

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040723\
 Data File : VU053606.D
 Acq On : 07 Apr 2023 19:51
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB177

Quant Time: Apr 08 00:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	244377	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	124696	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88402	46.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.920%
7) Chloroethane-d5	1.906	69	73846	50.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.660%
11) 1,1-Dichloroethene-d2	2.565	63	138666	47.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
21) 2-Butanone-d5	4.613	46	101437	117.740	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.740%
24) Chloroform-d	5.057	84	150802	47.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	5.697	65	92738	49.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.740%
32) Benzene-d6	5.722	84	305810	49.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.620%
36) 1,2-Dichloropropane-d6	6.684	67	94091	49.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	7.893	98	288129	46.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	8.173	79	44989	45.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.960%
47) 2-Hexanone-d5	8.626	63	77849	120.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	140898	52.737	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.480%
66) 1,2-Dichlorobenzene-d4	12.188	152	116036	44.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	98035	49.426	ug/L	100
3) Chloromethane	1.520	50	95736	58.740	ug/L	97
5) Vinyl chloride	1.604	62	111912	59.248	ug/L	99
6) Bromomethane	1.848	94	71694	52.165	ug/L	99
8) Chloroethane	1.928	64	67014	58.989	ug/L	100
9) Trichlorofluoromethane	2.134	101	158869	54.684	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83279	49.495	ug/L	94
12) 1,1-Dichloroethene	2.578	96	76747	51.181	ug/L	93
13) Acetone	2.616	43	77779	100.455	ug/L	98
14) Carbon disulfide	2.790	76	198999	50.168	ug/L	98
15) Methyl Acetate	2.941	43	74789	63.063	ug/L	97
16) Methylene chloride	3.041	84	88807	52.691	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	78752	52.257	ug/L	97
18) Methyl tert-butyl Ether	3.356	73	246854	56.198	ug/L	99
19) 1,1-Dichloroethane	3.864	63	144096	57.722	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	89607	51.478	ug/L	90
22) 2-Butanone	4.694	43	110126	117.403	ug/L	95
23) Bromochloromethane	4.967	128	47192	48.672	ug/L	90
25) Chloroform	5.083	83	155972	54.474	ug/L	100

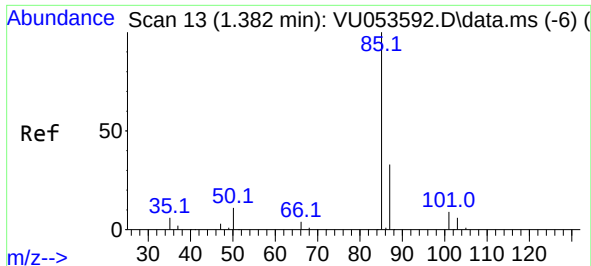
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040723\
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	119102	56.800	ug/L	97
29) Cyclohexane	5.385	56	120243	54.364	ug/L	96
30) 1,1,1-Trichloroethane	5.311	97	136706	54.000	ug/L	98
31) Carbon tetrachloride	5.520	117	119701	52.774	ug/L	98
33) Benzene	5.768	78	333375	55.692	ug/L	100
34) Trichloroethene	6.536	95	92731	51.219	ug/L	94
35) Methylcyclohexane	6.758	83	139115	52.274	ug/L	99
37) 1,2-Dichloropropane	6.784	63	88195	58.025	ug/L #	96
38) Bromodichloromethane	7.099	83	112686	55.574	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	138895	55.920	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	206322	124.913	ug/L	99
42) Toluene	7.964	91	363636	53.604	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	133205	56.729	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	93370	55.950	ug/L	97
46) Tetrachloroethene	8.549	164	68790	45.786	ug/L	93
48) 2-Hexanone	8.677	43	165840	124.121	ug/L	98
49) Dibromochloromethane	8.806	129	89481	51.567	ug/L	98
50) 1,2-Dibromoethane	8.918	107	100589	53.876	ug/L	98
51) Chlorobenzene	9.443	112	241405	51.649	ug/L	97
52) Ethylbenzene	9.565	91	400586	53.047	ug/L	99
53) m,p-Xylene	9.690	106	158779	53.761	ug/L	98
54) o-Xylene	10.095	106	152028	52.064	ug/L	94
55) Styrene	10.108	104	257701	54.183	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	147301	60.118	ug/L	96
59) Bromoform	10.285	173	62832	49.228	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	113527	62.790	ug/L	98
61) Isopropylbenzene	10.481	105	403771	54.768	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	333447	54.409	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	332335	54.751	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	191434	49.694	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	189402	48.241	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	194531	50.668	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	31481	65.313	ug/L	87
69) 1,3,5-Trichlorobenzene	13.214	180	126192	44.236	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	117511	44.430	ug/L	99
71) Naphthalene	14.082	128	404440	51.089	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	117499	44.478	ug/L	99

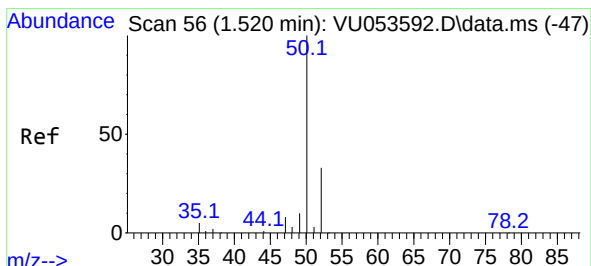
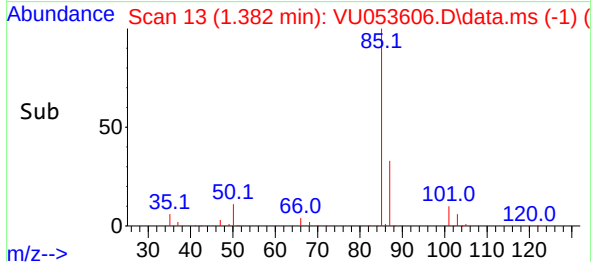
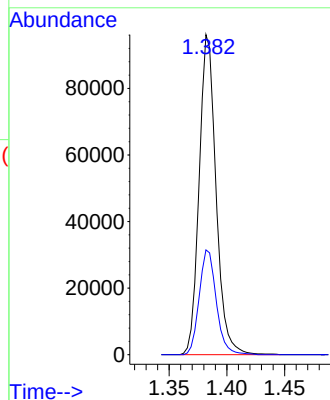
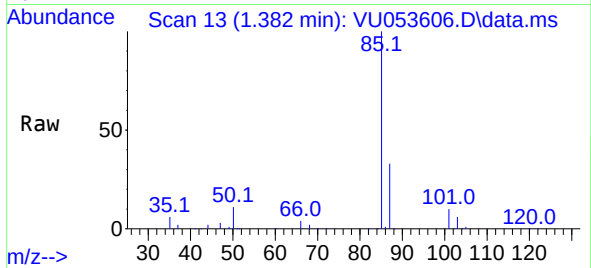
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 49.426 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

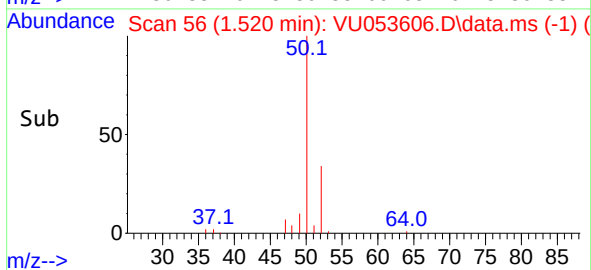
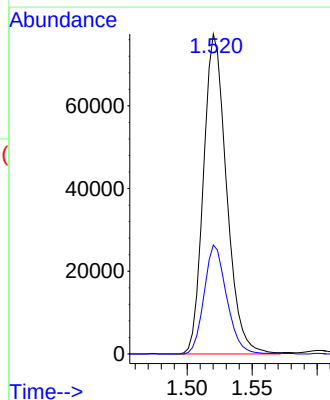
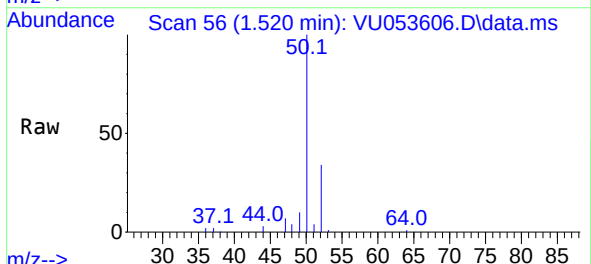
Instrument :
MSVOA_U
ClientSampleId :
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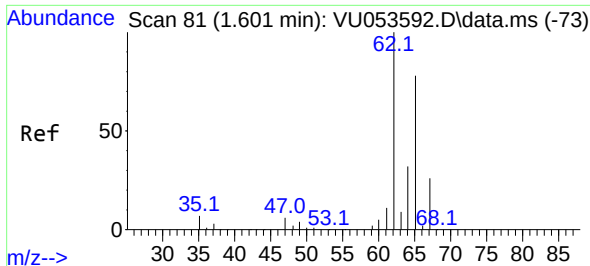
Tgt Ion: 85 Resp: 98035
Ion Ratio Lower Upper
85 100
87 33.0 26.4 39.6



#3
Chloromethane
Concen: 58.740 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 50 Resp: 95736
Ion Ratio Lower Upper
50 100
52 34.1 22.7 42.1

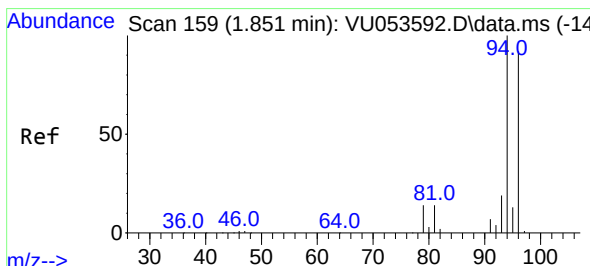
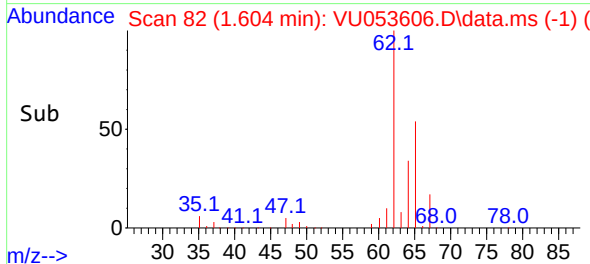
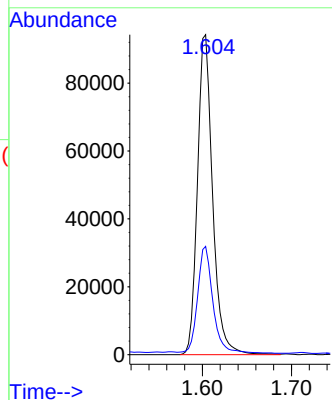
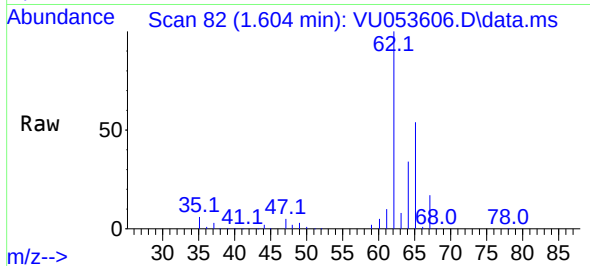




#5
Vinyl chloride
Concen: 59.248 ug/L
RT: 1.604 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

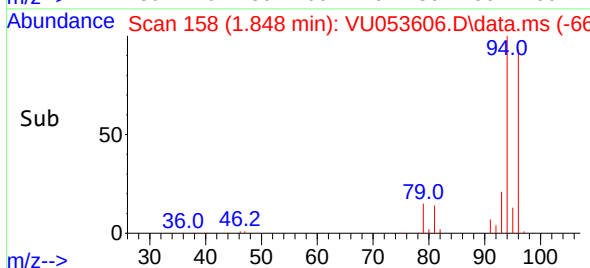
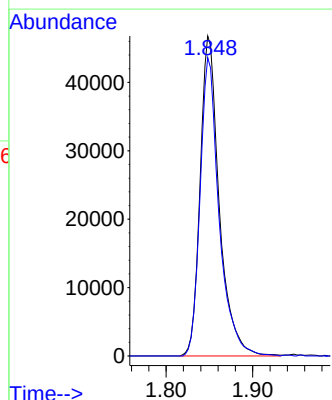
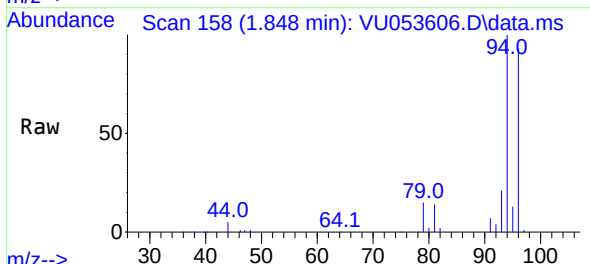
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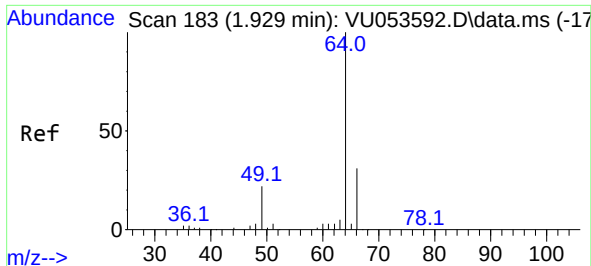
Tgt Ion: 62 Resp: 111912
Ion Ratio Lower Upper
62 100
64 33.8 23.2 43.0



#6
Bromomethane
Concen: 52.165 ug/L
RT: 1.848 min Scan# 158
Delta R.T. -0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 94 Resp: 71694
Ion Ratio Lower Upper
94 100
96 93.2 64.4 119.6

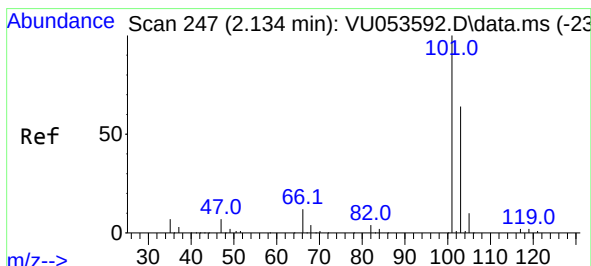
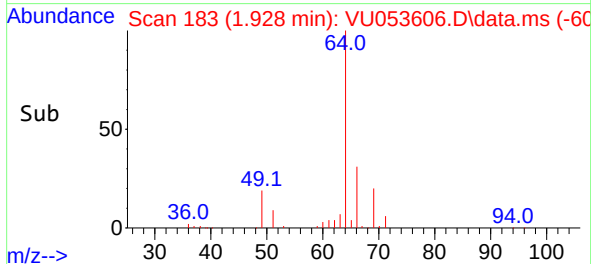
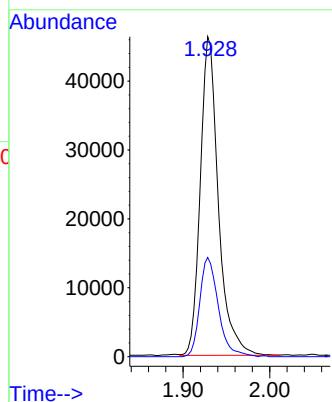
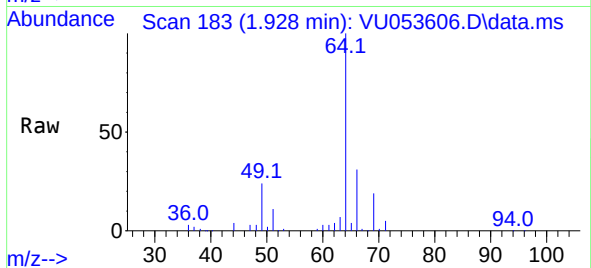




#8
Chloroethane
Concen: 58.989 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

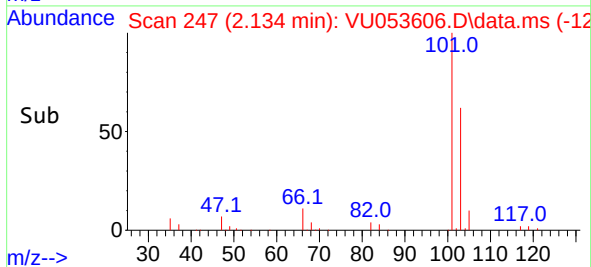
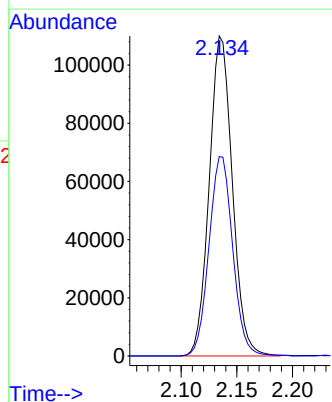
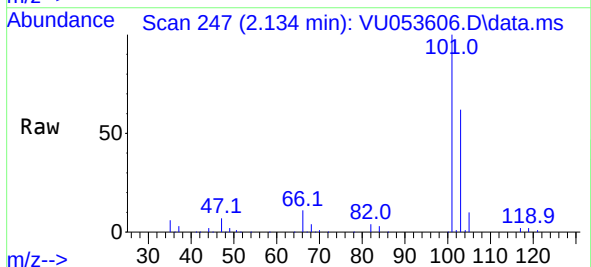
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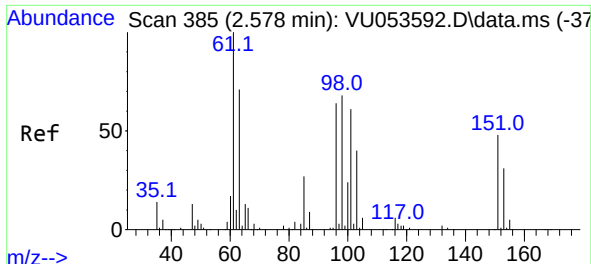
Tgt Ion: 64 Resp: 67014
Ion Ratio Lower Upper
64 100
66 31.0 21.8 40.6



#9
Trichlorofluoromethane
Concen: 54.684 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:101 Resp: 158869
Ion Ratio Lower Upper
101 100
103 64.0 52.5 78.7

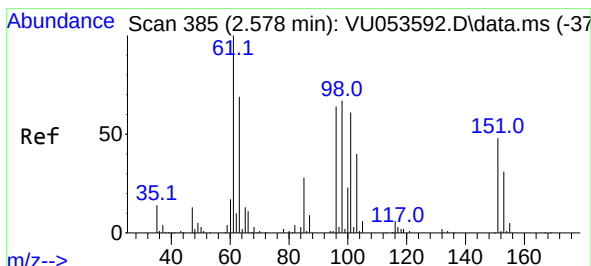
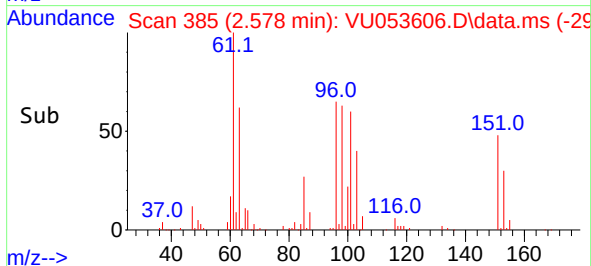
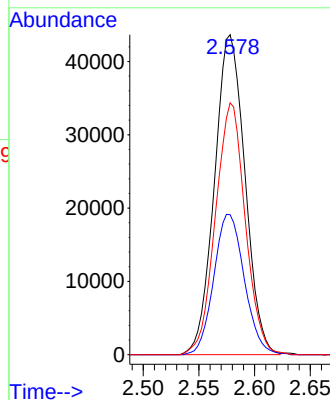
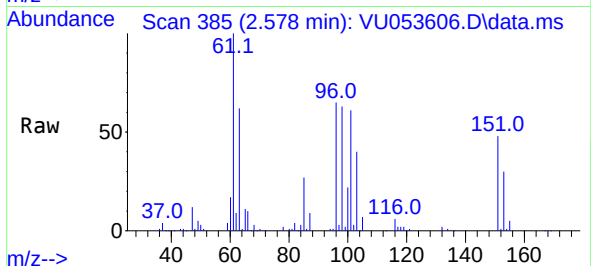




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.495 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

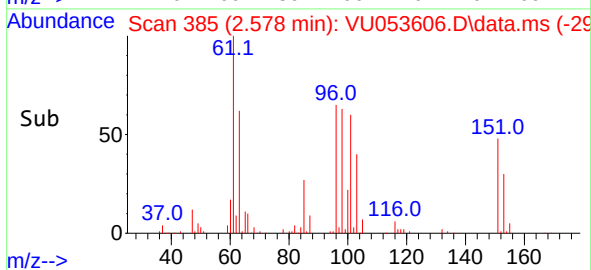
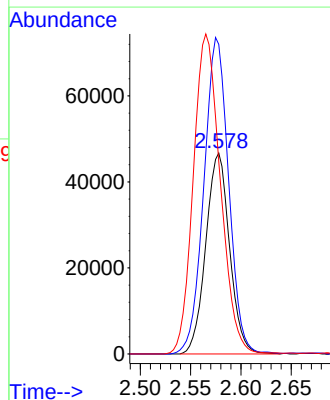
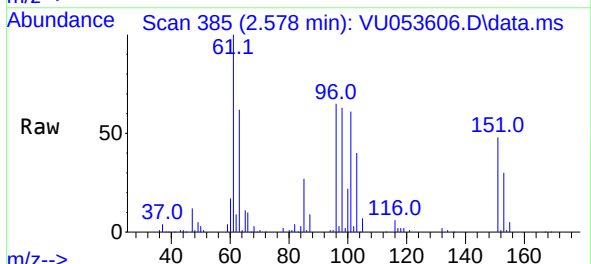
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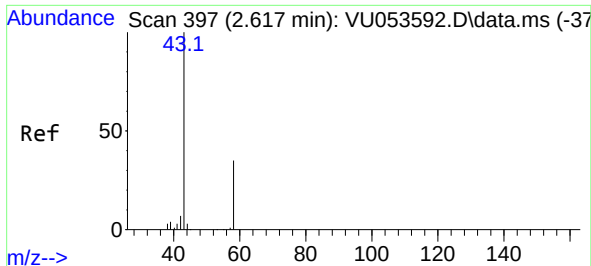
Tgt Ion:	101	Resp:	83279
Ion	Ratio	Lower	Upper
101	100		
85	43.9	32.6	48.8
151	76.8	65.8	98.6



#12
1,1-Dichloroethene
Concen: 51.181 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:	96	Resp:	76747
Ion	Ratio	Lower	Upper
96	100		
61	154.1	107.9	200.5
63	95.7	79.1	146.9





#13

Acetone

Concen: 100.455 ug/L

RT: 2.616 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

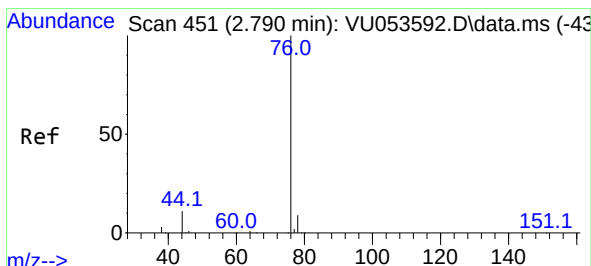
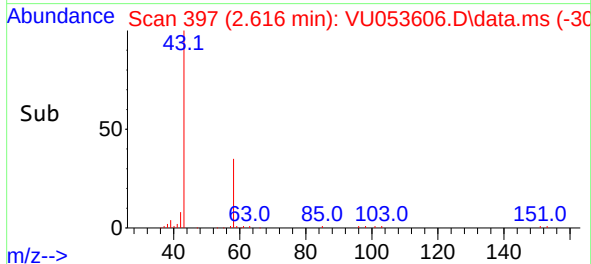
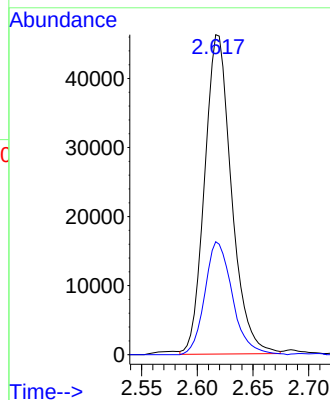
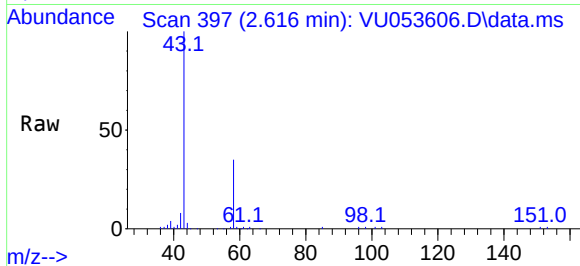
BFB177

Tgt Ion: 43 Resp: 77779

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.2



#14

Carbon disulfide

Concen: 50.168 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU053606.D

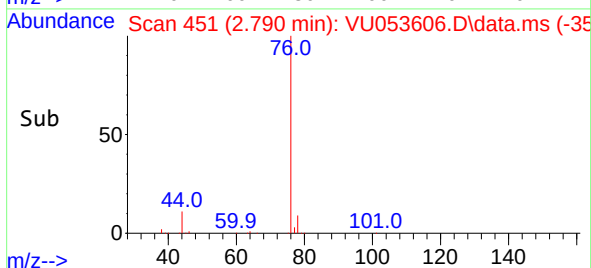
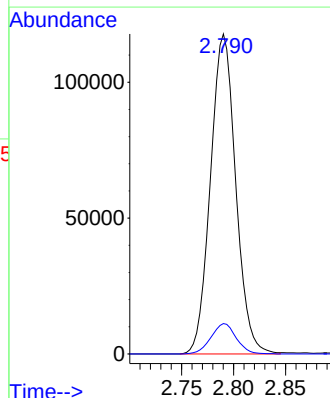
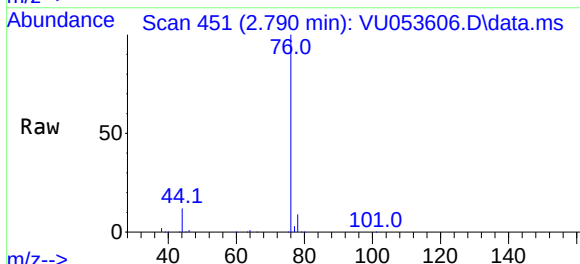
Acq: 07 Apr 2023 19:51

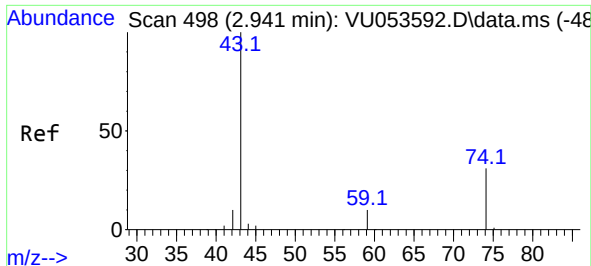
Tgt Ion: 76 Resp: 198999

Ion Ratio Lower Upper

76 100

78 9.5 8.2 12.2

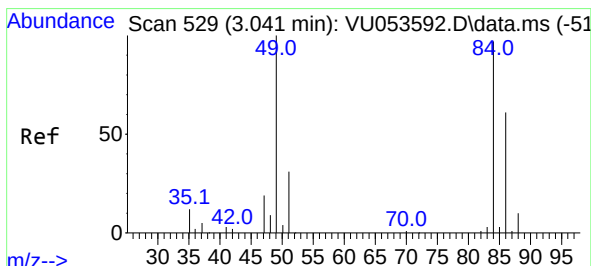
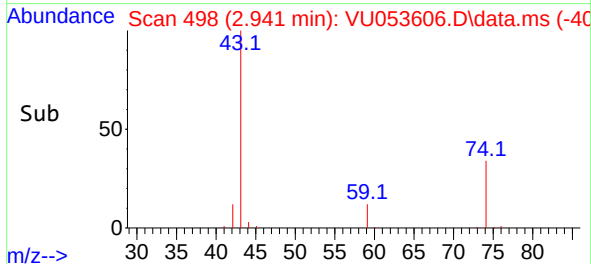
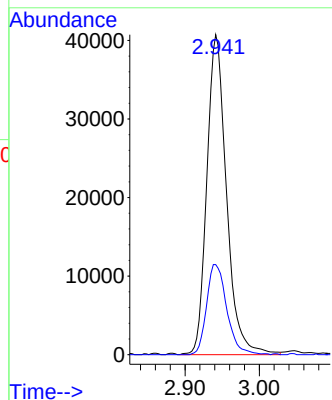
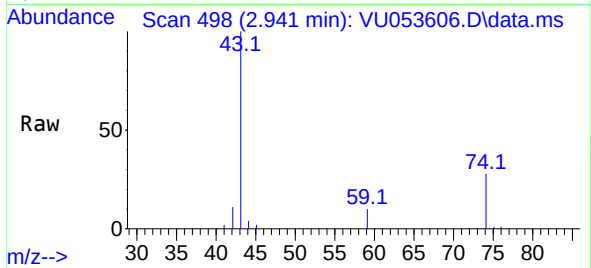




#15
Methyl Acetate
Concen: 63.063 ug/L
RT: 2.941 min Scan# 498
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

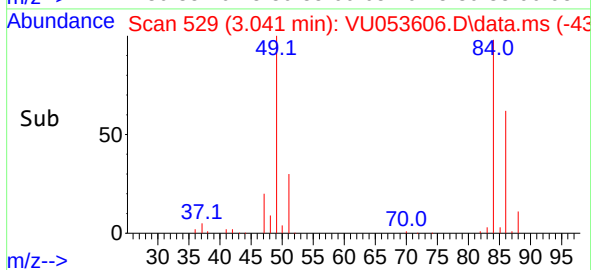
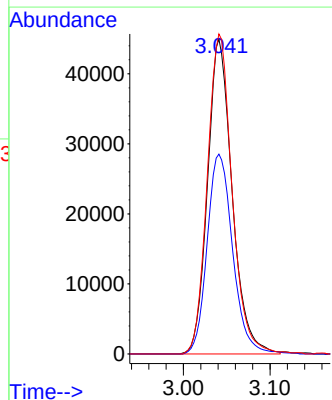
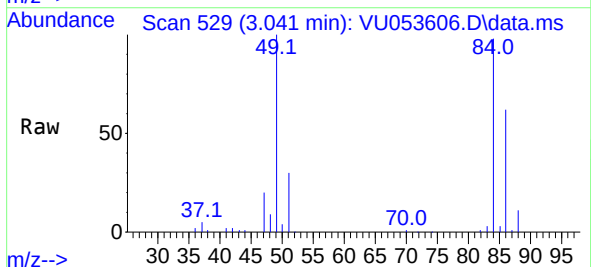
Instrument :
MSVOA_U
ClientSampleId :
BFB177

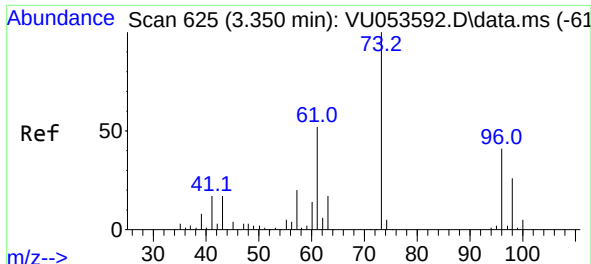
Tgt Ion: 43 Resp: 74789
Ion Ratio Lower Upper
43 100
74 28.9 22.0 33.0



#16
Methylene chloride
Concen: 52.691 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 84 Resp: 88807
Ion Ratio Lower Upper
84 100
86 63.5 43.5 80.9
49 101.6 69.7 129.5

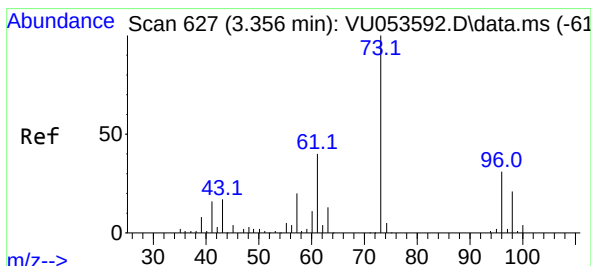
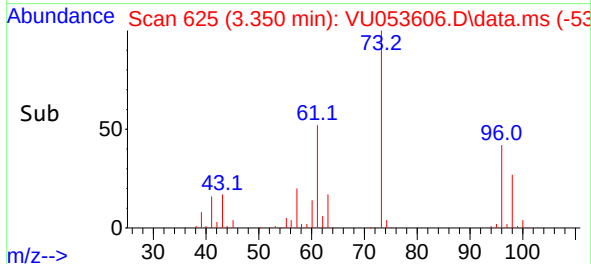
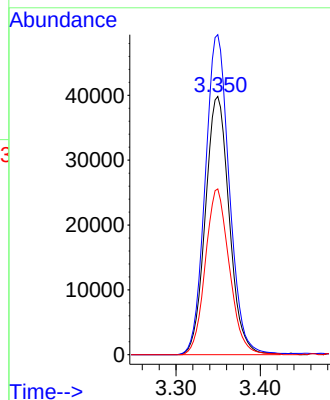
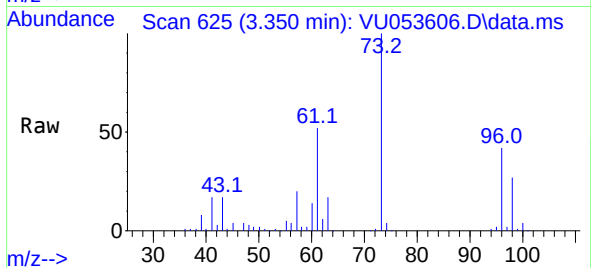




#17
trans-1,2-Dichloroethene
Concen: 52.257 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

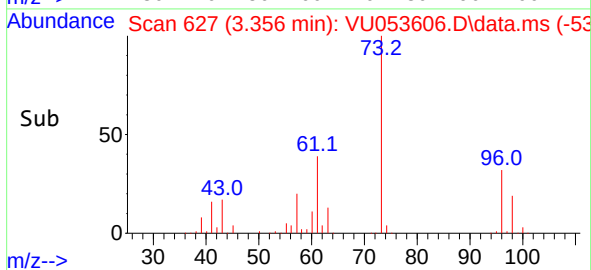
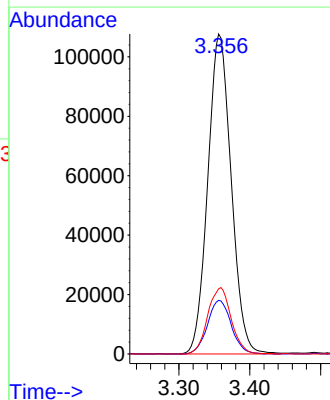
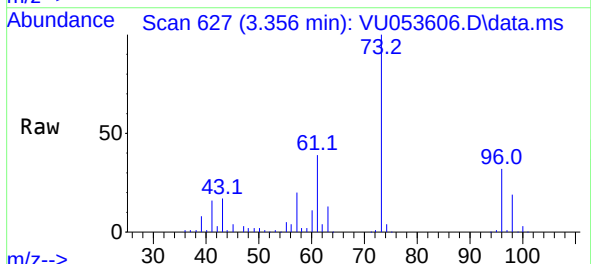
Instrument :
MSVOA_U
ClientSampleId :
BFB177

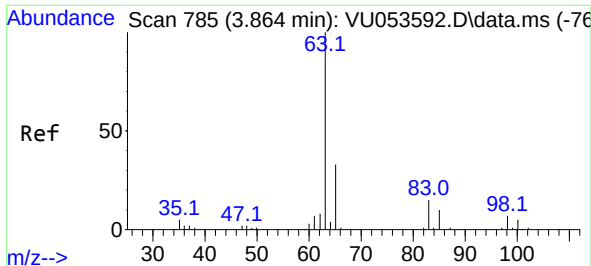
Tgt Ion: 96 Resp: 78752
Ion Ratio Lower Upper
96 100
61 123.9 84.4 156.8
98 64.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 56.198 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 73 Resp: 246854
Ion Ratio Lower Upper
73 100
43 17.0 13.8 20.8
57 20.8 15.9 23.9

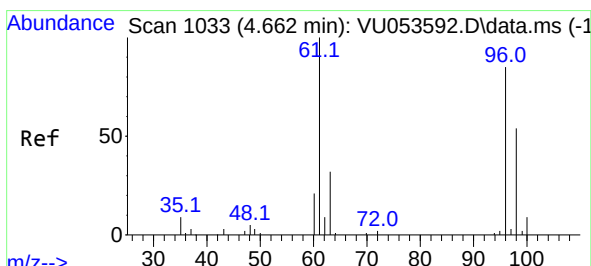
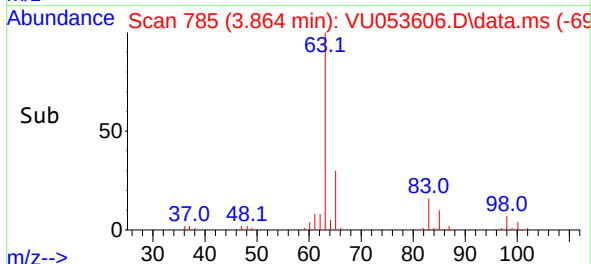
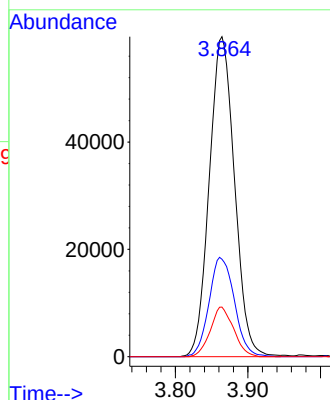
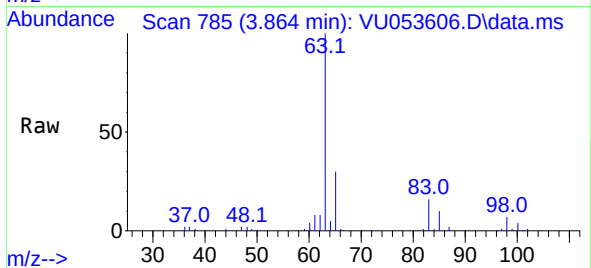




#19
1,1-Dichloroethane
Concen: 57.722 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

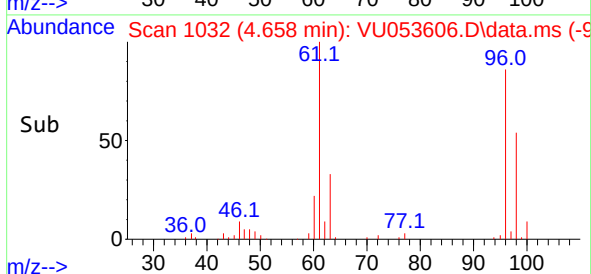
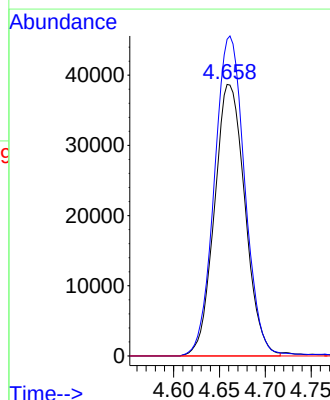
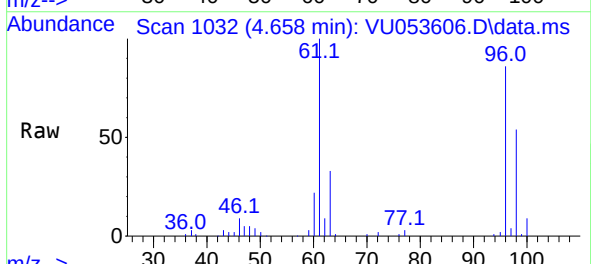
Instrument :
MSVOA_U
ClientSampleId :
BFB177

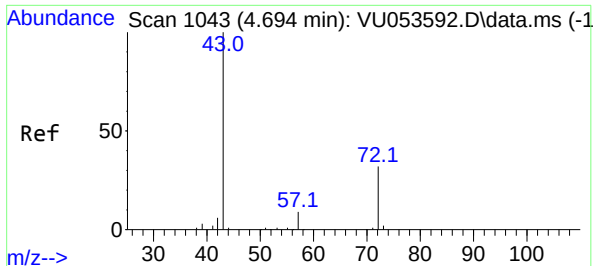
Tgt Ion: 63 Resp: 144096
Ion Ratio Lower Upper
63 100
65 30.5 22.0 41.0
83 15.5 10.8 20.0



#20
cis-1,2-Dichloroethene
Concen: 51.478 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 96 Resp: 89607
Ion Ratio Lower Upper
96 100
61 116.6 74.7 138.7
68 0.0 0.0 0.0

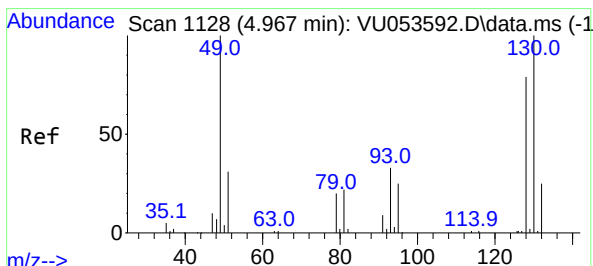
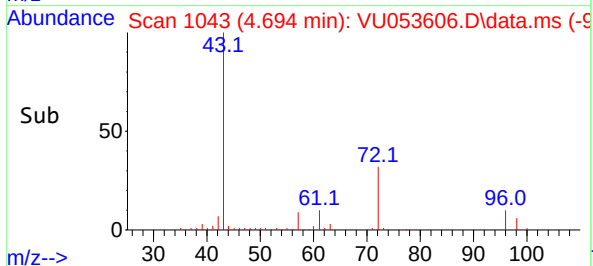
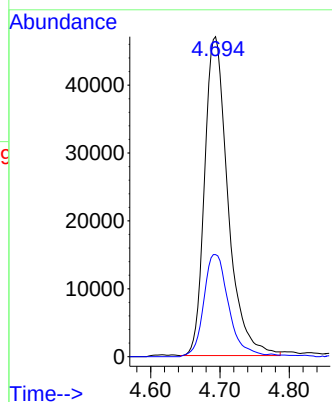
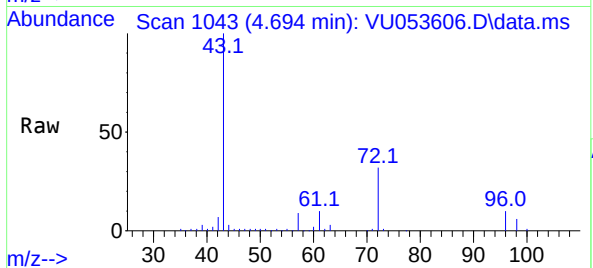




#22
2-Butanone
Concen: 117.403 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

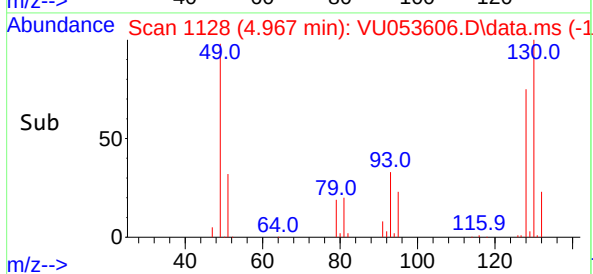
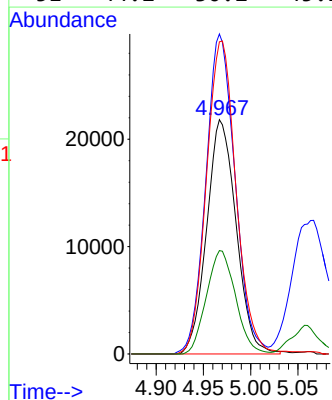
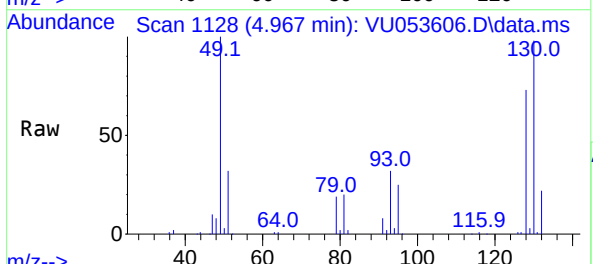
Instrument :
MSVOA_U
ClientSampleId :
BFB177

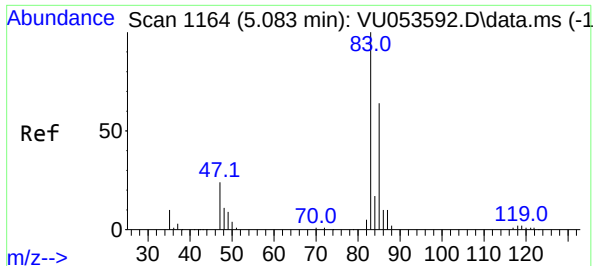
Tgt Ion: 43 Resp: 110126
Ion Ratio Lower Upper
43 100
72 34.0 15.8 47.3



#23
Bromochloromethane
Concen: 48.672 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:128 Resp: 47192
Ion Ratio Lower Upper
128 100
49 136.6 81.5 151.3
130 133.3 91.8 170.4
51 44.2 30.2 45.2

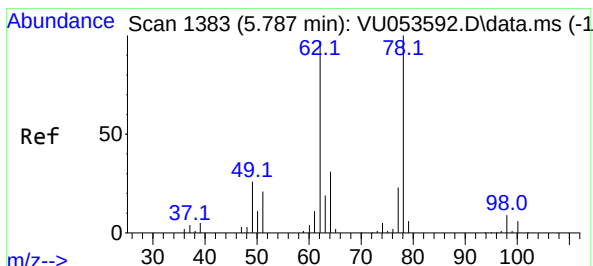
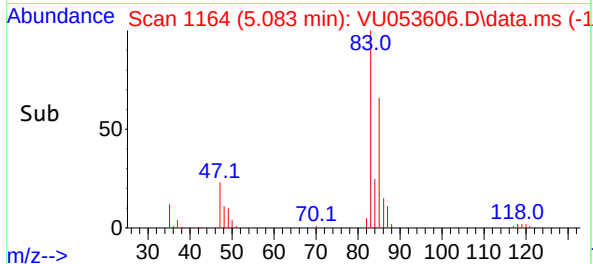
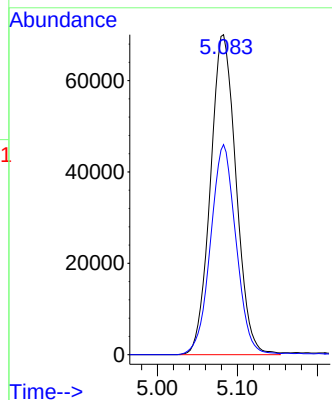
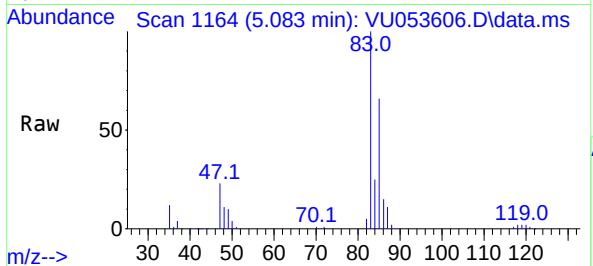




#25
Chloroform
Concen: 54.474 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

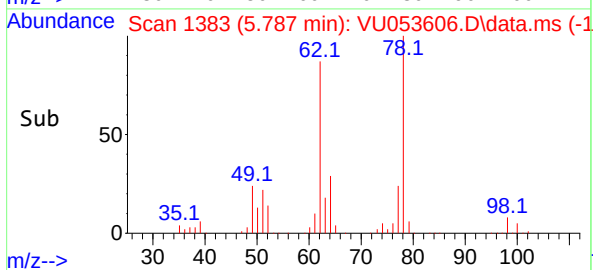
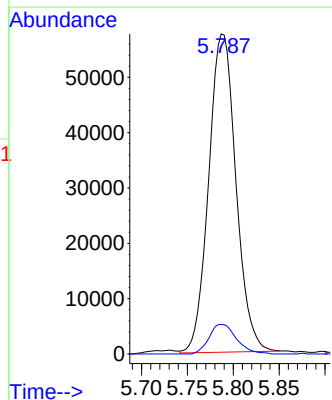
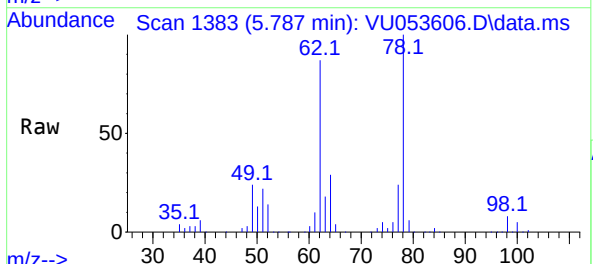
Instrument :
MSVOA_U
ClientSampleId :
BFB177

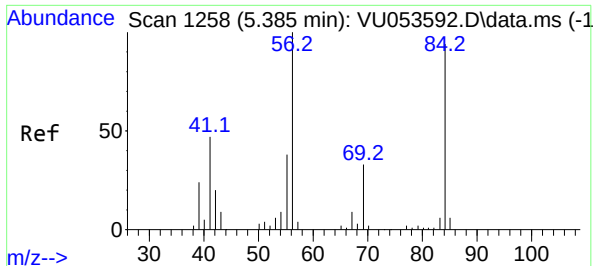
Tgt Ion: 83 Resp: 155972
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 56.800 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 62 Resp: 119102
Ion Ratio Lower Upper
62 100
98 9.2 8.3 12.5





#29

Cyclohexane

Concen: 54.364 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

BFB177

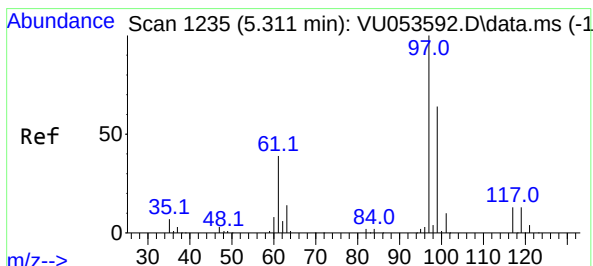
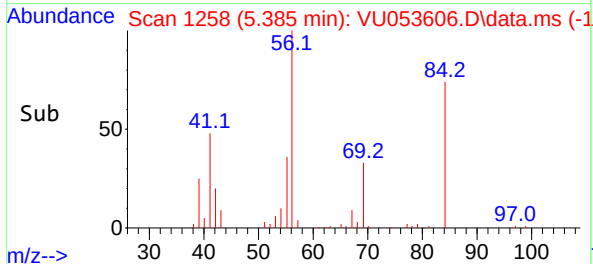
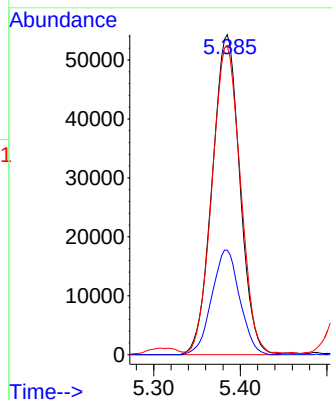
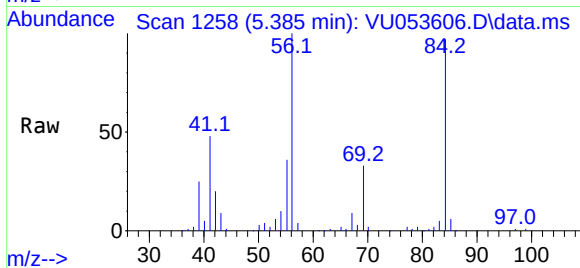
Tgt Ion: 56 Resp: 120243

Ion Ratio Lower Upper

56 100

69 33.1 27.3 40.9

84 97.2 81.3 121.9



#30

1,1,1-Trichloroethane

Concen: 54.000 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

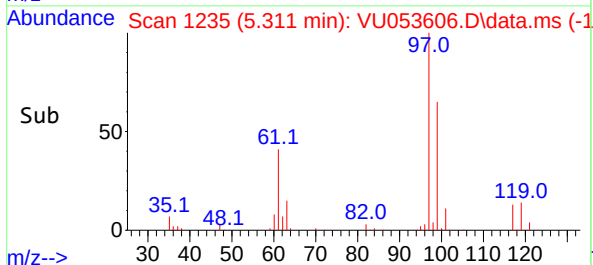
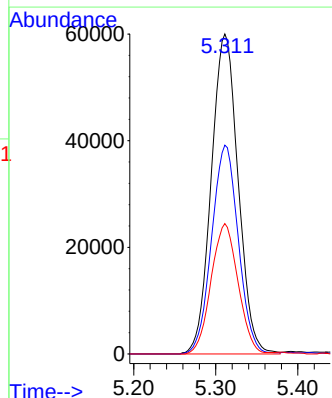
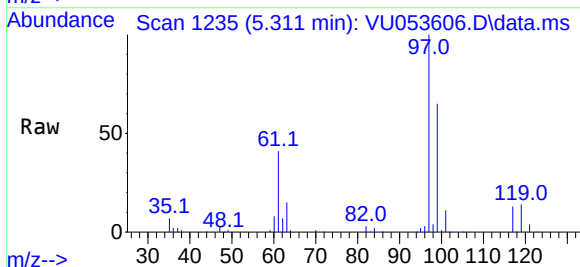
Tgt Ion: 97 Resp: 136706

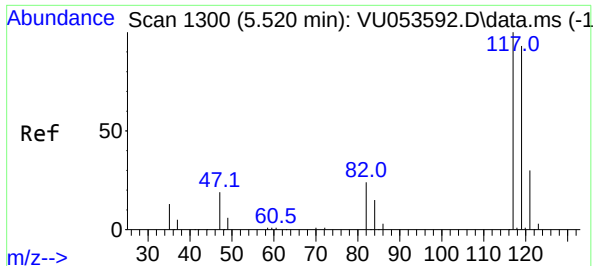
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 40.8 31.0 46.4

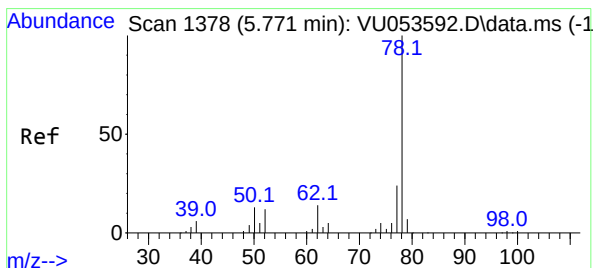
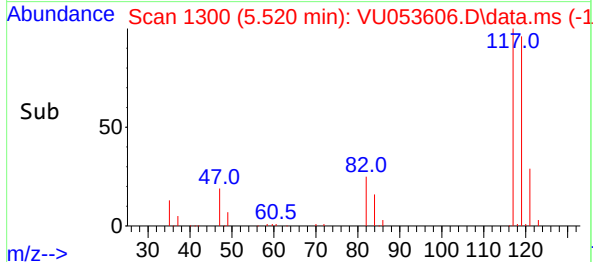
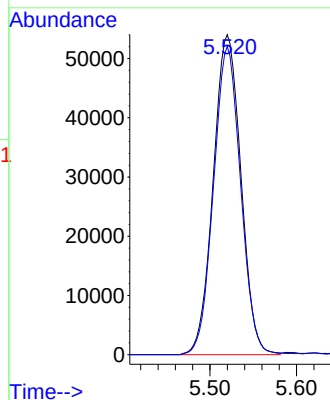
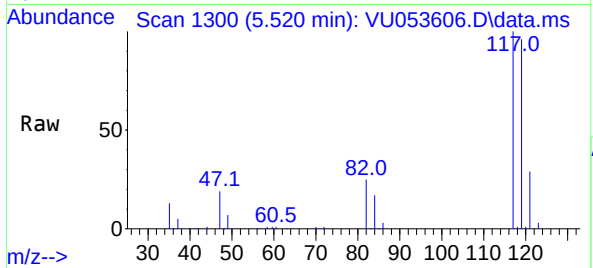




#31
Carbon tetrachloride
Concen: 52.774 ug/L
RT: 5.520 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

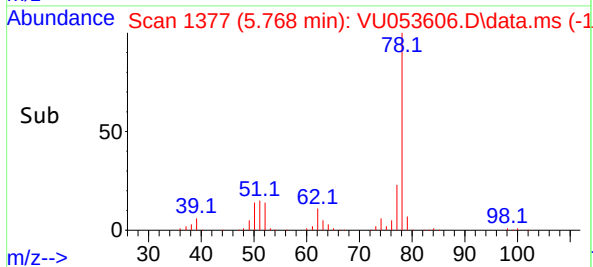
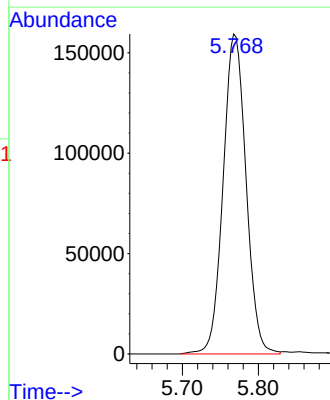
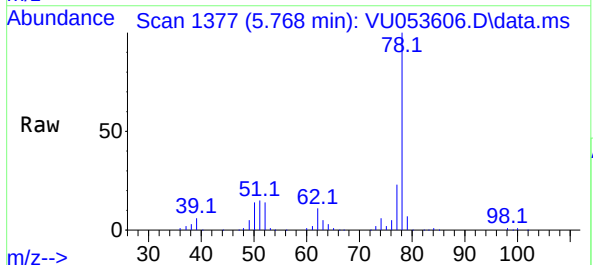
Instrument :
MSVOA_U
ClientSampleId :
BFB177

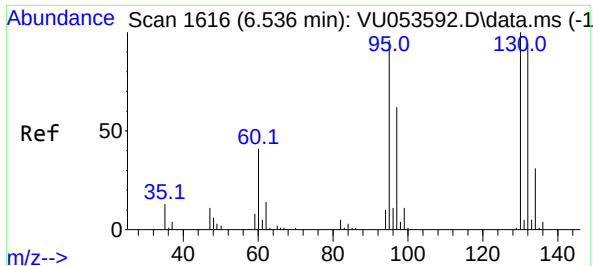
Tgt Ion:117 Resp: 119701
Ion Ratio Lower Upper
117 100
119 94.4 76.9 115.3



#33
Benzene
Concen: 55.692 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 78 Resp: 333375

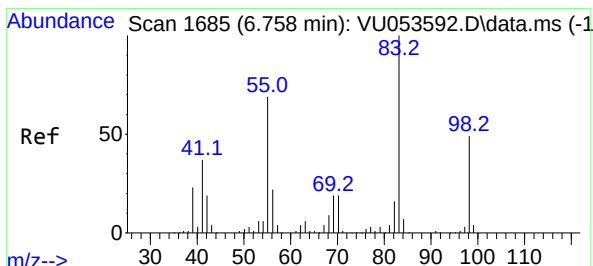
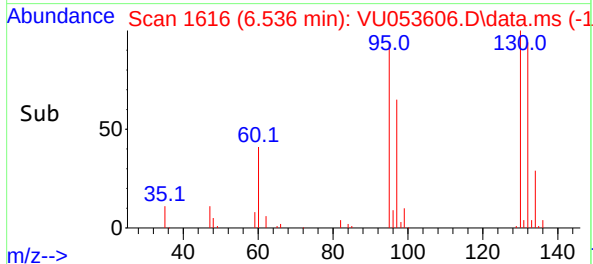
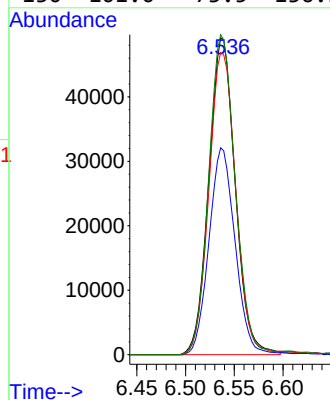
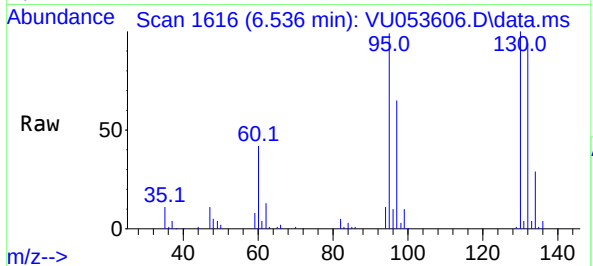




#34
Trichloroethene
Concen: 51.219 ug/L
RT: 6.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

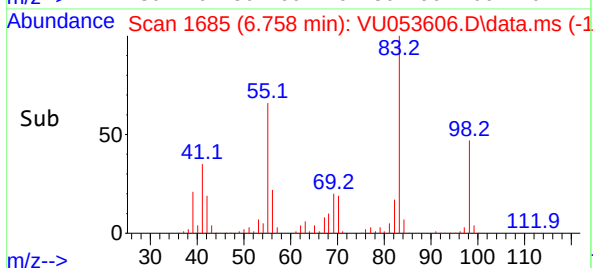
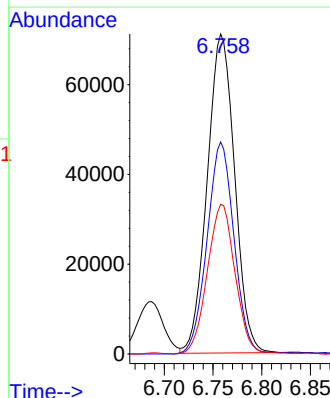
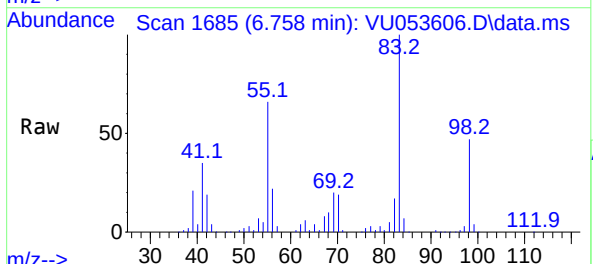
Instrument :
MSVOA_U
ClientSampleId :
BFB177

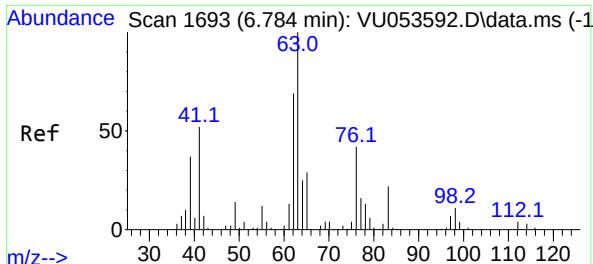
Tgt Ion: 95 Resp: 92731
Ion Ratio Lower Upper
95 100
97 65.3 45.1 83.7
132 95.4 74.1 137.5
130 101.0 73.5 136.5



#35
Methylcyclohexane
Concen: 52.274 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 83 Resp: 139115
Ion Ratio Lower Upper
83 100
55 65.4 53.0 79.6
98 47.4 39.0 58.6

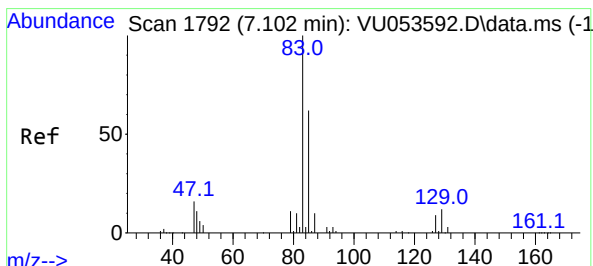
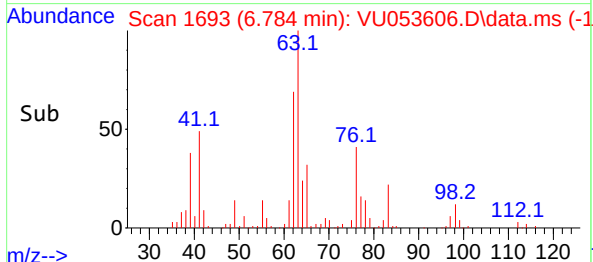
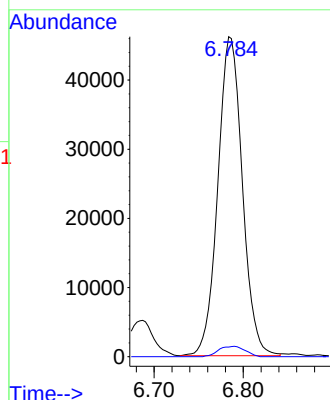
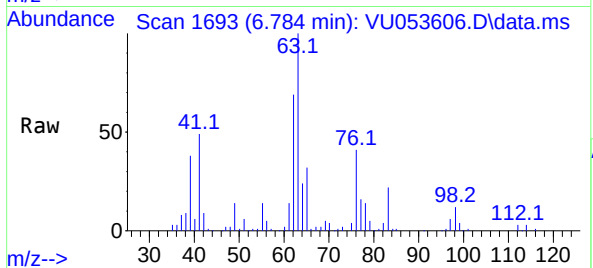




#37
1,2-Dichloropropane
Concen: 58.025 ug/L
RT: 6.784 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

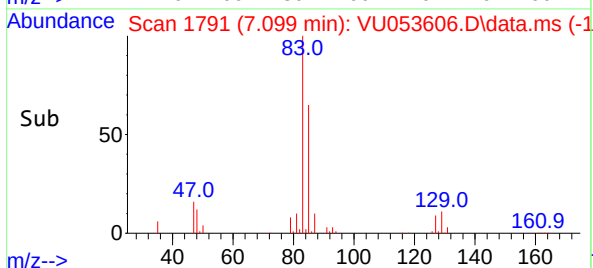
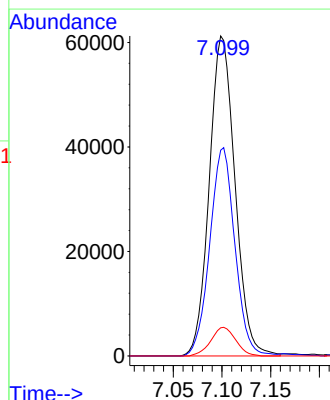
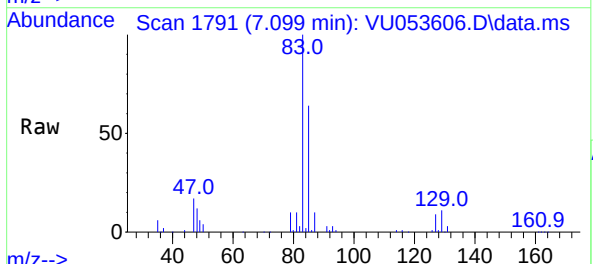
Instrument :
MSVOA_U
ClientSampleId :
BFB177

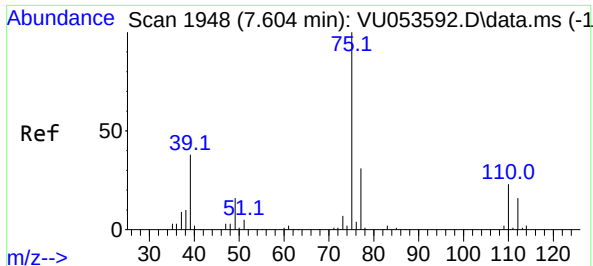
Tgt Ion: 63 Resp: 88195
Ion Ratio Lower Upper
63 100
112 3.5 3.8 5.6#



#38
Bromodichloromethane
Concen: 55.574 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 83 Resp: 112686
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.5
127 8.8 8.0 12.0

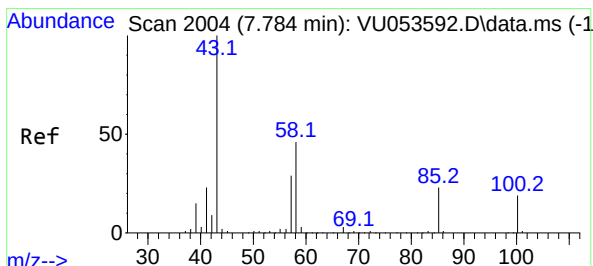
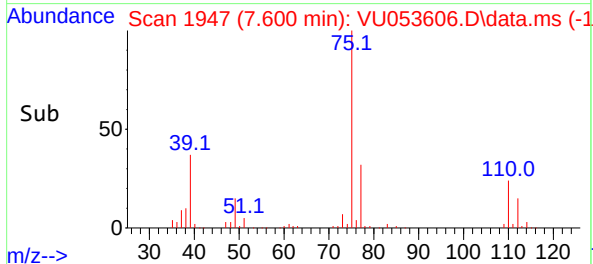
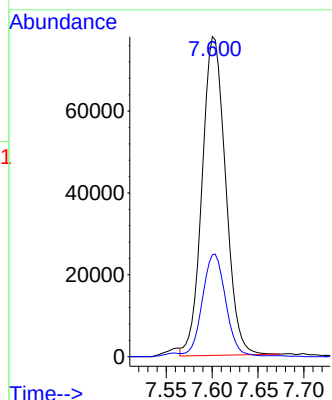
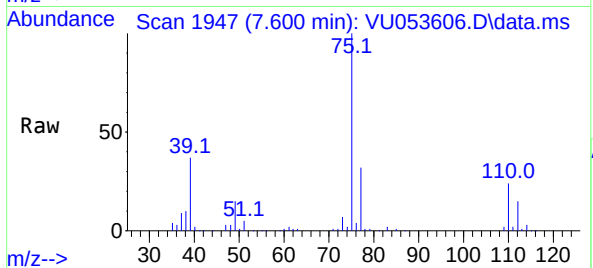




#39
cis-1,3-Dichloropropene
Concen: 55.920 ug/L
RT: 7.600 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

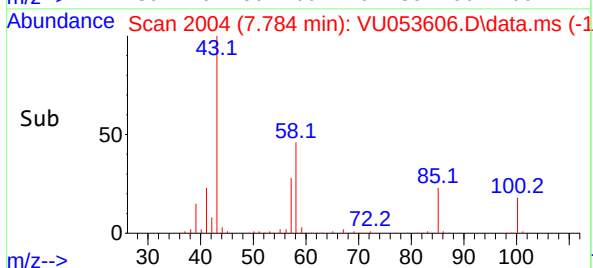
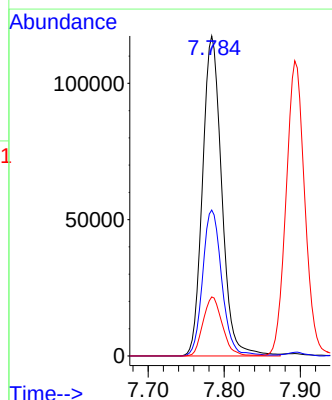
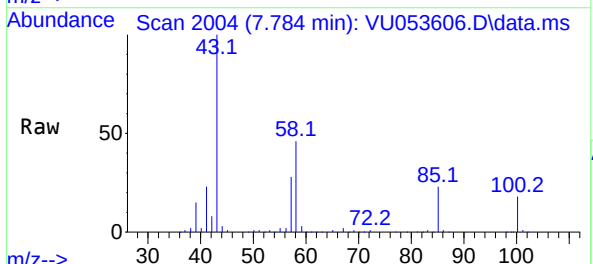
Instrument :
MSVOA_U
ClientSampleId :
BFB177

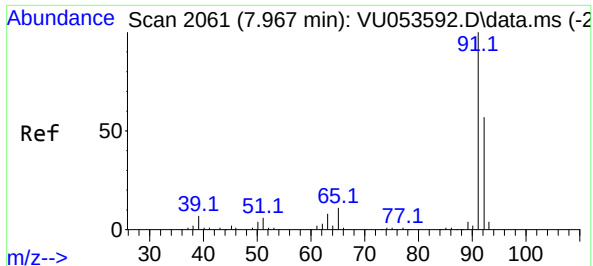
Tgt Ion: 75 Resp: 138895
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 124.913 ug/L
RT: 7.784 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 43 Resp: 206322
Ion Ratio Lower Upper
43 100
58 44.9 35.5 53.3
100 18.5 15.8 23.8





#42

Toluene

Concen: 53.604 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

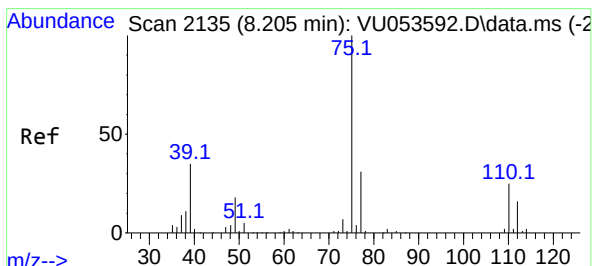
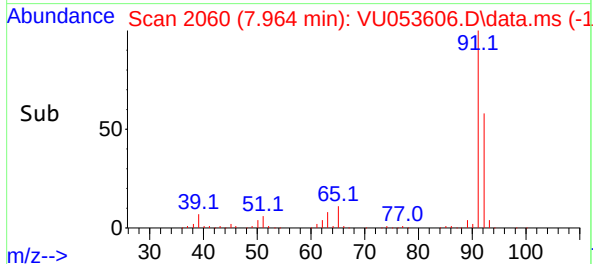
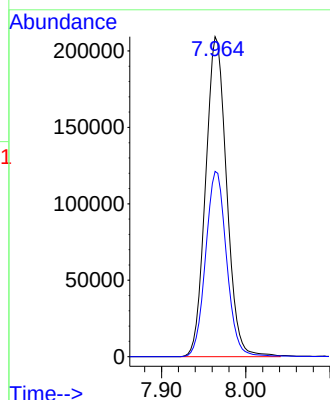
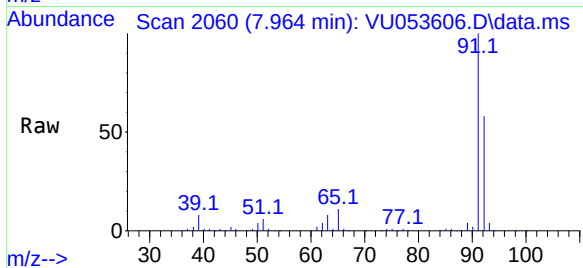
BFB177

Tgt Ion: 91 Resp: 363636

Ion Ratio Lower Upper

91 100

92 57.9 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 56.729 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU053606.D

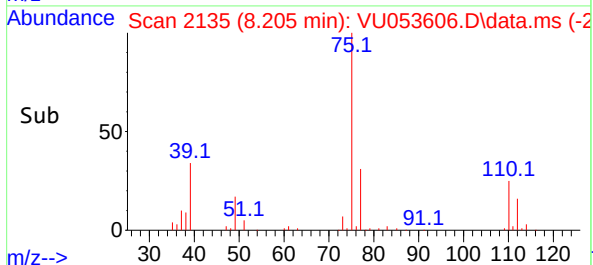
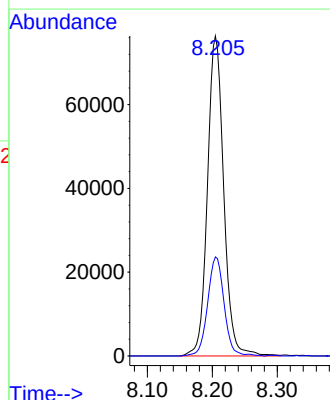
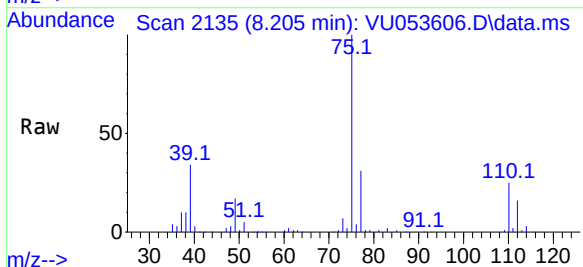
Acq: 07 Apr 2023 19:51

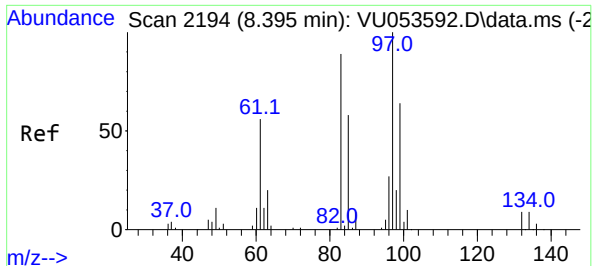
Tgt Ion: 75 Resp: 133205

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4



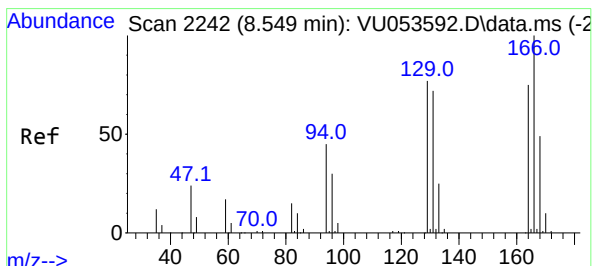
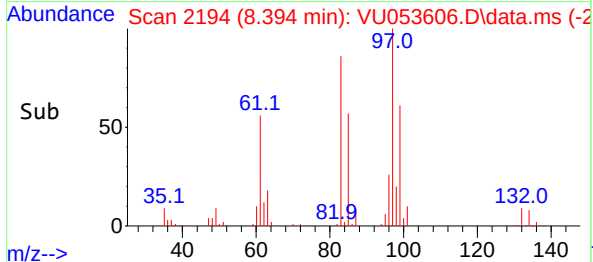
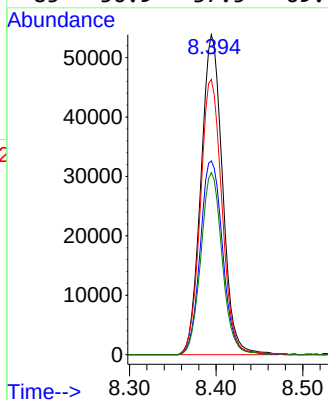
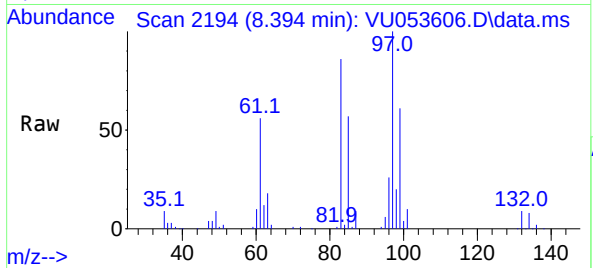


#45
1,1,2-Trichloroethane
Concen: 55.950 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :
BFB177

Tgt Ion: 97 Resp: 93370

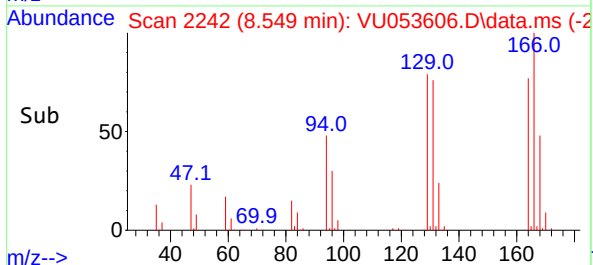
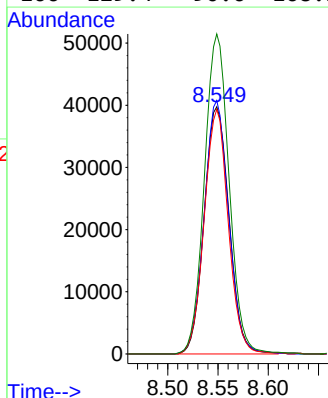
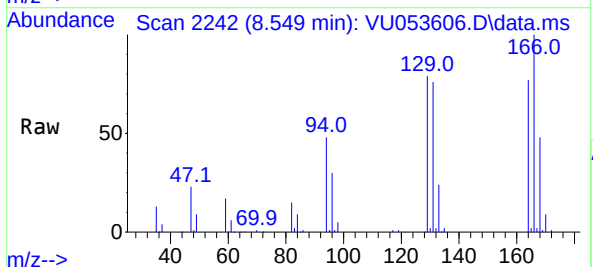
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.8	81.3
83	86.0	59.0	109.6
85	56.9	37.5	69.7

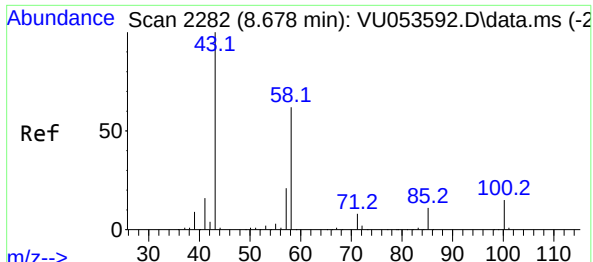


#46
Tetrachloroethene
Concen: 45.786 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 164 Resp: 68790

Ion	Ratio	Lower	Upper
164	100		
129	102.5	64.0	119.0
131	99.0	61.9	115.1
166	129.4	90.6	168.2



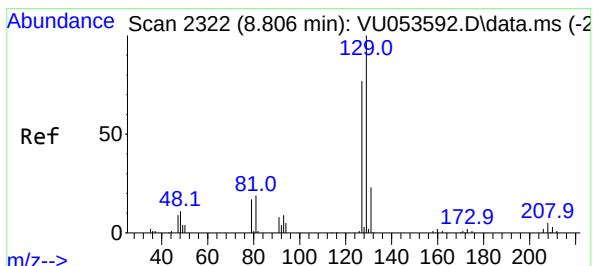
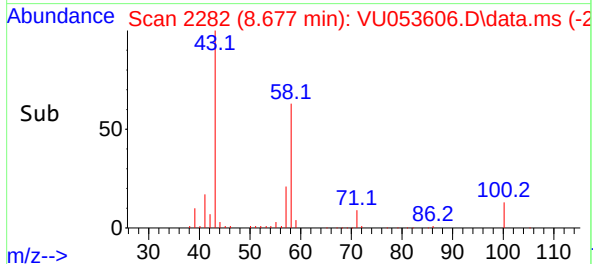
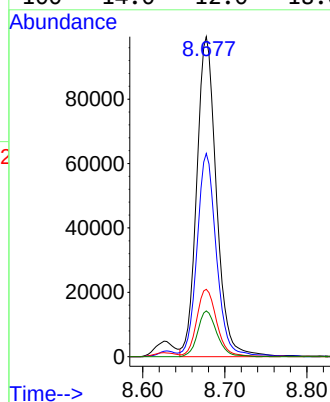
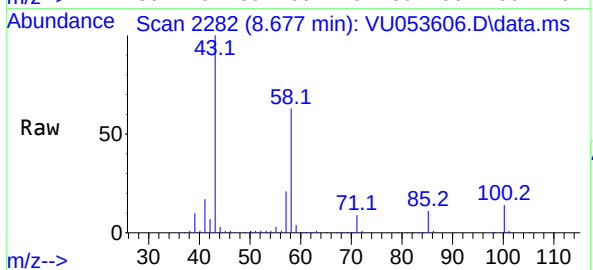


#48
2-Hexanone
Concen: 124.121 ug/L
RT: 8.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :
BFB177

Tgt Ion: 43 Resp: 165840

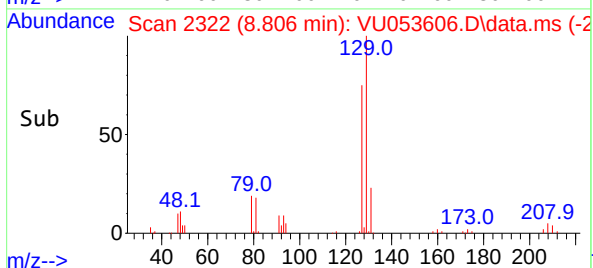
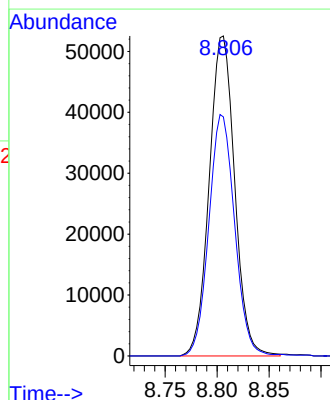
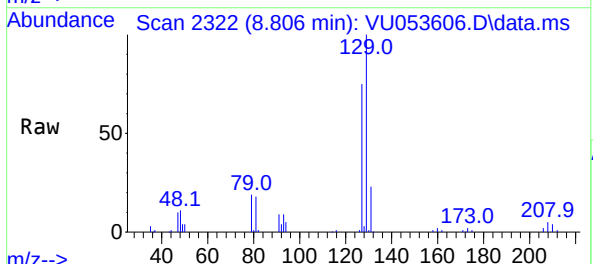
Ion	Ratio	Lower	Upper
43	100		
58	61.1	49.8	74.6
57	21.5	17.8	26.6
100	14.0	12.0	18.0

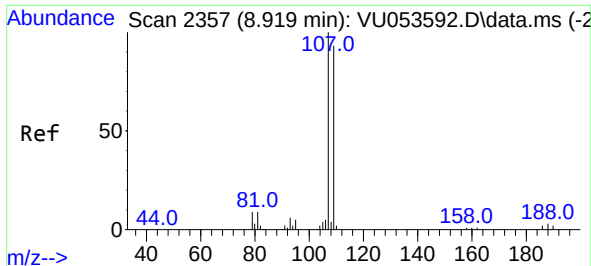


#49
Dibromochloromethane
Concen: 51.567 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 129 Resp: 89481

Ion	Ratio	Lower	Upper
129	100		
127	74.7	53.5	99.3





#50

1,2-Dibromoethane

Concen: 53.876 ug/L

RT: 8.918 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

BFB177

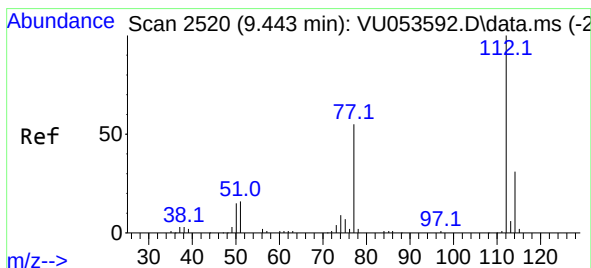
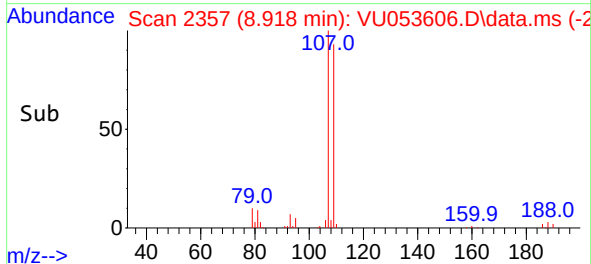
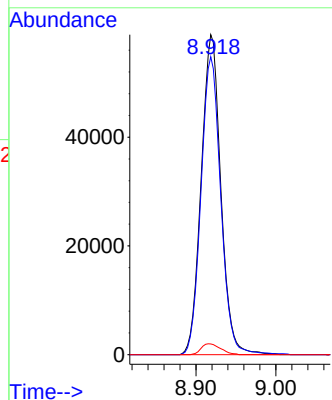
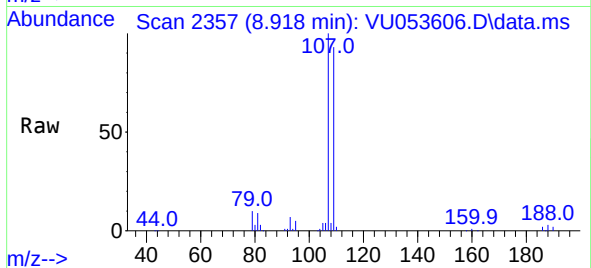
Tgt Ion:107 Resp: 100589

Ion Ratio Lower Upper

107 100

109 93.1 66.3 123.1

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 51.649 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

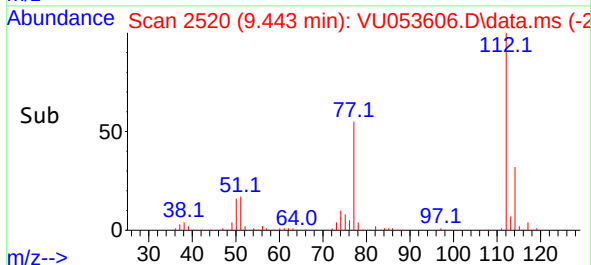
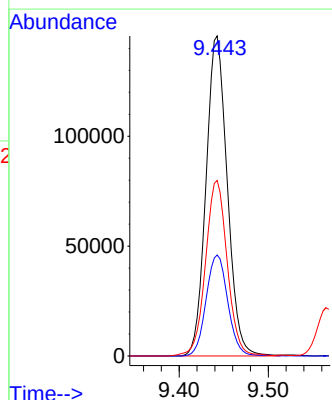
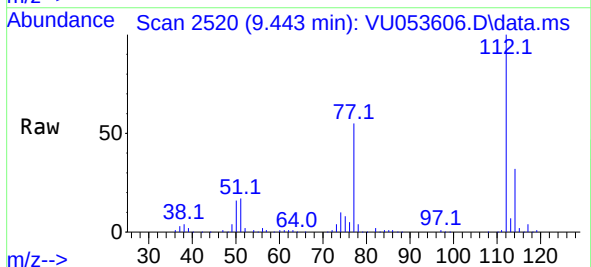
Tgt Ion:112 Resp: 241405

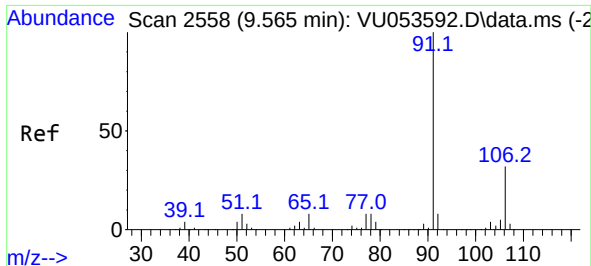
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 54.9 41.3 61.9

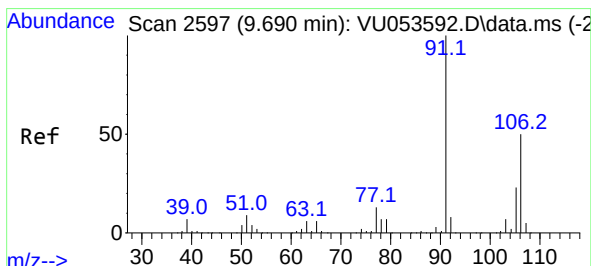
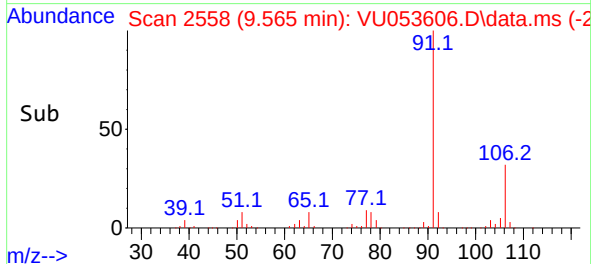
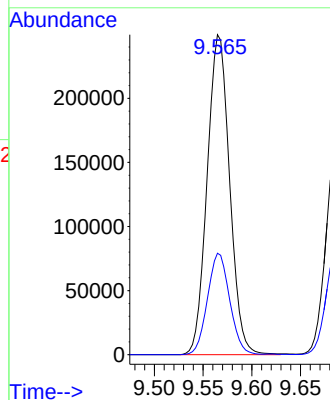
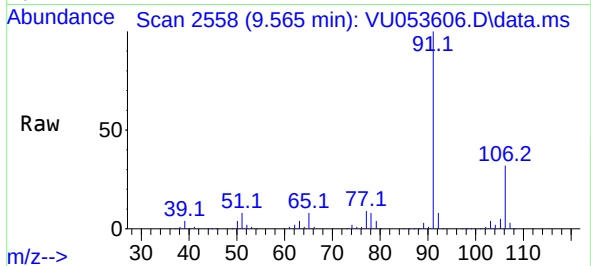




#52
Ethylbenzene
Concen: 53.047 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

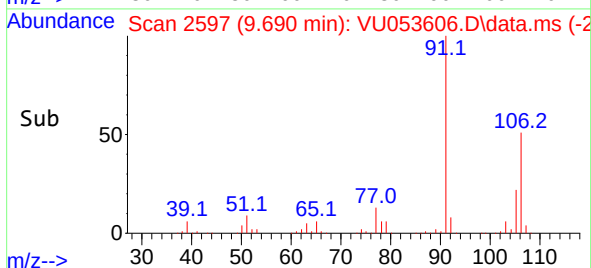
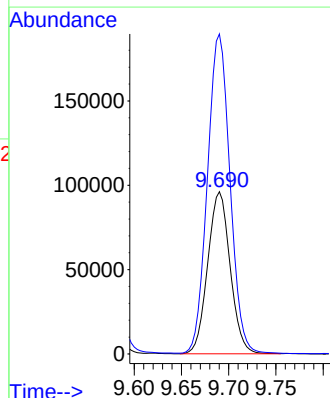
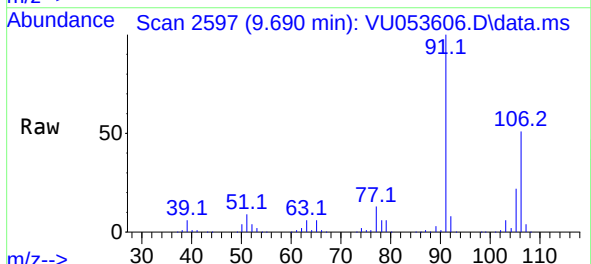
Instrument :
MSVOA_U
ClientSampleId :
BFB177

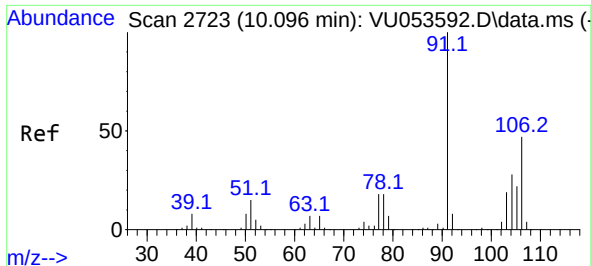
Tgt Ion: 91 Resp: 400586
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 53.761 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 106 Resp: 158779
Ion Ratio Lower Upper
106 100
91 197.2 140.0 260.0

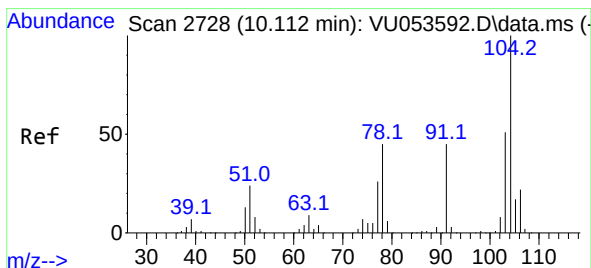
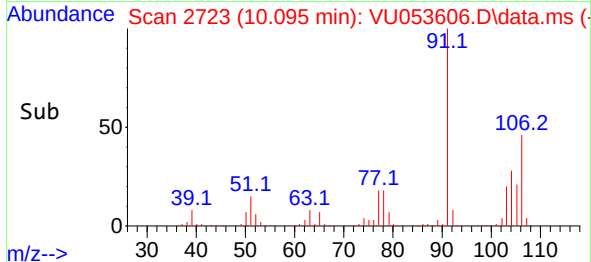
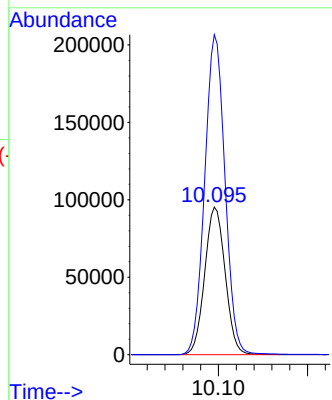
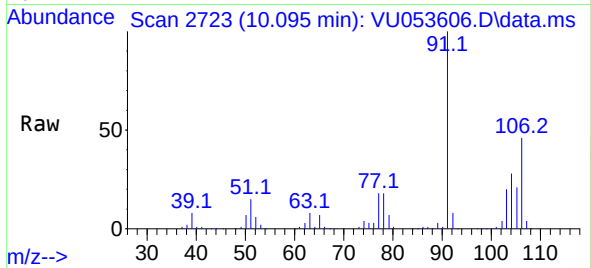




#54
o-Xylene
Concen: 52.064 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

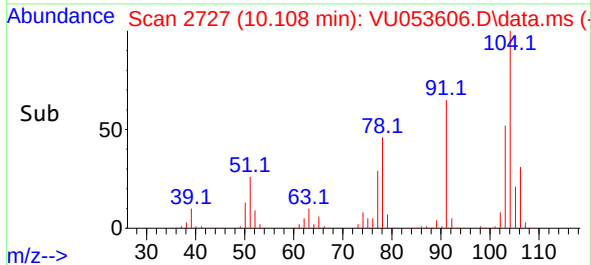
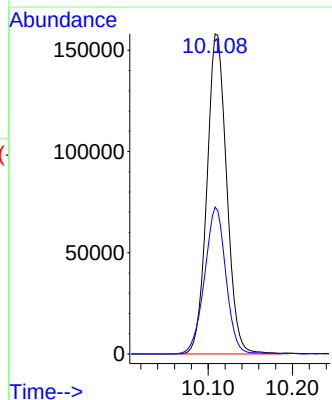
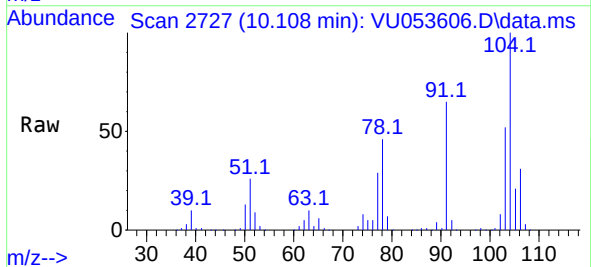
Instrument :
MSVOA_U
ClientSampleId :
BFB177

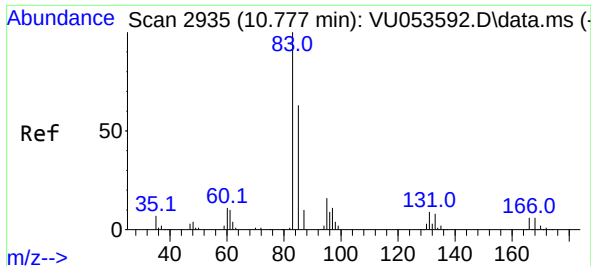
Tgt Ion:106 Resp: 152028
Ion Ratio Lower Upper
106 100
91 216.6 144.9 269.1



#55
Styrene
Concen: 54.183 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:104 Resp: 257701
Ion Ratio Lower Upper
104 100
78 45.9 31.3 58.1

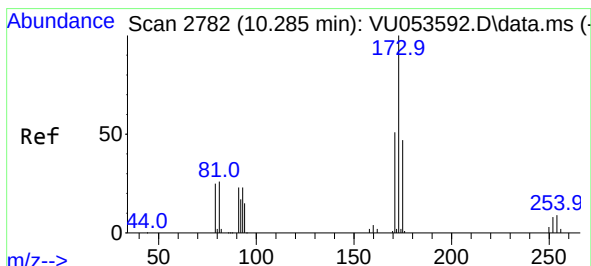
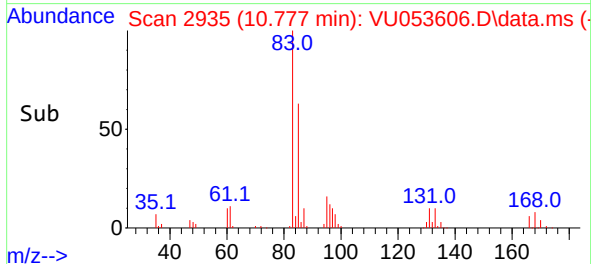
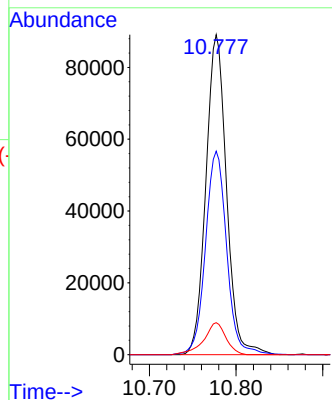
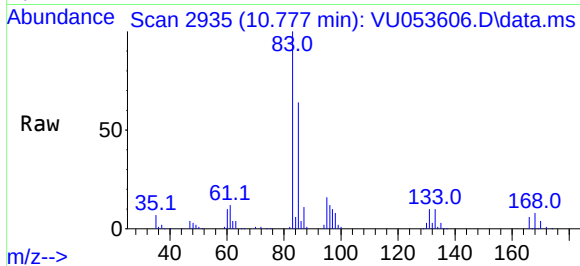




#57
1,1,2,2-Tetrachloroethane
Concen: 60.118 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

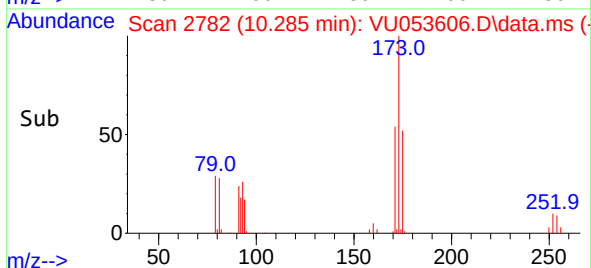
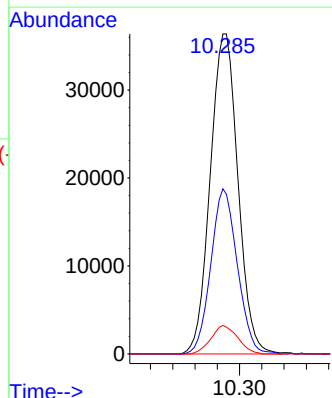
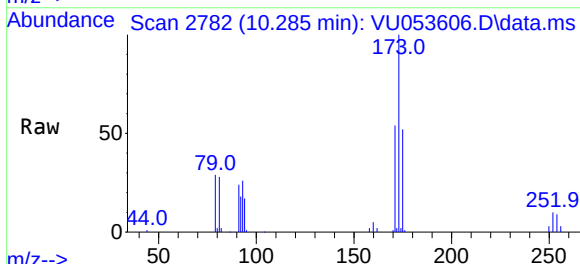
Instrument :
MSVOA_U
ClientSampleId :
BFB177

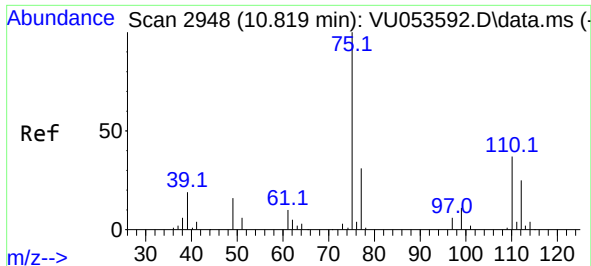
Tgt Ion: 83 Resp: 147301
Ion Ratio Lower Upper
83 100
85 63.6 47.0 87.4
131 10.0 8.7 13.1



#59
Bromoform
Concen: 49.228 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:173 Resp: 62832
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 8.6 7.0 10.4

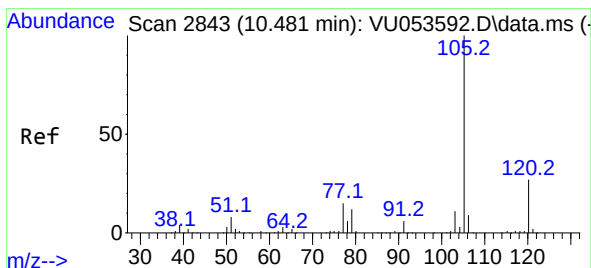
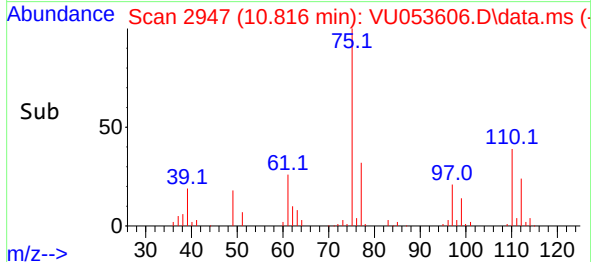
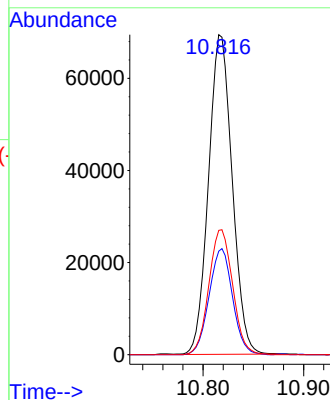
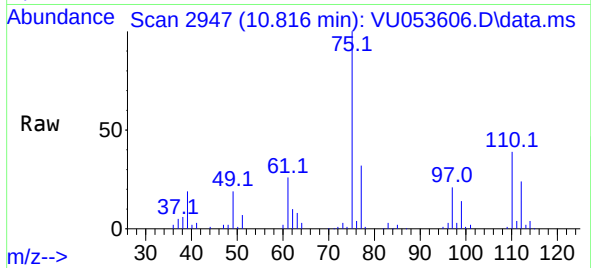




#60
1,2,3-Trichloropropane
Concen: 62.790 ug/L
RT: 10.816 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

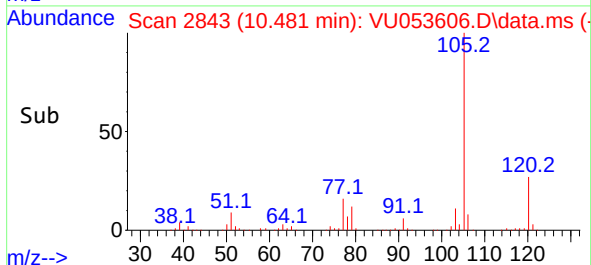
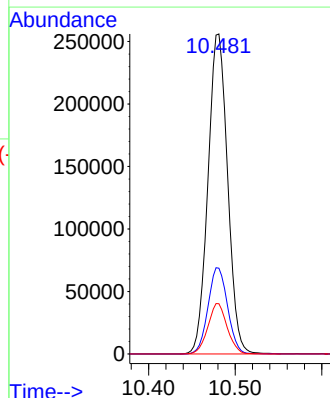
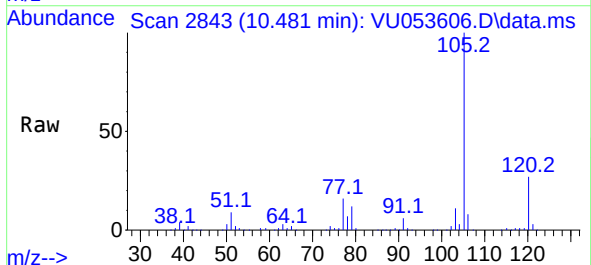
Instrument :
MSVOA_U
ClientSampleId :
BFB177

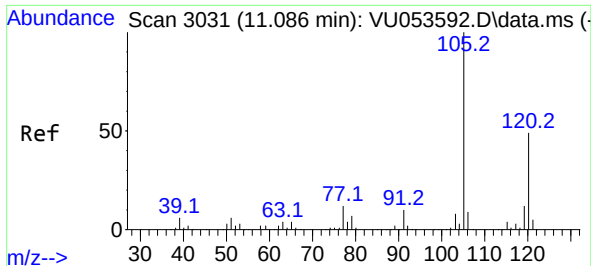
Tgt Ion: 75 Resp: 113527
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
110 39.3 32.6 48.8



#61
Isopropylbenzene
Concen: 54.768 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion: 105 Resp: 403771
Ion Ratio Lower Upper
105 100
120 26.8 22.4 33.6
77 15.5 12.1 18.1

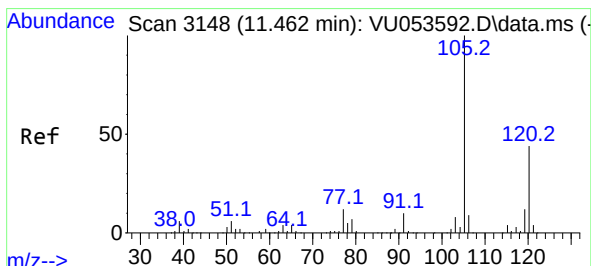
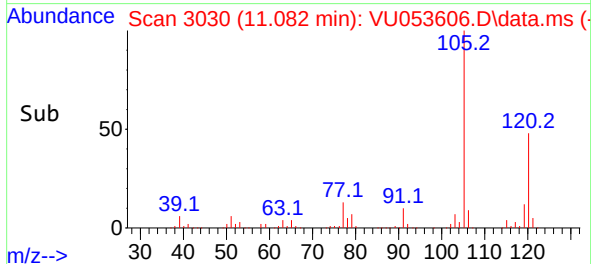
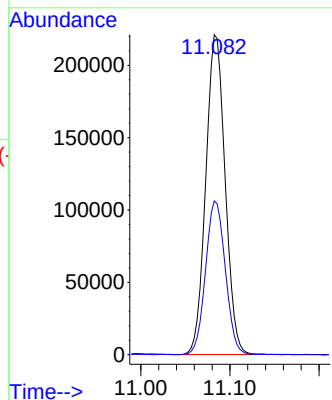
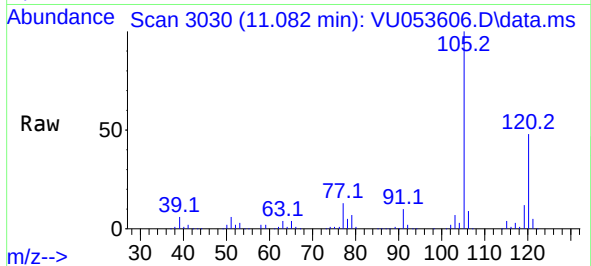




#62
1,3,5-Trimethylbenzene
Concen: 54.409 ug/L
RT: 11.082 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

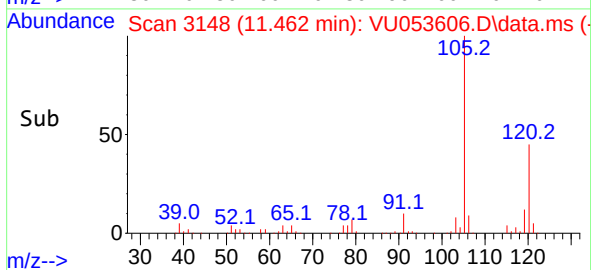
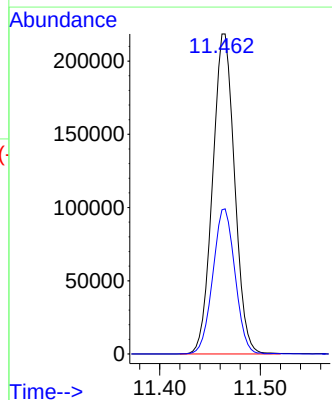
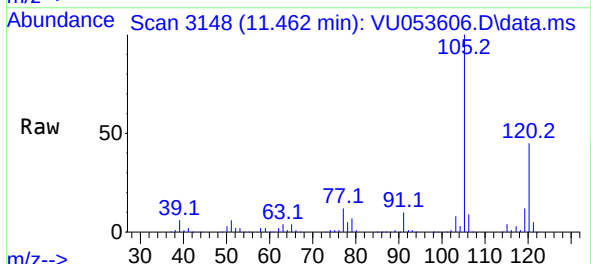
Instrument :
MSVOA_U
ClientSampleId :
BFB177

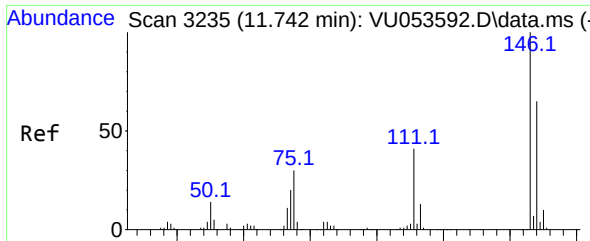
Tgt Ion:105 Resp: 333447
Ion Ratio Lower Upper
105 100
120 49.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 54.751 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:105 Resp: 332335
Ion Ratio Lower Upper
105 100
120 45.6 37.5 56.3

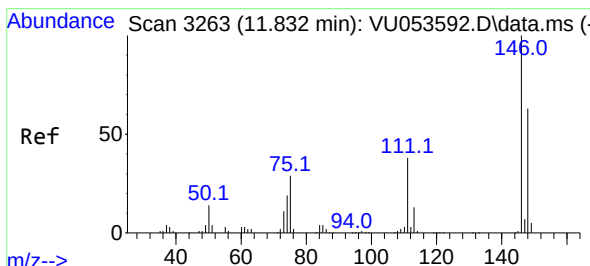
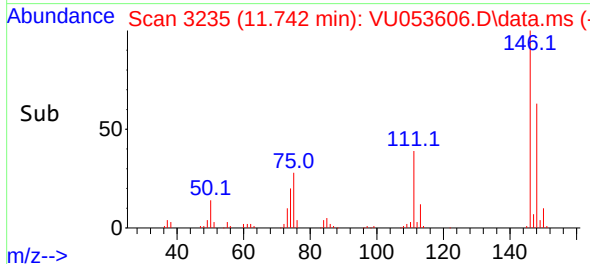
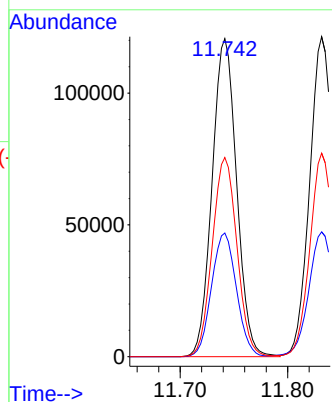
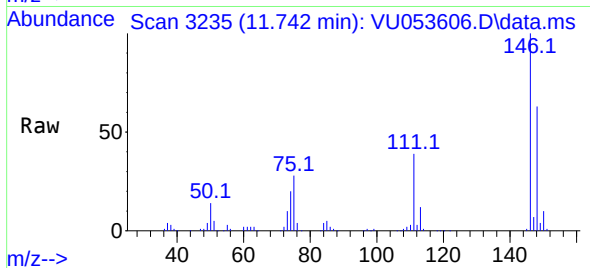




#64
1,3-Dichlorobenzene
Concen: 49.694 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

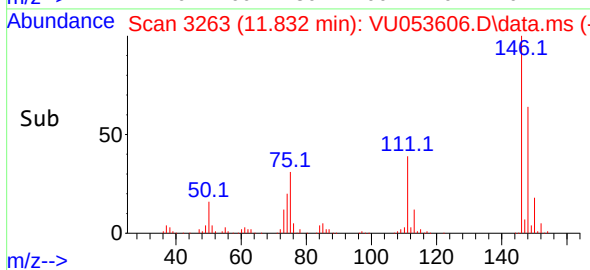
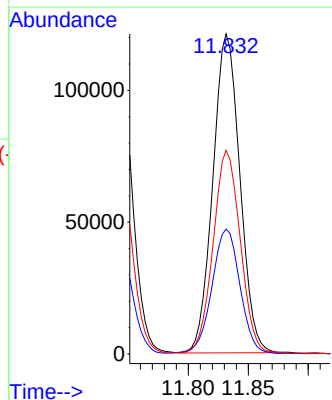
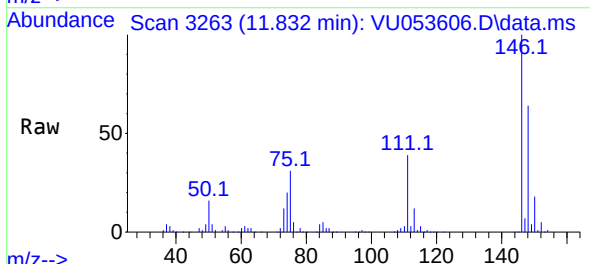
Instrument :
MSVOA_U
ClientSampleId :
BFB177

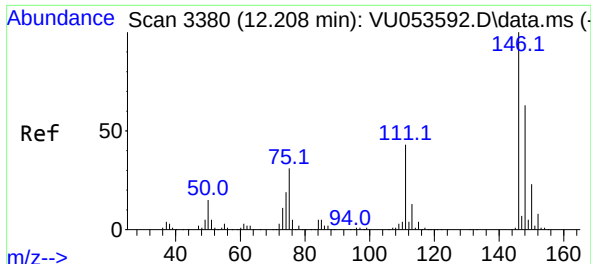
Tgt Ion:146 Resp: 191434
Ion Ratio Lower Upper
146 100
111 38.9 25.7 47.7
148 62.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 48.241 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:146 Resp: 189402
Ion Ratio Lower Upper
146 100
111 39.0 25.1 46.5
148 63.6 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 50.668 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

BFB177

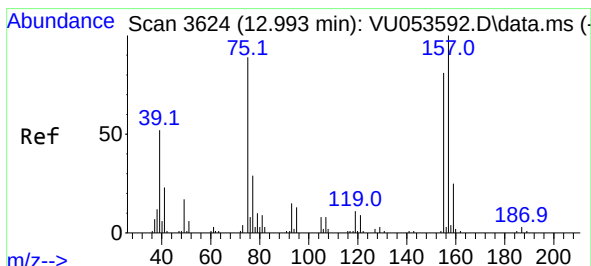
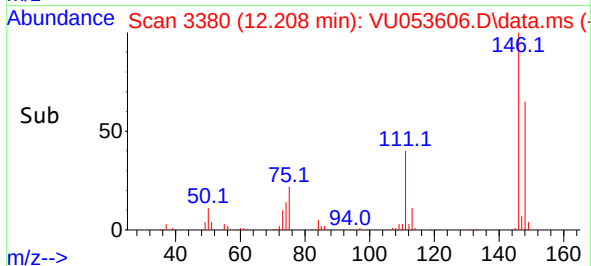
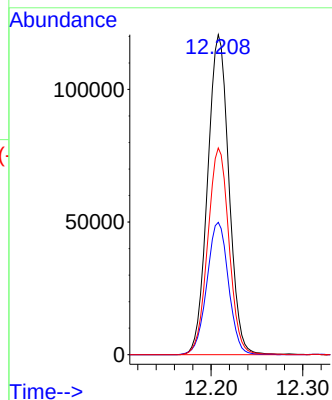
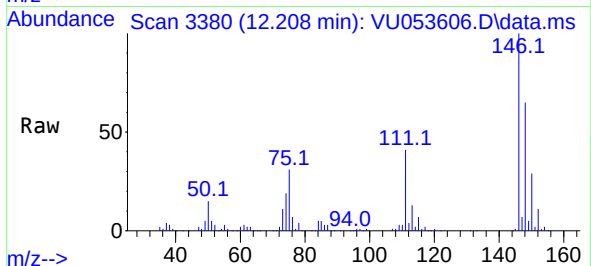
Tgt Ion:146 Resp: 194531

Ion Ratio Lower Upper

146 100

111 41.3 31.5 47.3

148 64.6 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 65.313 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU053606.D

Acq: 07 Apr 2023 19:51

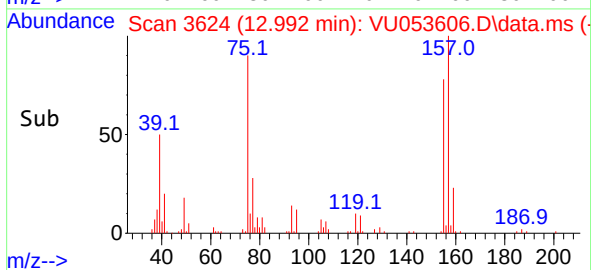
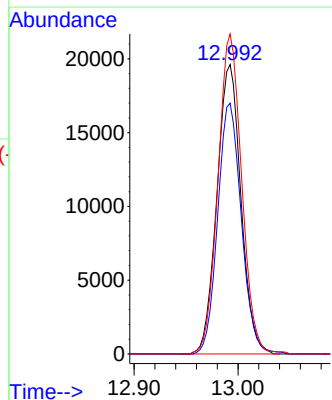
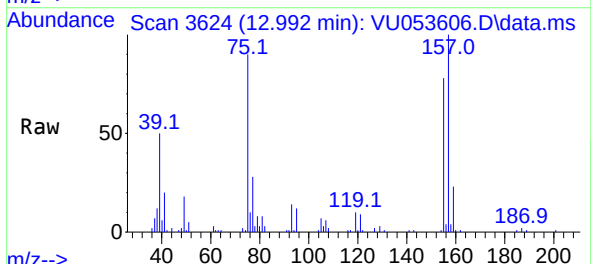
Tgt Ion: 75 Resp: 31481

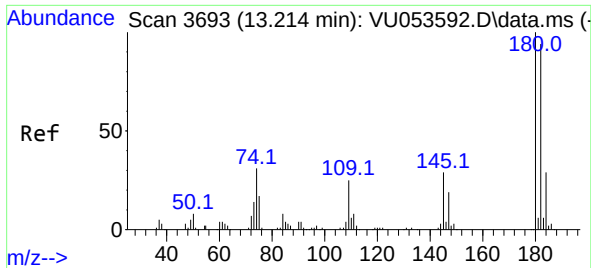
Ion Ratio Lower Upper

75 100

155 86.6 79.9 119.9

157 110.6 100.8 151.2



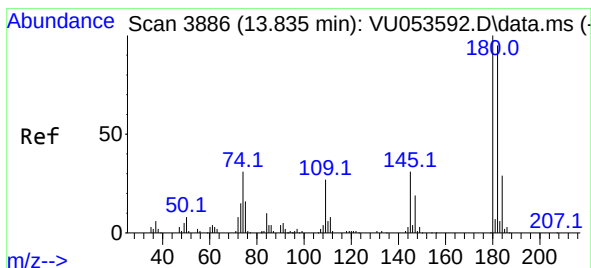
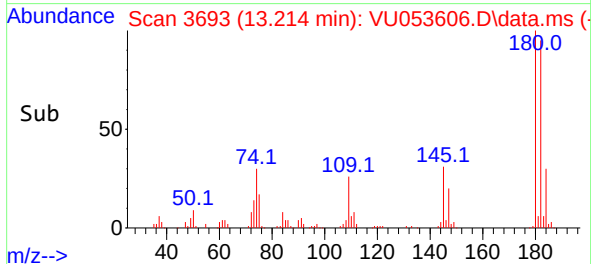
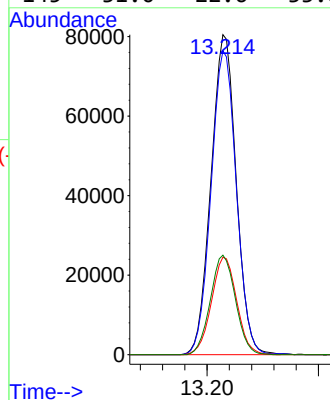
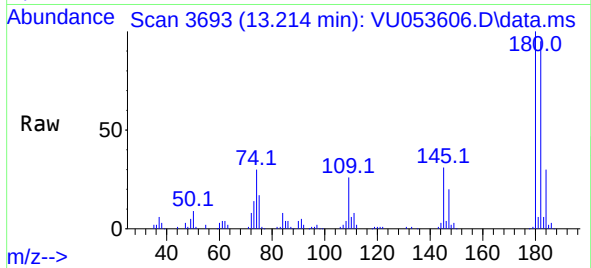


#69
 1,3,5-Trichlorobenzene
 Concen: 44.236 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU053606.D
 Acq: 07 Apr 2023 19:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB177

Tgt Ion:180 Resp: 126192

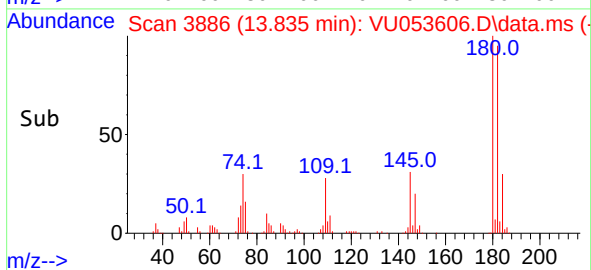
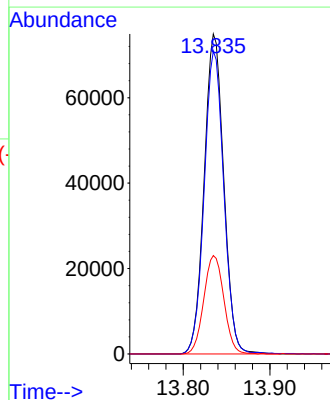
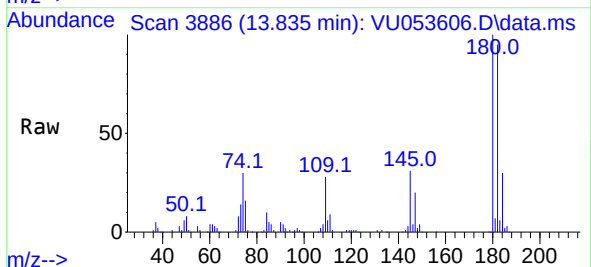
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.6	113.4
184	30.6	24.2	36.2
145	31.0	22.6	33.8

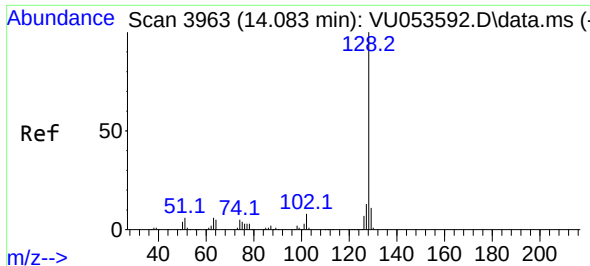


#70
 1,2,4-trichlorobenzene
 Concen: 44.430 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU053606.D
 Acq: 07 Apr 2023 19:51

Tgt Ion:180 Resp: 117511

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.8
145	31.5	23.4	35.2

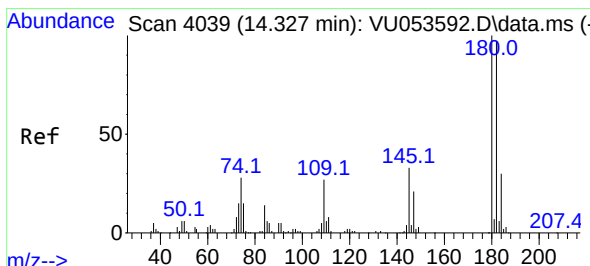
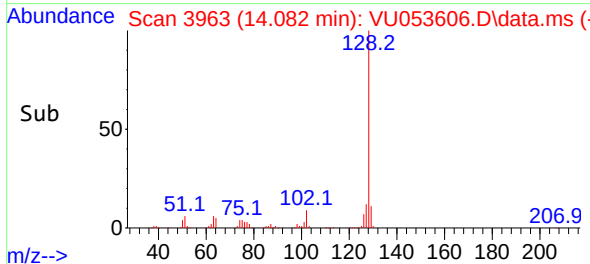
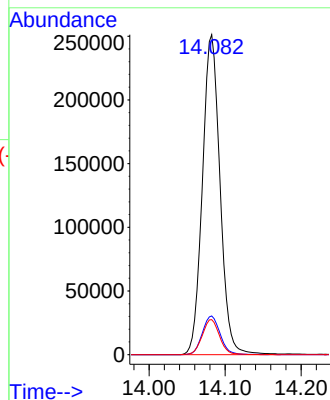
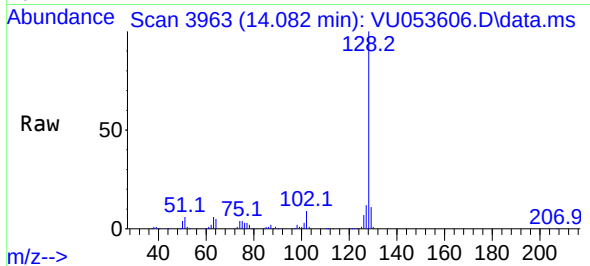




#71
Naphthalene
Concen: 51.089 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :
BFB177

Tgt Ion:128 Resp: 404440
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 44.478 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU053606.D
Acq: 07 Apr 2023 19:51

Tgt Ion:180 Resp: 117499
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.6
145 33.8 25.4 38.0

