

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051812.D
 Acq On : 10 Nov 2022 19:58
 Operator : JC/MD
 Sample : N5571-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MSD

Quant Time: Nov 11 00:42:04 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	231188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69696	4.003	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.909	69	67388	3.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.565	65	29312	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.620	46	228052	36.165	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.340%
24) Chloroform-d	5.060	84	161246	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.700	65	79941	3.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
32) Benzene-d6	5.726	84	320102	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	104379	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.896	98	293025	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.176	79	36000	4.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.629	63	195993	41.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.700%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101355	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	106019	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	86432	3.419	ug/L	99
3) Chloromethane	1.527	50	106327	3.336	ug/L	100
5) Vinyl chloride	1.604	62	107864	3.533	ug/L	# 81
6) Bromomethane	1.848	94	74343	5.136	ug/L	99
8) Chloroethane	1.929	64	69579	3.753	ug/L	99
9) Trichlorofluoromethane	2.138	101	127187	3.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	79135	4.016	ug/L	98
12) 1,1-Dichloroethene	2.578	96	73384	3.651	ug/L	94
13) Acetone	2.623	43	162328	50.735	ug/L	99
14) Carbon disulfide	2.790	76	185117	2.857	ug/L	100
15) Methyl Acetate	2.948	43	38948	4.650	ug/L	95
16) Methylene chloride	3.044	84	103747	3.151	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	212727	4.616	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	82638	3.831	ug/L	96
19) 1,1-Dichloroethane	3.867	63	173887	4.371	ug/L	98
21) 2-Butanone	4.697	43	261776	52.246	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	101529	4.254	ug/L	99
23) Bromochloromethane	4.970	128	48844	4.377	ug/L	97
25) Chloroform	5.086	83	188614	4.570	ug/L	100

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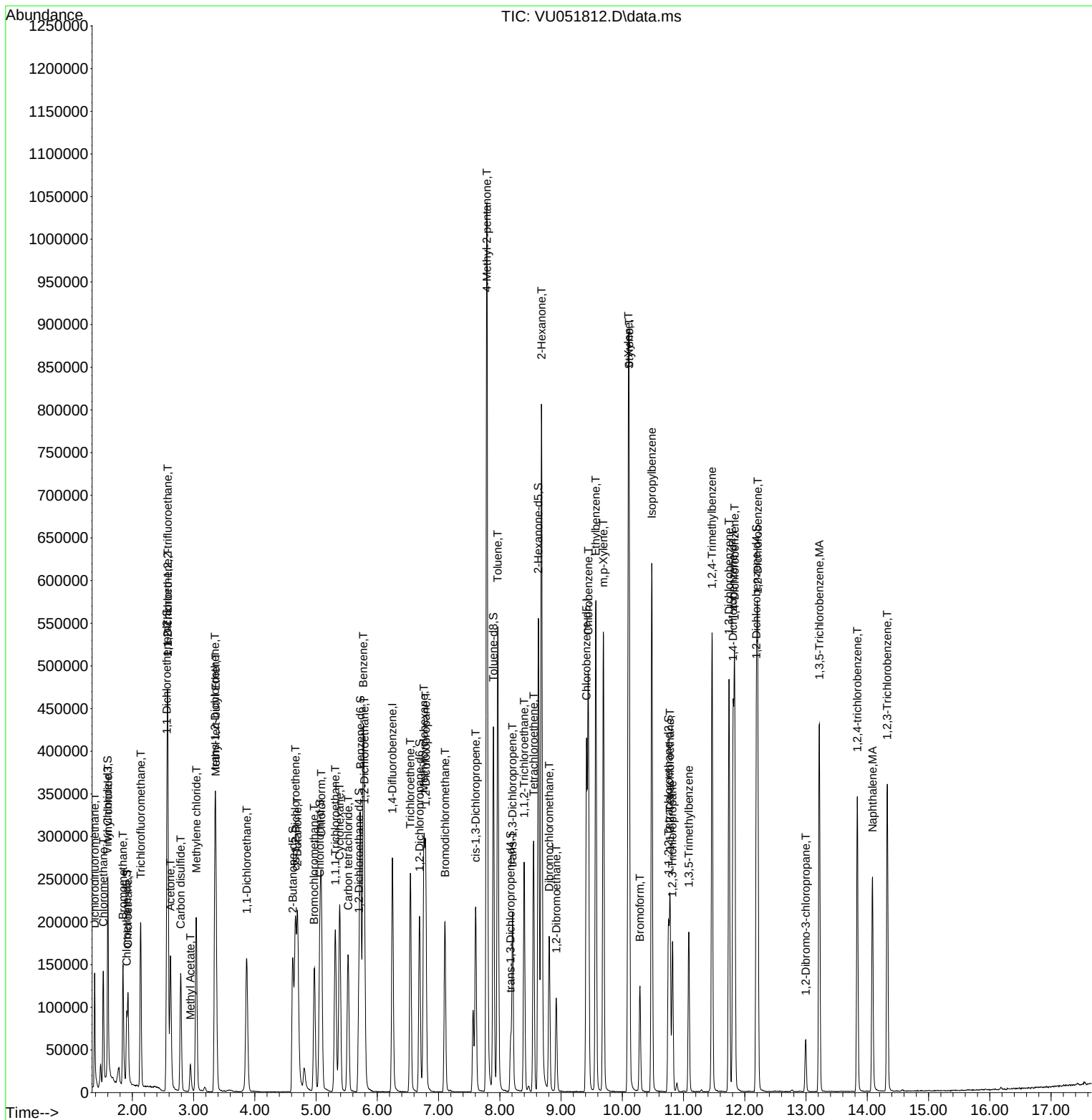
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 ClientSampleId :
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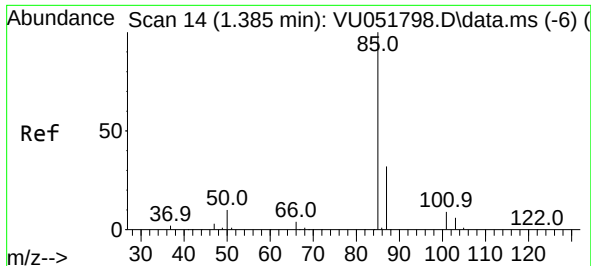
Quant Time: Nov 11 00:42:04 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	110638	4.356	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	136466	4.359	ug/L	100
30) Cyclohexane	5.385	56	100772	3.496	ug/L	99
31) Carbon tetrachloride	5.523	117	113216	4.229	ug/L	100
33) Benzene	5.771	78	388076	4.265	ug/L	100
34) Trichloroethene	6.539	95	91359	4.161	ug/L	99
35) Methylcyclohexane	6.761	83	106887	3.521	ug/L	99
37) 1,2-Dichloropropane	6.790	63	108385	4.631	ug/L	100
38) Bromodichloromethane	7.105	83	133745	4.679	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	135145	4.501	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	651586	55.510	ug/L	100
42) Toluene	7.967	91	415429	4.446	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	119338	4.756	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	83724	4.882	ug/L	99
47) Tetrachloroethene	8.552	164	67092	3.990	ug/L	96
48) 2-Hexanone	8.681	43	480301	55.279	ug/L	99
49) Dibromochloromethane	8.806	129	96289	4.915	ug/L	98
50) 1,2-Dibromoethane	8.922	107	75847	4.902	ug/L	96
51) Chlorobenzene	9.446	112	269608	4.584	ug/L	99
52) Ethylbenzene	9.568	91	396928	4.402	ug/L	99
53) m,p-Xylene	9.690	106	158368	4.522	ug/L	99
54) o-Xylene	10.099	106	158517	4.631	ug/L	97
55) Styrene	10.111	104	280522	4.902	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	114725	5.395	ug/L	100
59) Bromoform	10.288	173	56949	5.354	ug/L	100
60) Isopropylbenzene	10.481	105	392445	4.670	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	77433	5.201	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	101255	4.475	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	292996	4.491	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	204324	4.884	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	201162	4.795	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	202070	4.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	16745	5.463	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	138504	4.644	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109205	4.770	ug/L	98
71) Naphthalene	14.086	128	210728	4.931	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	114258	4.942	ug/L	100

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

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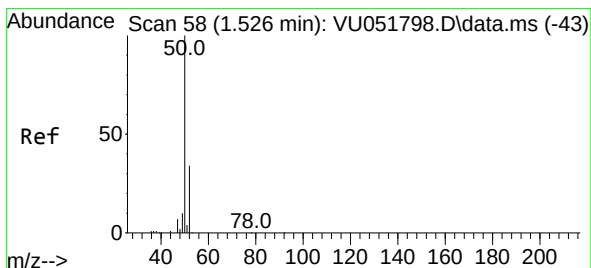
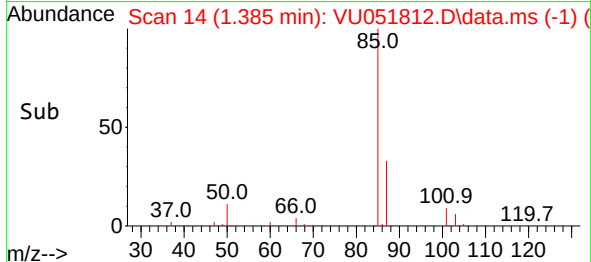
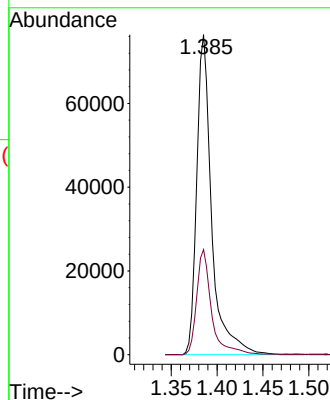
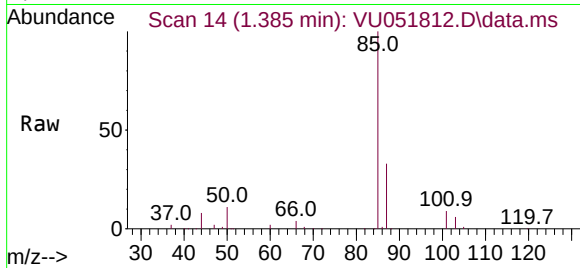




#2
Dichlorodifluoromethane
Concen: 3.419 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

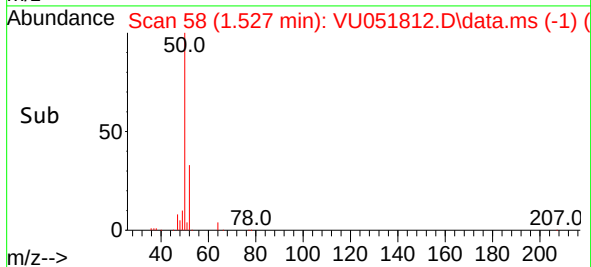
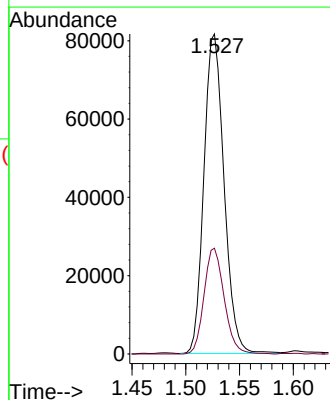
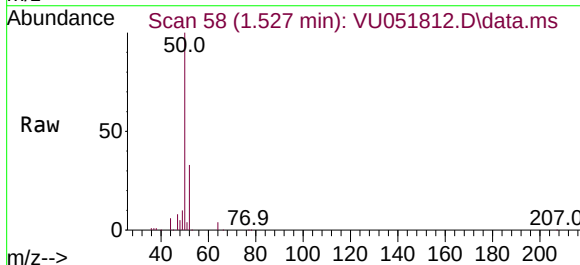
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MSVOA_U
ClientSampleId :
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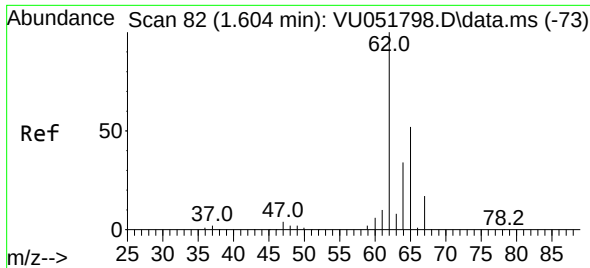
Tgt Ion: 85 Resp: 86432
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5



#3
Chloromethane
Concen: 3.336 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 50 Resp: 106327
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

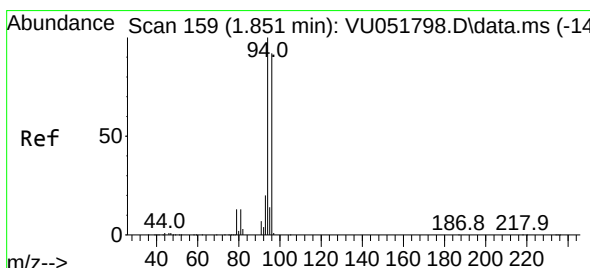
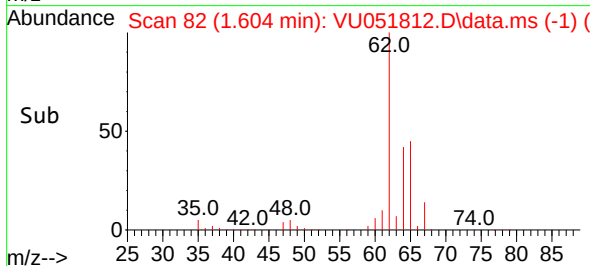
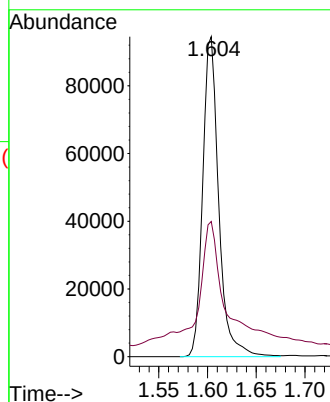
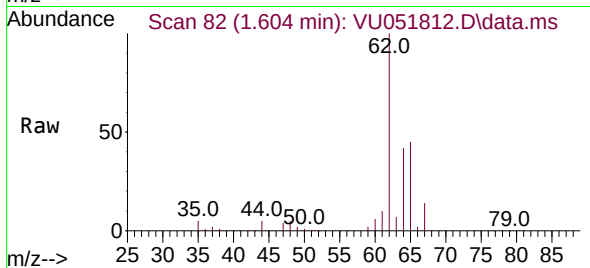




#5
 Vinyl chloride
 Concen: 3.533 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

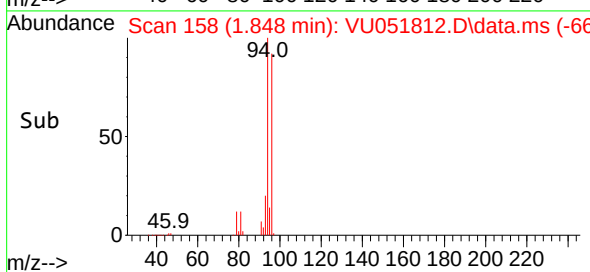
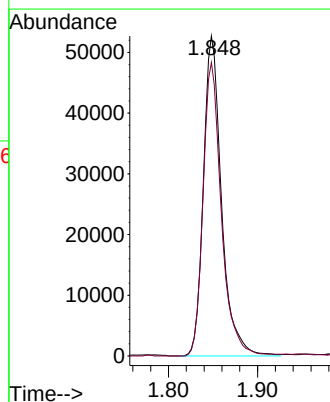
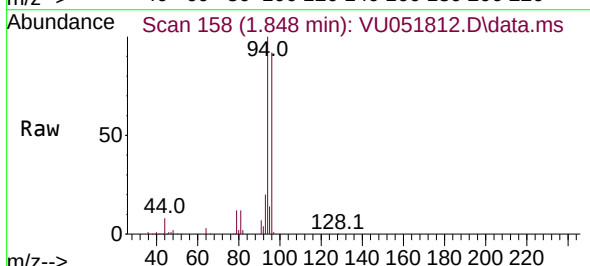
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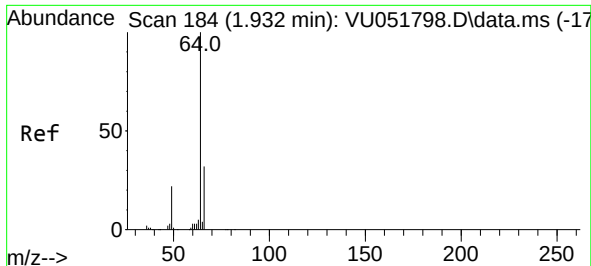
Tgt Ion: 62 Resp: 107864
 Ion Ratio Lower Upper
 62 100
 64 42.3 22.1 41.1#



#6
 Bromomethane
 Concen: 5.136 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.003 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

Tgt Ion: 94 Resp: 74343
 Ion Ratio Lower Upper
 94 100
 96 91.7 63.2 117.4

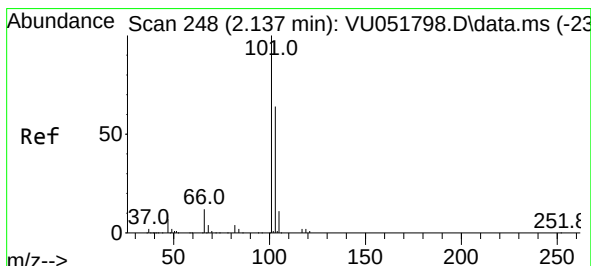
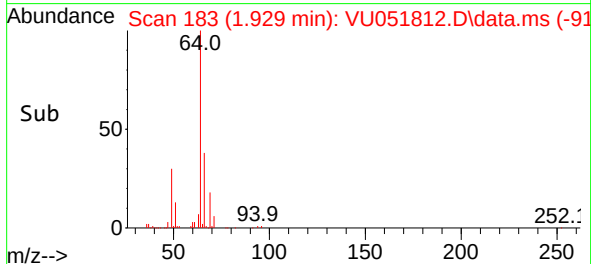
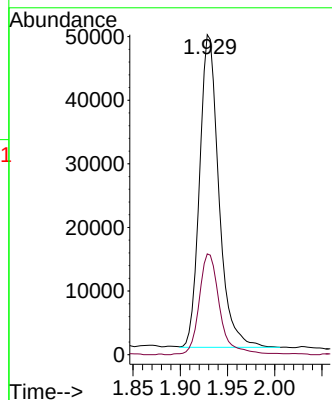
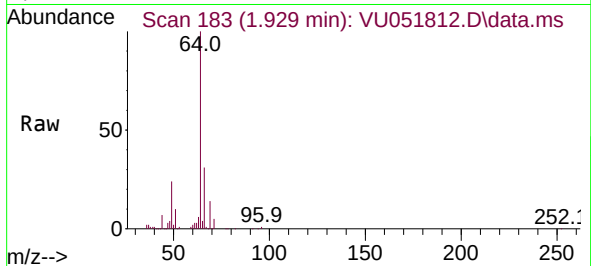




#8
Chloroethane
Concen: 3.753 ug/L
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

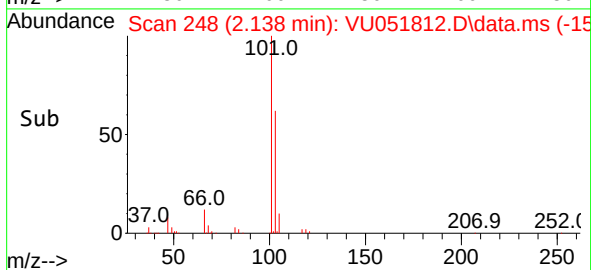
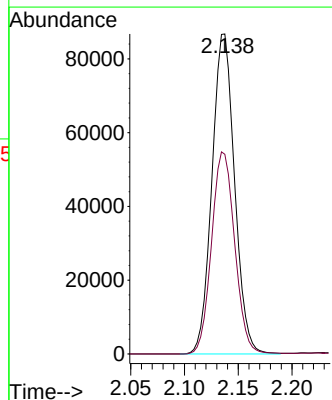
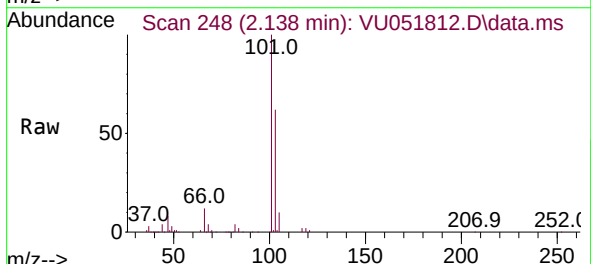
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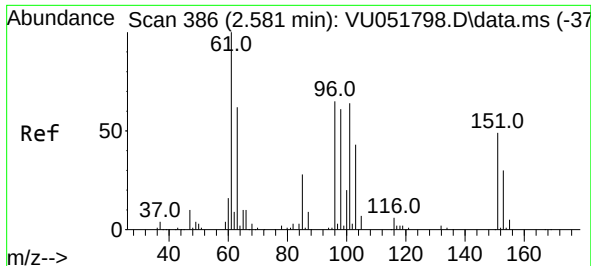
Tgt Ion: 64 Resp: 69579
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 3.795 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 101 Resp: 127187
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

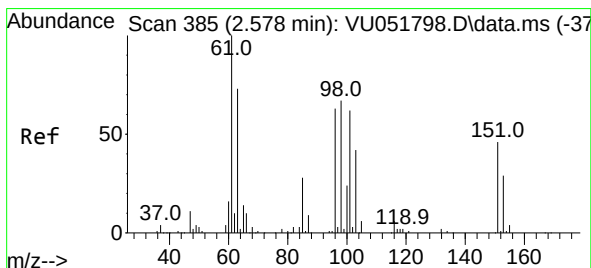
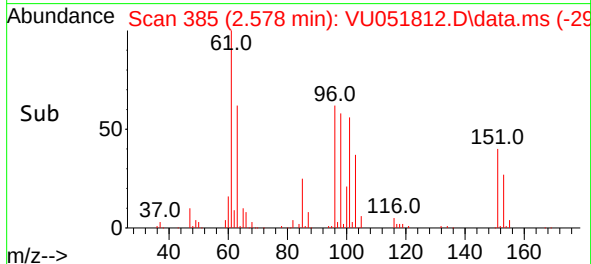
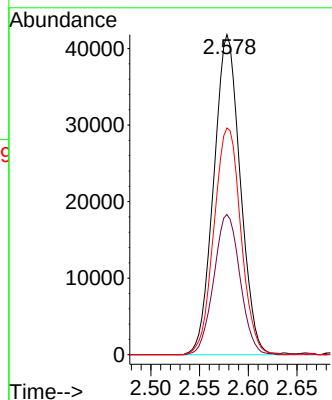
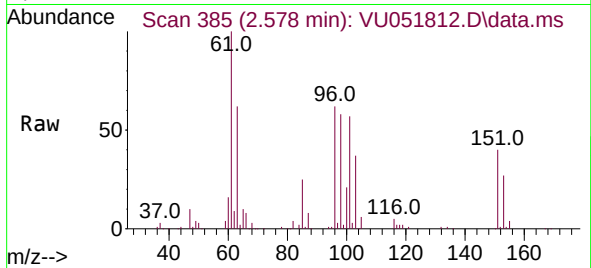




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.016 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

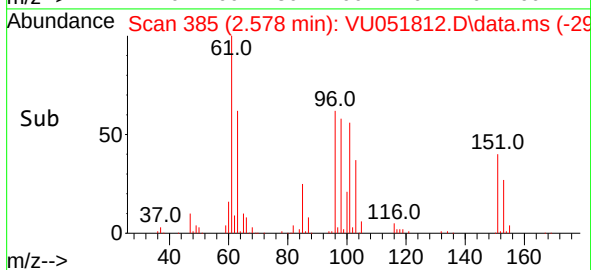
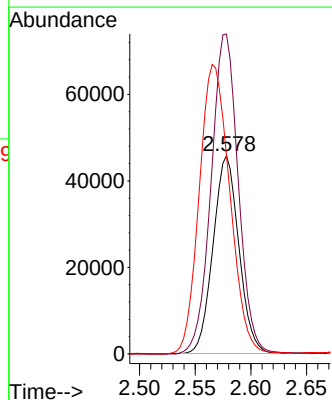
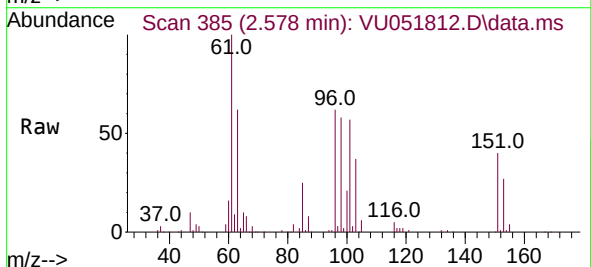
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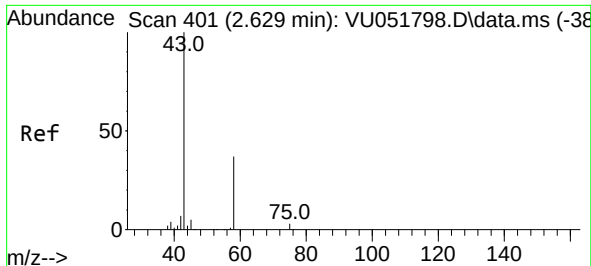
Tgt Ion:101 Resp: 79135
Ion Ratio Lower Upper
101 100
85 43.4 35.6 53.4
151 72.2 59.6 89.4



#12
1,1-Dichloroethene
Concen: 3.651 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 96 Resp: 73384
Ion Ratio Lower Upper
96 100
61 161.4 108.8 202.0
63 100.4 64.9 120.5





#13

Acetone

Concen: 50.735 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

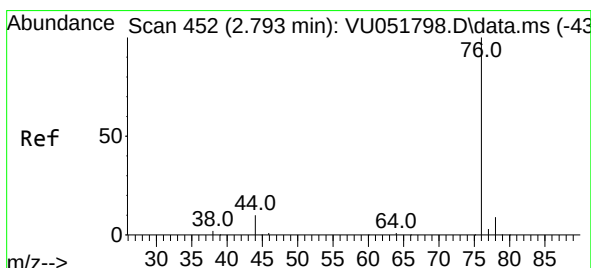
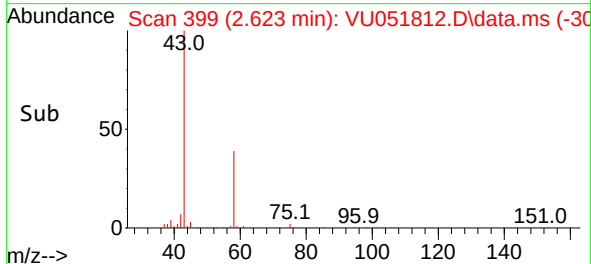
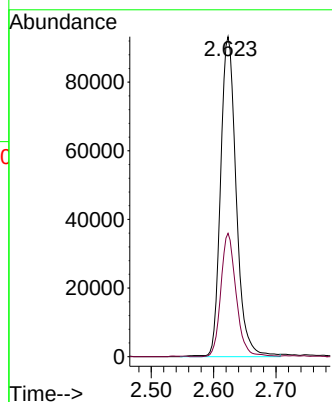
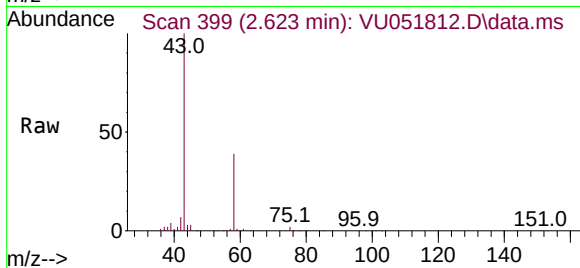
GBMW5MSD

Tgt Ion: 43 Resp: 162328

Ion Ratio Lower Upper

43 100

58 37.6 0.0 73.8



#14

Carbon disulfide

Concen: 2.857 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051812.D

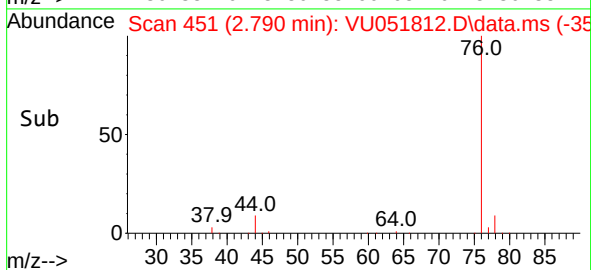
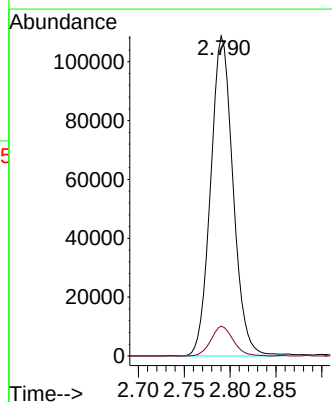
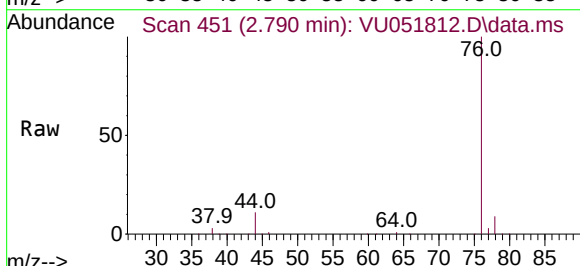
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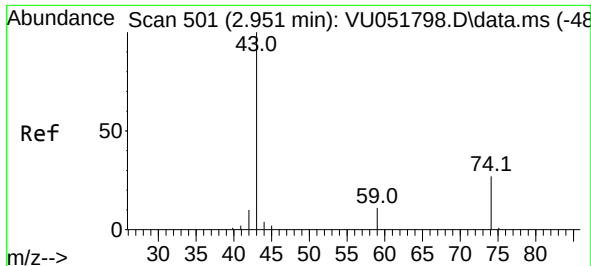
Tgt Ion: 76 Resp: 185117

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

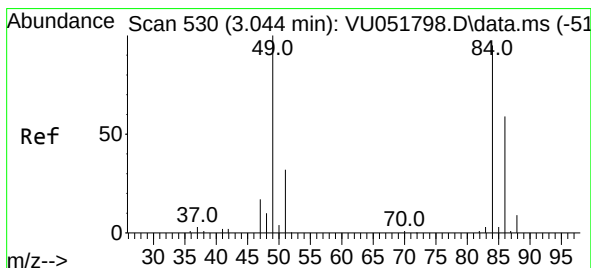
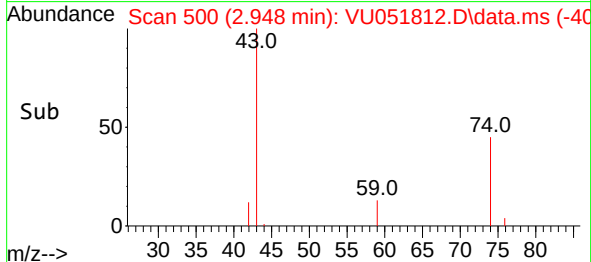
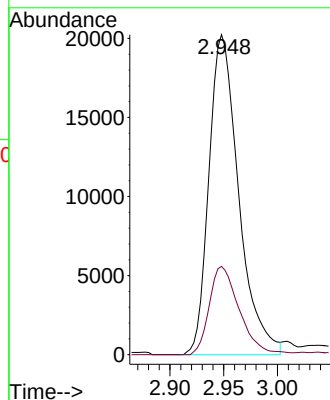
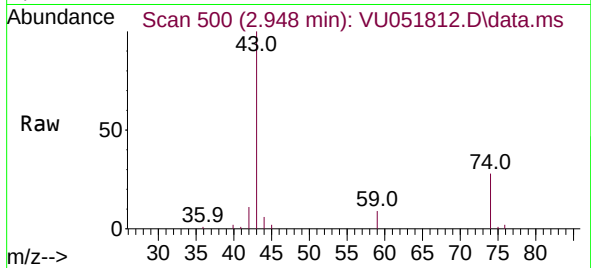




#15
Methyl Acetate
Concen: 4.650 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

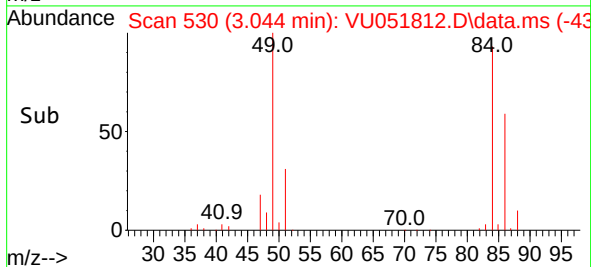
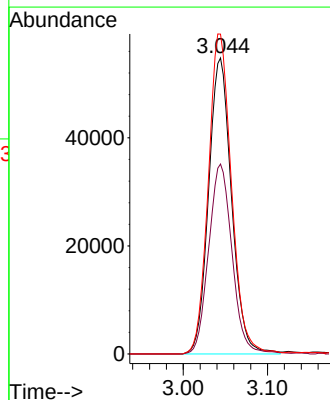
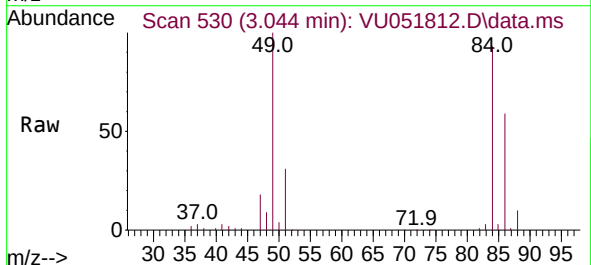
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

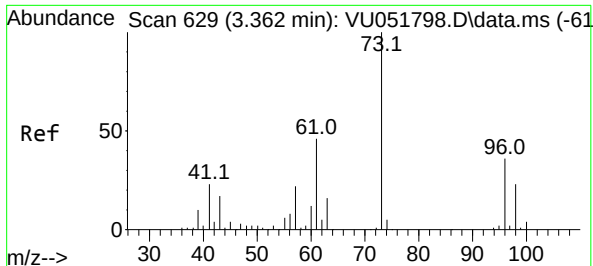
Tgt Ion: 43 Resp: 38948
Ion Ratio Lower Upper
43 100
74 27.8 20.2 30.4



#16
Methylene chloride
Concen: 3.151 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 84 Resp: 103747
Ion Ratio Lower Upper
84 100
86 64.1 46.3 85.9
49 108.0 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 4.616 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MSD

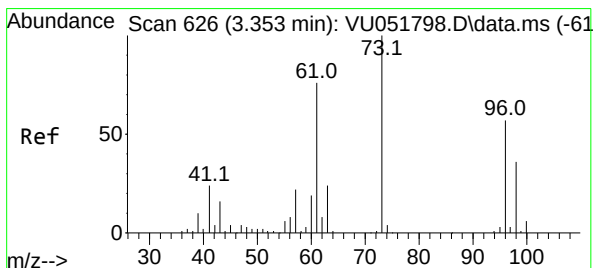
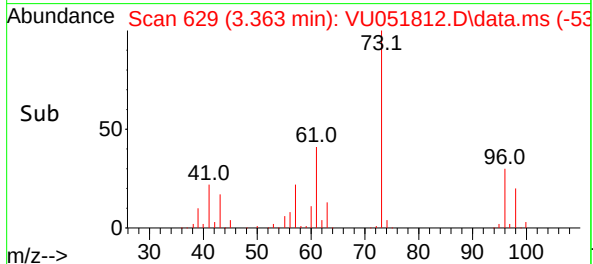
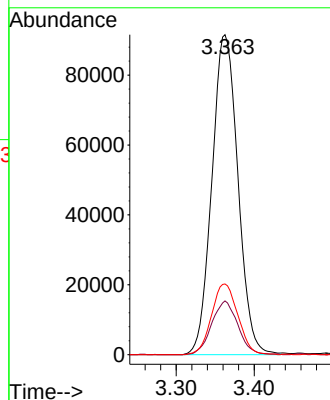
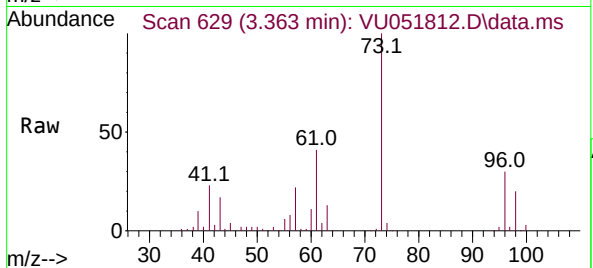
Tgt Ion: 73 Resp: 212727

Ion Ratio Lower Upper

73 100

43 16.9 13.6 20.4

57 22.4 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 3.831 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

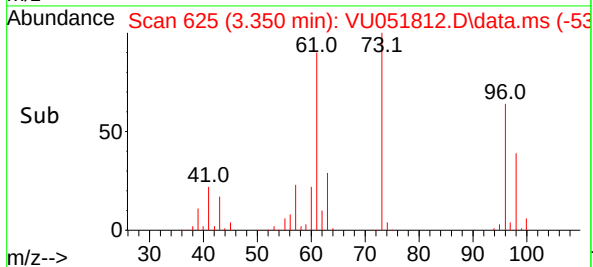
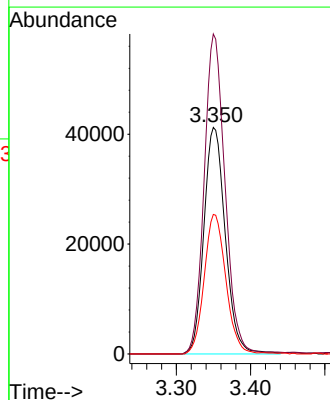
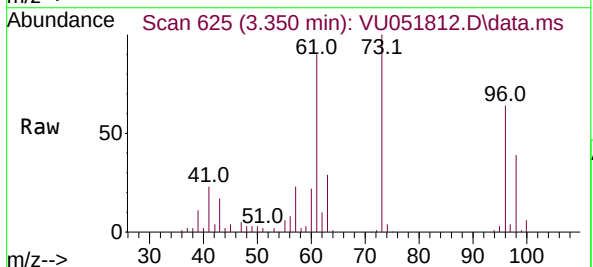
Tgt Ion: 96 Resp: 82638

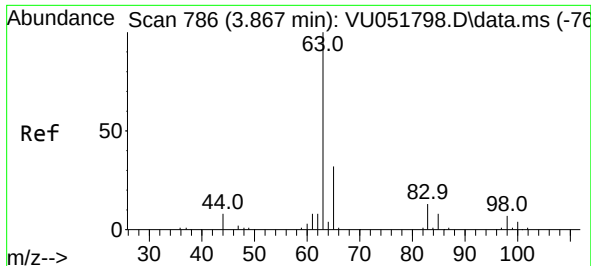
Ion Ratio Lower Upper

96 100

61 141.2 94.7 175.9

98 61.6 44.2 82.0

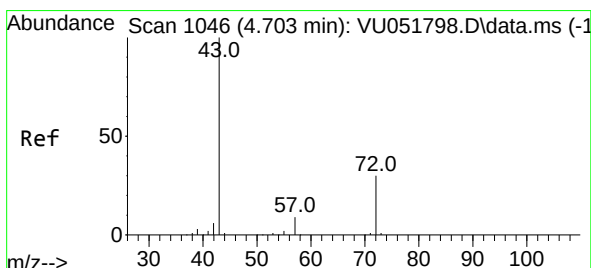
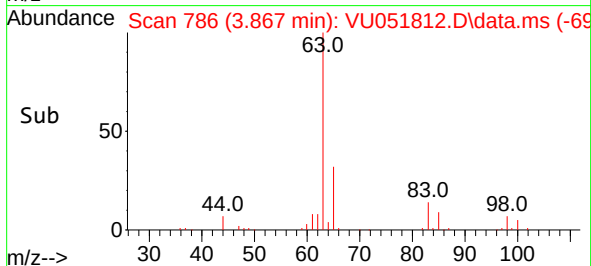
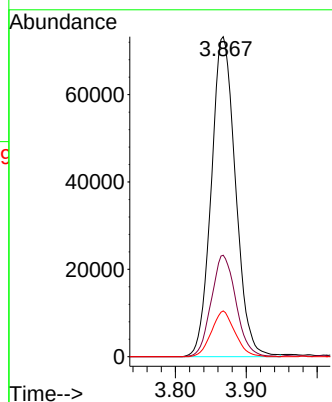
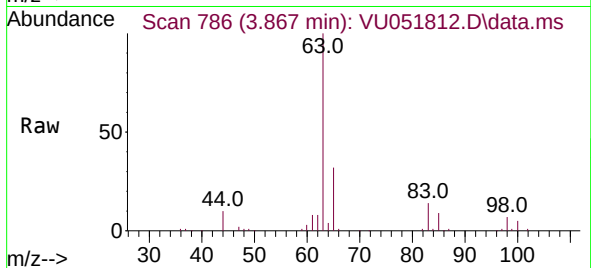




#19
1,1-Dichloroethane
Concen: 4.371 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

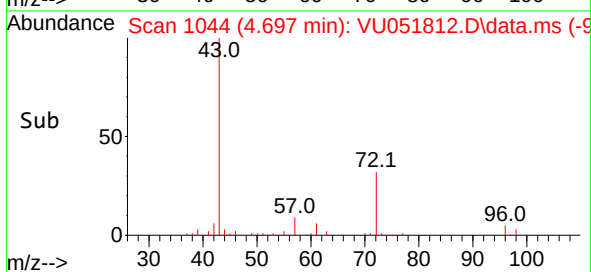
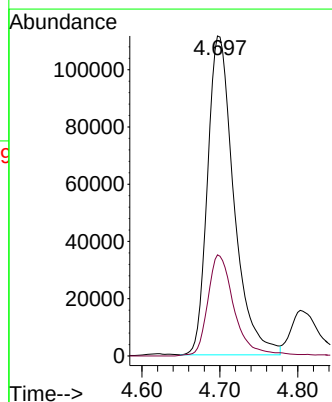
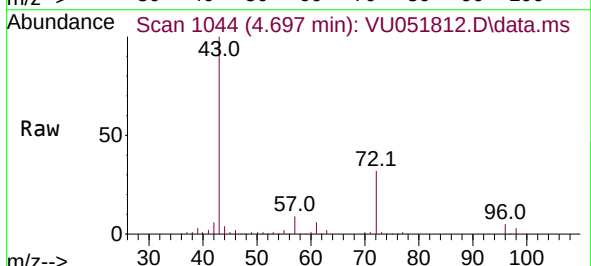
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

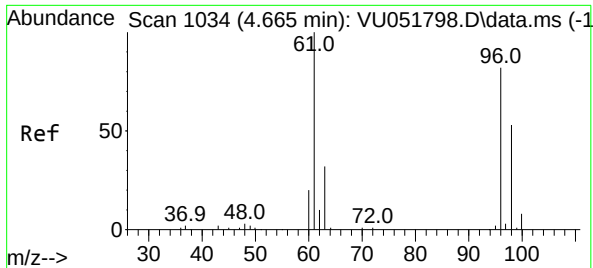
Tgt Ion: 63 Resp: 173887
Ion Ratio Lower Upper
63 100
65 31.7 22.7 42.1
83 14.3 9.2 17.0



#21
2-Butanone
Concen: 52.246 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 43 Resp: 261776
Ion Ratio Lower Upper
43 100
72 31.8 16.2 48.5

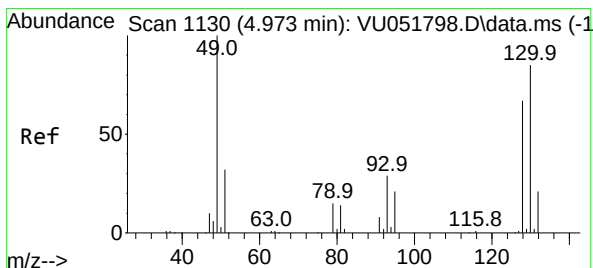
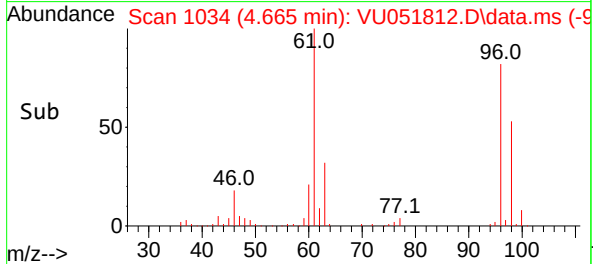
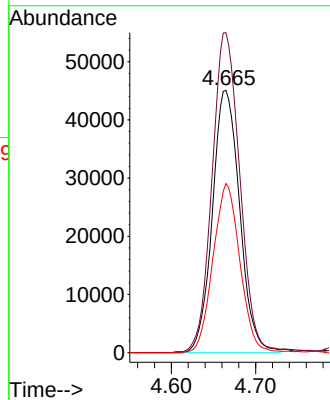
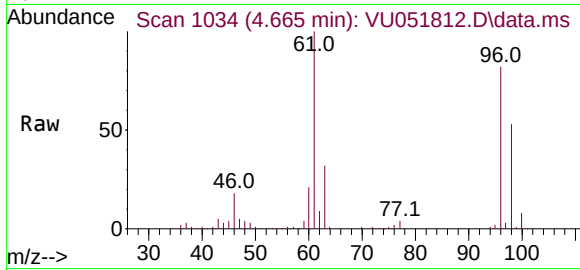




#22
 cis-1,2-Dichloroethene
 Concen: 4.254 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

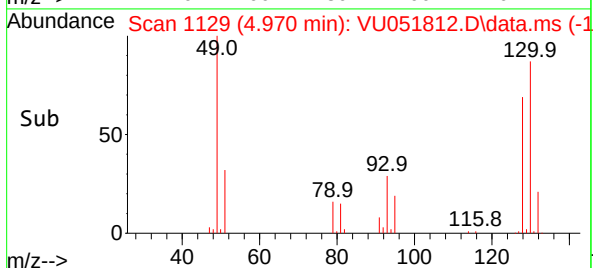
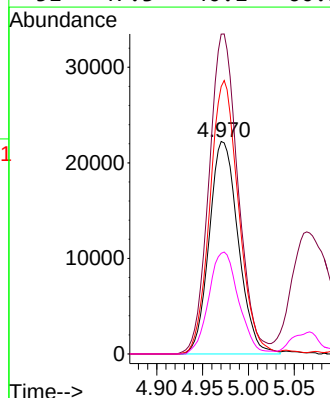
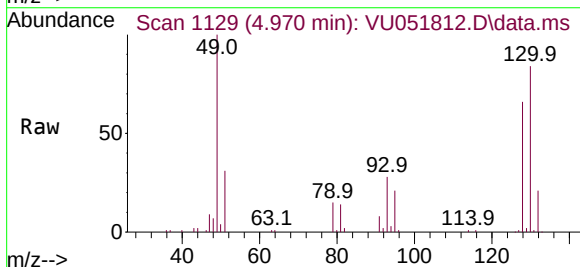
Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MSD

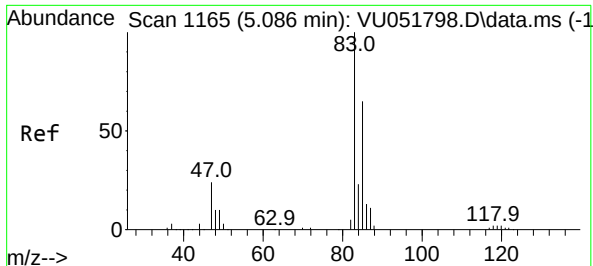
Tgt Ion: 96 Resp: 101529
 Ion Ratio Lower Upper
 96 100
 61 121.9 86.4 160.4
 98 64.4 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.377 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

Tgt Ion: 128 Resp: 48844
 Ion Ratio Lower Upper
 128 100
 49 150.5 105.5 195.9
 130 125.8 93.5 173.7
 51 47.3 40.1 60.1





#25

Chloroform

Concen: 4.570 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

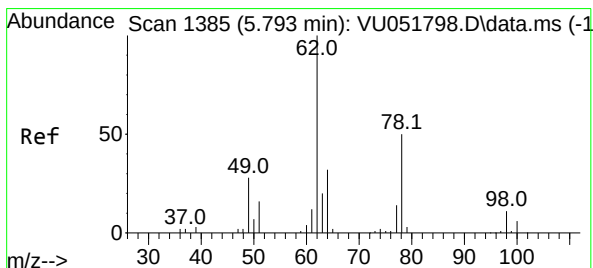
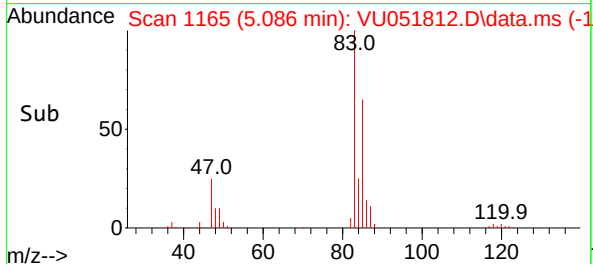
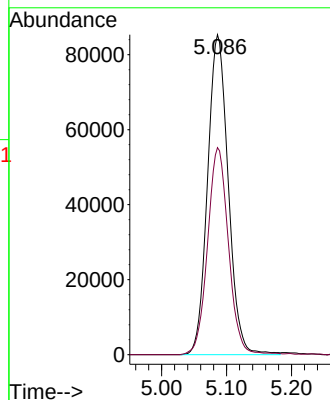
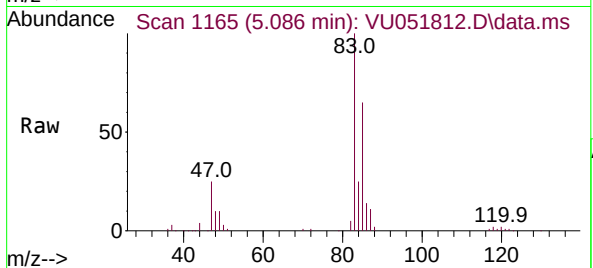
GBMW5MSD

Tgt Ion: 83 Resp: 188614

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.356 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051812.D

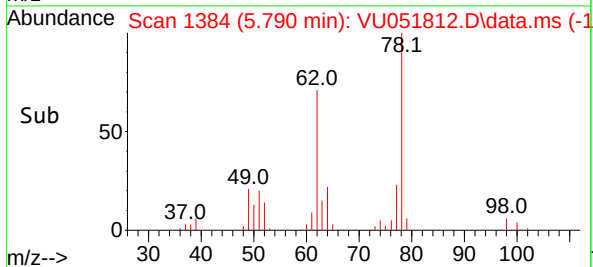
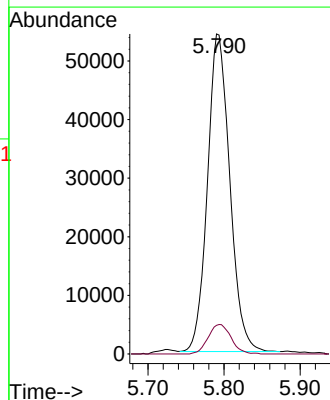
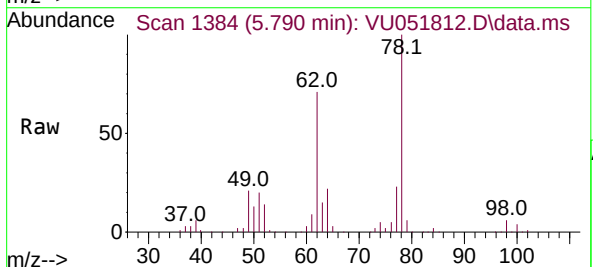
Acq: 10 Nov 2022 19:58

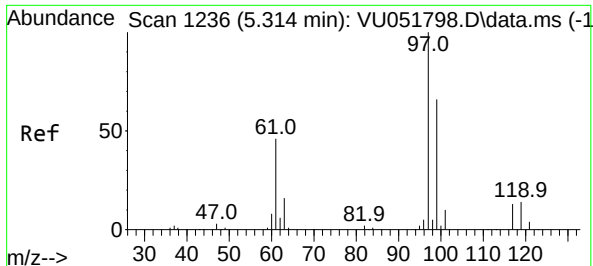
Tgt Ion: 62 Resp: 110638

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.359 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MSD

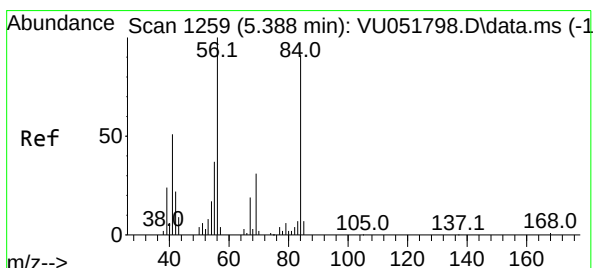
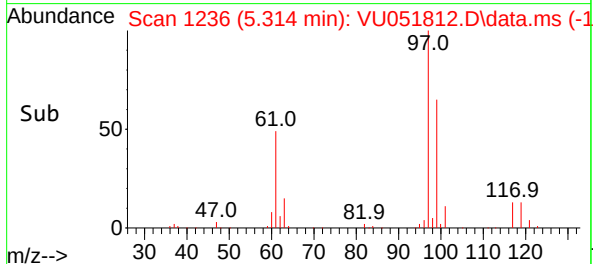
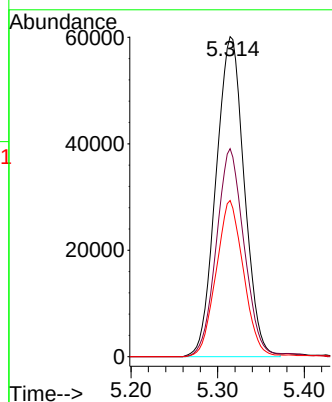
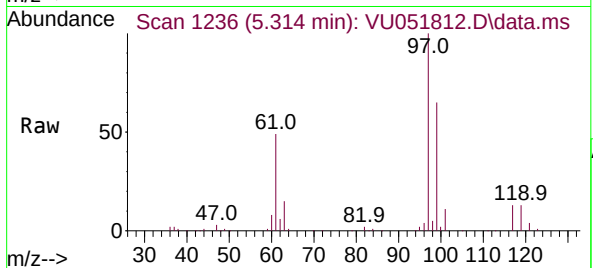
Tgt Ion: 97 Resp: 136466

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 47.2 37.4 56.0



#30

Cyclohexane

Concen: 3.496 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

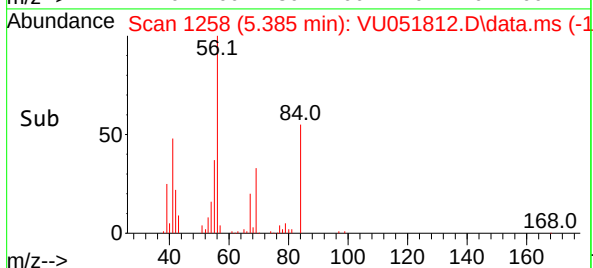
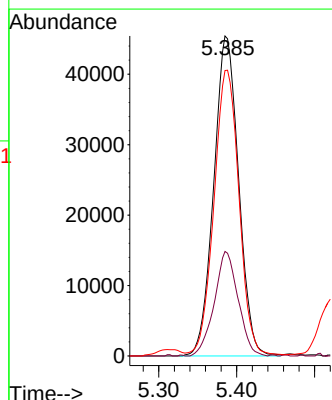
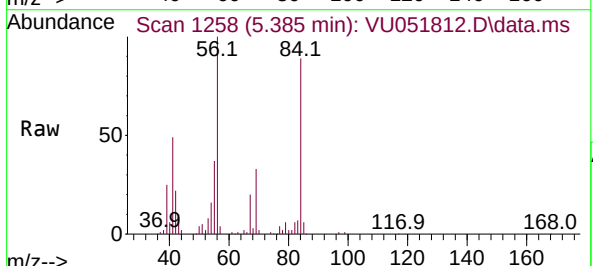
Tgt Ion: 56 Resp: 100772

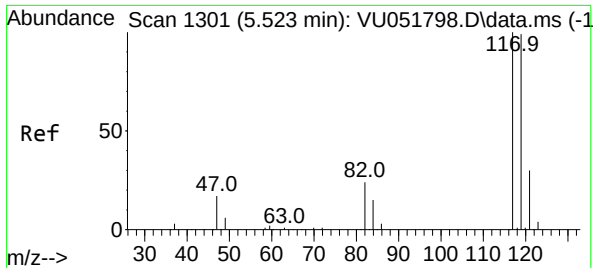
Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.0

84 90.4 71.4 107.0

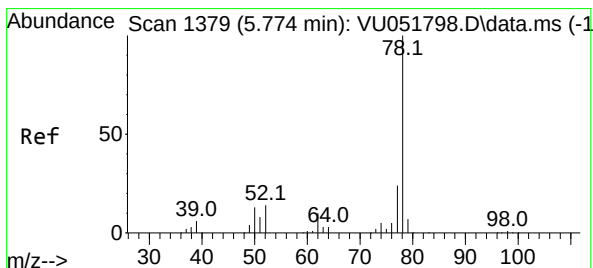
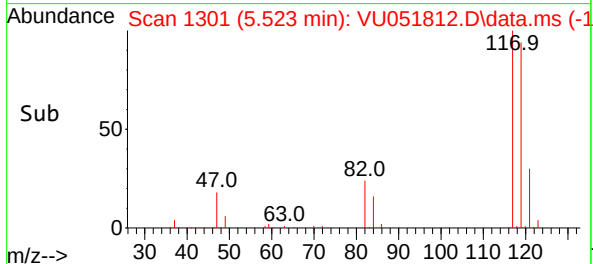
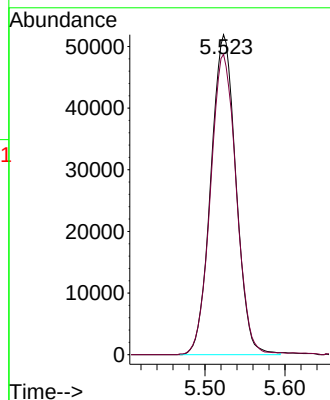
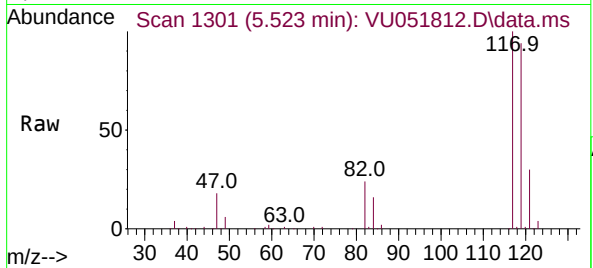




#31
Carbon tetrachloride
Concen: 4.229 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

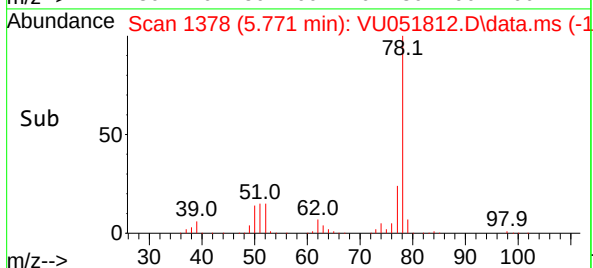
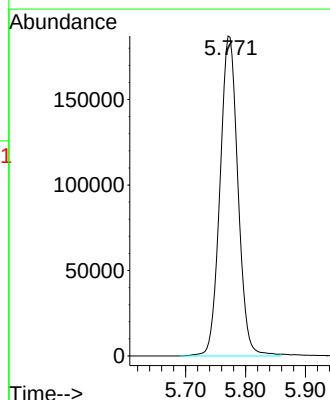
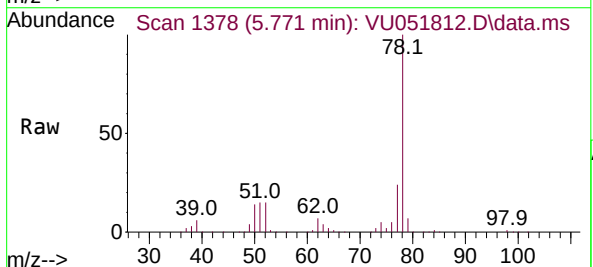
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

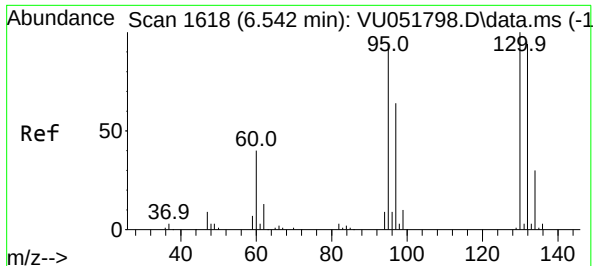
Tgt Ion:117 Resp: 113216
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 4.265 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 78 Resp: 388076

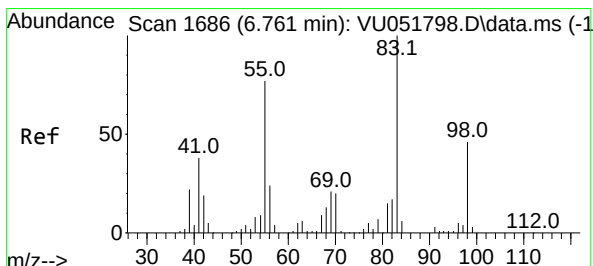
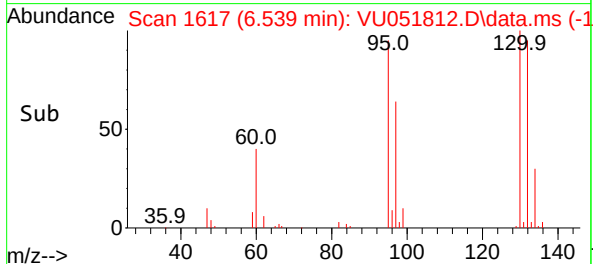
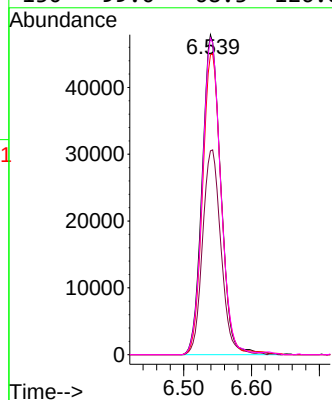
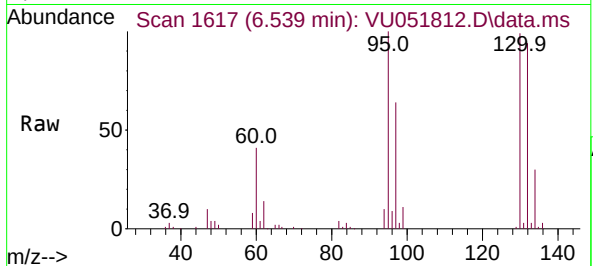




#34
Trichloroethene
Concen: 4.161 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

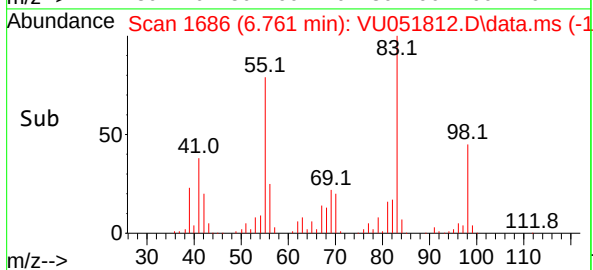
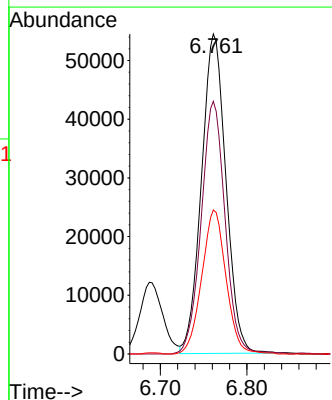
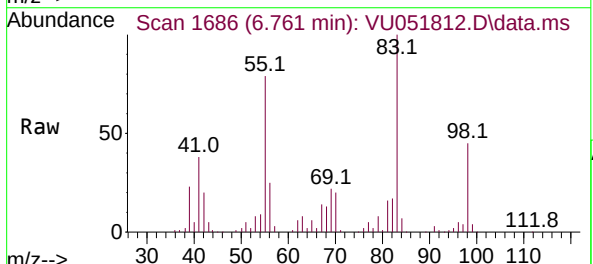
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

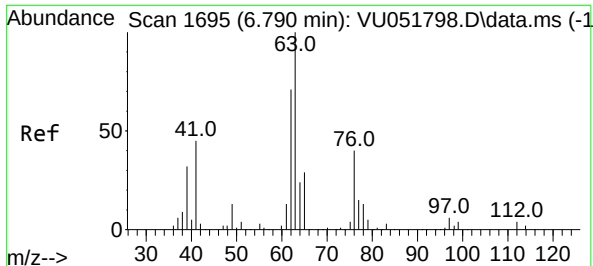
Tgt Ion: 95 Resp: 91359
Ion Ratio Lower Upper
95 100
97 63.7 45.2 84.0
132 93.7 66.5 123.5
130 99.0 68.3 126.8



#35
Methylcyclohexane
Concen: 3.521 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 83 Resp: 106887
Ion Ratio Lower Upper
83 100
55 77.2 60.6 90.8
98 44.7 35.8 53.6

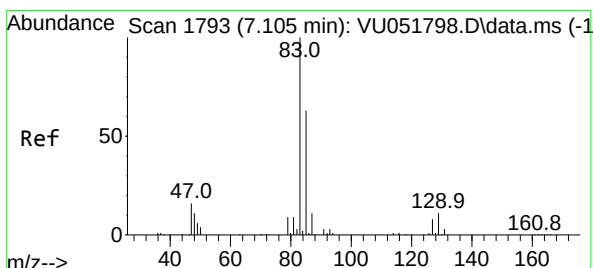
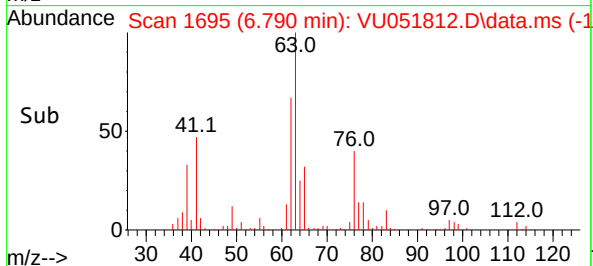
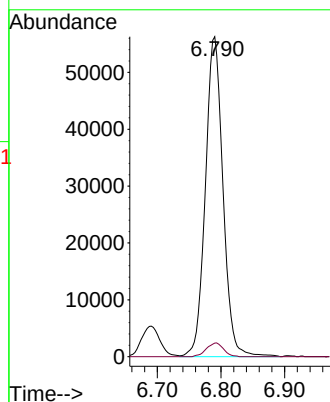
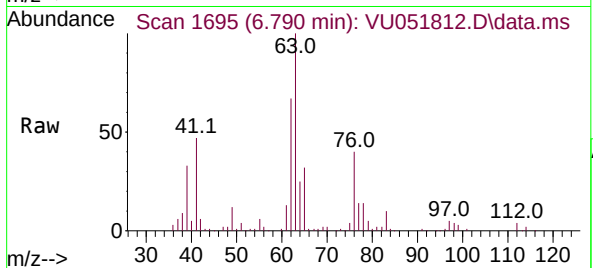




#37
1,2-Dichloropropane
Concen: 4.631 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

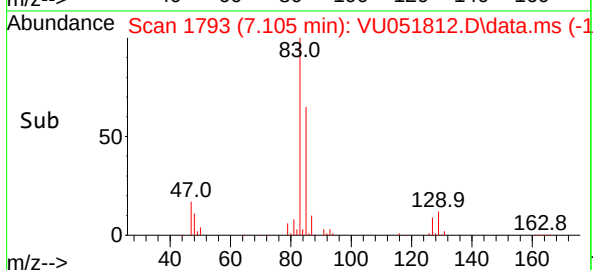
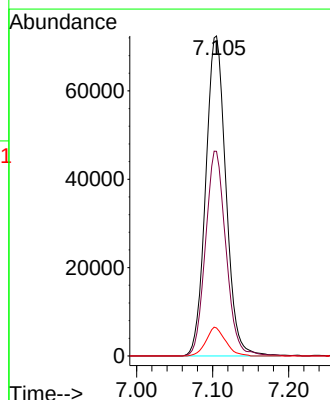
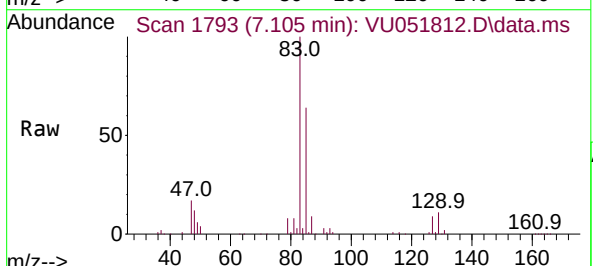
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

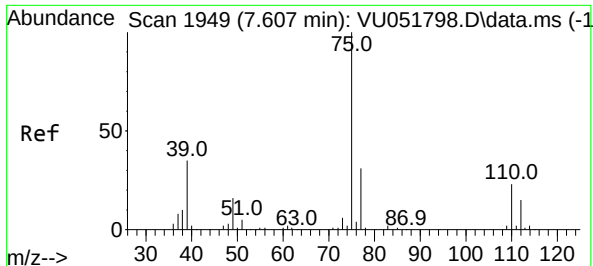
Tgt Ion: 63 Resp: 108385
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 4.679 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 83 Resp: 133745
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
127 8.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.501 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

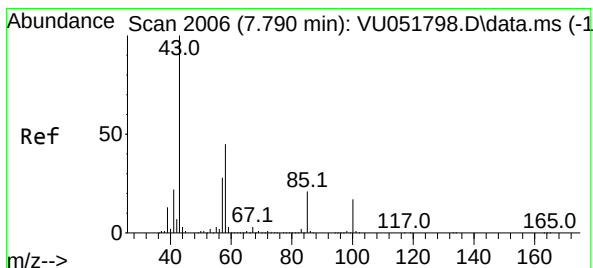
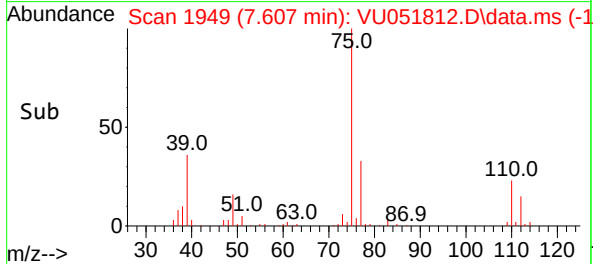
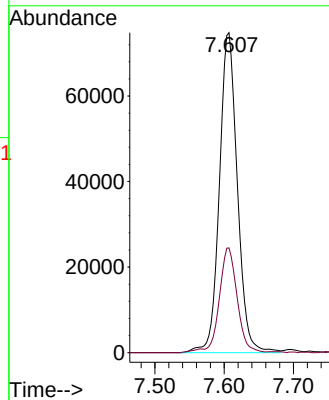
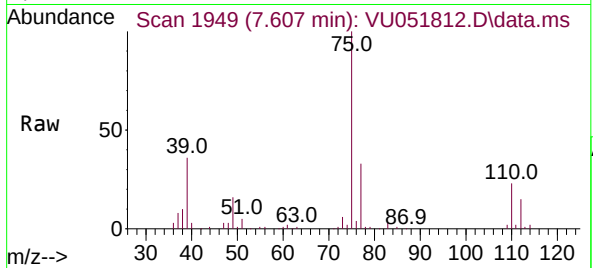
GBMW5MSD

Tgt Ion: 75 Resp: 135145

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.510 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

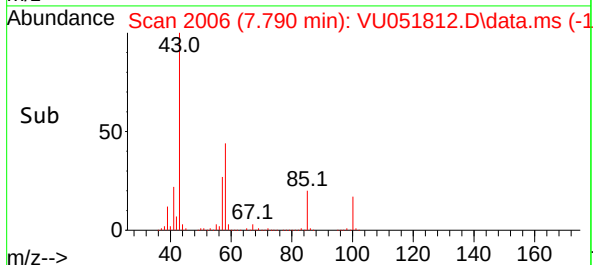
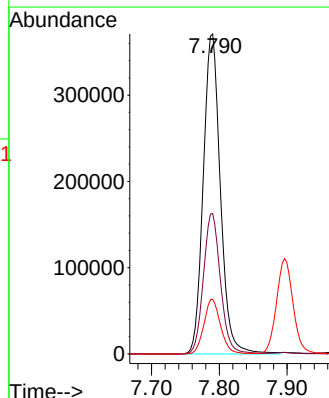
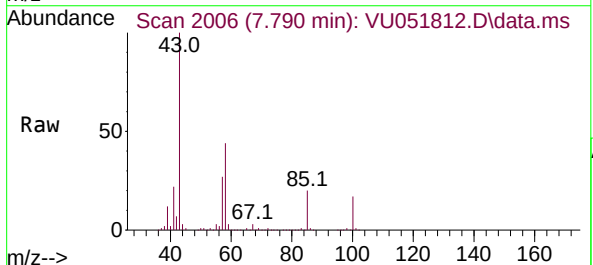
Tgt Ion: 43 Resp: 651586

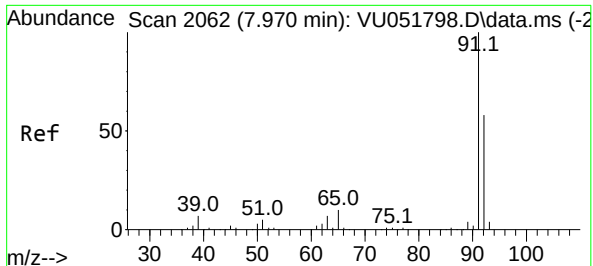
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 4.446 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

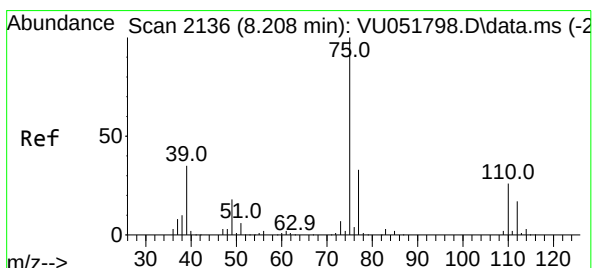
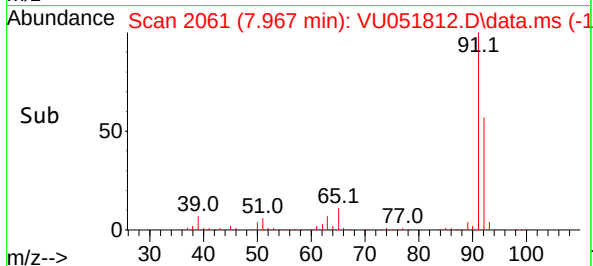
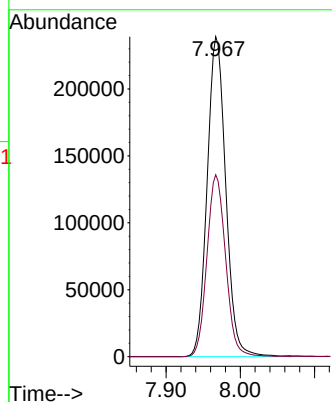
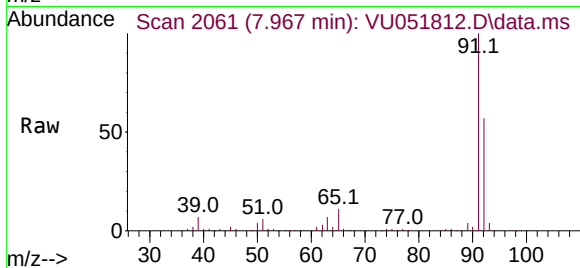
GBMW5MSD

Tgt Ion: 91 Resp: 415429

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.756 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051812.D

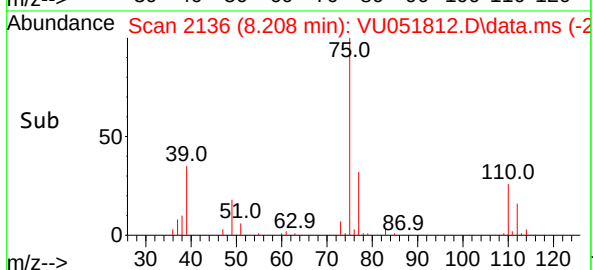
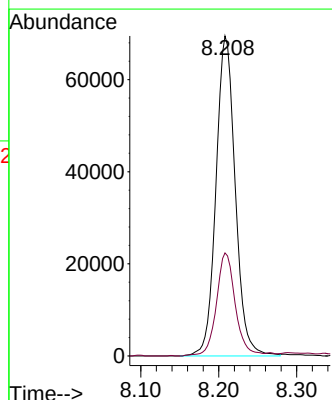
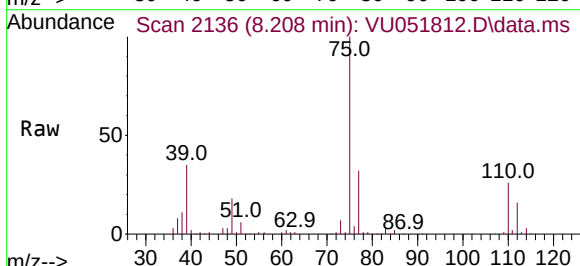
Acq: 10 Nov 2022 19:58

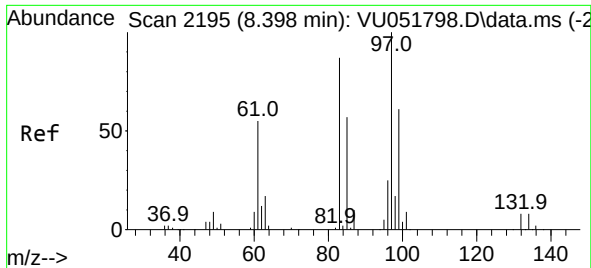
Tgt Ion: 75 Resp: 119338

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6

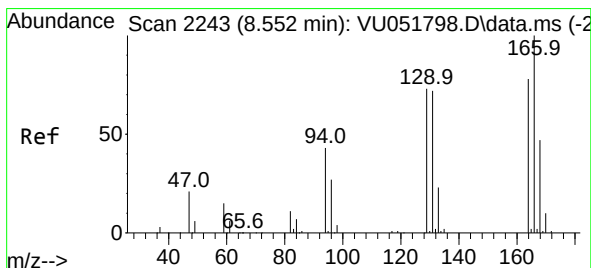
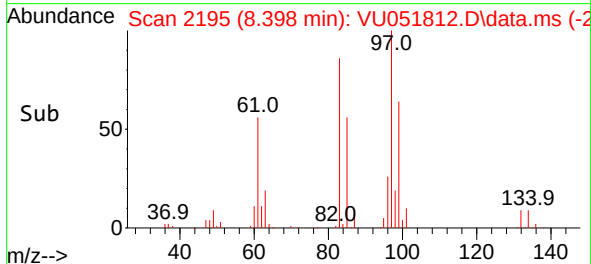
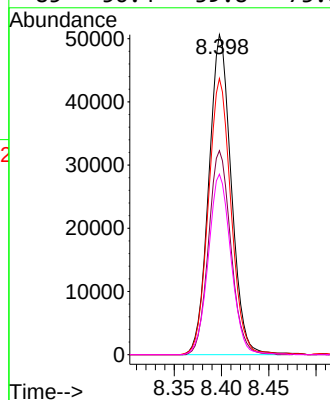
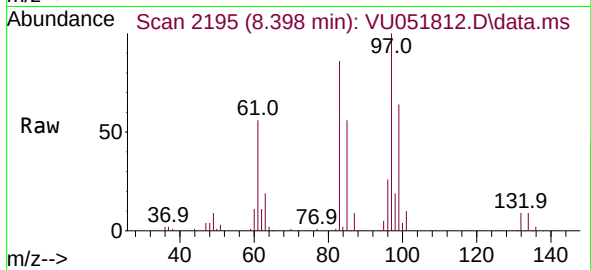




#45
1,1,2-Trichloroethane
Concen: 4.882 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

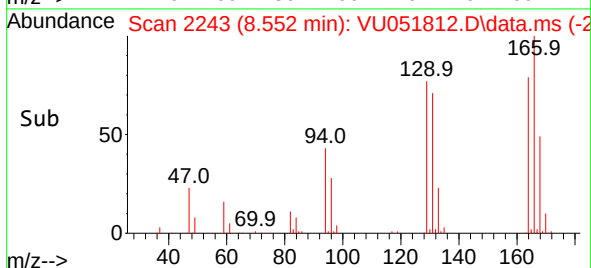
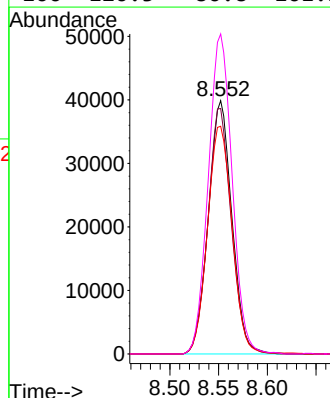
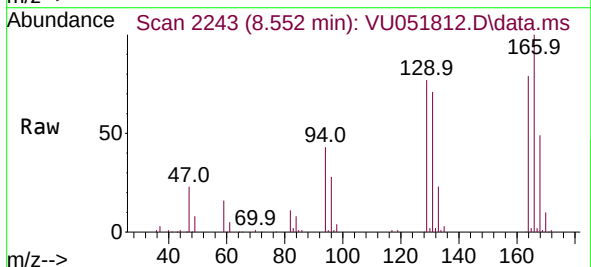
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

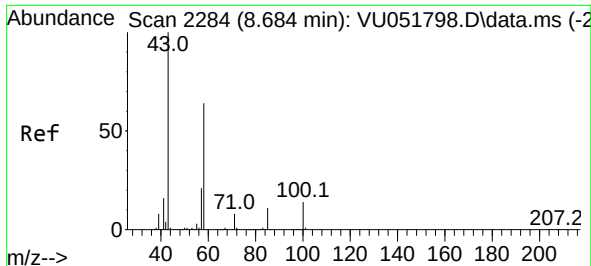
Tgt Ion: 97	Resp: 83724
Ion Ratio	Lower Upper
97 100	
99 63.8	43.4 80.6
83 86.3	61.3 113.9
85 56.4	39.8 73.8



#47
Tetrachloroethene
Concen: 3.990 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt	Ion:164	Resp:	67092
Ion	Ratio	Lower	Upper
164	100		
129	96.9	64.0	118.8
131	89.9	60.7	112.7
166	126.3	86.8	161.2

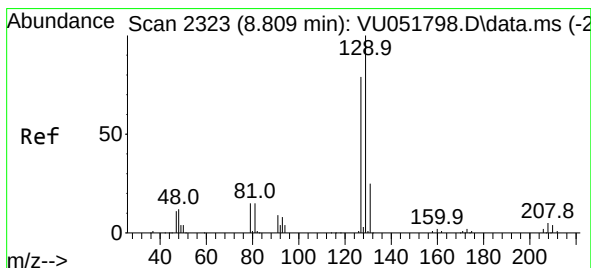
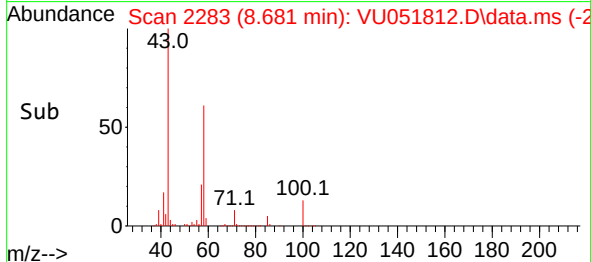
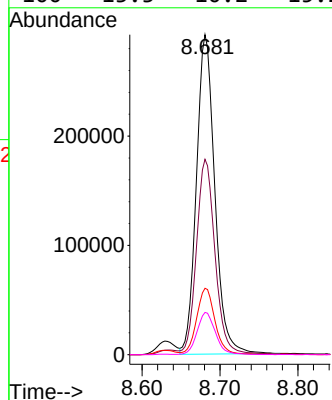
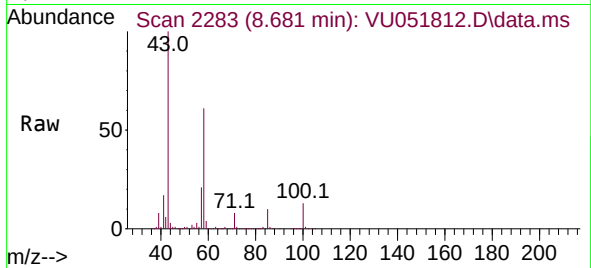




#48
2-Hexanone
Concen: 55.279 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

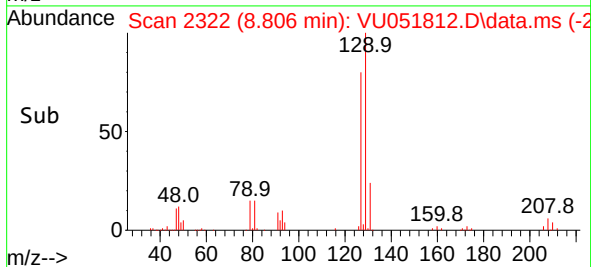
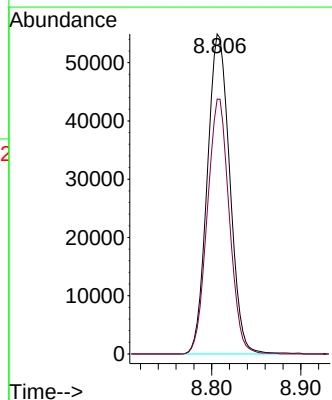
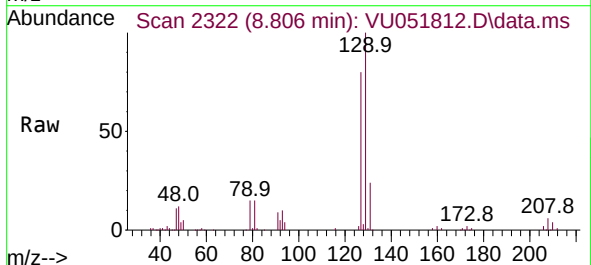
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

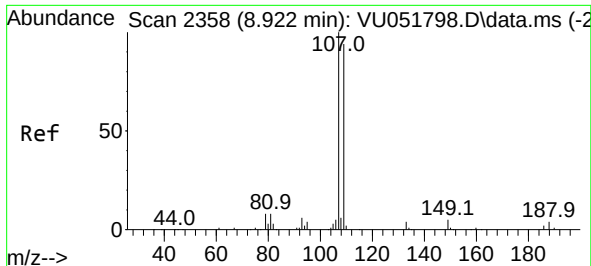
Tgt Ion: 43 Resp: 480301
Ion Ratio Lower Upper
43 100
58 61.3 48.2 72.2
57 20.8 16.6 25.0
100 13.3 10.2 15.2



#49
Dibromochloromethane
Concen: 4.915 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 129 Resp: 96289
Ion Ratio Lower Upper
129 100
127 79.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 4.902 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MSD

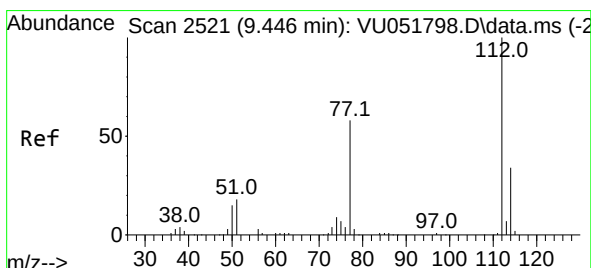
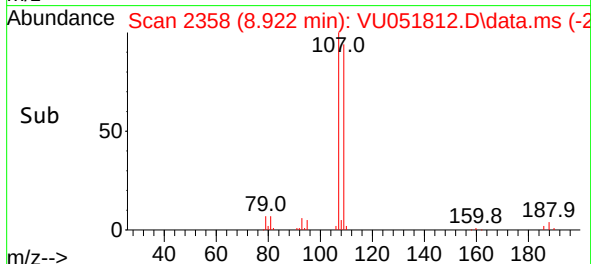
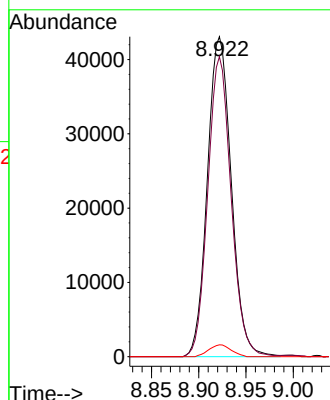
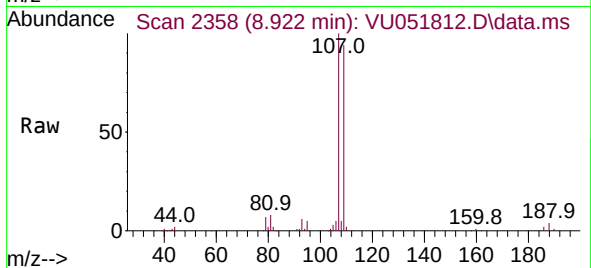
Tgt Ion:107 Resp: 75847

Ion Ratio Lower Upper

107 100

109 93.7 63.0 117.0

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 4.584 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

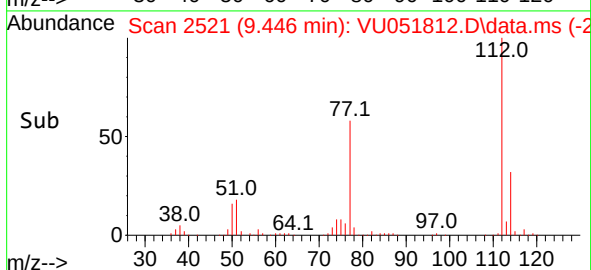
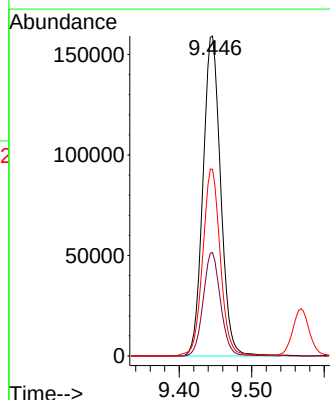
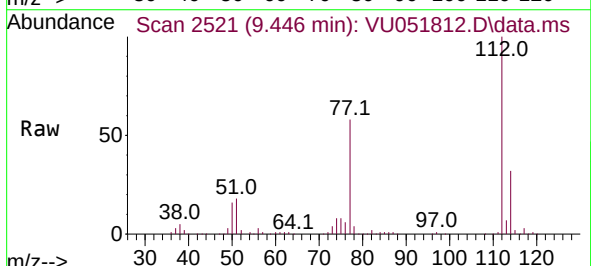
Tgt Ion:112 Resp: 269608

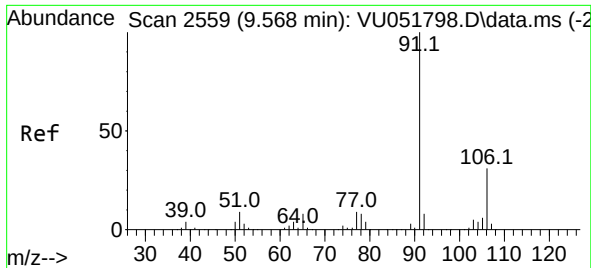
Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

77 58.3 46.7 70.1

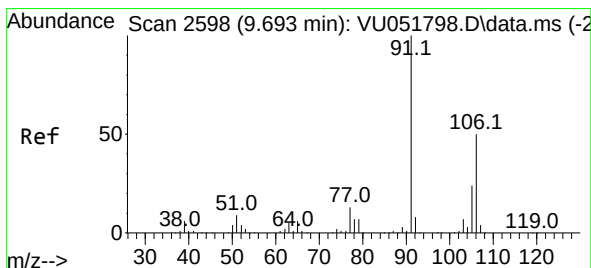
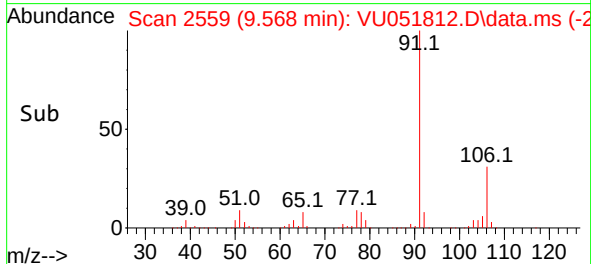
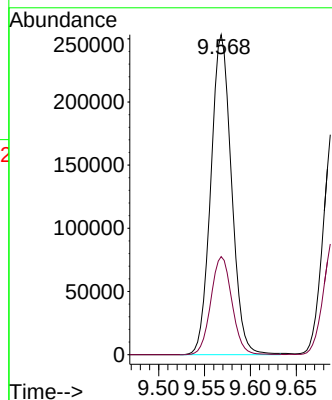
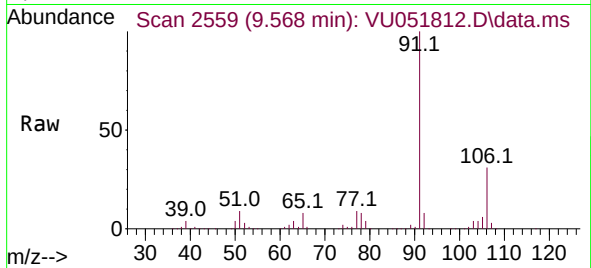




#52
Ethylbenzene
Concen: 4.402 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

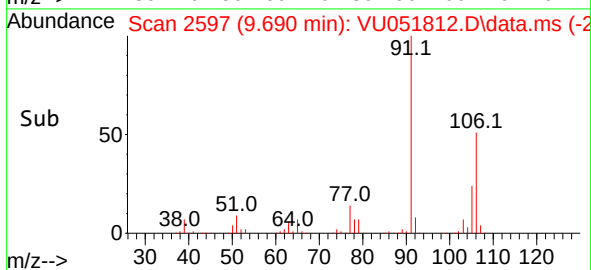
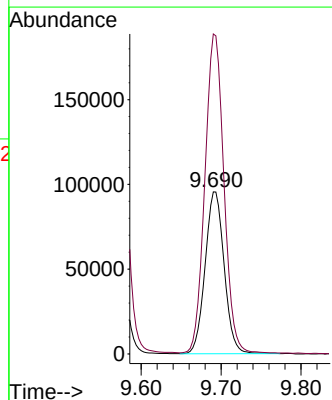
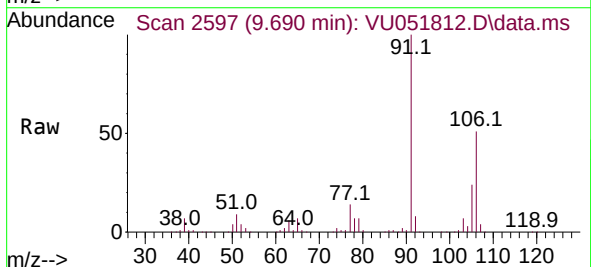
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

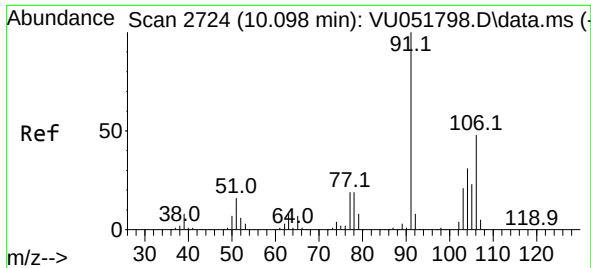
Tgt Ion: 91 Resp: 396928
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.6



#53
m,p-Xylene
Concen: 4.522 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 106 Resp: 158368
Ion Ratio Lower Upper
106 100
91 197.5 139.4 259.0

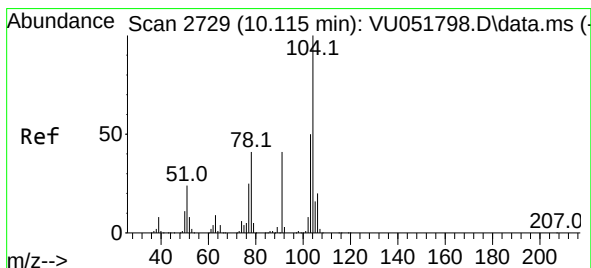
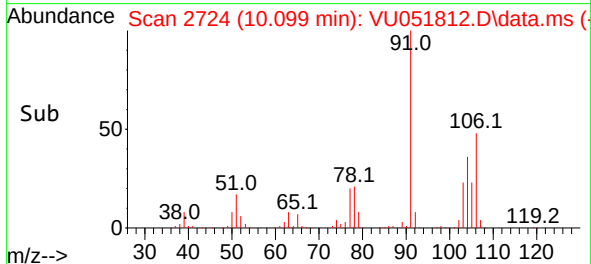
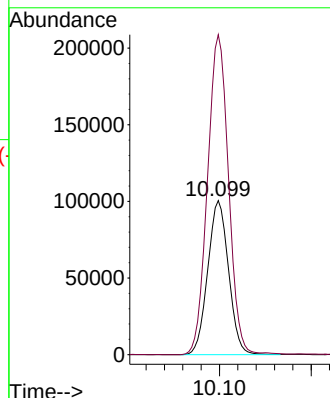
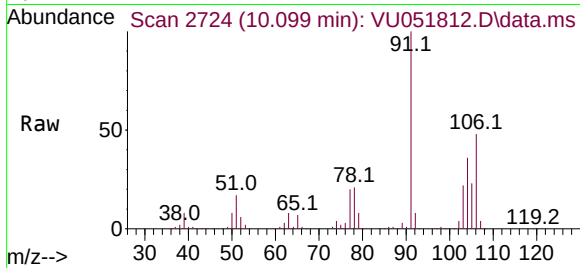




#54
o-Xylene
Concen: 4.631 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

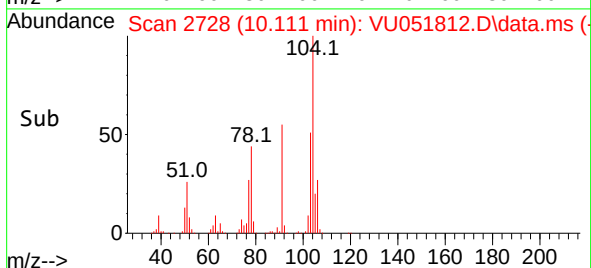
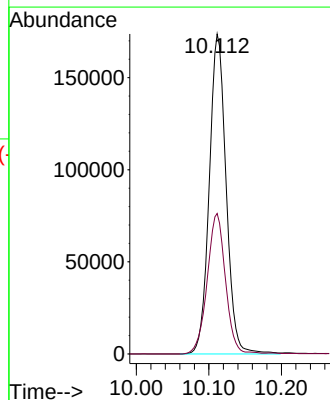
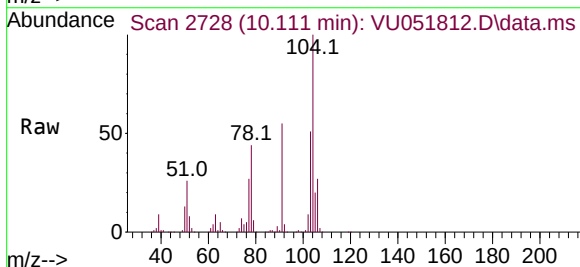
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

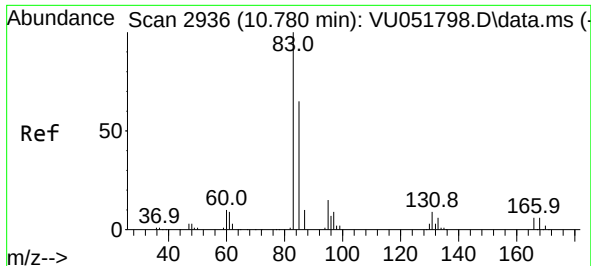
Tgt Ion:106 Resp: 158517
Ion Ratio Lower Upper
106 100
91 207.8 149.2 277.2



#55
Styrene
Concen: 4.902 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion:104 Resp: 280522
Ion Ratio Lower Upper
104 100
78 43.9 31.8 59.0

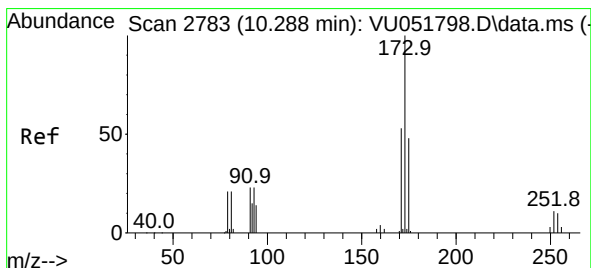
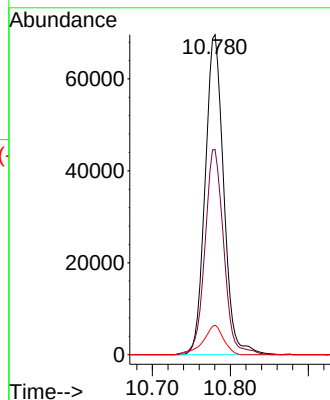
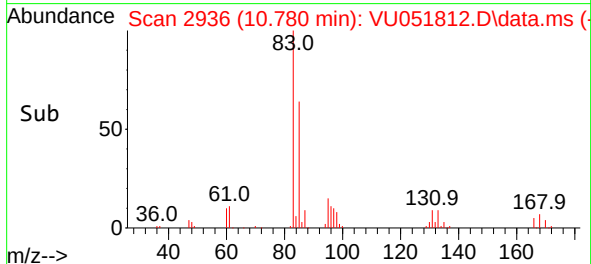
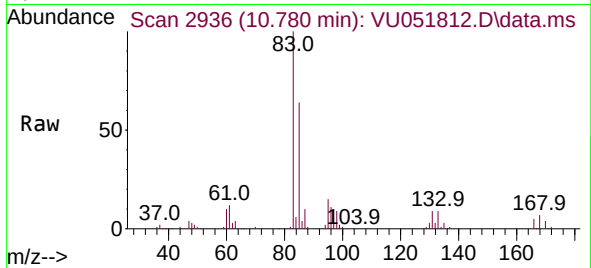




#57
1,1,2,2-Tetrachloroethane
Concen: 5.395 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

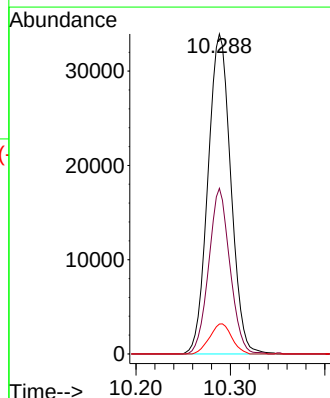
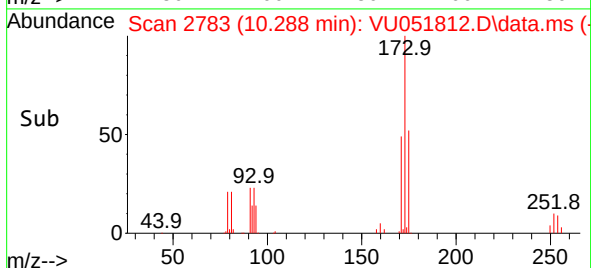
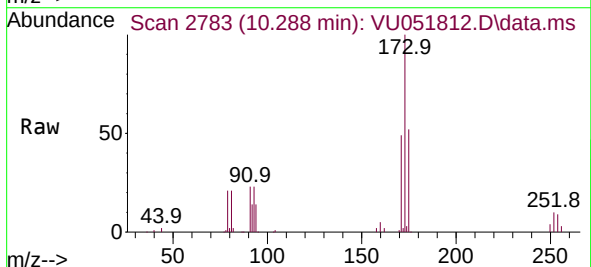
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

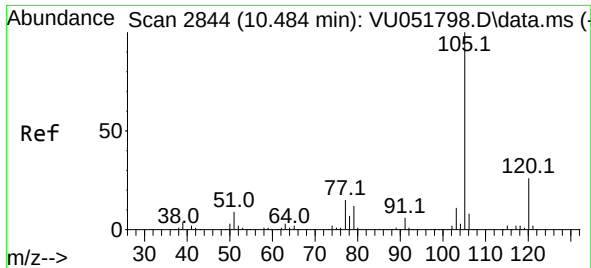
Tgt Ion: 83 Resp: 114725
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
131 9.2 7.8 11.8



#59
Bromoform
Concen: 5.354 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 173 Resp: 56949
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 9.1 7.3 10.9

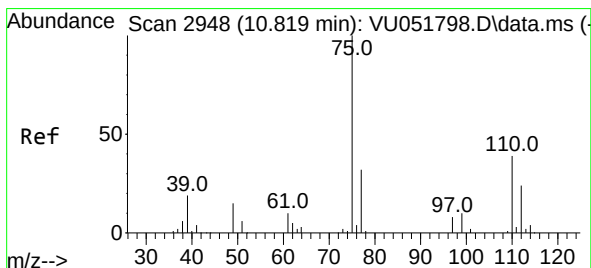
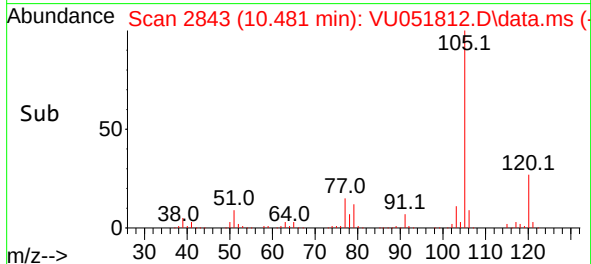
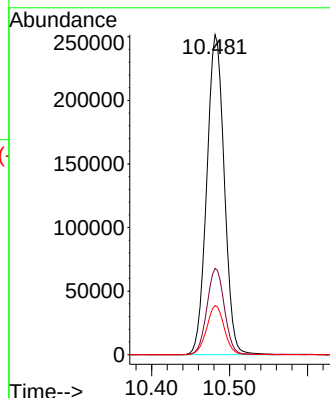
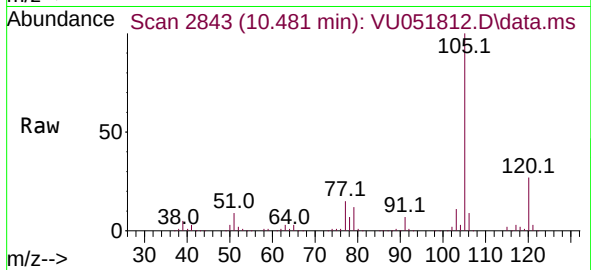




#60
Isopropylbenzene
Concen: 4.670 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

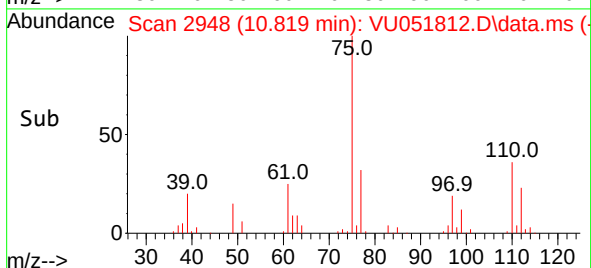
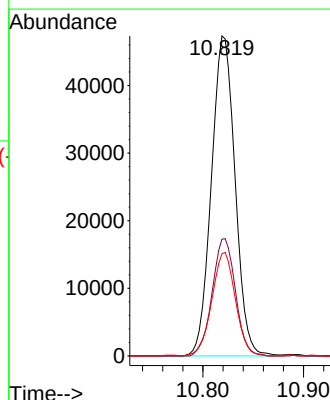
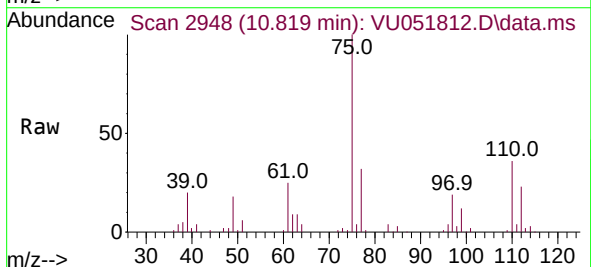
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

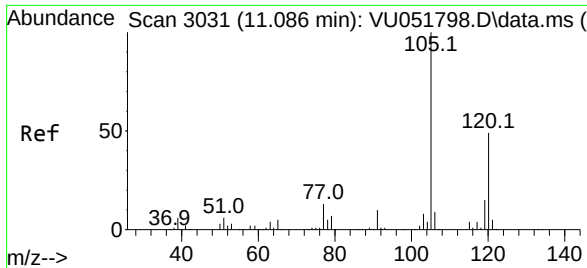
Tgt Ion:105 Resp: 392445
Ion Ratio Lower Upper
105 100
120 27.0 20.9 31.3
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.201 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion: 75 Resp: 77433
Ion Ratio Lower Upper
75 100
110 35.9 28.7 43.1
77 32.2 26.1 39.1

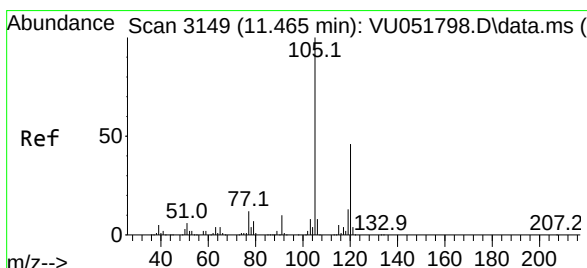
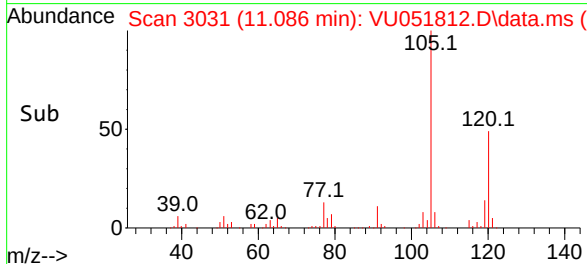
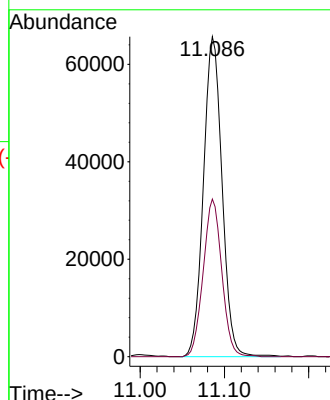
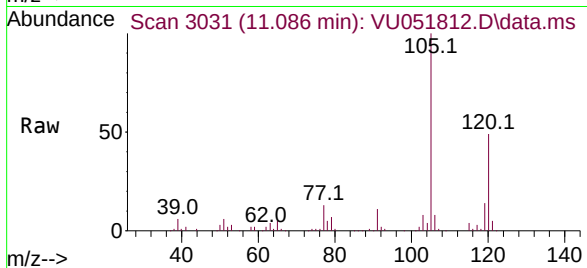




#62
 1,3,5-Trimethylbenzene
 Concen: 4.475 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

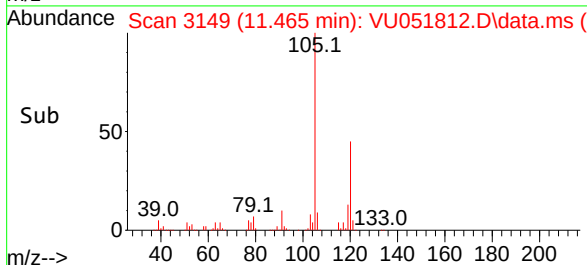
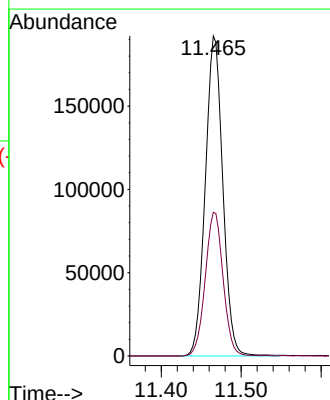
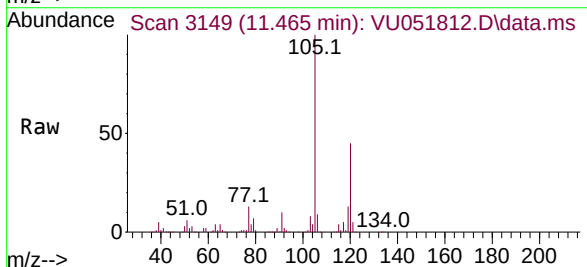
Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MSD

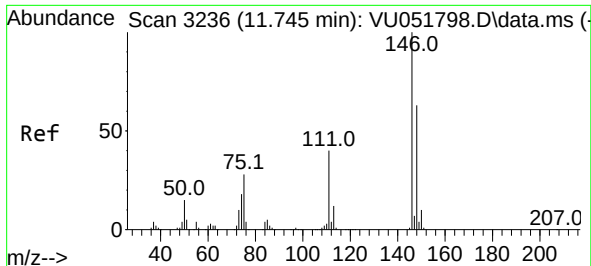
Tgt Ion:105 Resp: 101255
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.491 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

Tgt Ion:105 Resp: 292996
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.8 53.6

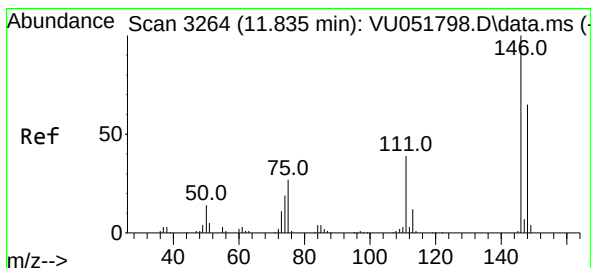
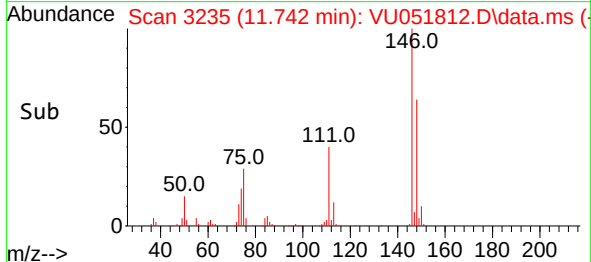
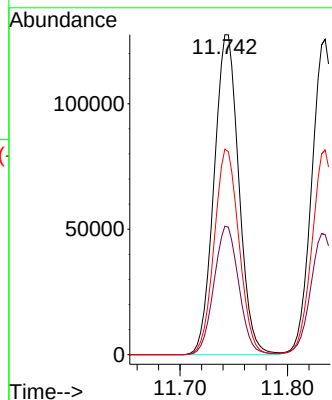
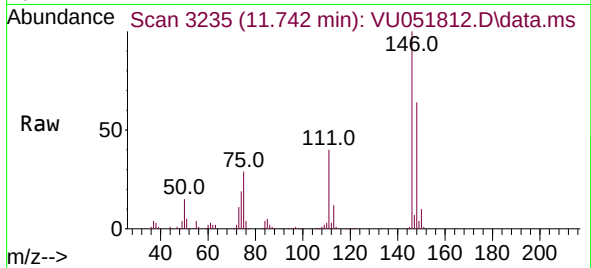




#64
1,3-Dichlorobenzene
Concen: 4.884 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

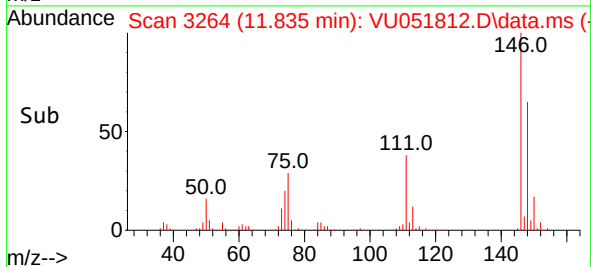
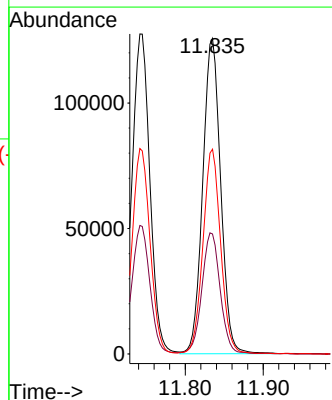
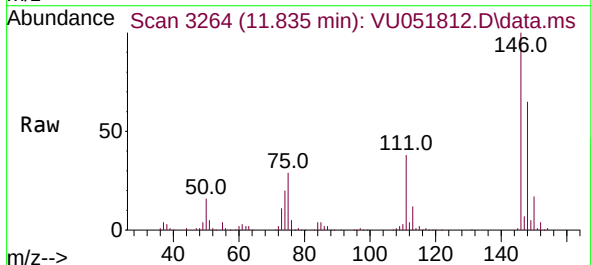
Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

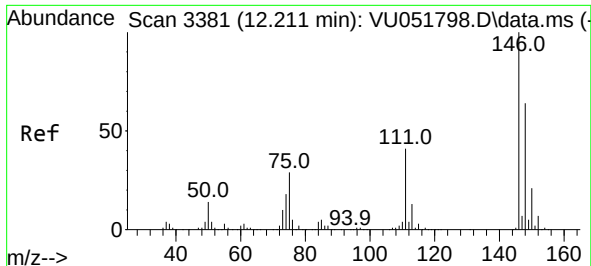
Tgt Ion:146 Resp: 204324
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 64.2 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.795 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion:146 Resp: 201162
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.5
148 64.9 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.958 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

GBMW5MSD

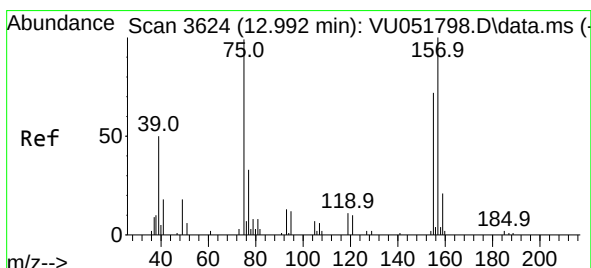
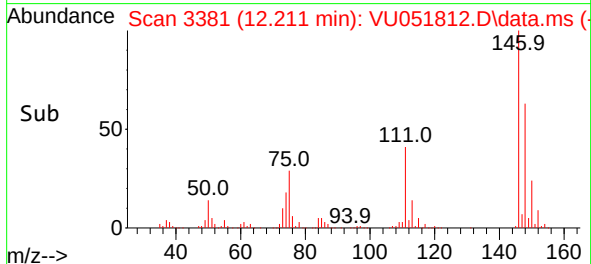
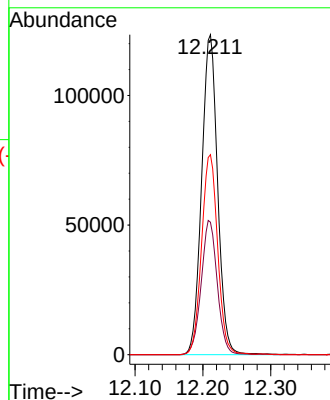
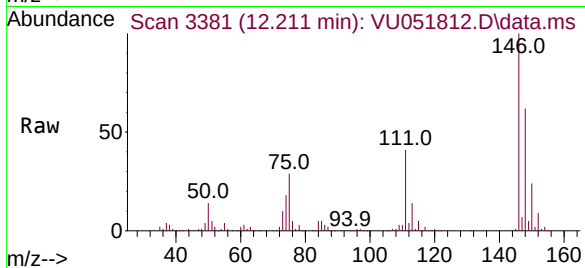
Tgt Ion:146 Resp: 202070

Ion Ratio Lower Upper

146 100

111 41.4 34.2 51.2

148 62.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.463 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051812.D

Acq: 10 Nov 2022 19:58

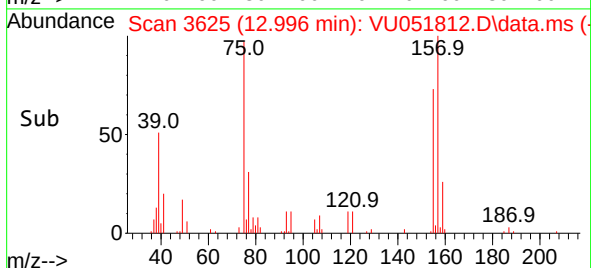
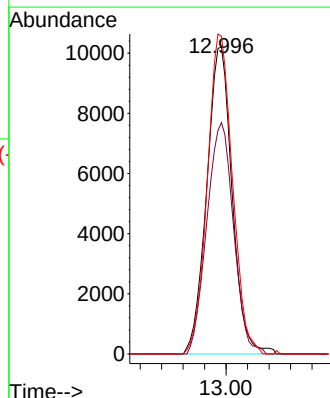
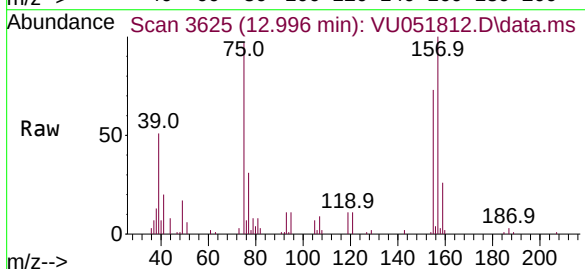
Tgt Ion: 75 Resp: 16745

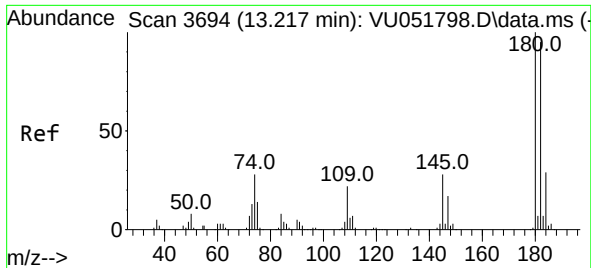
Ion Ratio Lower Upper

75 100

155 75.4 61.4 92.2

157 103.4 86.7 130.1

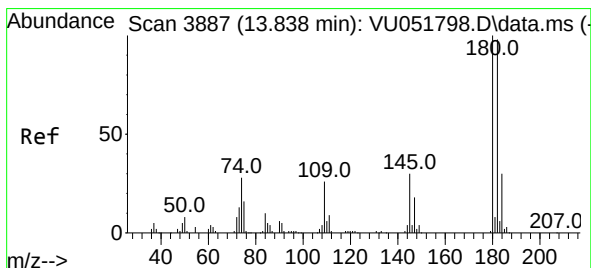
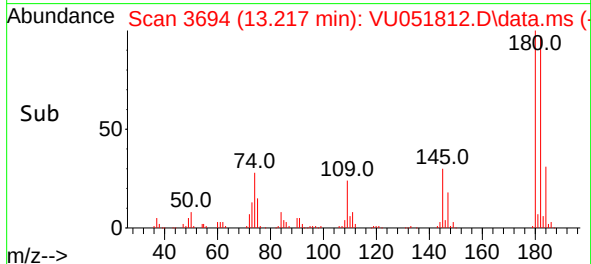
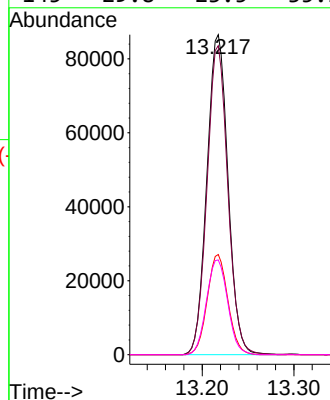
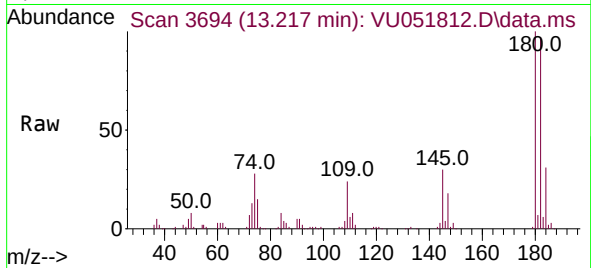




#69
 1,3,5-Trichlorobenzene
 Concen: 4.644 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

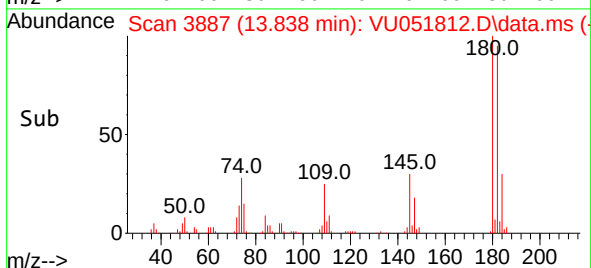
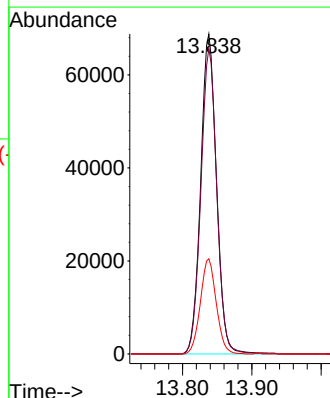
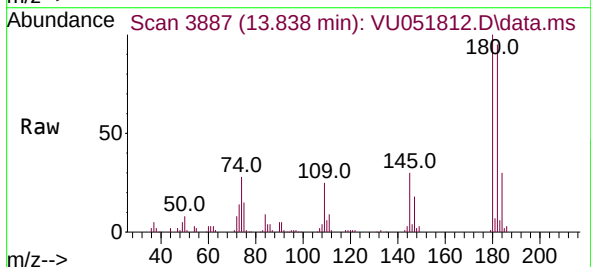
Instrument :
 MSVOA_U
 ClientSampleId :
 GBMW5MSD

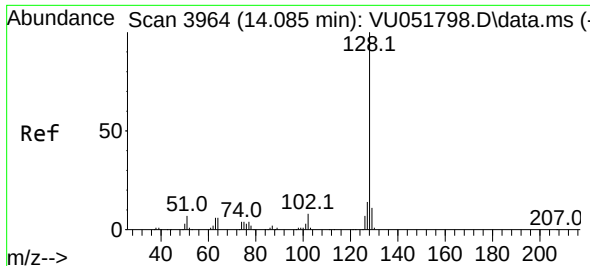
Tgt Ion:180 Resp: 138504
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.0 115.6
 184 30.7 23.7 35.5
 145 29.8 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.770 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051812.D
 Acq: 10 Nov 2022 19:58

Tgt Ion:180 Resp: 109205
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.8 116.6
 145 29.8 25.0 37.6

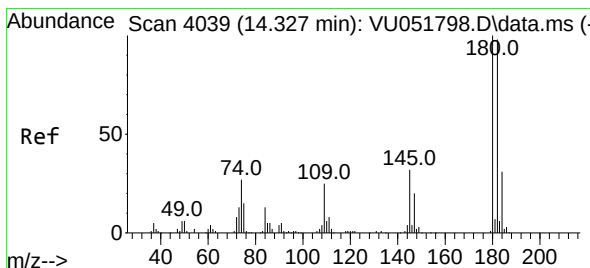
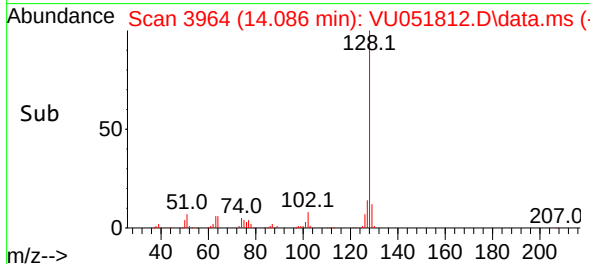
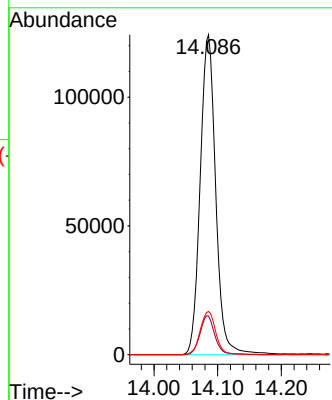
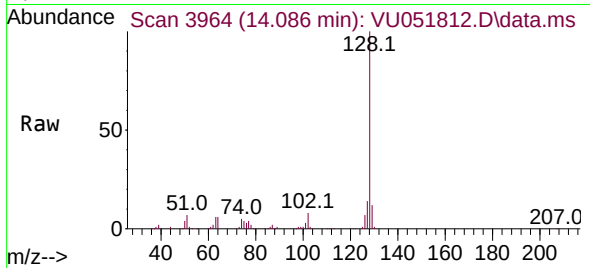




#71
Naphthalene
Concen: 4.931 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

Tgt Ion:128 Resp: 210728
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.6 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.942 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051812.D
Acq: 10 Nov 2022 19:58

Tgt Ion:180 Resp: 114258
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 32.1 25.6 38.4

