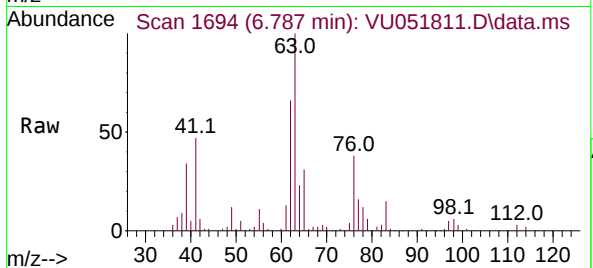
GBMW5MS

Tgt Ion: 63 Resp: 107624

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 4.892 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

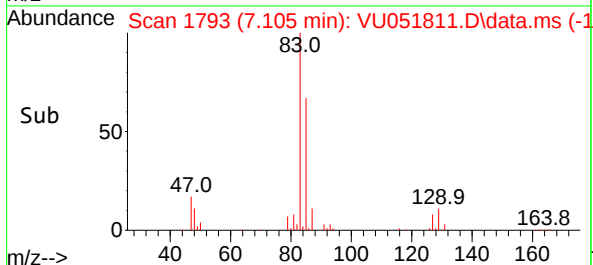
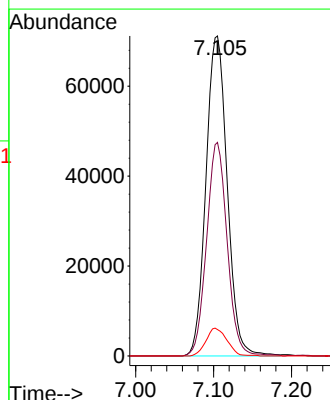
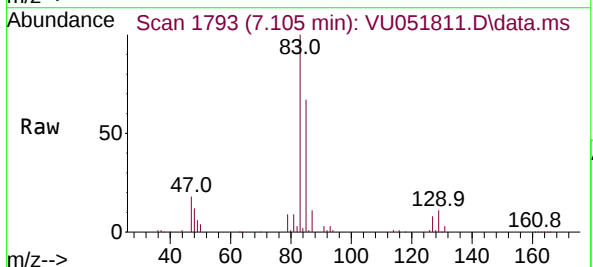
Tgt Ion: 83 Resp: 134975

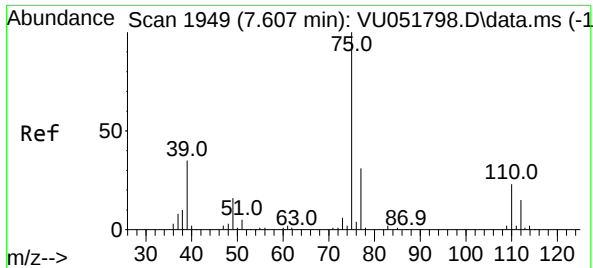
Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.619 ug/L

RT: 7.603 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

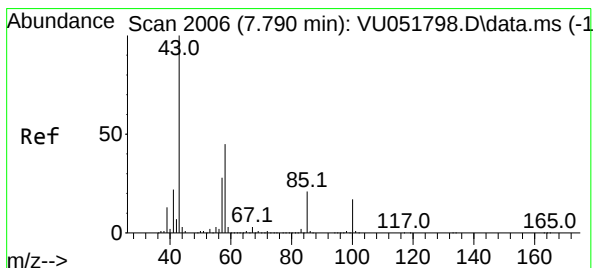
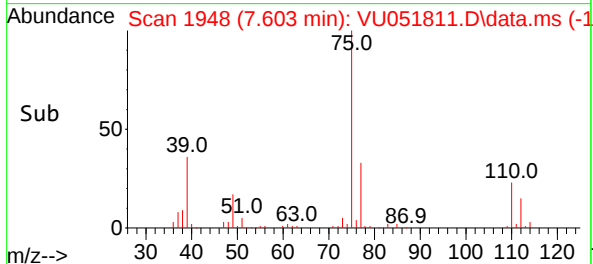
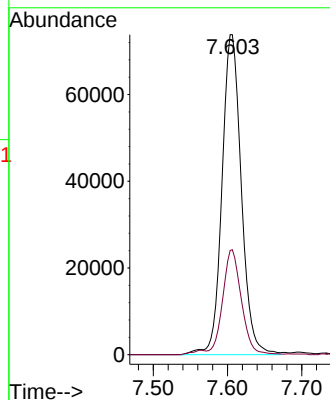
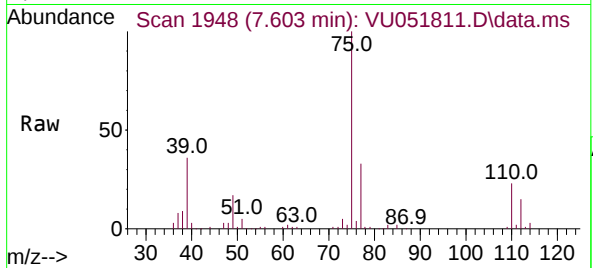
GBMW5MS

Tgt Ion: 75 Resp: 133865

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.228 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

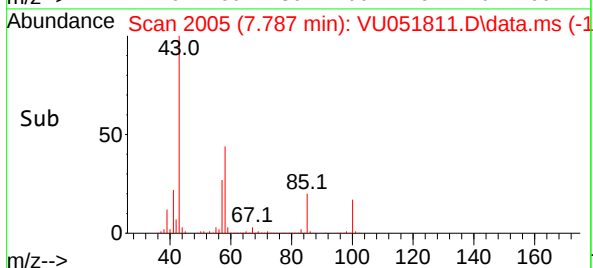
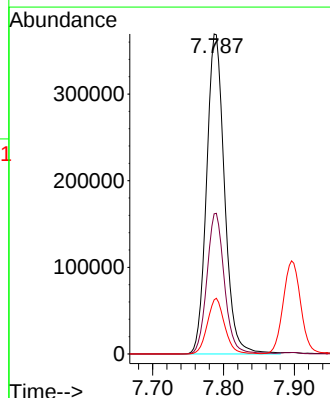
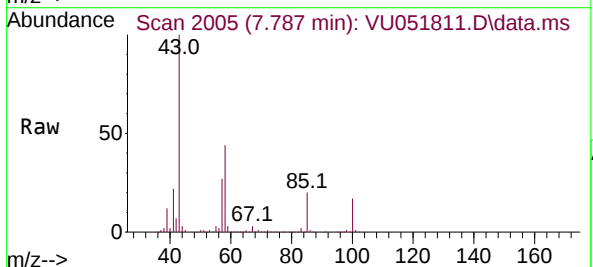
Tgt Ion: 43 Resp: 648371

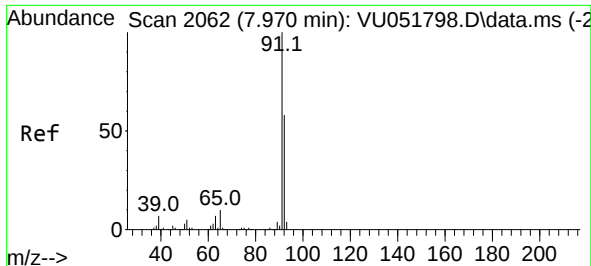
Ion Ratio Lower Upper

43 100

58 43.1 35.0 52.6

100 16.8 13.4 20.0





#42

Toluene

Concen: 4.635 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

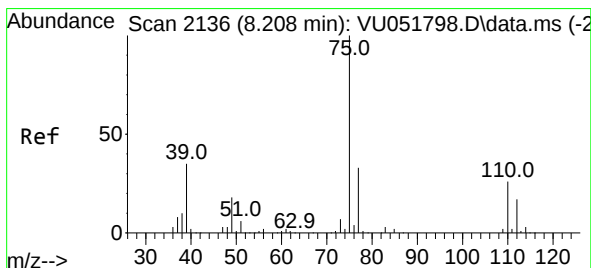
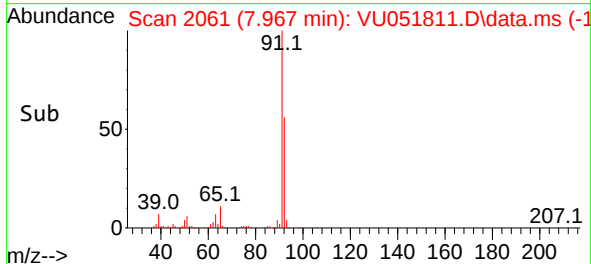
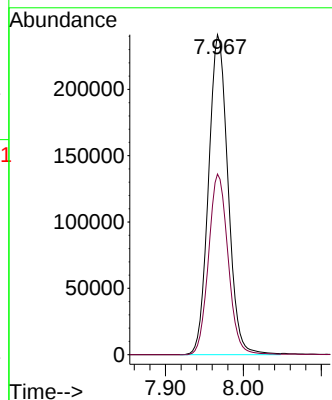
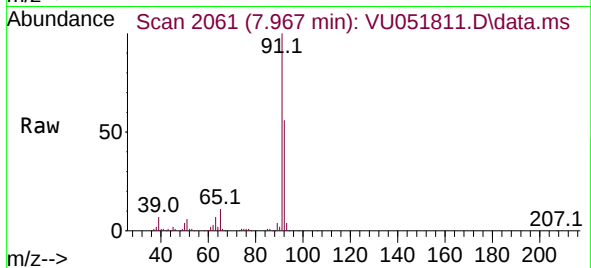
GBMW5MS

Tgt Ion: 91 Resp: 418069

Ion Ratio Lower Upper

91 100

92 56.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.957 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051811.D

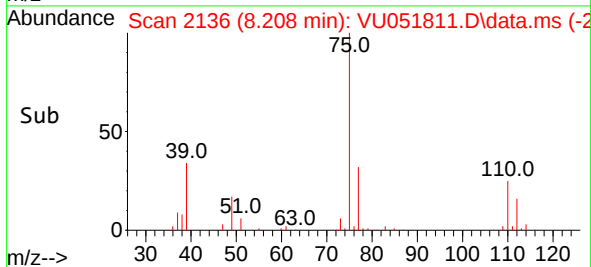
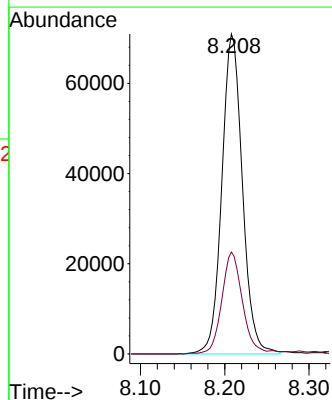
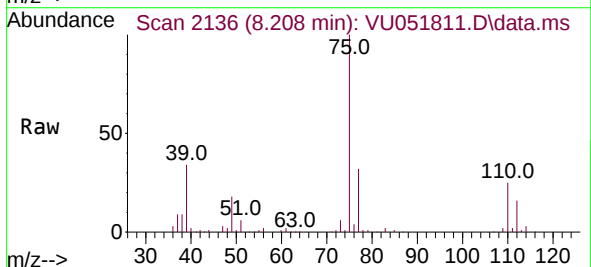
Acq: 10 Nov 2022 19:32

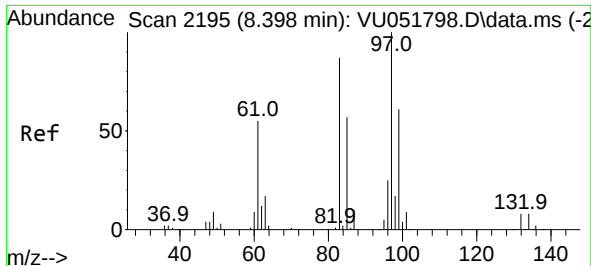
Tgt Ion: 75 Resp: 120051

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.165 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MS

Tgt Ion: 97 Resp: 85496

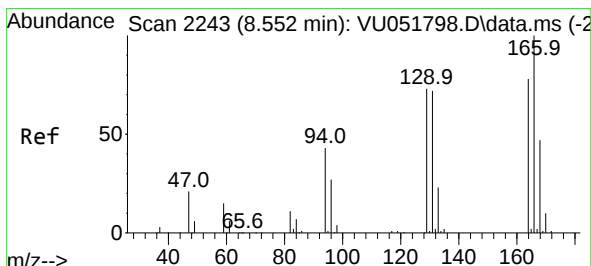
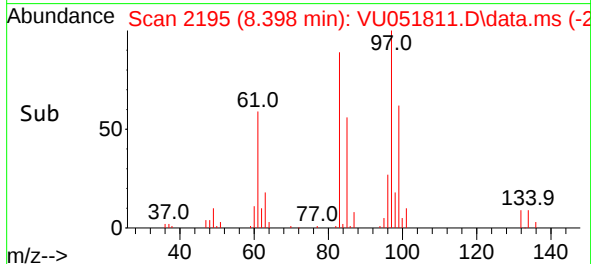
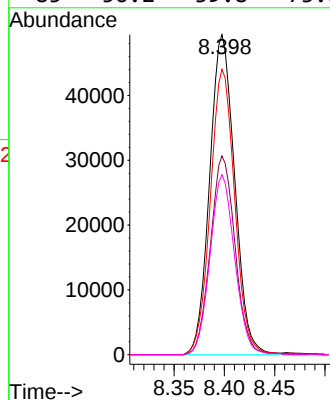
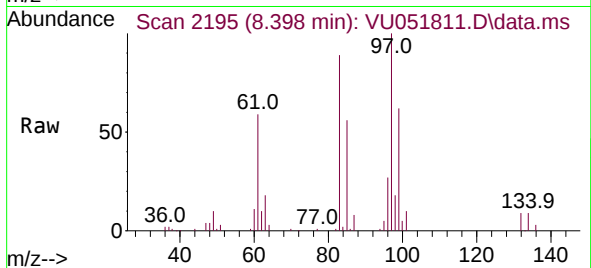
Ion Ratio Lower Upper

97 100

99 62.1 43.4 80.6

83 89.2 61.3 113.9

85 56.2 39.8 73.8



#47

Tetrachloroethene

Concen: 4.177 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Tgt Ion: 164 Resp: 67797

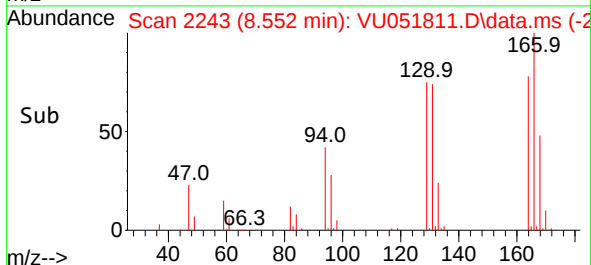
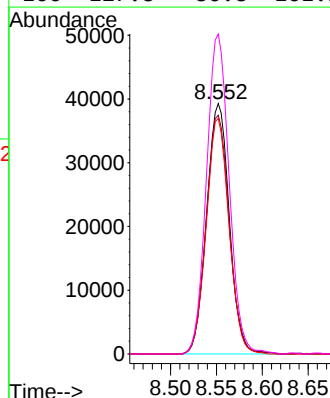
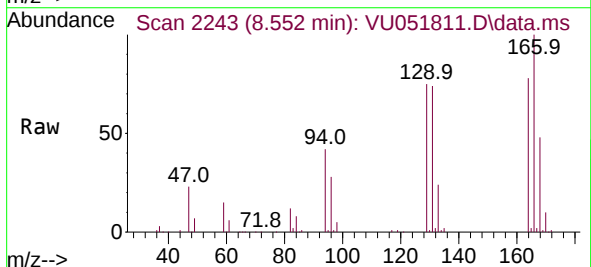
Ion Ratio Lower Upper

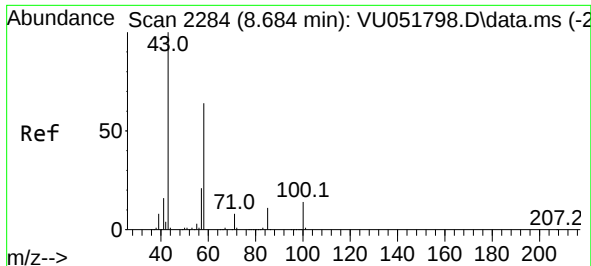
164 100

129 95.4 64.0 118.8

131 94.1 60.7 112.7

166 127.8 86.8 161.2

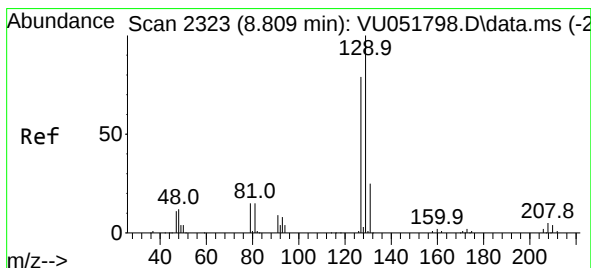
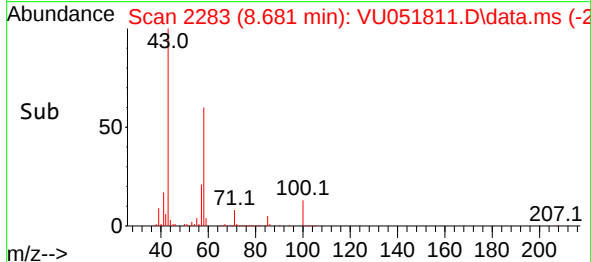
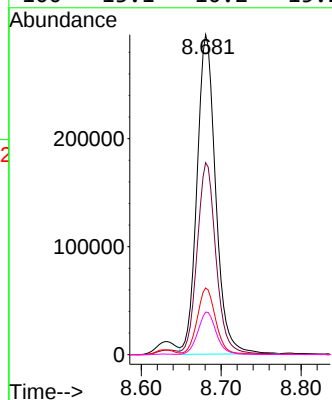
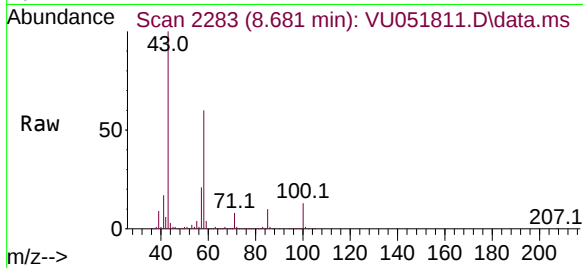




#48
2-Hexanone
Concen: 57.366 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

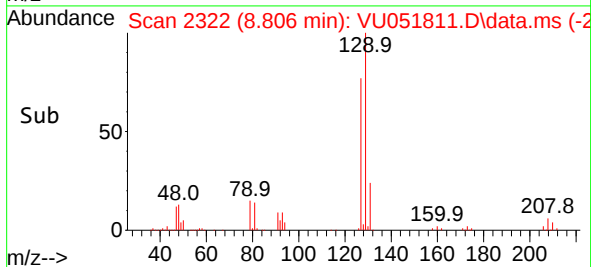
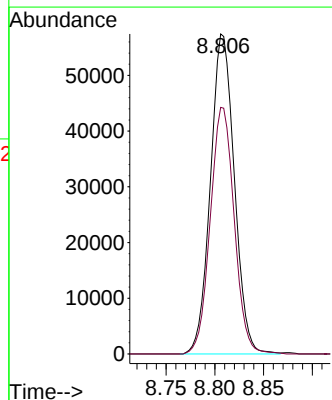
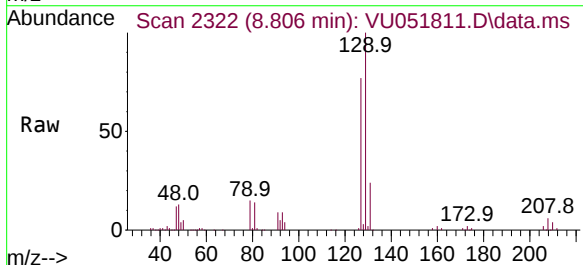
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

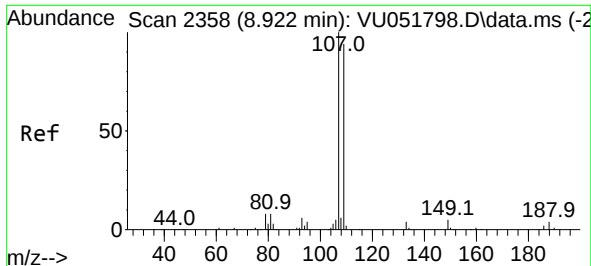
Tgt Ion: 43 Resp: 481084
Ion Ratio Lower Upper
43 100
58 61.0 48.2 72.2
57 20.8 16.6 25.0
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 5.182 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 129 Resp: 97984
Ion Ratio Lower Upper
129 100
127 77.0 54.8 101.8





#50

1,2-Dibromoethane

Concen: 4.984 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MS

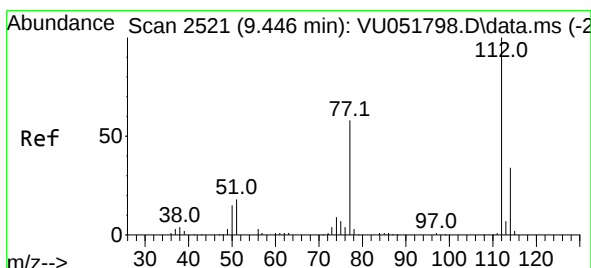
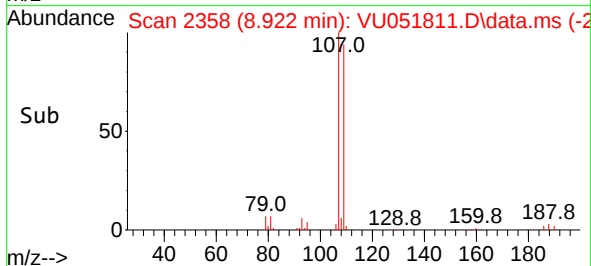
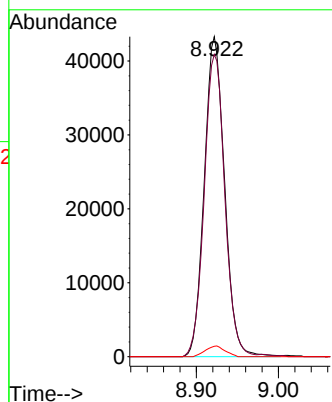
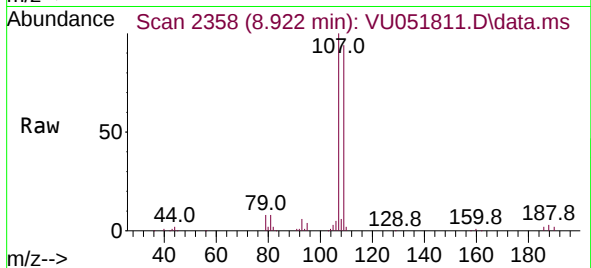
Tgt Ion:107 Resp: 74434

Ion Ratio Lower Upper

107 100

109 94.4 63.0 117.0

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 4.711 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

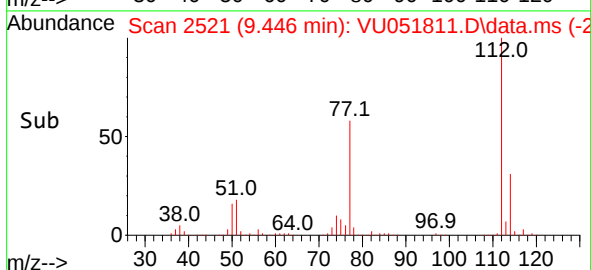
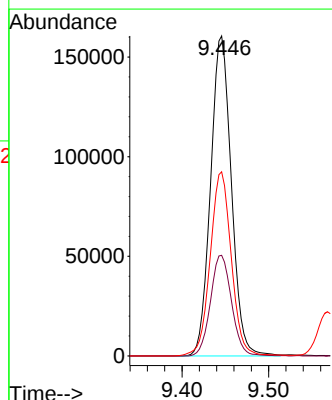
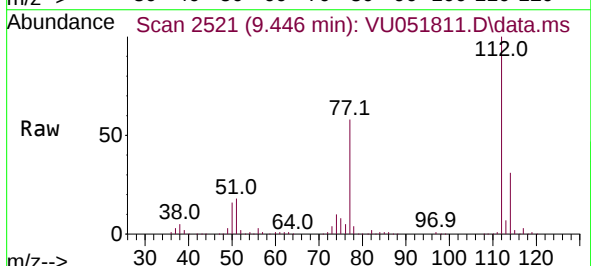
Tgt Ion:112 Resp: 267441

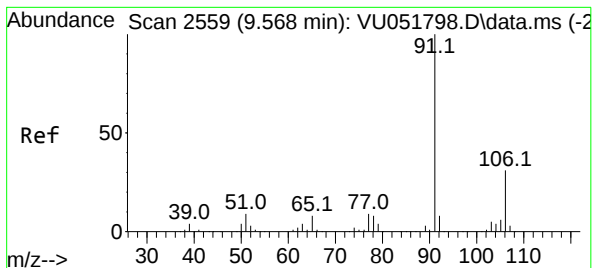
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 57.5 46.7 70.1





#52

Ethylbenzene

Concen: 4.546 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

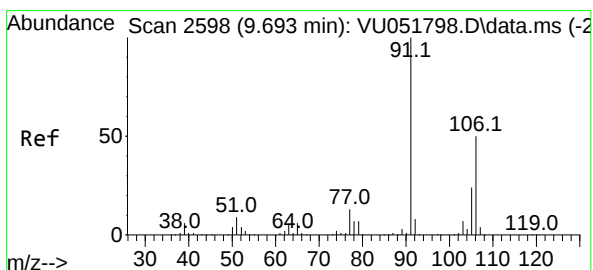
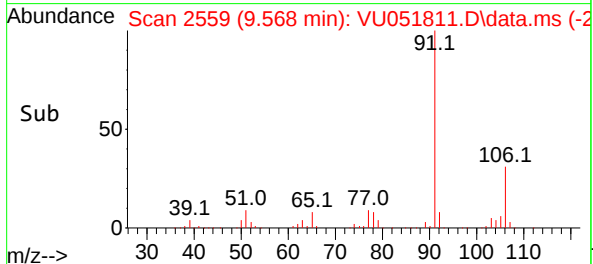
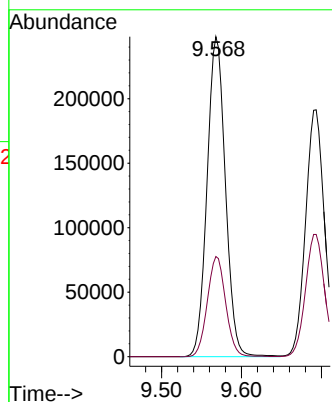
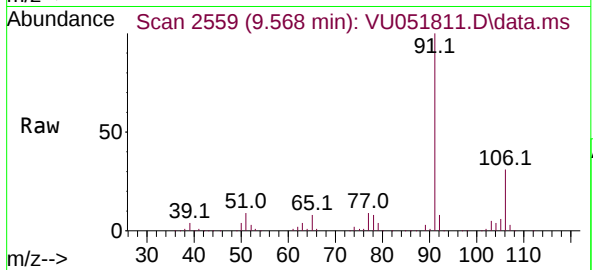
GBMW5MS

Tgt Ion: 91 Resp: 395600

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.6



#53

m,p-Xylene

Concen: 4.654 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051811.D

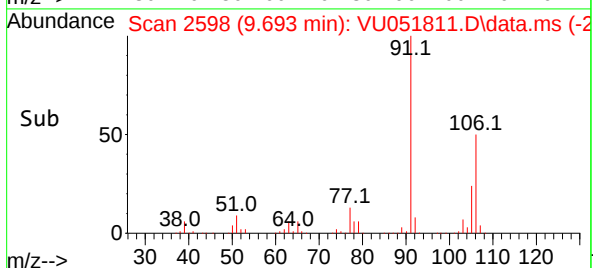
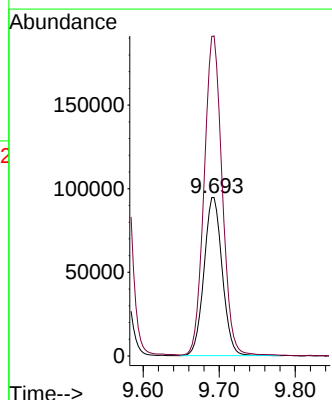
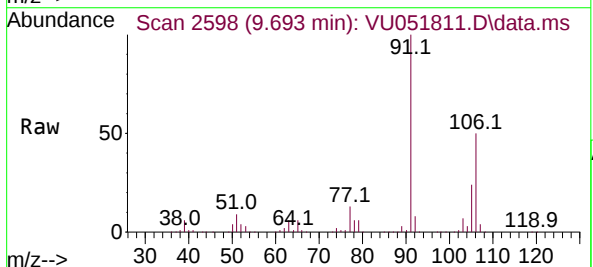
Acq: 10 Nov 2022 19:32

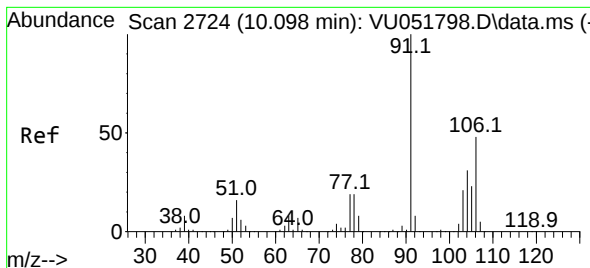
Tgt Ion: 106 Resp: 157301

Ion Ratio Lower Upper

106 100

91 202.0 139.4 259.0





#54

o-Xylene

Concen: 4.781 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

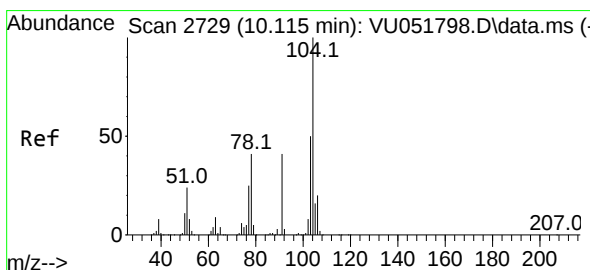
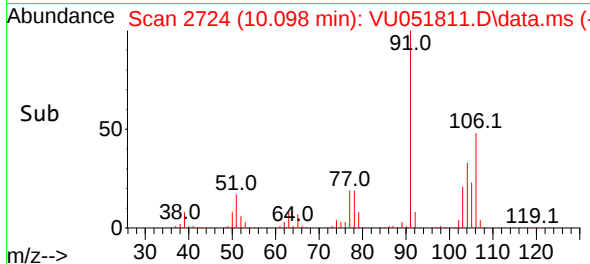
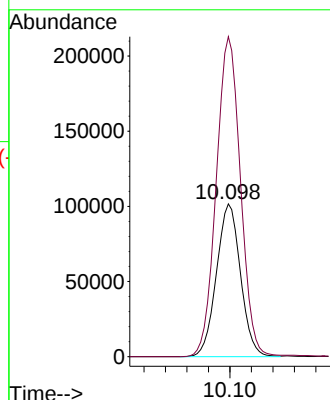
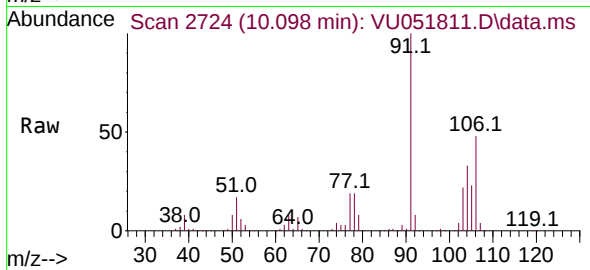
GBMW5MS

Tgt Ion:106 Resp: 157945

Ion Ratio Lower Upper

106 100

91 209.4 149.2 277.2



#55

Styrene

Concen: 4.979 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU051811.D

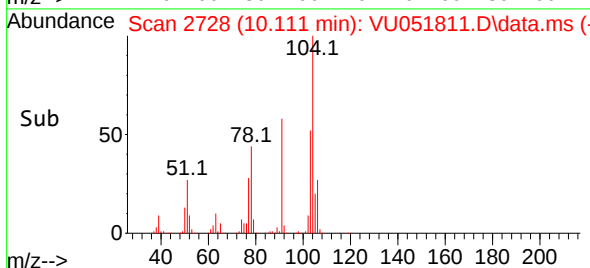
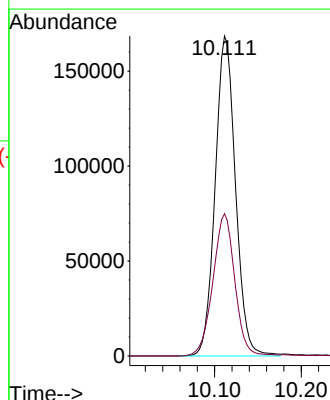
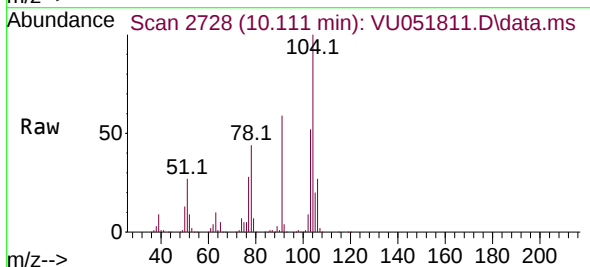
Acq: 10 Nov 2022 19:32

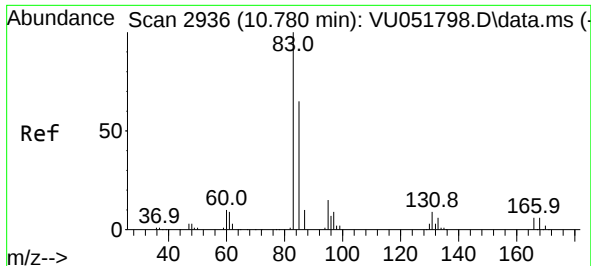
Tgt Ion:104 Resp: 274970

Ion Ratio Lower Upper

104 100

78 44.5 31.8 59.0

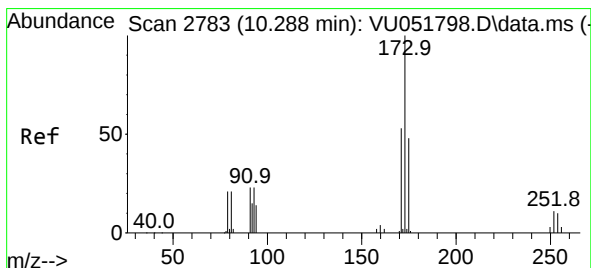
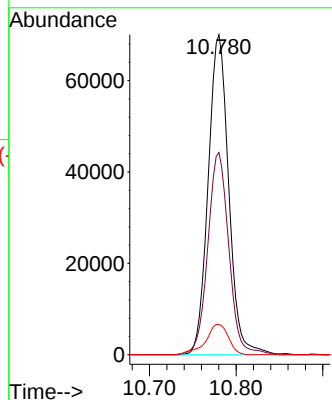
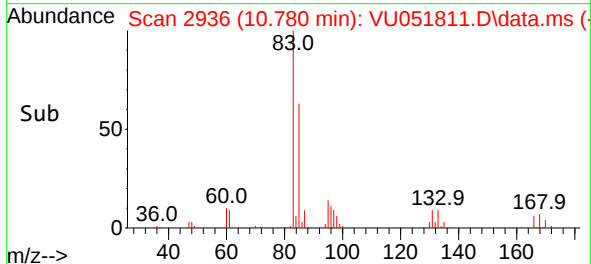
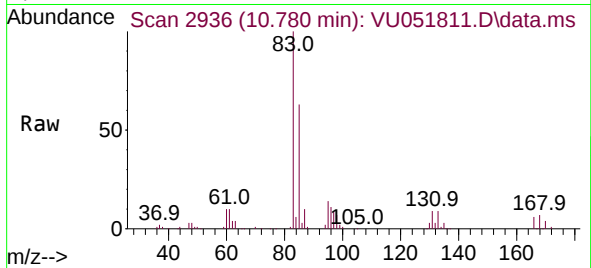




#57
1,1,2,2-Tetrachloroethane
Concen: 5.616 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

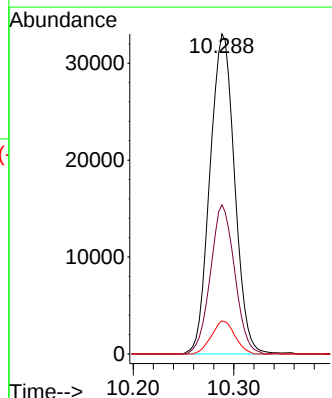
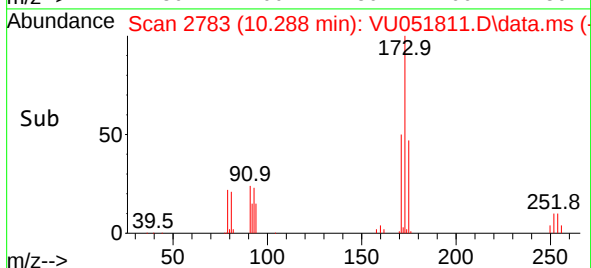
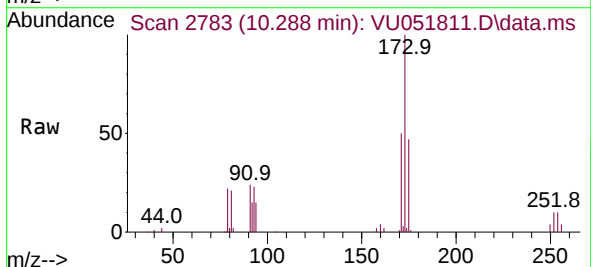
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

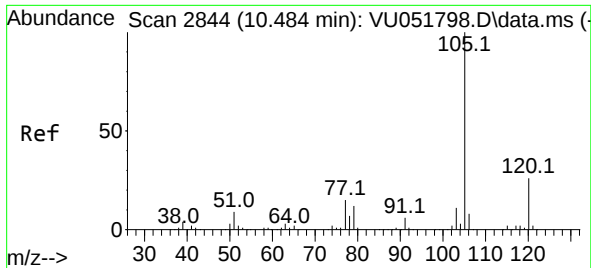
Tgt Ion: 83 Resp: 115265
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.5
131 9.4 7.8 11.8



#59
Bromoform
Concen: 5.319 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 173 Resp: 56178
Ion Ratio Lower Upper
173 100
175 45.8 38.7 58.1
254 9.8 7.3 10.9

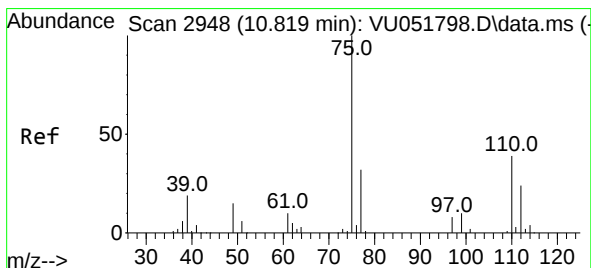
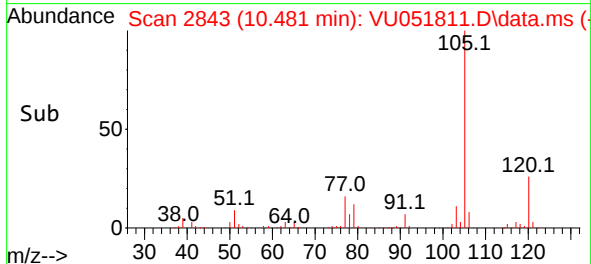
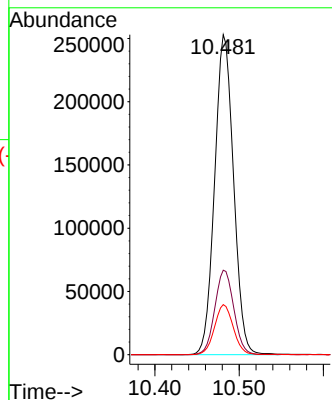
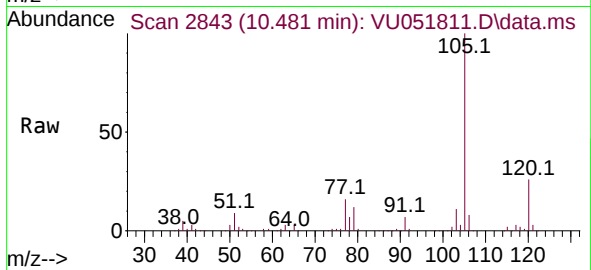




#60
Isopropylbenzene
Concen: 4.719 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

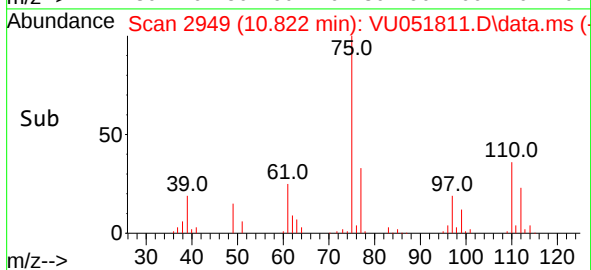
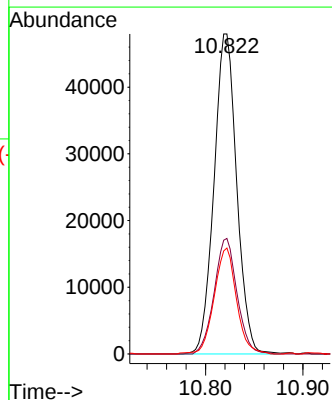
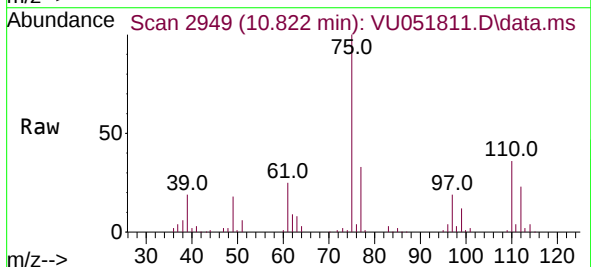
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

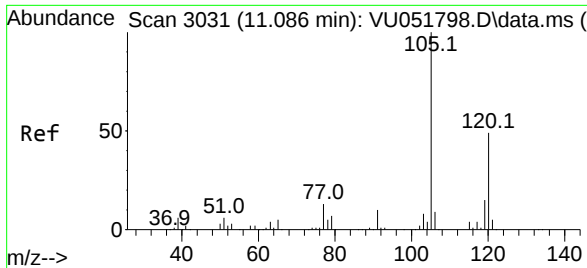
Tgt Ion:105 Resp: 393845
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.252 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion: 75 Resp: 77639
Ion Ratio Lower Upper
75 100
110 36.2 28.7 43.1
77 32.5 26.1 39.1

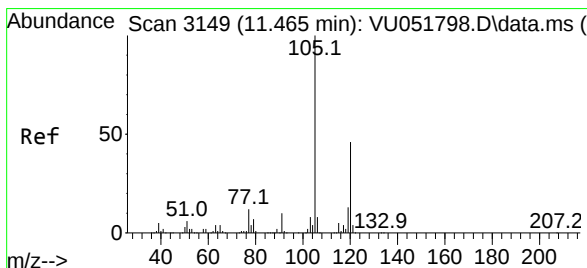
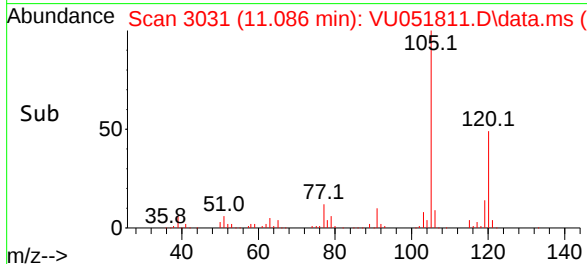
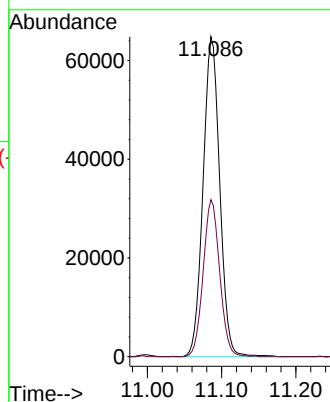
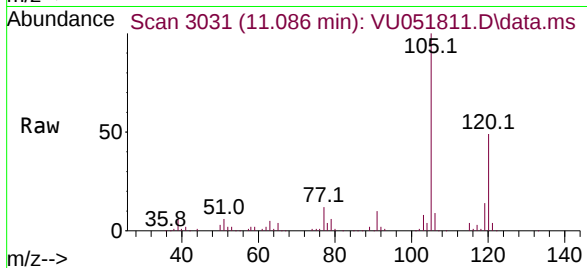




#62
 1,3,5-Trimethylbenzene
 Concen: 4.498 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

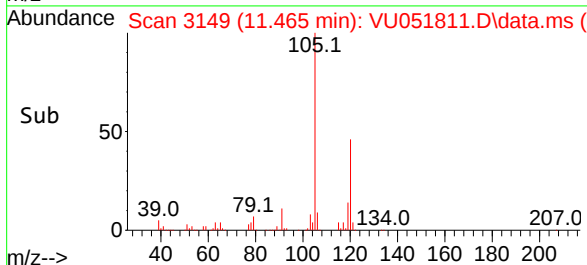
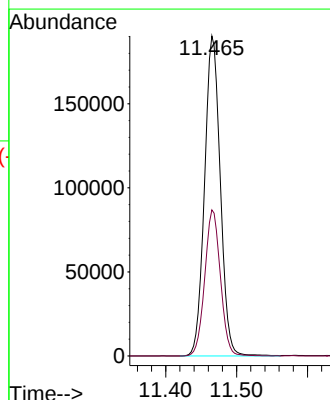
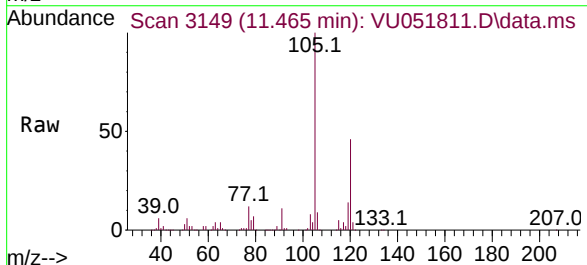
Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MS

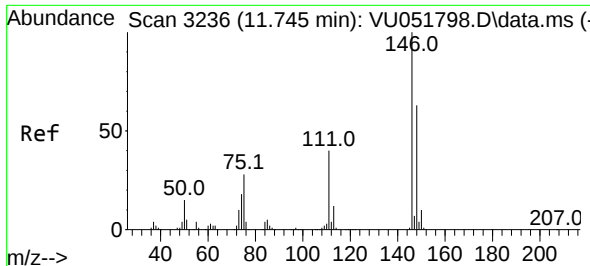
Tgt Ion:105 Resp: 101054
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.533 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

Tgt Ion:105 Resp: 293666
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.6

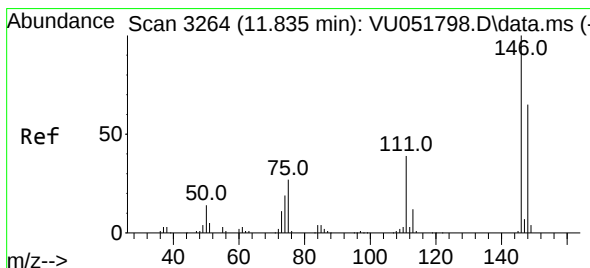
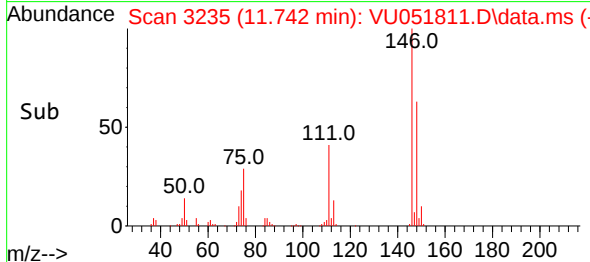
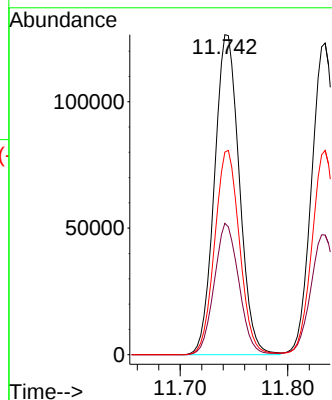
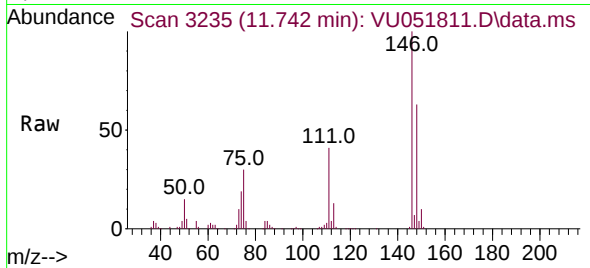




#64
1,3-Dichlorobenzene
Concen: 4.896 ug/L
RT: 11.742 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

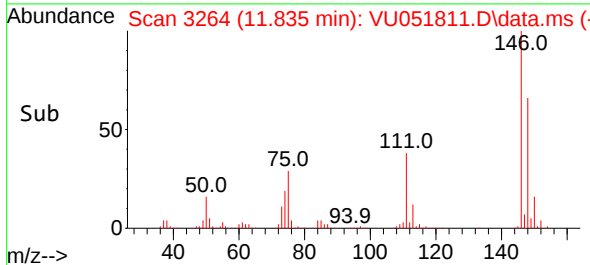
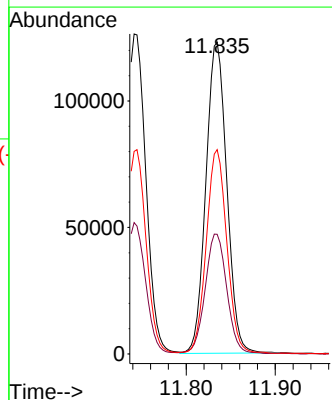
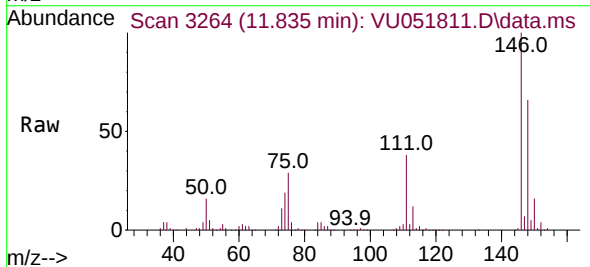
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MS

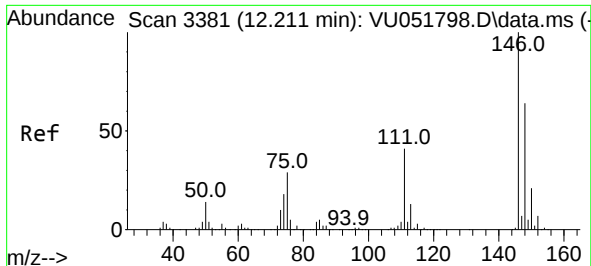
Tgt Ion:146 Resp: 203398
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 63.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.805 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051811.D
Acq: 10 Nov 2022 19:32

Tgt Ion:146 Resp: 200141
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.5
148 65.6 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.976 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MS

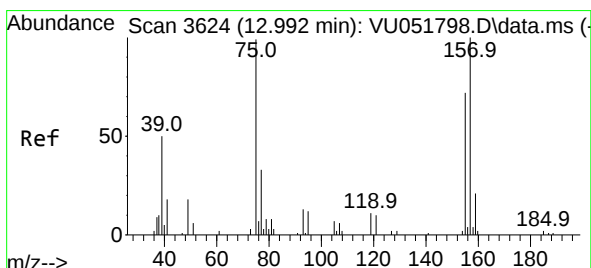
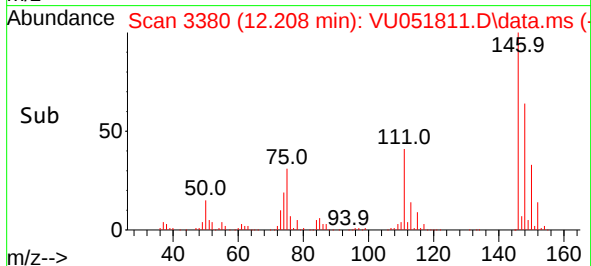
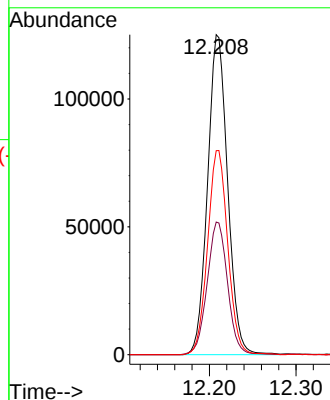
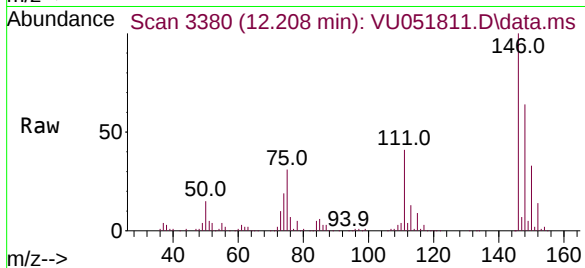
Tgt Ion:146 Resp: 201352

Ion Ratio Lower Upper

146 100

111 41.4 34.2 51.2

148 63.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.373 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

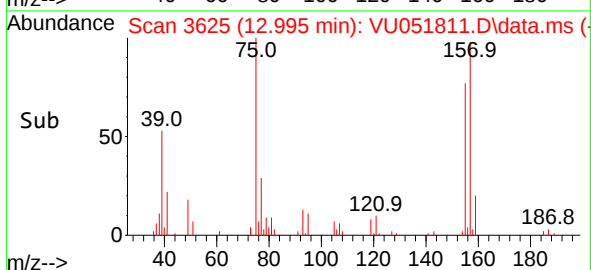
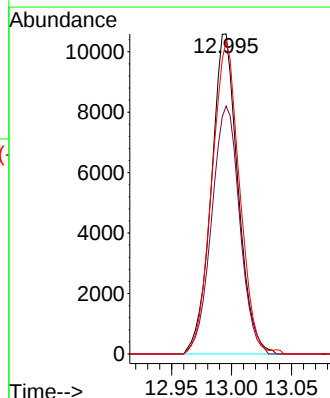
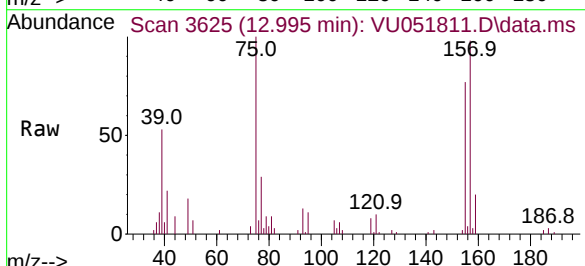
Tgt Ion: 75 Resp: 16354

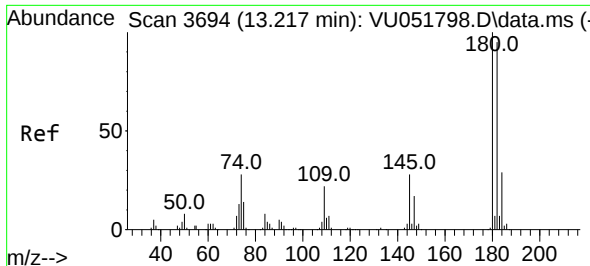
Ion Ratio Lower Upper

75 100

155 77.5 61.4 92.2

157 97.8 86.7 130.1

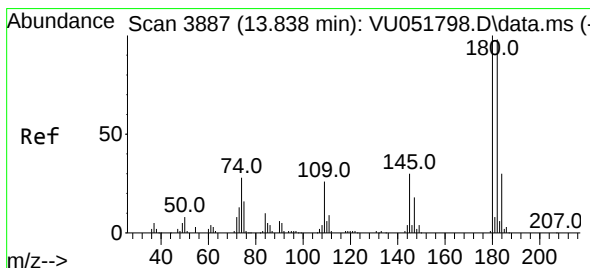
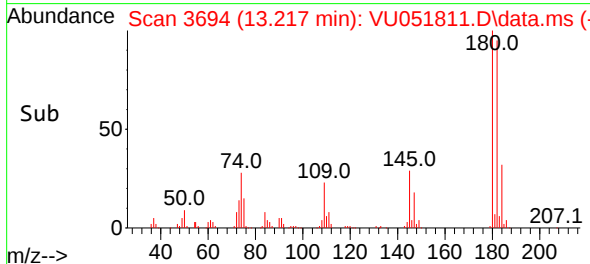
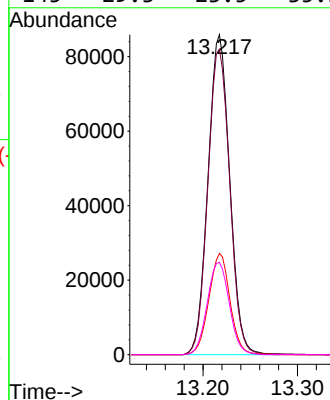
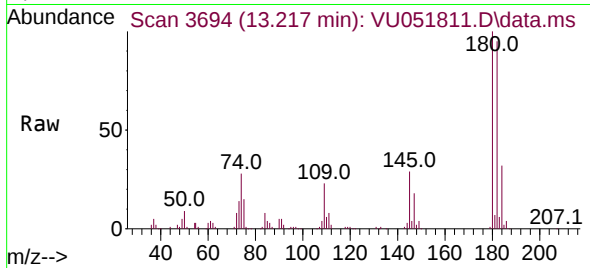




#69
 1,3,5-Trichlorobenzene
 Concen: 4.635 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

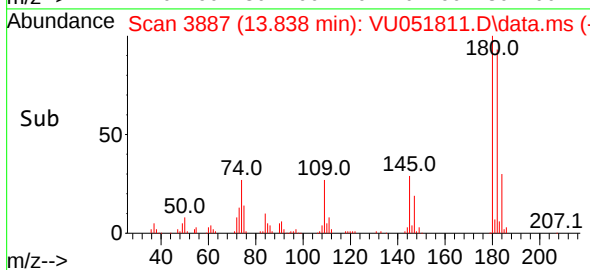
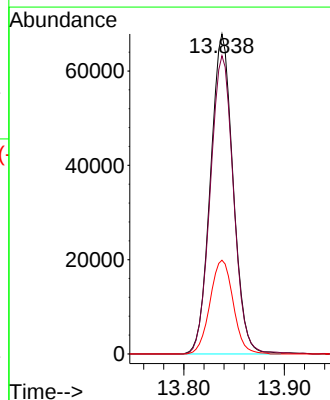
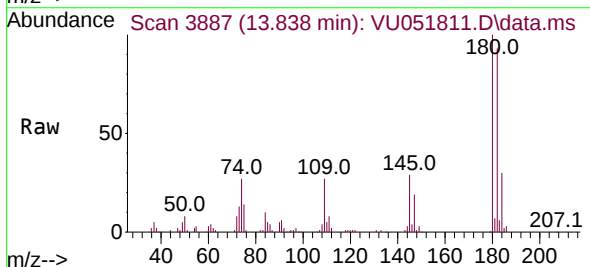
Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MS

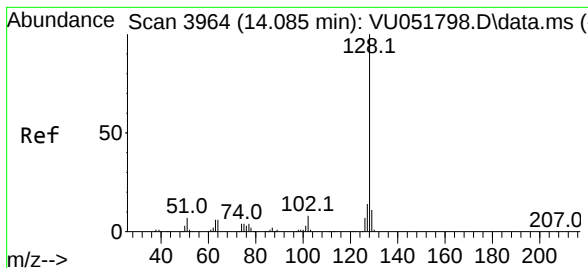
Tgt Ion:	180	Resp:	137246
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.0	115.6
184	30.8	23.7	35.5
145	29.3	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.672 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051811.D
 Acq: 10 Nov 2022 19:32

Tgt Ion:	180	Resp:	106207
Ion Ratio	Lower	Upper	
180	100		
182	95.6	77.8	116.6
145	30.0	25.0	37.6





#71

Naphthalene

Concen: 4.687 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MS

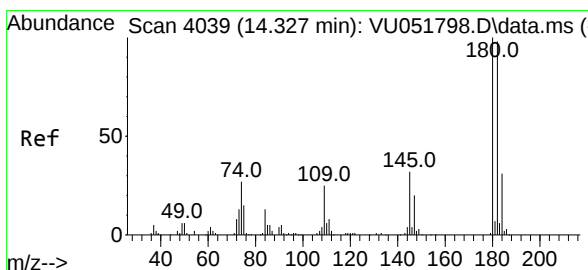
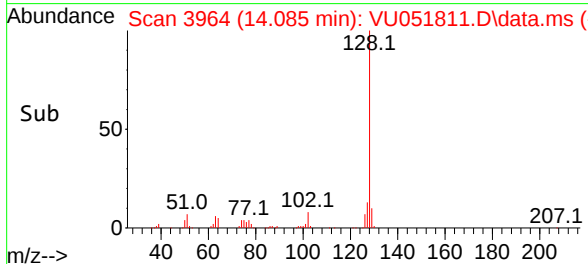
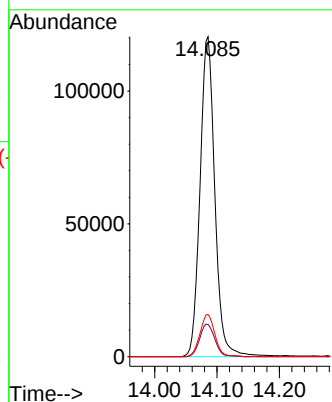
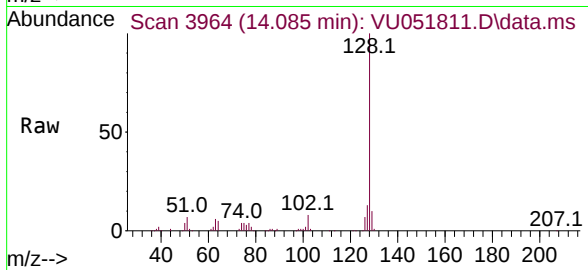
Tgt Ion:128 Resp: 198892

Ion Ratio Lower Upper

128 100

129 10.4 8.4 12.6

127 13.3 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.780 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051811.D

Acq: 10 Nov 2022 19:32

Tgt Ion:180 Resp: 109733

Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 32.4 25.6 38.4

