

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049750.D
 Acq On : 15 Jul 2022 20:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB106

Quant Time: Jul 15 23:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	196690	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	185355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54553	32.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.740%		
7) Chloroethane-d5	1.896	69	46853	39.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.120%		
11) 1,1-Dichloroethene-d2	2.562	63	109369	37.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.620%		
21) 2-Butanone-d5	4.620	46	172740	121.930	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.930%		
24) Chloroform-d	5.063	84	145412	49.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.940%		
26) 1,2-Dichloroethane-d4	5.703	65	98197	49.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.720%		
32) Benzene-d6	5.726	84	248739	44.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.340%		
36) 1,2-Dichloropropane-d6	6.690	67	93509	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.740%		
41) Toluene-d8	7.896	98	213626	43.564	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.120%		
43) trans-1,3-Dichloroprop...	8.179	79	39182	49.100	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.200%		
47) 2-Hexanone-d5	8.632	63	96635	113.423	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.420%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	145845	55.032	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	84829	48.917	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	99328	42.129	ug/L	100
3) Chloromethane	1.520	50	127458	49.257	ug/L	100
5) Vinyl chloride	1.600	62	103004	44.052	ug/L	99
6) Bromomethane	1.835	94	53495	49.517	ug/L	98
8) Chloroethane	1.922	64	58333	45.035	ug/L	99
9) Trichlorofluoromethane	2.131	101	126331	43.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	63748	42.071	ug/L	99
12) 1,1-Dichloroethene	2.575	96	62185	44.220	ug/L	95
13) Acetone	2.626	43	114845	85.299	ug/L	98
14) Carbon disulfide	2.787	76	183639	38.724	ug/L	99
15) Methyl Acetate	2.944	43	122357	55.938	ug/L	99
16) Methylene chloride	3.041	84	92015	51.960	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	70523	45.842	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	279724	53.086	ug/L	99
19) 1,1-Dichloroethane	3.867	63	159853	49.911	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	86841	50.228	ug/L	99
22) 2-Butanone	4.700	43	189520	105.137	ug/L	100
23) Bromochloromethane	4.973	128	45127	52.310	ug/L	96
25) Chloroform	5.086	83	163939	51.047	ug/L	98

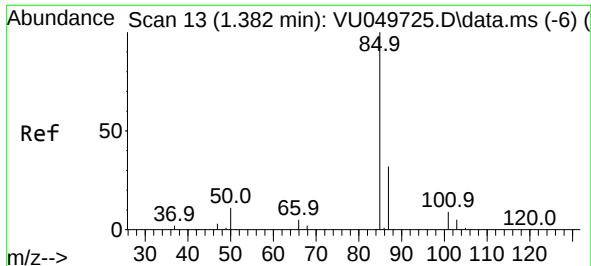
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	141621	51.788	ug/L	99
29) Cyclohexane	5.388	56	122054	42.187	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	130454	48.615	ug/L	99
31) Carbon tetrachloride	5.523	117	103542	47.177	ug/L	98
33) Benzene	5.771	78	346092	49.674	ug/L	100
34) Trichloroethene	6.539	95	79237	47.049	ug/L	99
35) Methylcyclohexane	6.761	83	111639	42.184	ug/L	99
37) 1,2-Dichloropropane	6.790	63	99111	51.323	ug/L	100
38) Bromodichloromethane	7.105	83	121751	50.850	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	135131	51.884	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	354308	113.332	ug/L	99
42) Toluene	7.967	91	341409	49.305	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	126450	51.708	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	90160	53.489	ug/L	98
46) Tetrachloroethene	8.552	164	53480	45.785	ug/L	96
48) 2-Hexanone	8.684	43	289691	115.957	ug/L	100
49) Dibromochloromethane	8.809	129	88855	52.411	ug/L	98
50) 1,2-Dibromoethane	8.922	107	91527	54.663	ug/L	100
51) Chlorobenzene	9.446	112	206264	49.189	ug/L	100
52) Ethylbenzene	9.568	91	353855	48.426	ug/L	99
53) m,p-Xylene	9.693	106	128925	48.522	ug/L	98
54) o-Xylene	10.098	106	132922	49.683	ug/L	96
55) Styrene	10.115	104	230933	52.304	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	163362	54.142	ug/L	97
59) Bromoform	10.288	173	63473	51.453	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	131364	53.621	ug/L	99
61) Isopropylbenzene	10.484	105	334201	48.662	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	288949	49.879	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	288808	50.183	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	147497	49.198	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	146272	48.570	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	158156	50.733	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	41246	57.458	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	102612	48.845	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	92150	47.799	ug/L	97
71) Naphthalene	14.085	128	385379	55.919	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	104132	52.145	ug/L	99

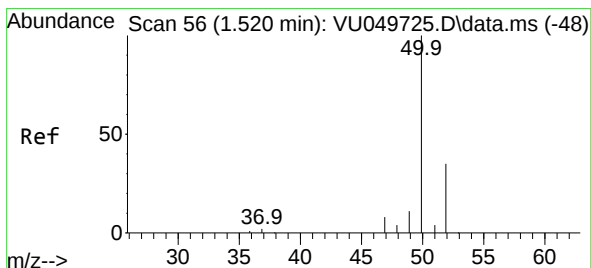
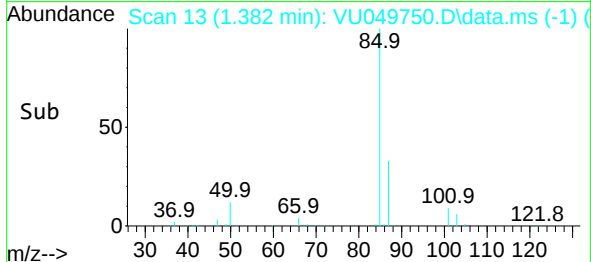
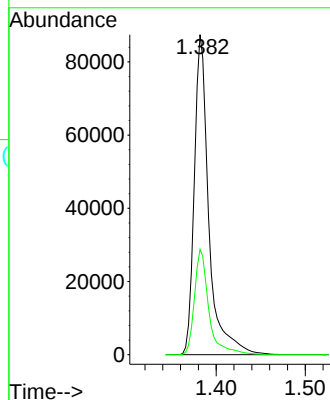
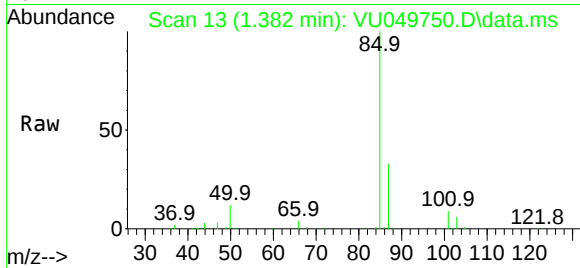
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#2
 Dichlorodifluoromethane
 Concen: 42.129 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

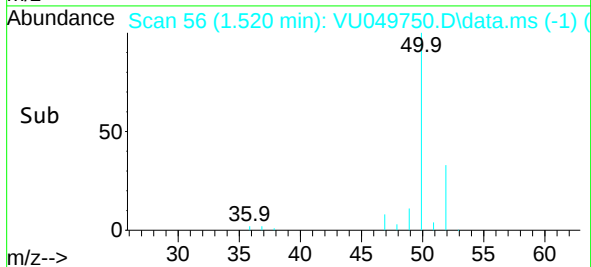
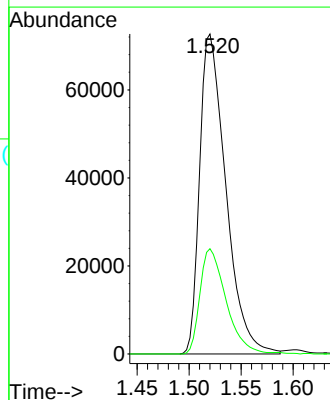
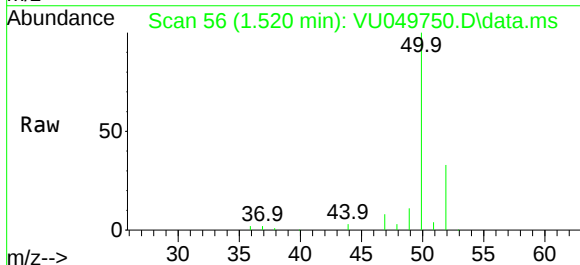
Instrument :
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 ClientSampleId :
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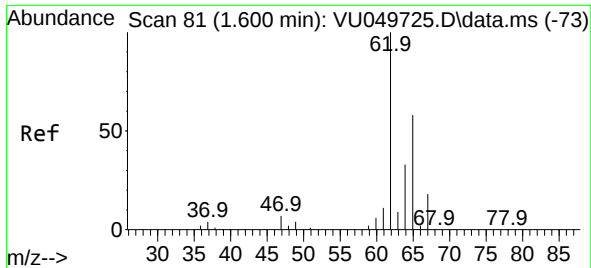
Tgt Ion: 85 Resp: 99328
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.3 39.5



#3
 Chloromethane
 Concen: 49.257 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

Tgt Ion: 50 Resp: 127458
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.0

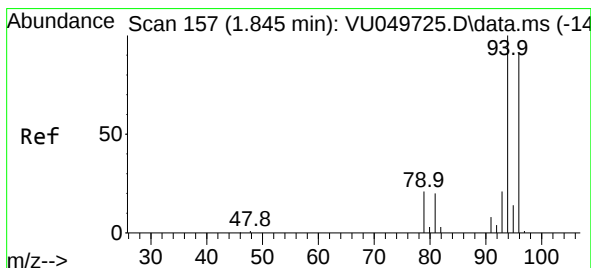
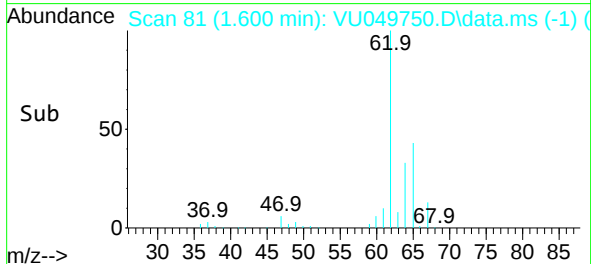
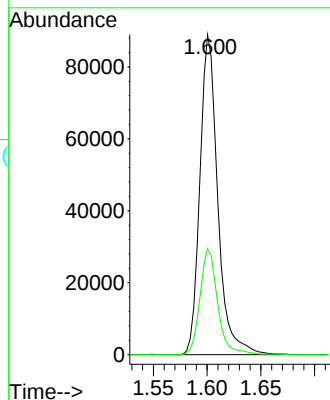
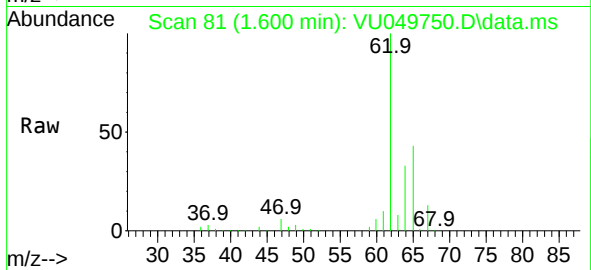




#5
 Vinyl chloride
 Concen: 44.052 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

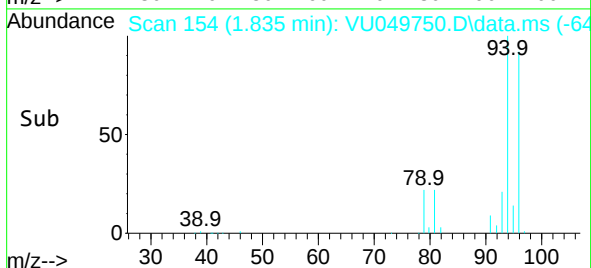
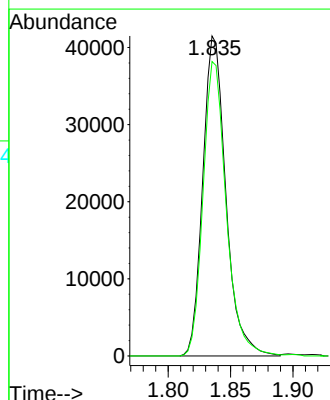
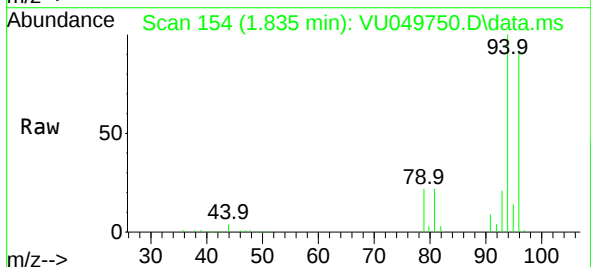
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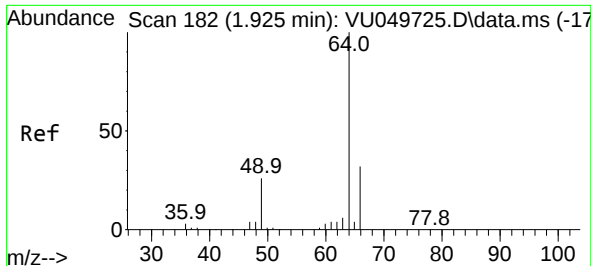
Tgt Ion: 62 Resp: 103004
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 49.517 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.010 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

Tgt Ion: 94 Resp: 53495
 Ion Ratio Lower Upper
 94 100
 96 92.0 66.1 122.7

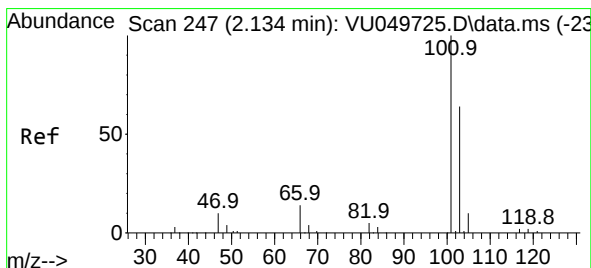
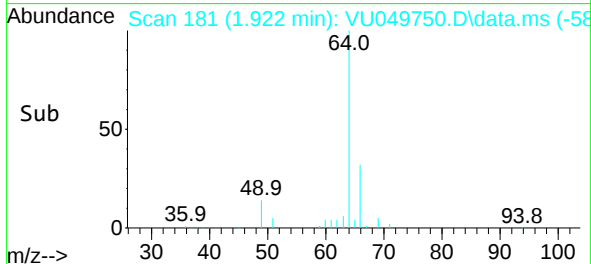
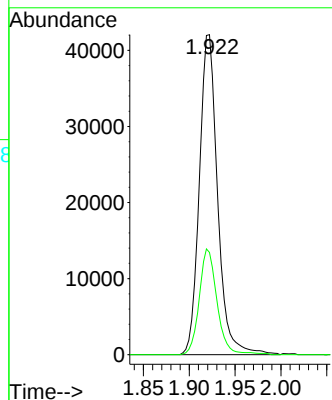
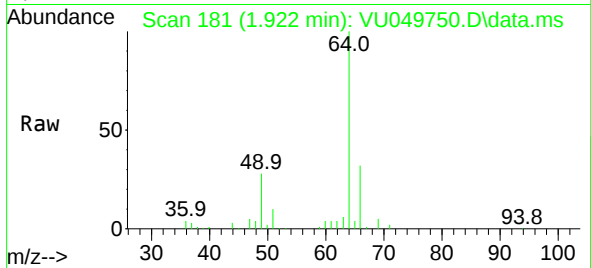




#8
Chloroethane
Concen: 45.035 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

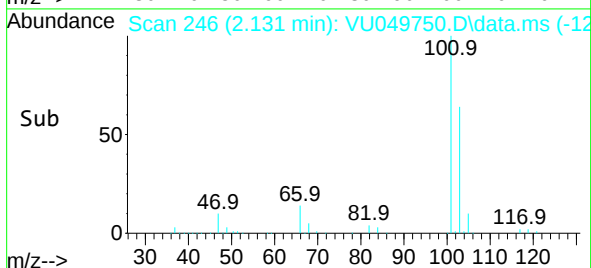
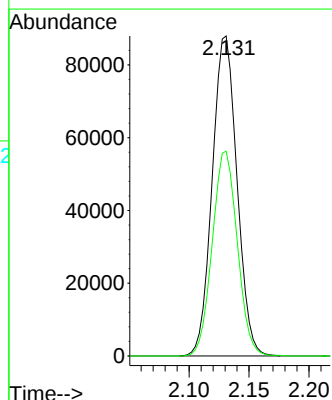
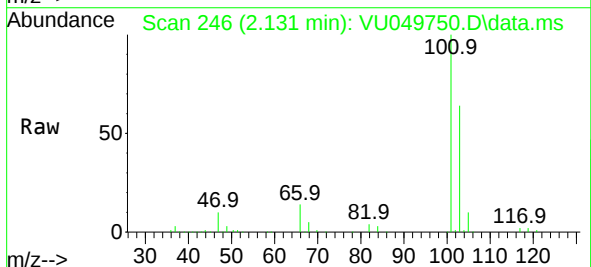
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ClientSampleId :
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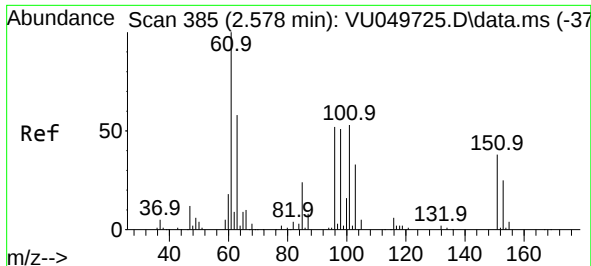
Tgt Ion: 64 Resp: 58333
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 43.749 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:101 Resp: 126331
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

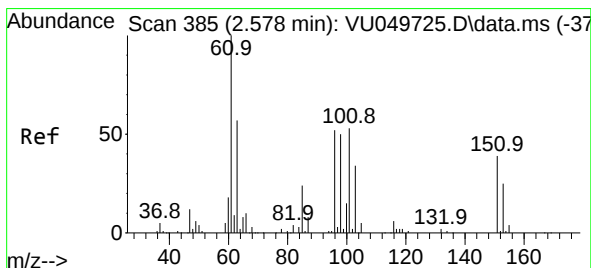
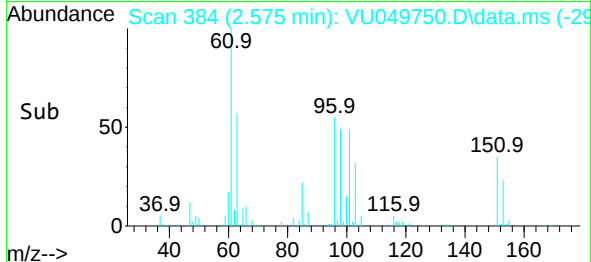
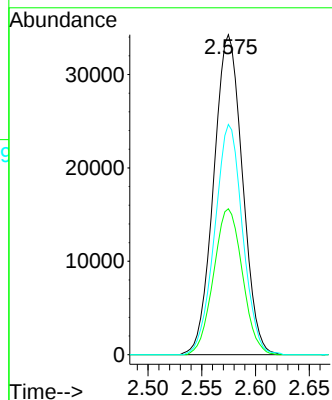
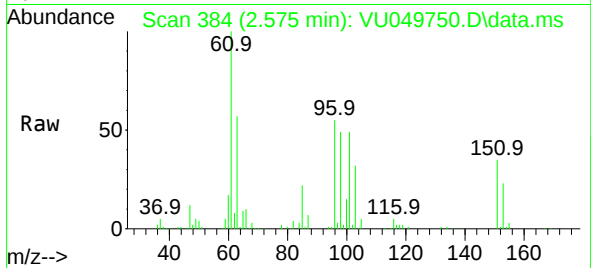




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.071 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

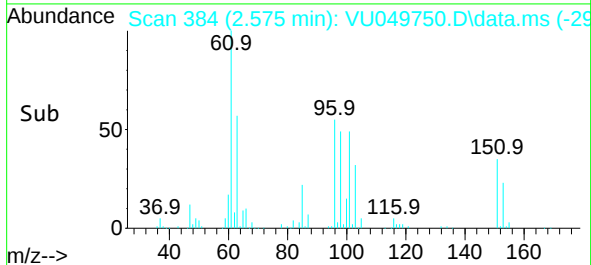
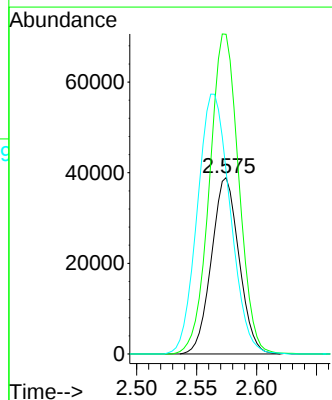
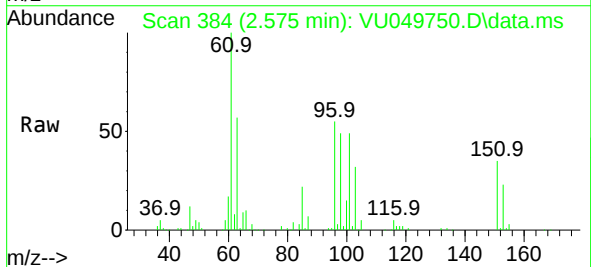
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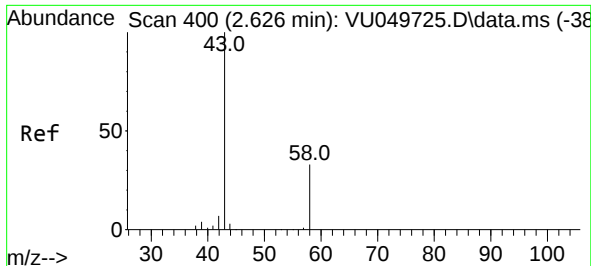
Tgt Ion:101 Resp: 63748
 Ion Ratio Lower Upper
 101 100
 85 45.7 37.3 55.9
 151 70.0 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 44.220 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

Tgt Ion: 96 Resp: 62185
 Ion Ratio Lower Upper
 96 100
 61 181.2 129.6 240.6
 63 103.5 79.0 146.6





#13

Acetone

Concen: 85.299 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

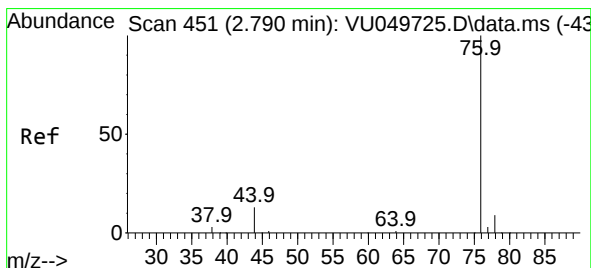
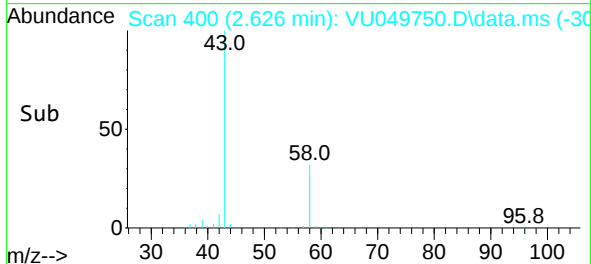
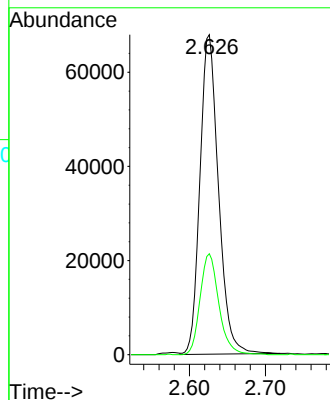
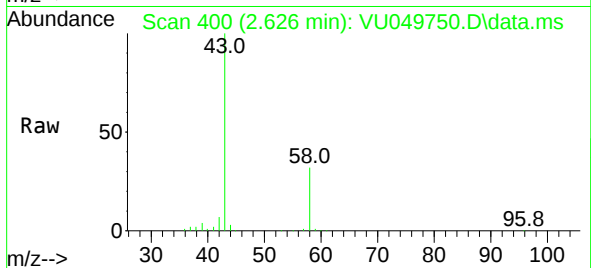
BFB106

Tgt Ion: 43 Resp: 114845

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.4



#14

Carbon disulfide

Concen: 38.724 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049750.D

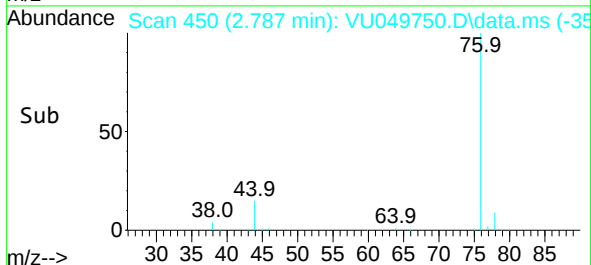
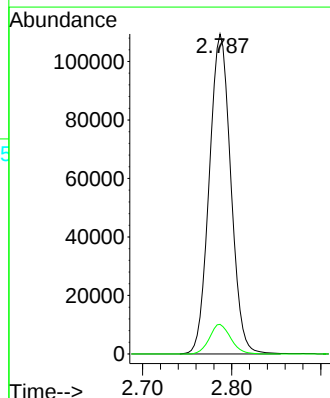
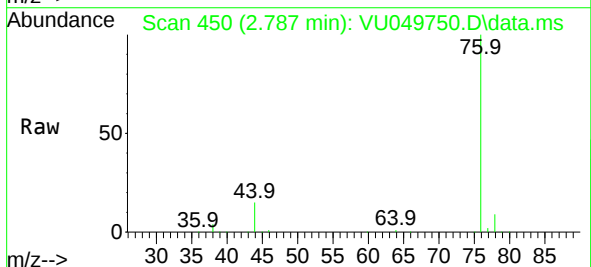
Acq: 15 Jul 2022 20:32

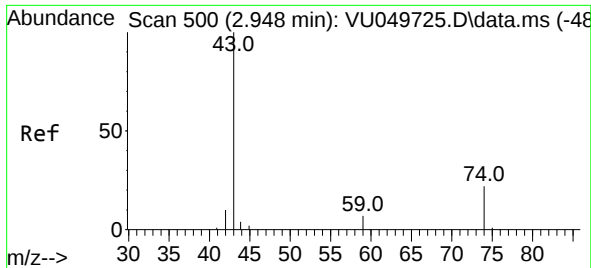
Tgt Ion: 76 Resp: 183639

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

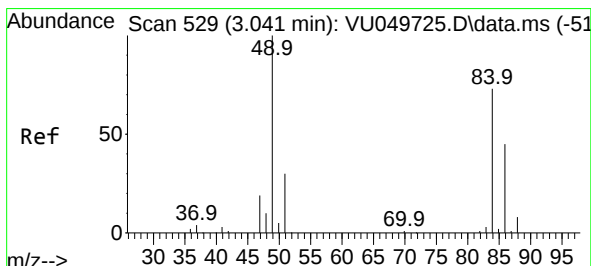
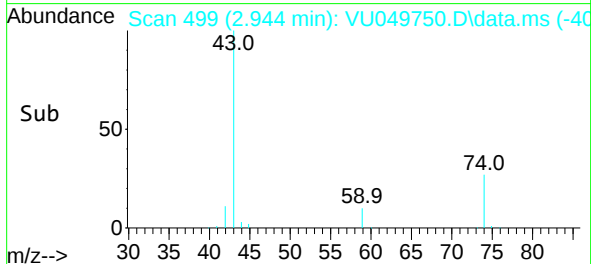
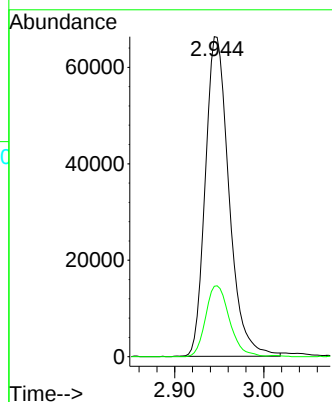
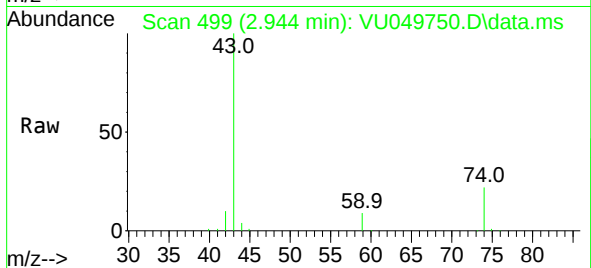




#15
Methyl Acetate
Concen: 55.938 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

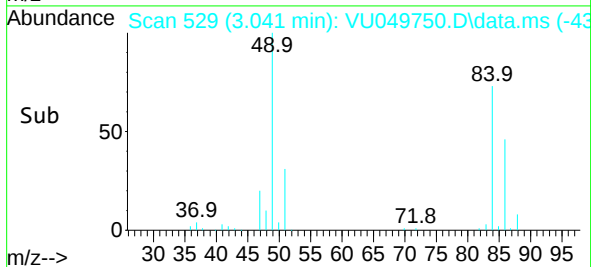
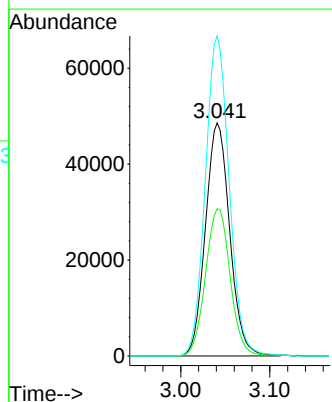
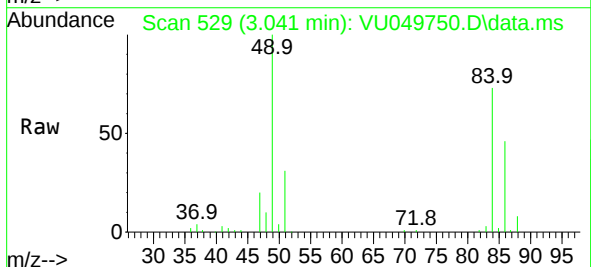
Instrument :
MSVOA_U
ClientSampleId :
BFB106

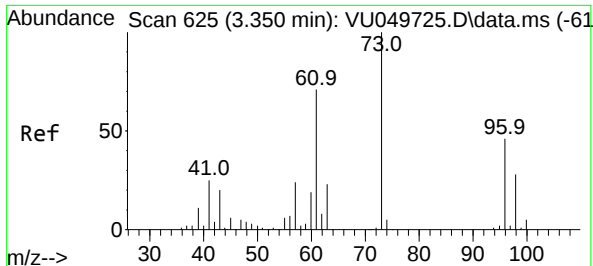
Tgt Ion: 43 Resp: 122357
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0



#16
Methylene chloride
Concen: 51.960 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion: 84 Resp: 92015
Ion Ratio Lower Upper
84 100
86 63.2 45.6 84.6
49 137.3 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 45.842 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

BFB106

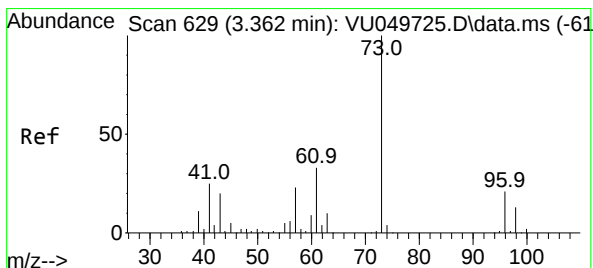
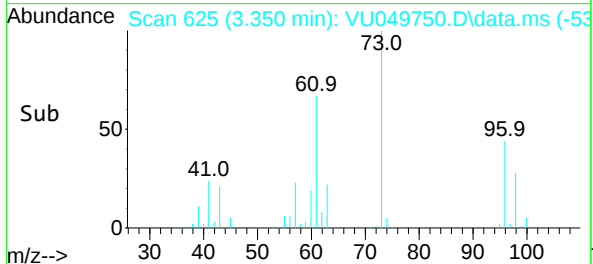
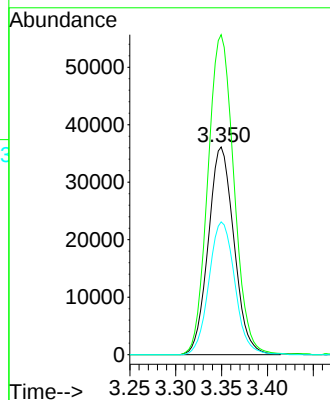
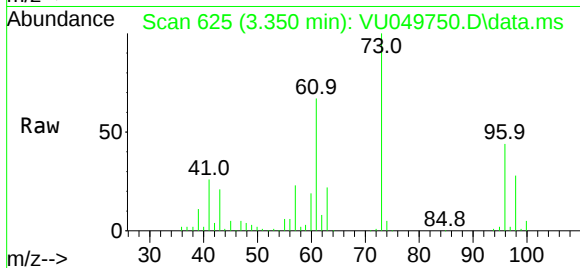
Tgt Ion: 96 Resp: 70523

Ion Ratio Lower Upper

96 100

61 154.0 107.6 199.8

98 63.9 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 53.086 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

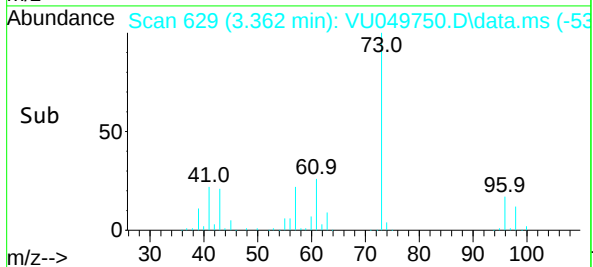
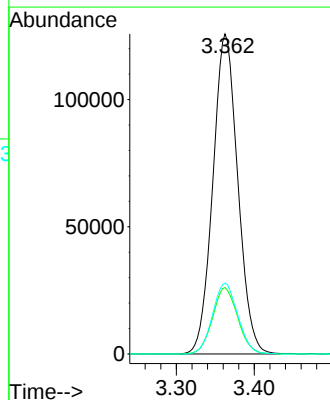
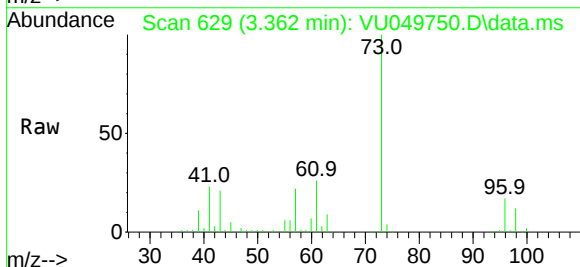
Tgt Ion: 73 Resp: 279724

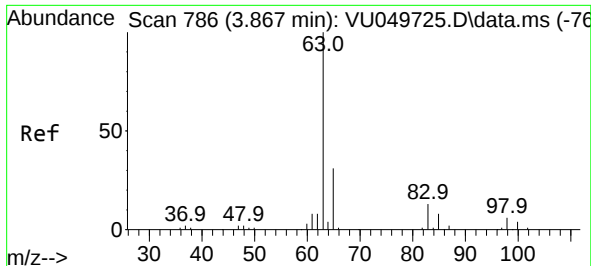
Ion Ratio Lower Upper

73 100

43 21.0 17.0 25.4

57 22.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 49.911 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

BFB106

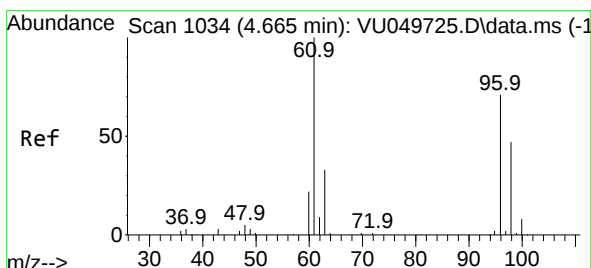
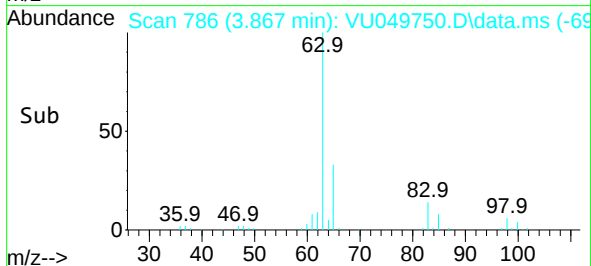
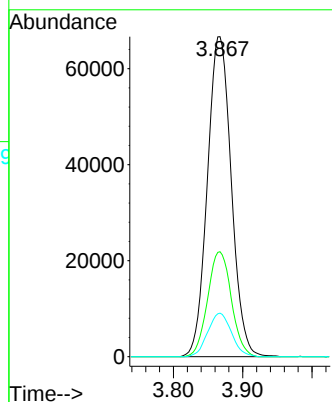
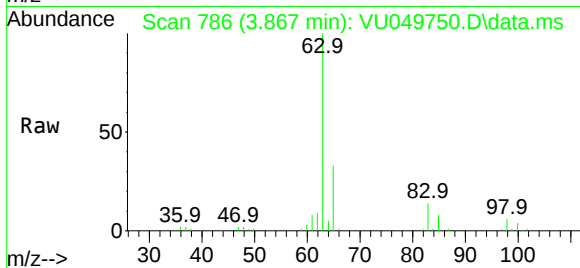
Tgt Ion: 63 Resp: 159853

Ion Ratio Lower Upper

63 100

65 32.8 22.6 42.0

83 13.6 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 50.228 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

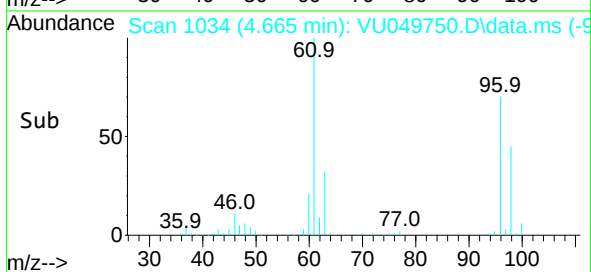
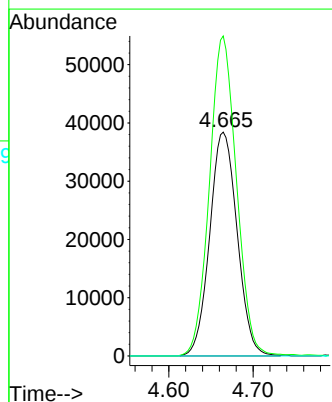
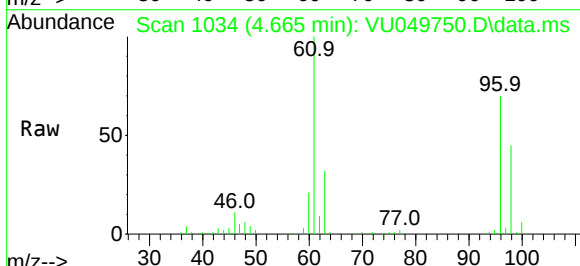
Tgt Ion: 96 Resp: 86841

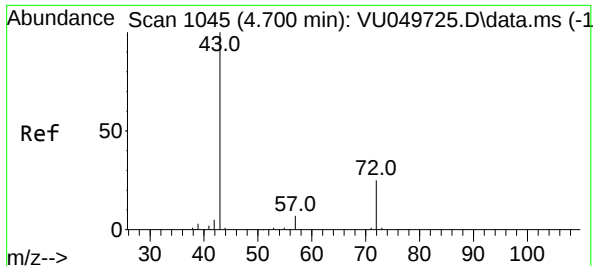
Ion Ratio Lower Upper

96 100

61 143.0 101.1 187.7

68 0.0 0.0 0.0

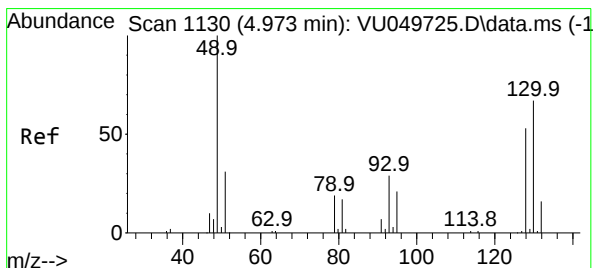
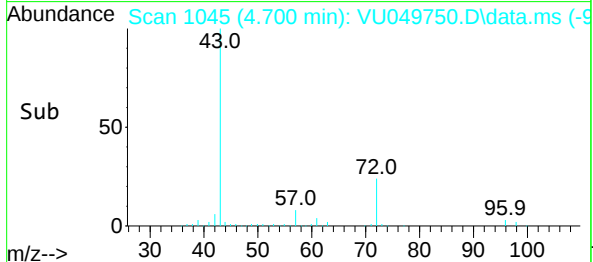
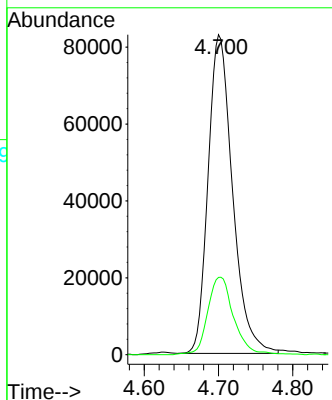
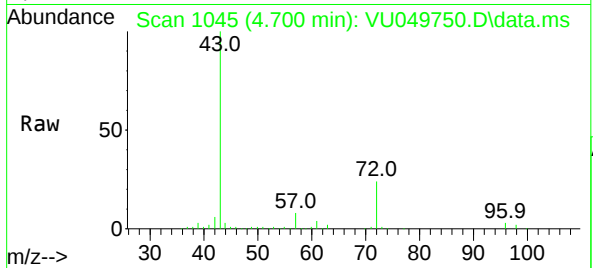




#22
2-Butanone
Concen: 105.137 ug/L
RT: 4.700 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

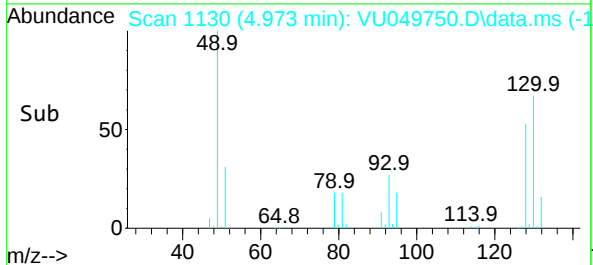
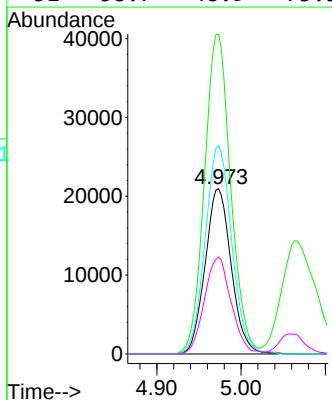
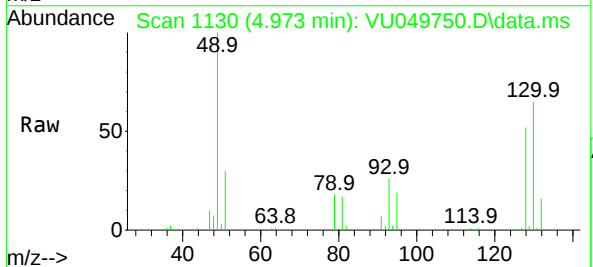
Instrument :
MSVOA_U
ClientSampleId :
BFB106

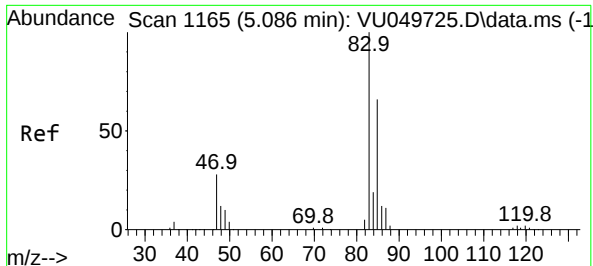
Tgt Ion: 43 Resp: 189520
Ion Ratio Lower Upper
43 100
72 25.4 12.7 38.0



#23
Bromochloromethane
Concen: 52.310 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:128 Resp: 45127
Ion Ratio Lower Upper
128 100
49 193.6 140.9 261.7
130 126.1 90.0 167.2
51 58.7 48.9 73.3

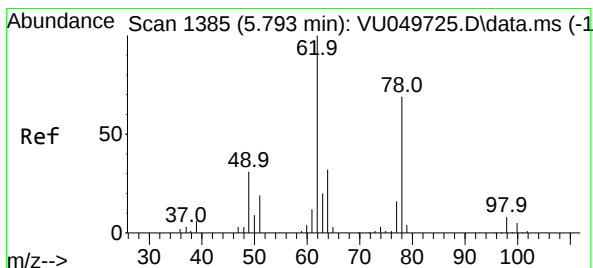
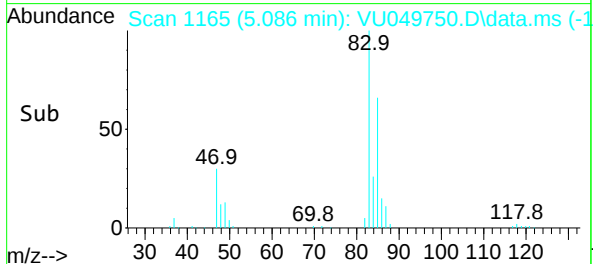
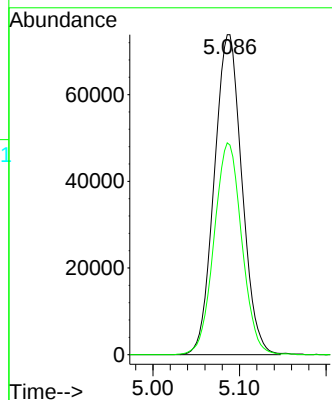
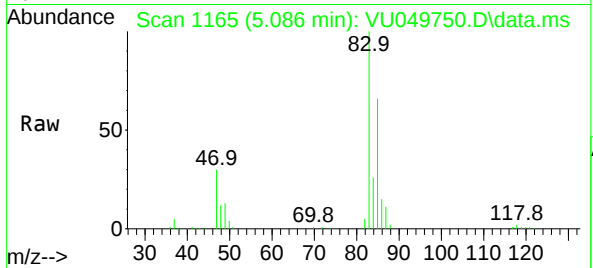




#25
Chloroform
Concen: 51.047 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

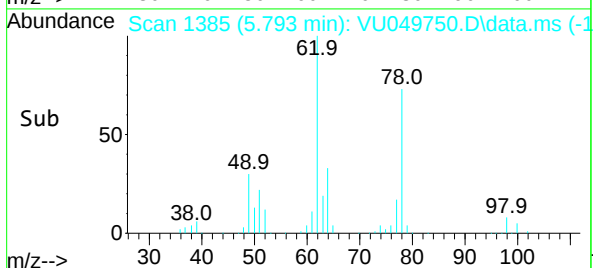
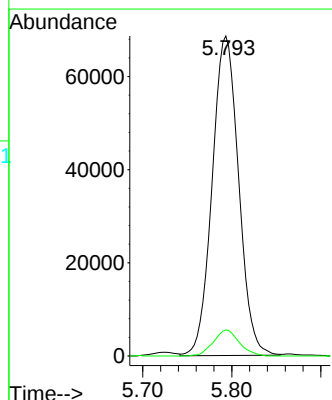
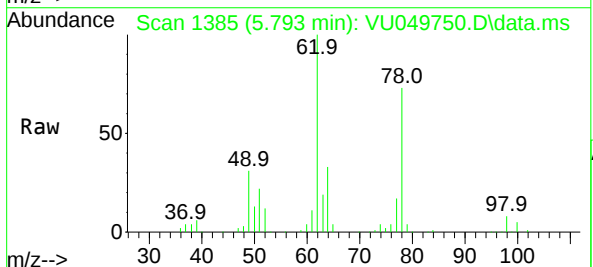
Instrument :
MSVOA_U
ClientSampleId :
BFB106

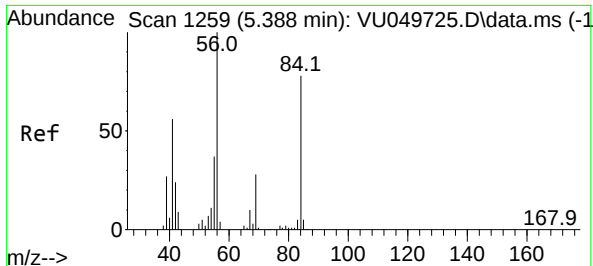
Tgt Ion: 83 Resp: 163939
Ion Ratio Lower Upper
83 100
85 66.2 45.2 84.0



#27
1,2-Dichloroethane
Concen: 51.788 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion: 62 Resp: 141621
Ion Ratio Lower Upper
62 100
98 8.1 6.7 10.1





#29

Cyclohexane

Concen: 42.187 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

BFB106

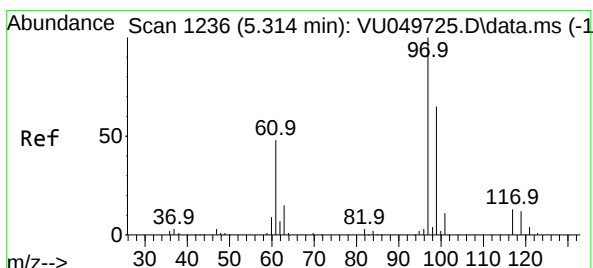
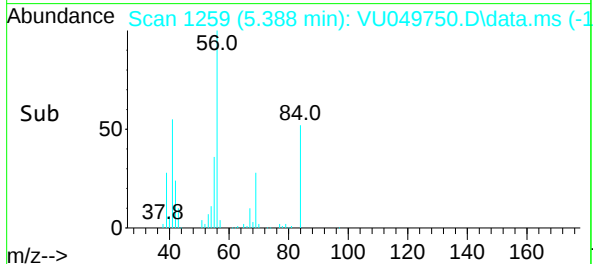
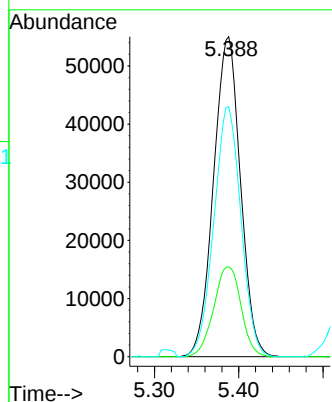
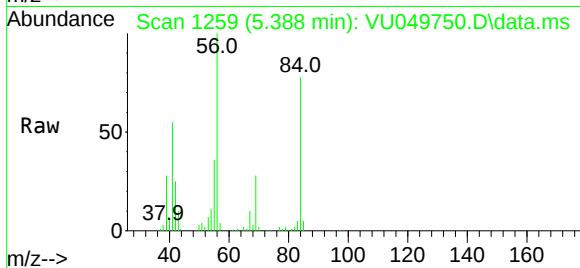
Tgt Ion: 56 Resp: 122054

Ion Ratio Lower Upper

56 100

69 28.5 23.4 35.2

84 78.6 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 48.615 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

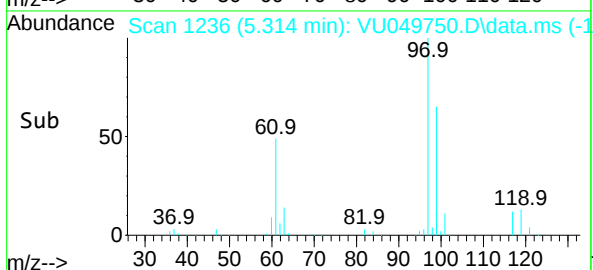
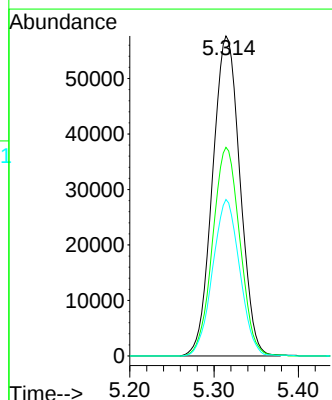
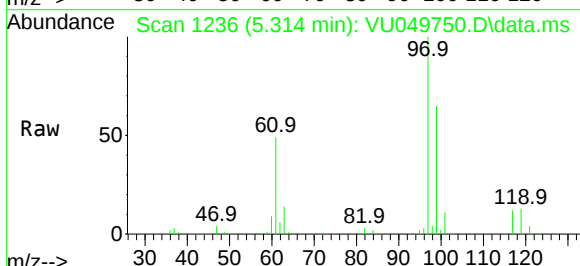
Tgt Ion: 97 Resp: 130454

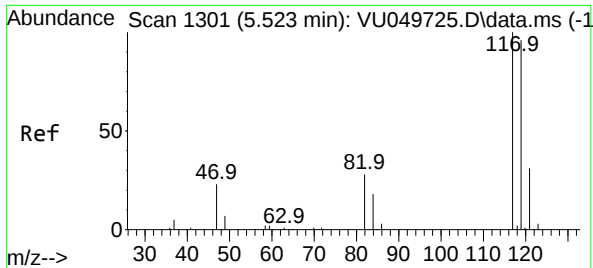
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 48.2 38.2 57.2

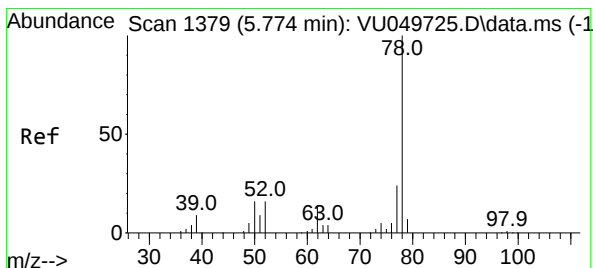
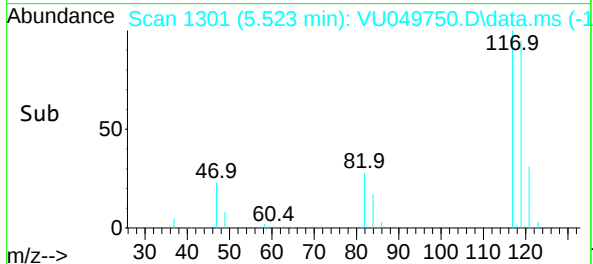
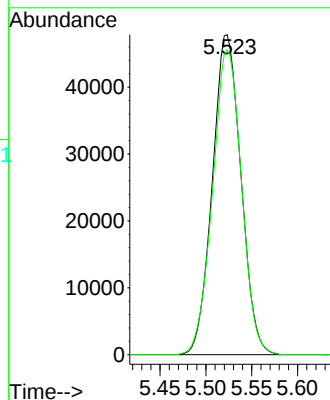
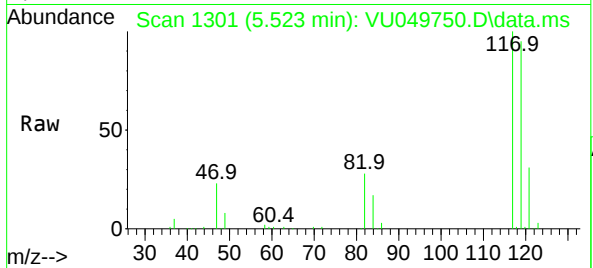




#31
Carbon tetrachloride
Concen: 47.177 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

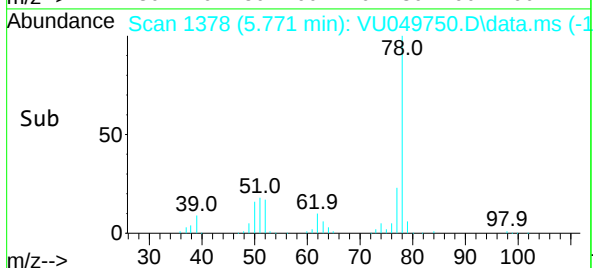
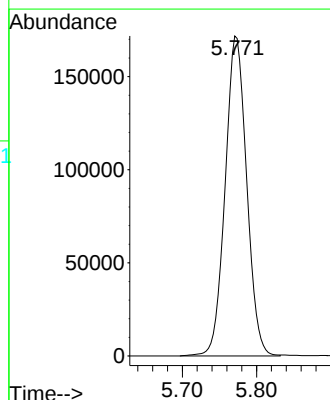
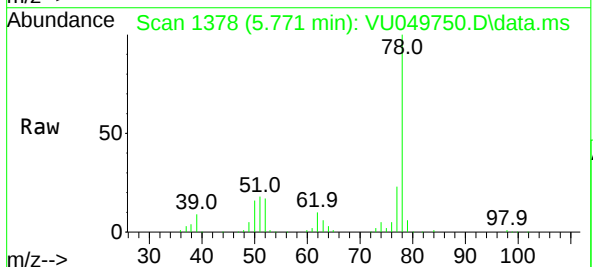
Instrument :
MSVOA_U
ClientSampleId :
BFB106

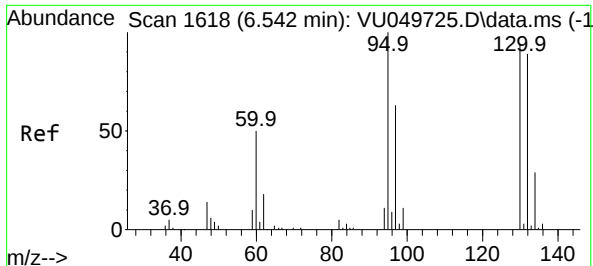
Tgt Ion:117 Resp: 103542
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#33
Benzene
Concen: 49.674 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion: 78 Resp: 346092





#34

Trichloroethene

Concen: 47.049 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

BFB106

Tgt Ion: 95 Resp: 79237

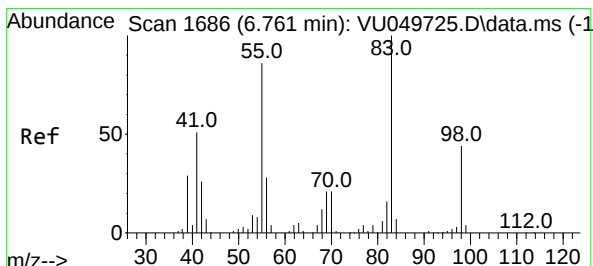
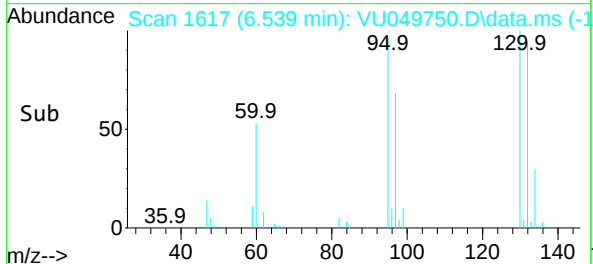
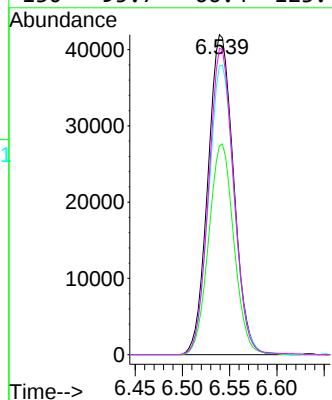
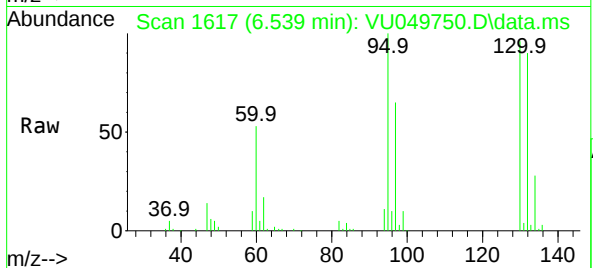
Ion Ratio Lower Upper

95 100

97 65.3 46.9 87.1

132 90.3 62.7 116.5

130 95.7 66.4 123.4



#35

Methylcyclohexane

Concen: 42.184 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

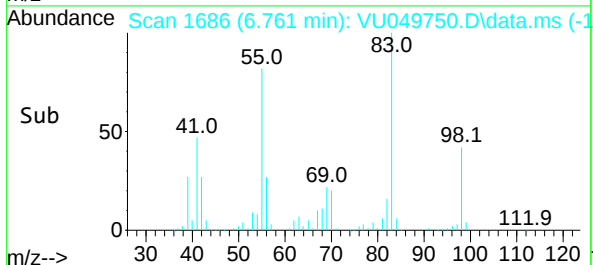
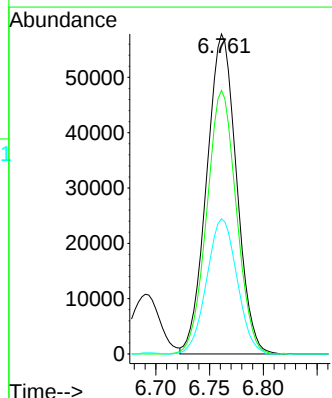
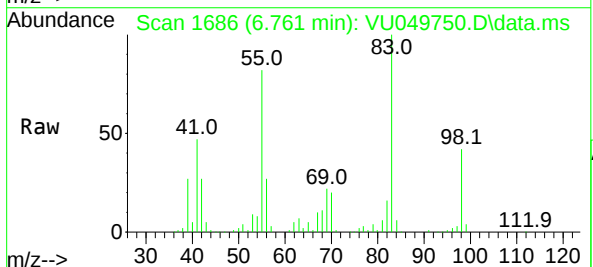
Tgt Ion: 83 Resp: 111639

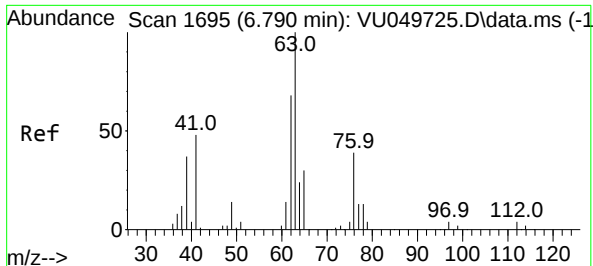
Ion Ratio Lower Upper

83 100

55 81.4 66.0 99.0

98 42.9 34.6 51.8





#37

1,2-Dichloropropane

Concen: 51.323 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

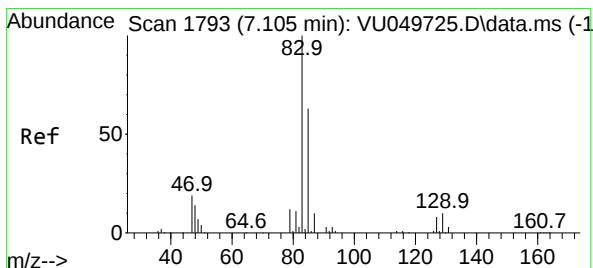
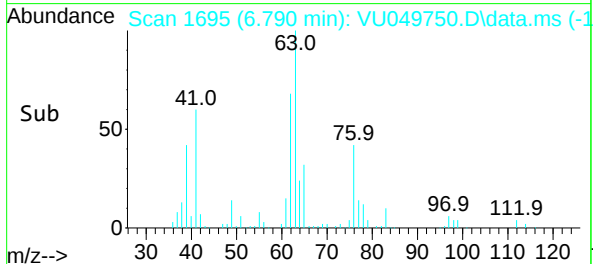
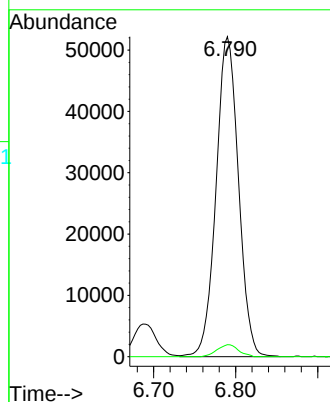
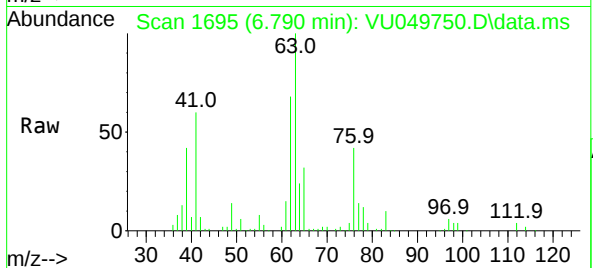
BFB106

Tgt Ion: 63 Resp: 99111

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 50.850 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

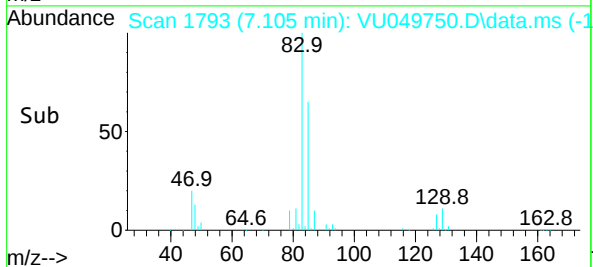
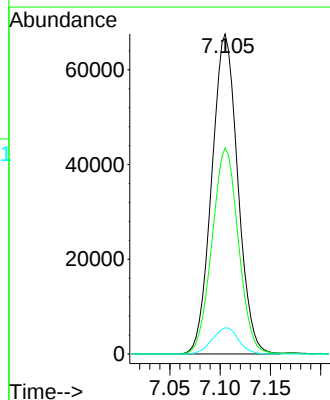
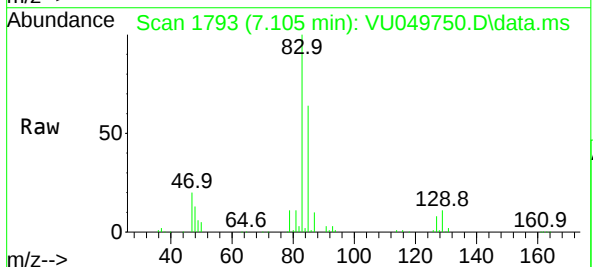
Tgt Ion: 83 Resp: 121751

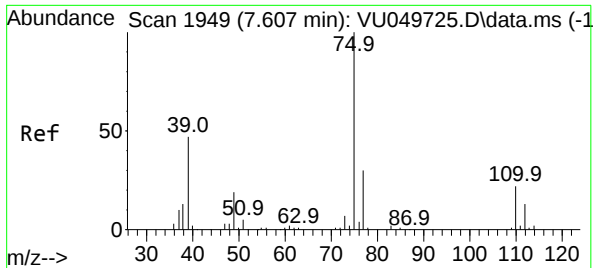
Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 51.884 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

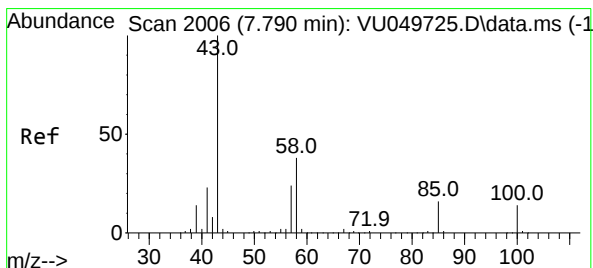
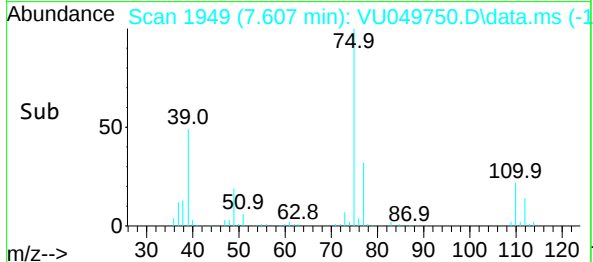
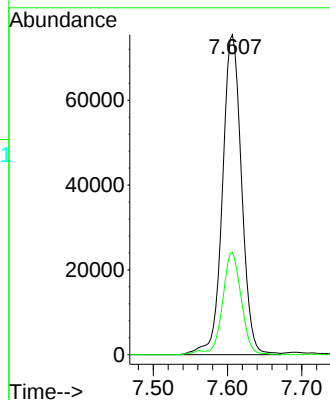
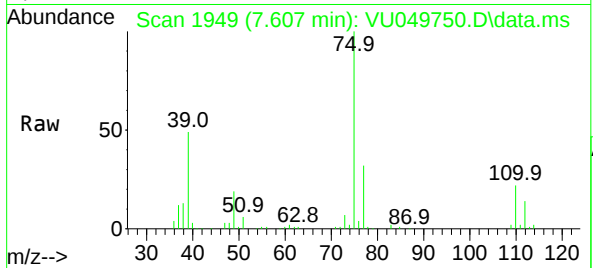
BFB106

Tgt Ion: 75 Resp: 135131

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 113.332 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

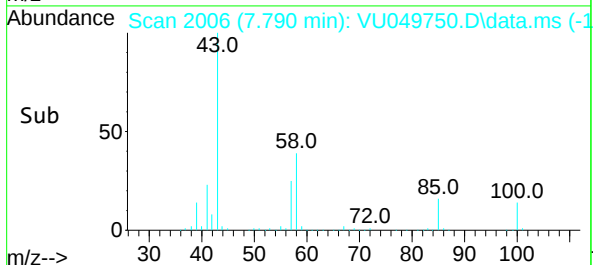
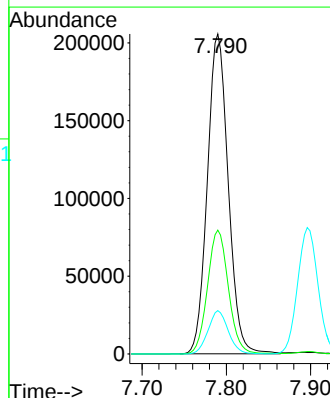
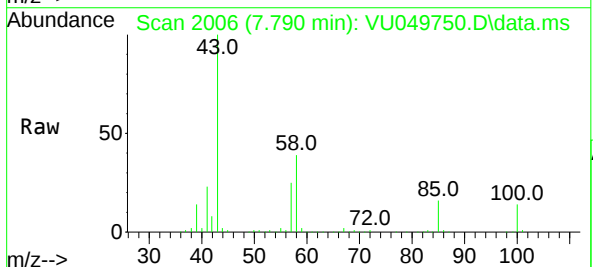
Tgt Ion: 43 Resp: 354308

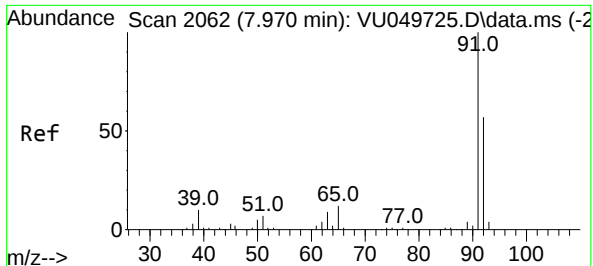
Ion Ratio Lower Upper

43 100

58 38.7 31.4 47.0

100 13.2 10.3 15.5





#42

Toluene

Concen: 49.305 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

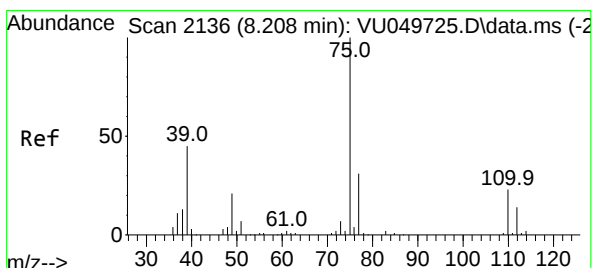
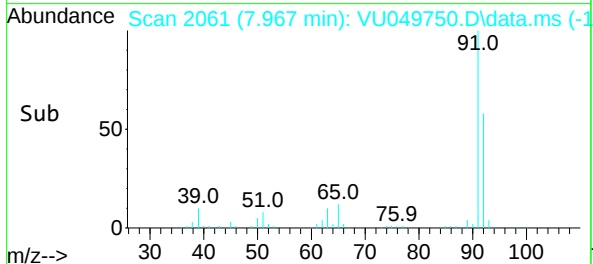
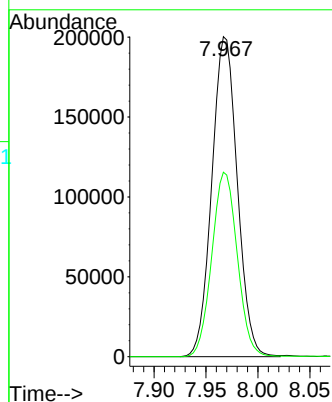
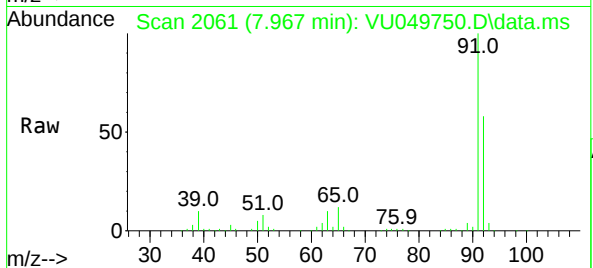
BFB106

Tgt Ion: 91 Resp: 341409

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 51.708 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU049750.D

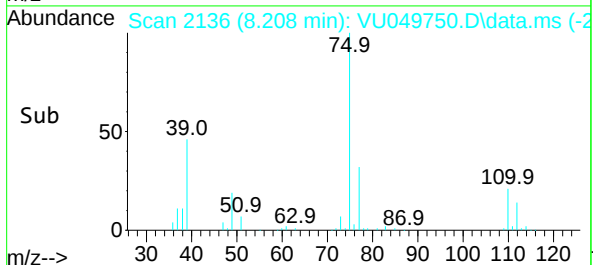
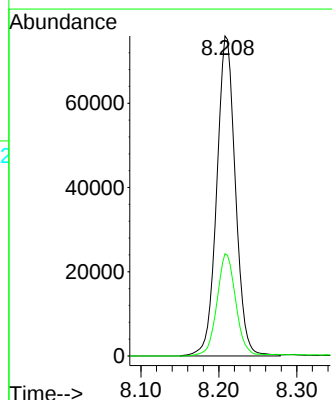
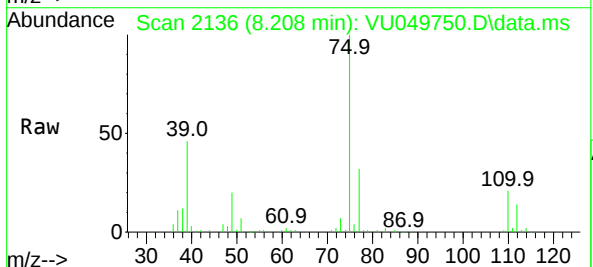
Acq: 15 Jul 2022 20:32

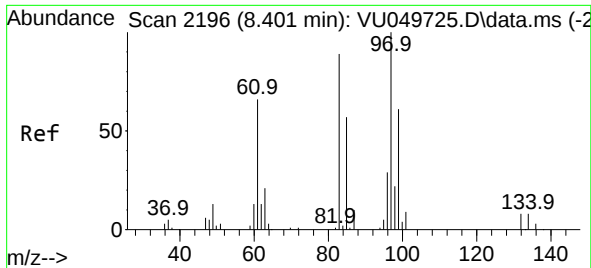
Tgt Ion: 75 Resp: 126450

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9

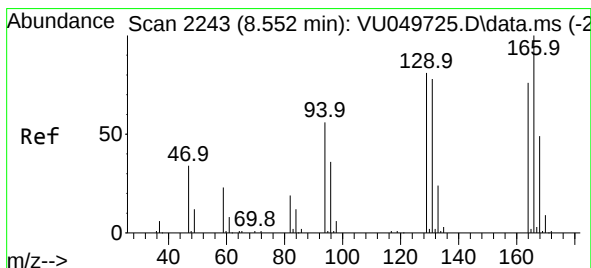
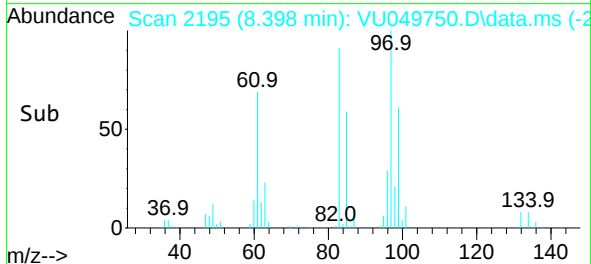
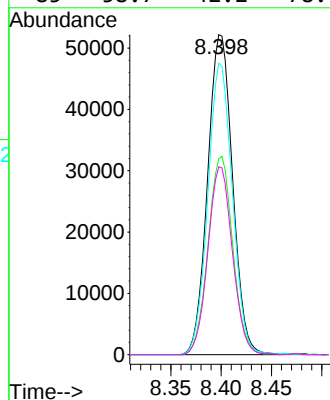
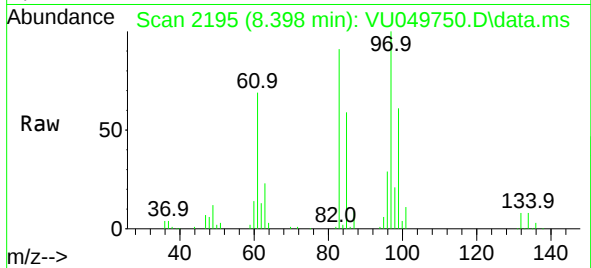




#45
1,1,2-Trichloroethane
Concen: 53.489 ug/L
RT: 8.398 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

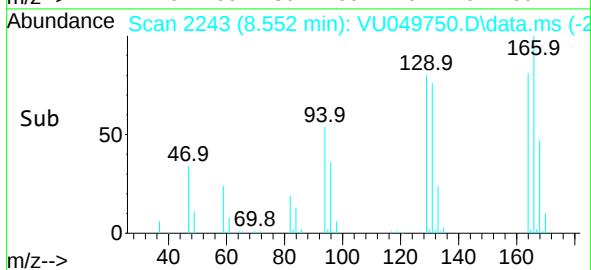
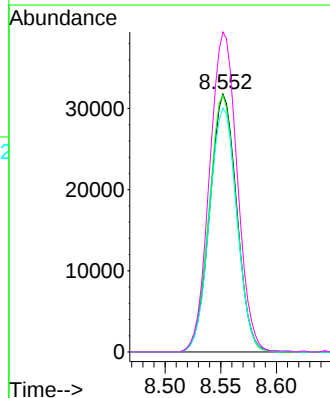
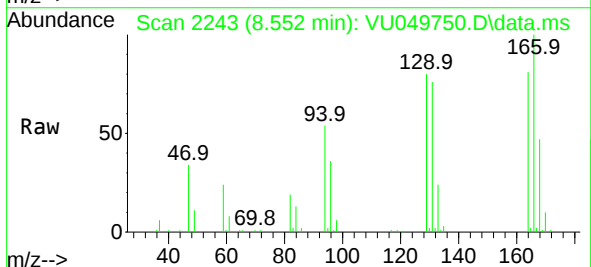
Instrument :
MSVOA_U
ClientSampleId :
BFB106

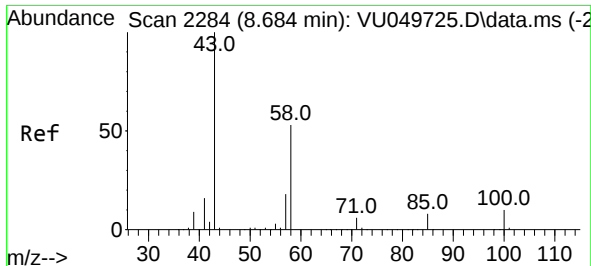
Tgt Ion:	97	Resp:	90160
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.3	82.3
83	91.1	64.0	118.8
85	58.7	42.2	78.4



#46
Tetrachloroethene
Concen: 45.785 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:	164	Resp:	53480
Ion	Ratio	Lower	Upper
164	100		
129	99.6	72.0	133.8
131	94.6	69.0	128.1
166	124.1	91.1	169.3



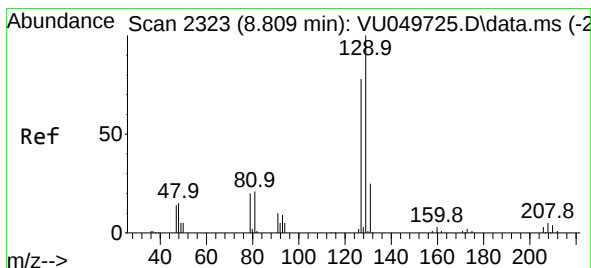
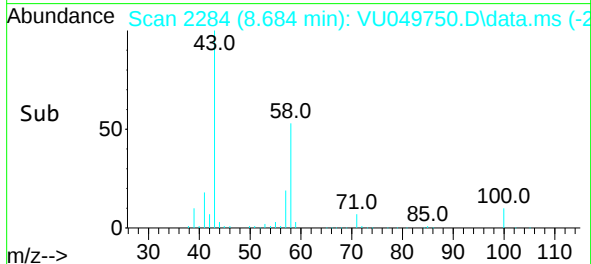
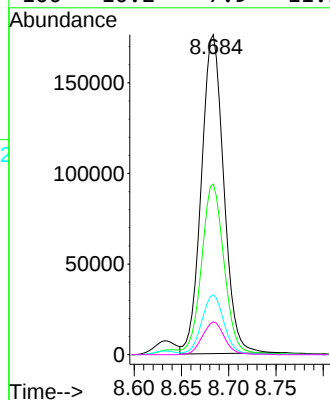
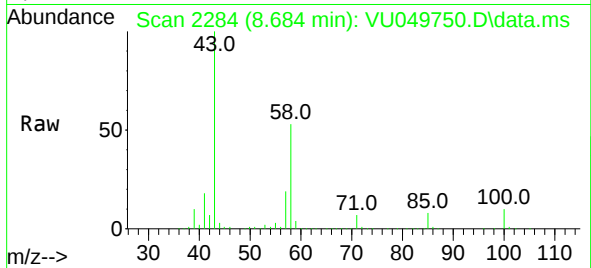


#48
2-Hexanone
Concen: 115.957 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Instrument :
MSVOA_U
ClientSampleId :
BFB106

Tgt Ion: 43 Resp: 289691

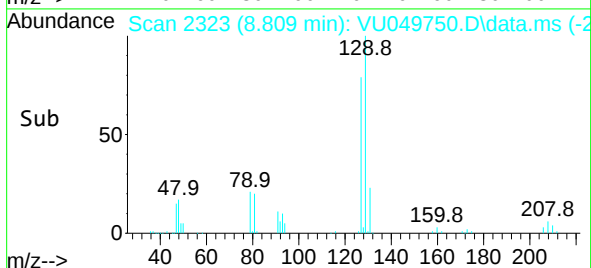
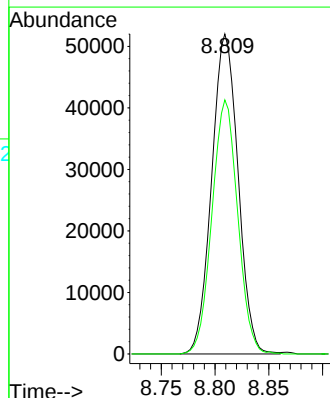
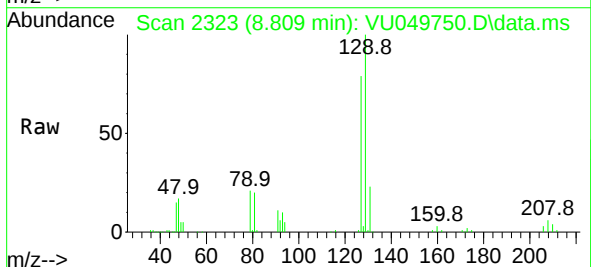
Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.6	64.0
57	18.4	15.0	22.6
100	10.2	7.9	11.9

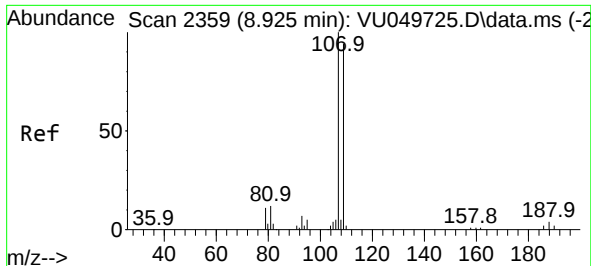


#49
Dibromochloromethane
Concen: 52.411 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion: 129 Resp: 88855

Ion	Ratio	Lower	Upper
129	100		
127	79.4	56.9	105.7

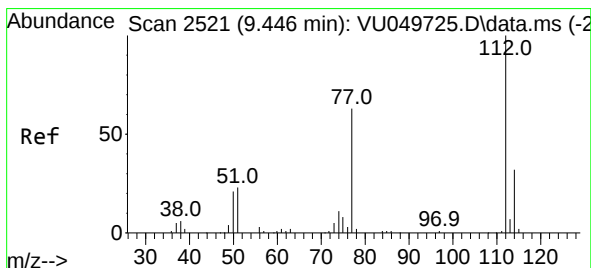
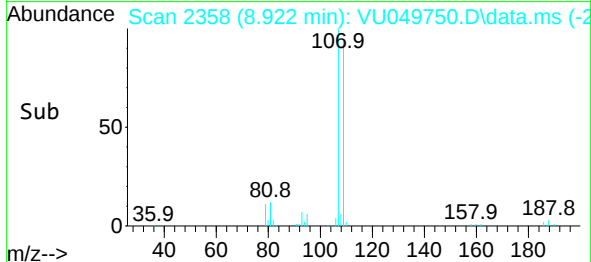
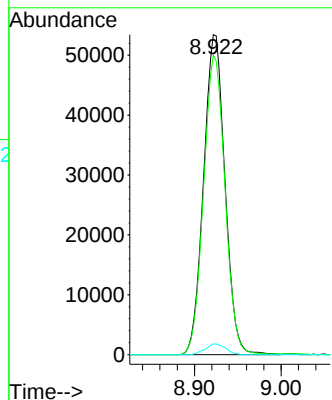
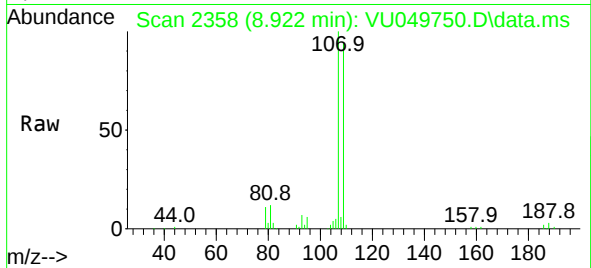




#50
1,2-Dibromoethane
Concen: 54.663 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

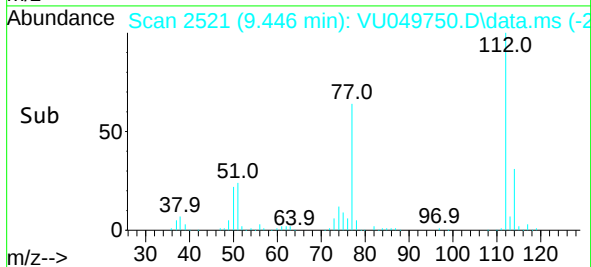
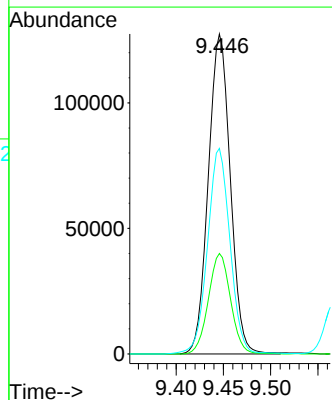
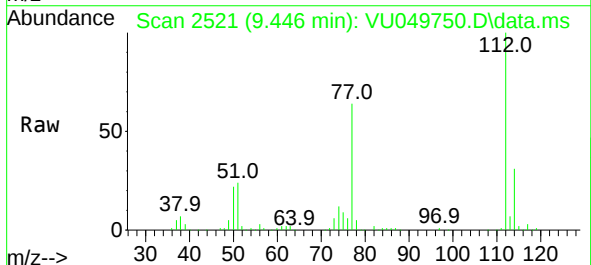
Instrument :
MSVOA_U
ClientSampleId :
BFB106

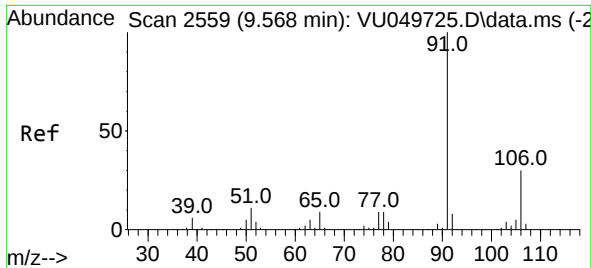
Tgt Ion:107 Resp: 91527
Ion Ratio Lower Upper
107 100
109 93.6 65.7 121.9
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 49.189 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:112 Resp: 206264
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 64.3 51.2 76.8

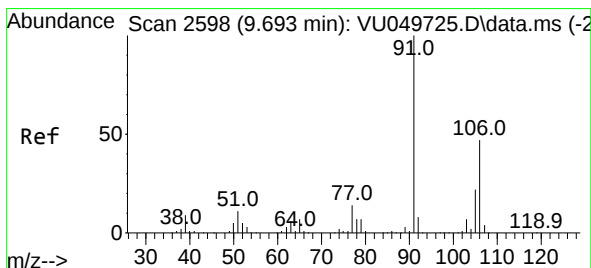
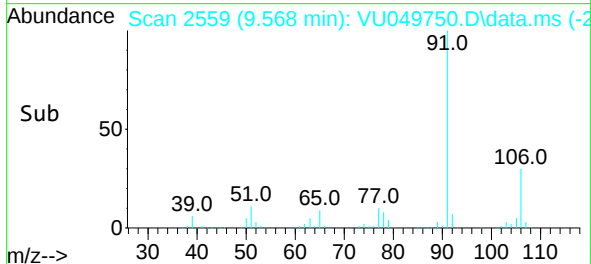
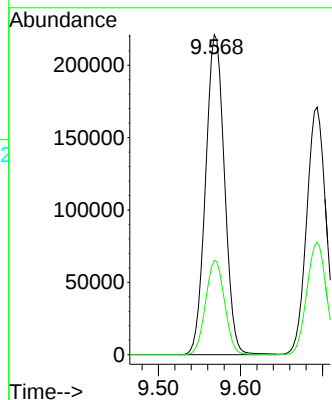
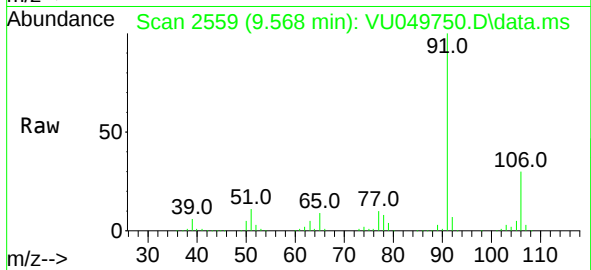




#52
Ethylbenzene
Concen: 48.426 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

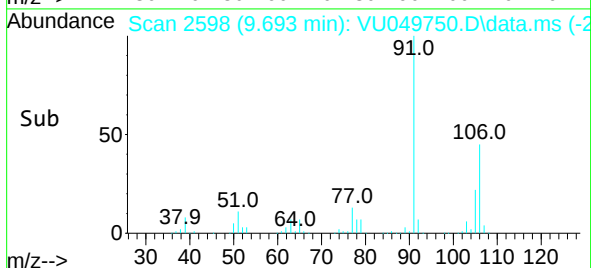
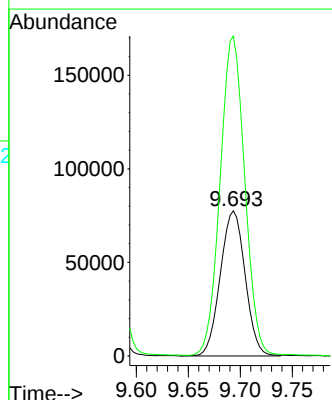
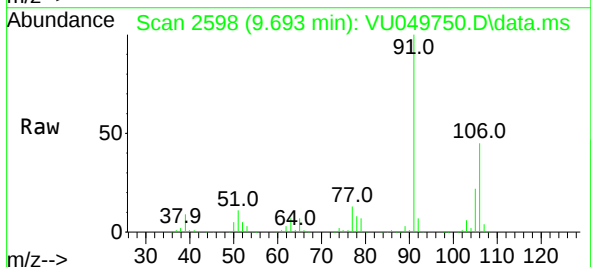
Instrument :
MSVOA_U
ClientSampleId :
BFB106

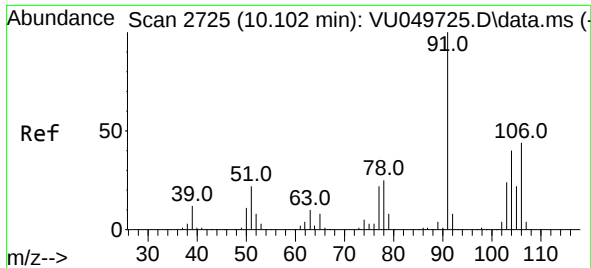
Tgt Ion: 91 Resp: 353855
Ion Ratio Lower Upper
91 100
106 29.5 21.0 39.0



#53
m,p-Xylene
Concen: 48.522 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion: 106 Resp: 128925
Ion Ratio Lower Upper
106 100
91 220.5 151.7 281.7

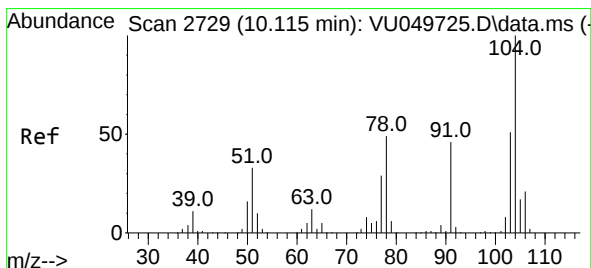
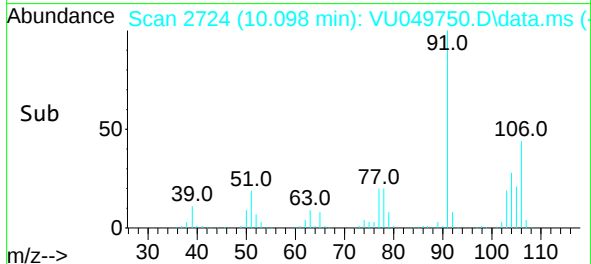
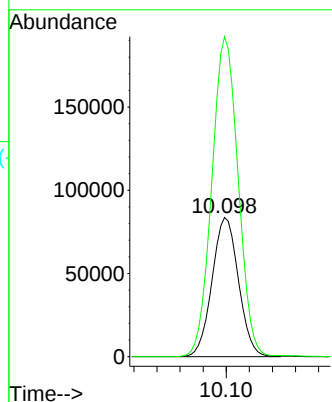
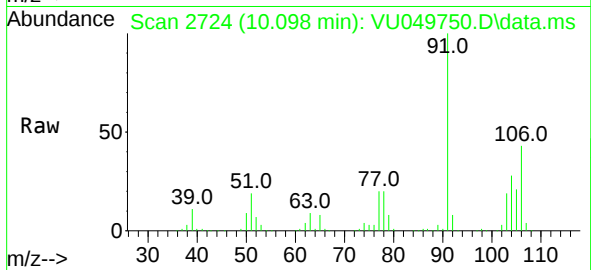




#54
o-Xylene
Concen: 49.683 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

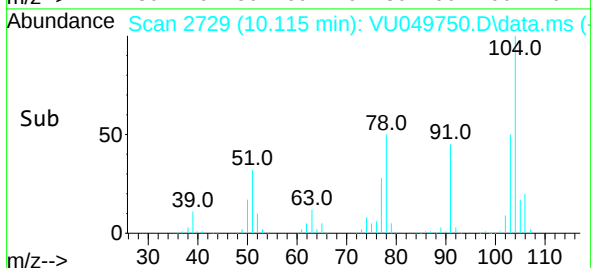
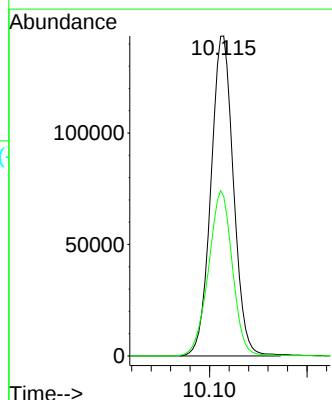
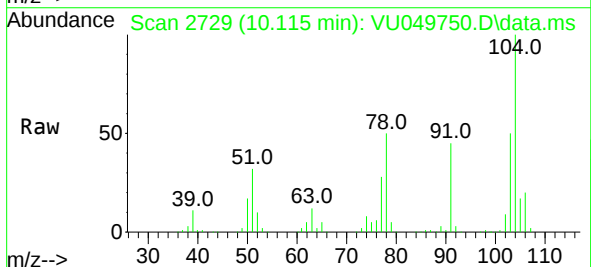
Instrument :
MSVOA_U
ClientSampleId :
BFB106

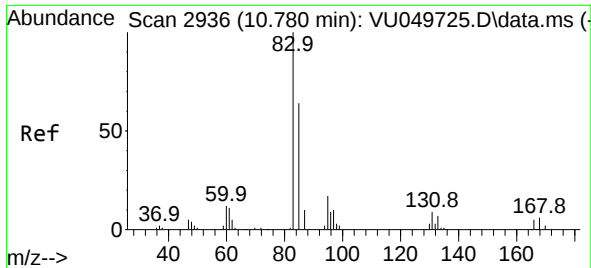
Tgt Ion:106 Resp: 132922
Ion Ratio Lower Upper
106 100
91 229.9 156.9 291.5



#55
Styrene
Concen: 52.304 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:104 Resp: 230933
Ion Ratio Lower Upper
104 100
78 49.9 36.1 67.1

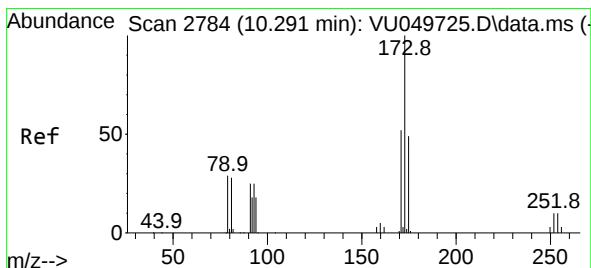
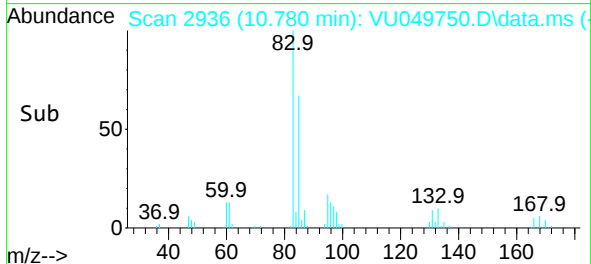
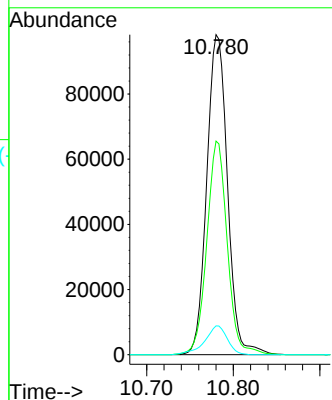
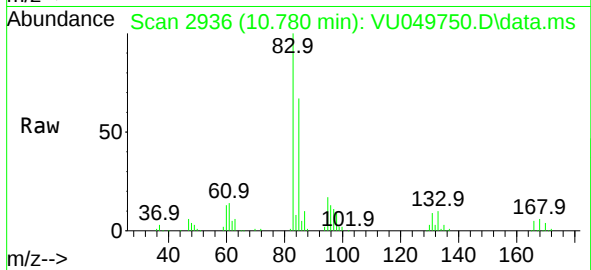




#57
1,1,2,2-Tetrachloroethane
Concen: 54.142 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

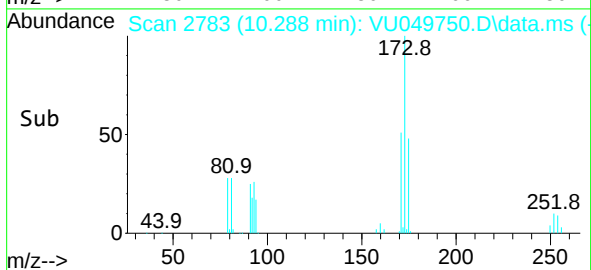
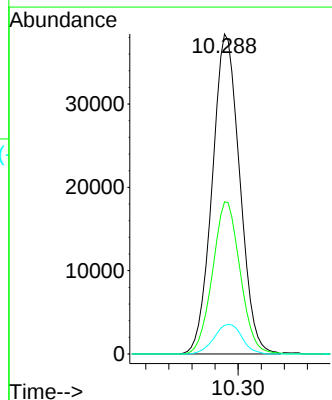
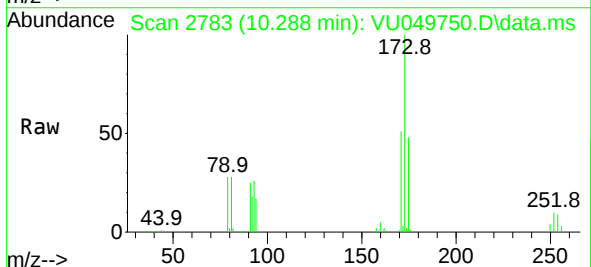
Instrument :
MSVOA_U
ClientSampleId :
BFB106

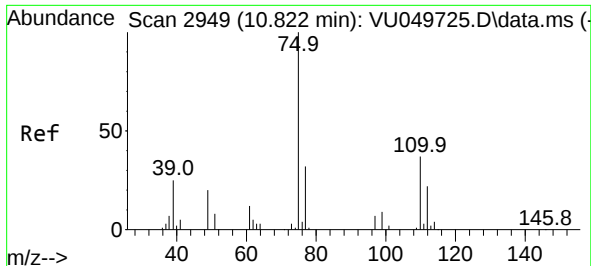
Tgt Ion: 83 Resp: 163362
Ion Ratio Lower Upper
83 100
85 66.8 45.0 83.6
131 9.0 7.0 10.6



#59
Bromoform
Concen: 51.453 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:173 Resp: 63473
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 9.4 7.4 11.0

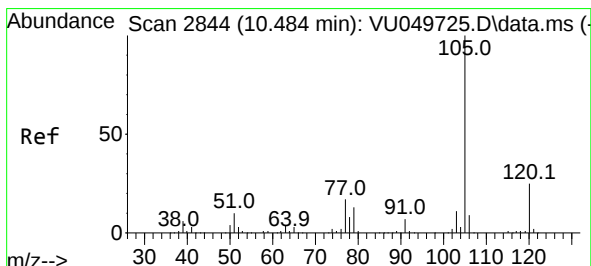
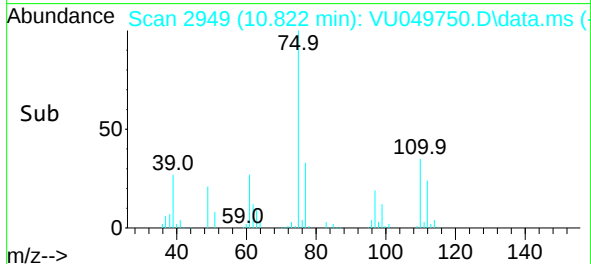
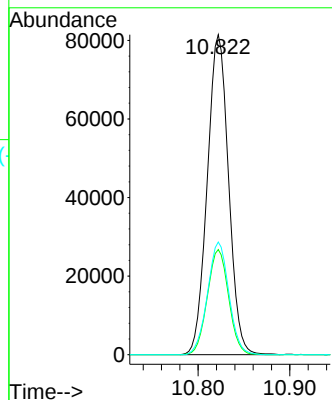
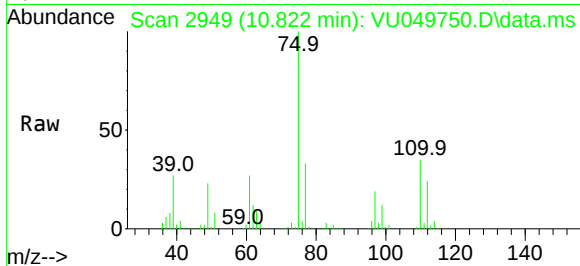




#60
1,2,3-Trichloropropane
Concen: 53.621 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

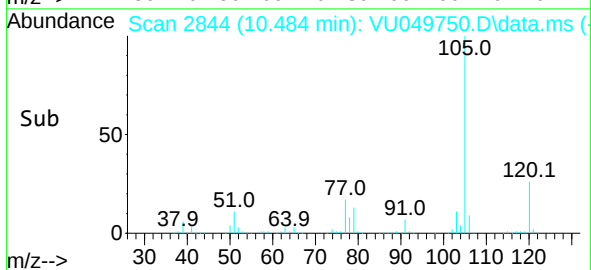
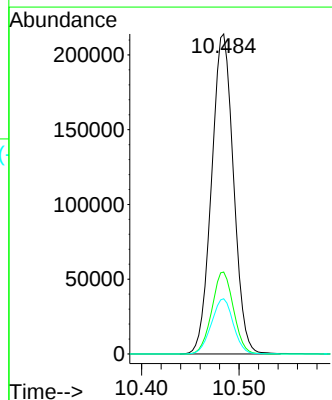
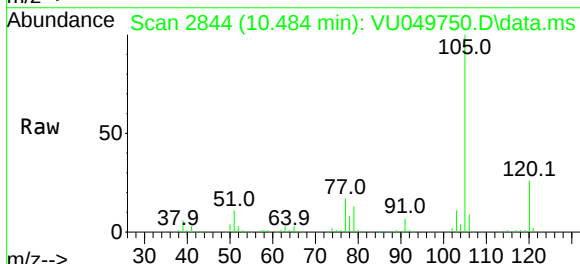
Instrument :
MSVOA_U
ClientSampleId :
BFB106

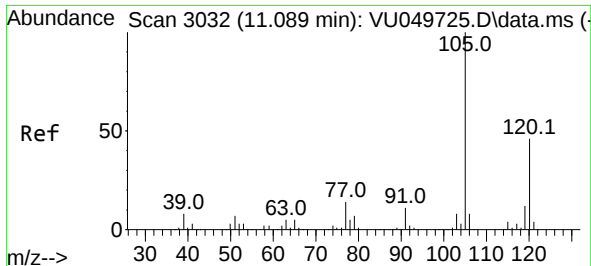
Tgt Ion: 75 Resp: 131364
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 35.4 28.9 43.3



#61
Isopropylbenzene
Concen: 48.662 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion: 105 Resp: 334201
Ion Ratio Lower Upper
105 100
120 25.3 19.9 29.9
77 17.2 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 49.879 ug/L

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

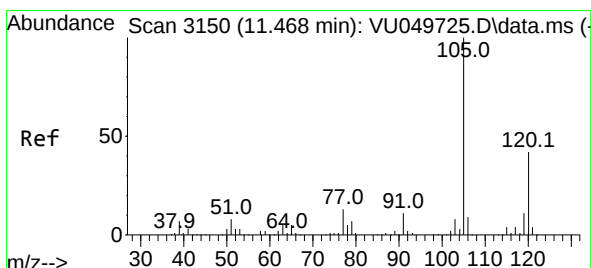
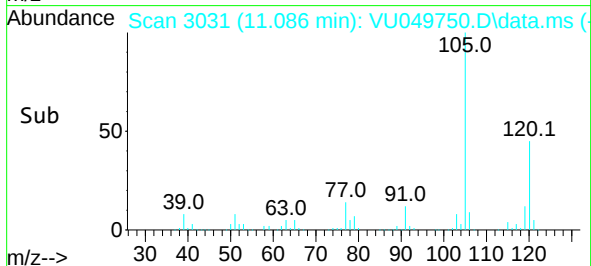
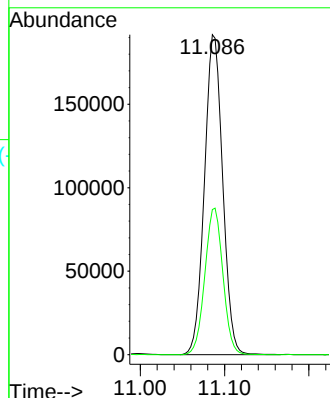
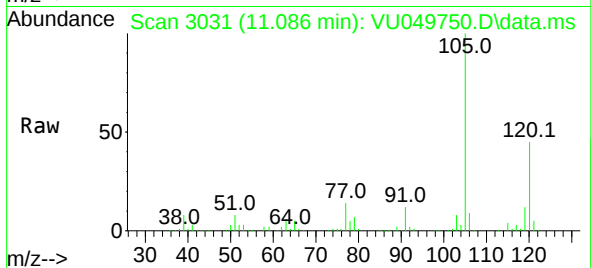
BFB106

Tgt Ion:105 Resp: 288949

Ion Ratio Lower Upper

105 100

120 45.4 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 50.183 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049750.D

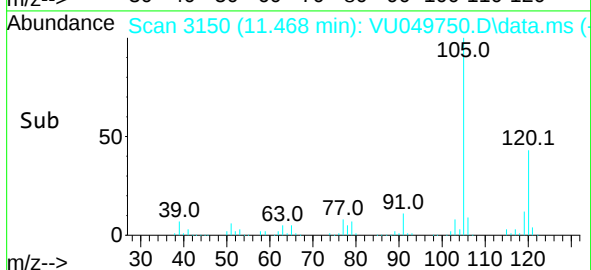
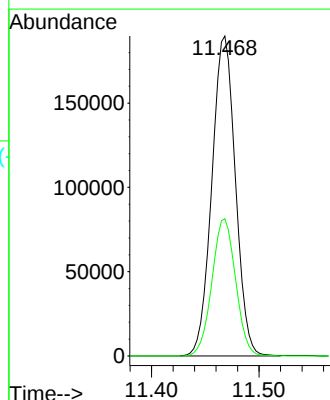
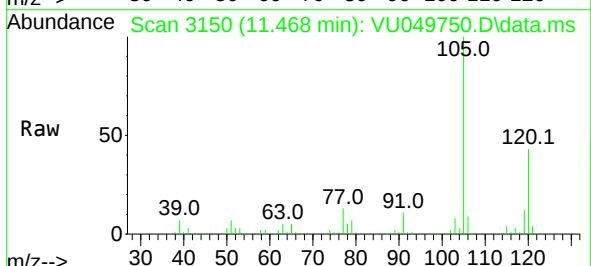
Acq: 15 Jul 2022 20:32

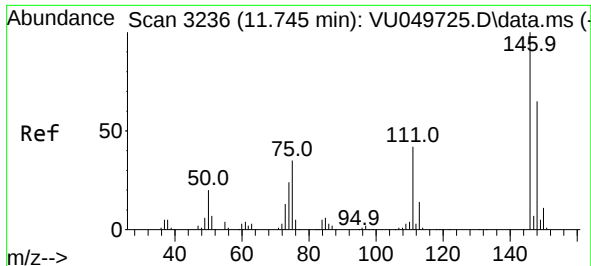
Tgt Ion:105 Resp: 288808

Ion Ratio Lower Upper

105 100

120 43.0 33.9 50.9

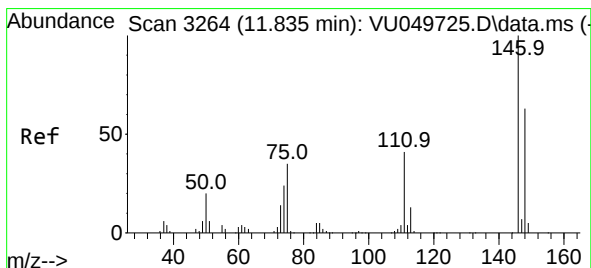
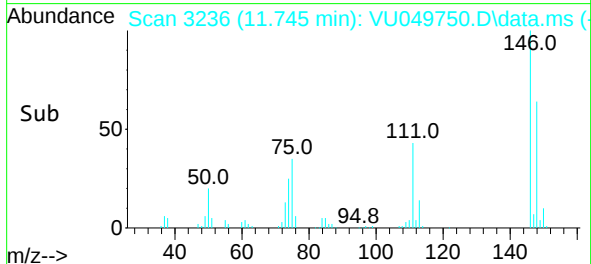
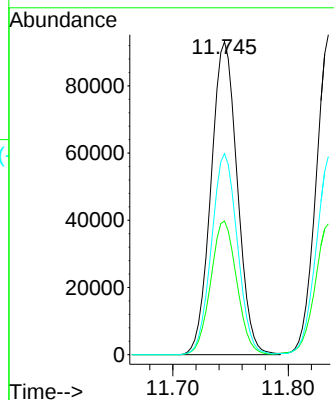
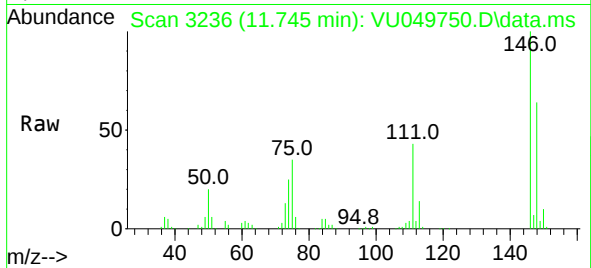




#64
1,3-Dichlorobenzene
Concen: 49.198 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

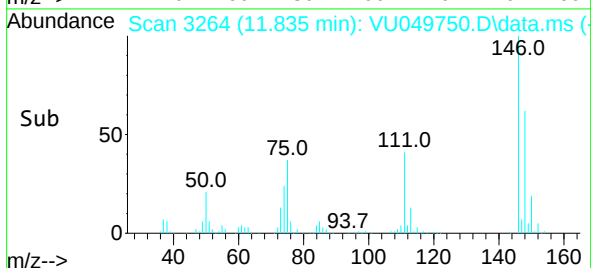
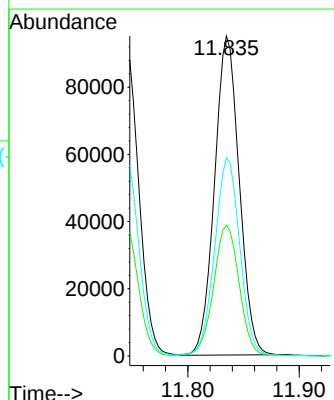
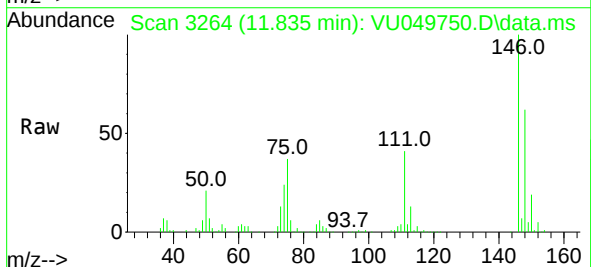
Instrument :
MSVOA_U
ClientSampleId :
BFB106

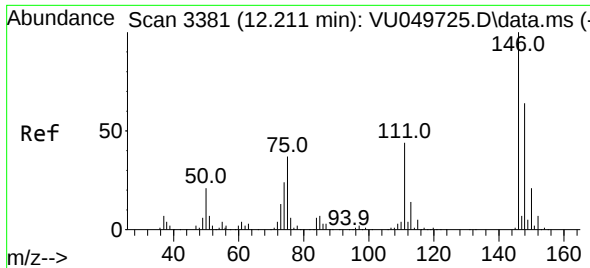
Tgt Ion:146 Resp: 147497
Ion Ratio Lower Upper
146 100
111 42.7 30.0 55.6
148 64.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 48.570 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049750.D
Acq: 15 Jul 2022 20:32

Tgt Ion:146 Resp: 146272
Ion Ratio Lower Upper
146 100
111 40.9 29.1 54.1
148 61.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.733 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

BFB106

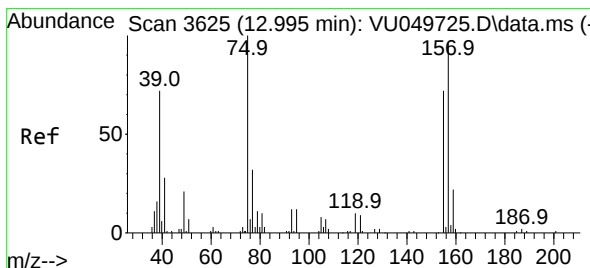
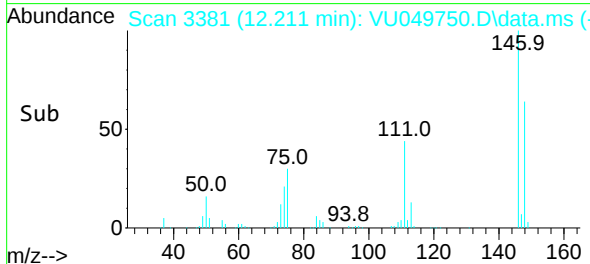
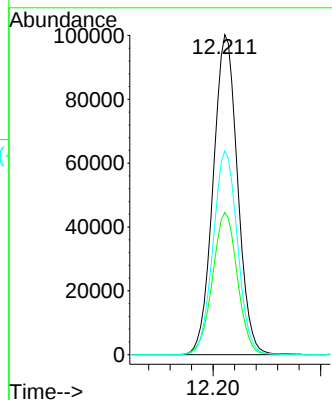
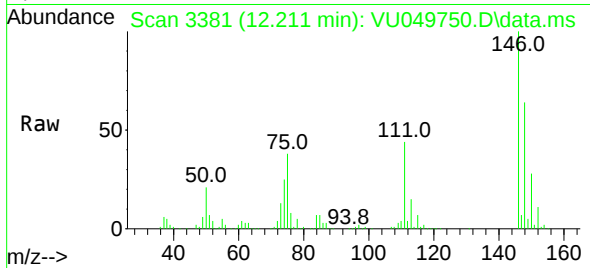
Tgt Ion:146 Resp: 158156

Ion Ratio Lower Upper

146 100

111 44.4 35.8 53.8

148 63.7 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 57.458 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

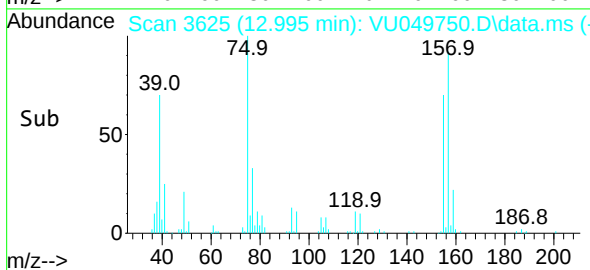
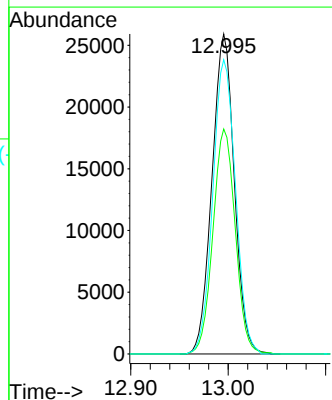
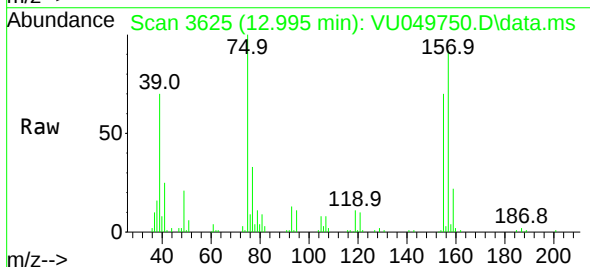
Tgt Ion: 75 Resp: 41246

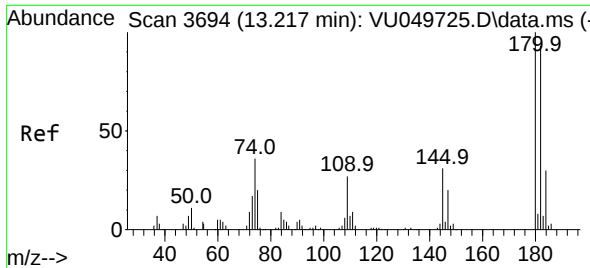
Ion Ratio Lower Upper

75 100

155 70.3 57.7 86.5

157 91.9 75.6 113.4

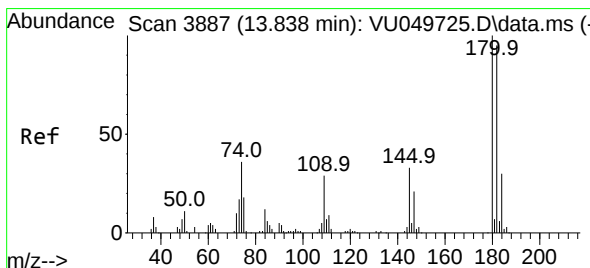
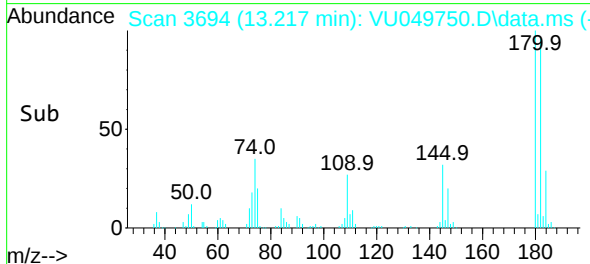
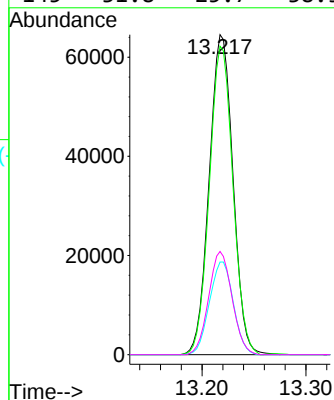
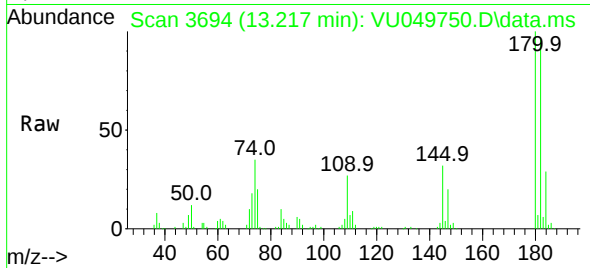




#69
 1,3,5-Trichlorobenzene
 Concen: 48.845 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

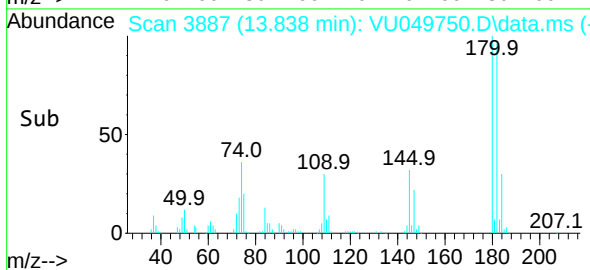
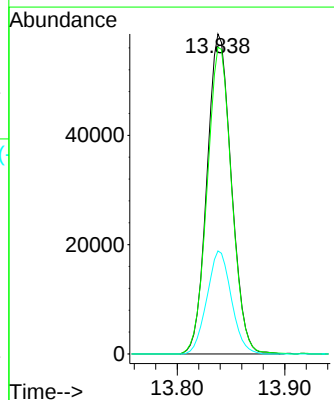
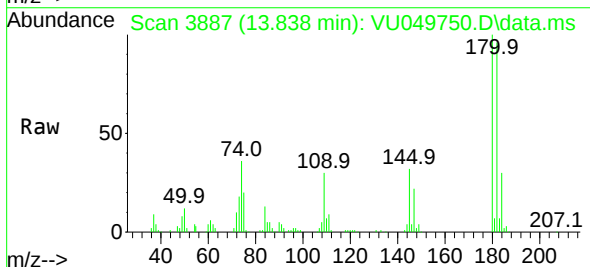
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB106

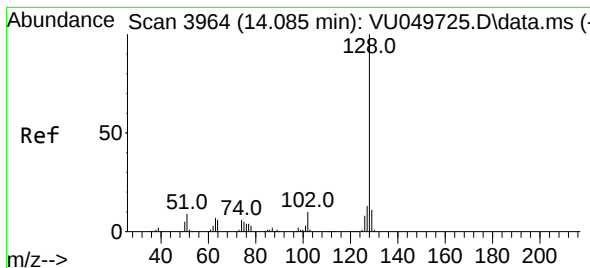
Tgt Ion:180 Resp: 102612
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 184 29.1 24.0 36.0
 145 31.8 25.7 38.5



#70
 1,2,4-trichlorobenzene
 Concen: 47.799 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU049750.D
 Acq: 15 Jul 2022 20:32

Tgt Ion:180 Resp: 92150
 Ion Ratio Lower Upper
 180 100
 182 96.5 74.8 112.2
 145 32.2 24.7 37.1





#71

Naphthalene

Concen: 55.919 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Instrument :

MSVOA_U

ClientSampleId :

BFB106

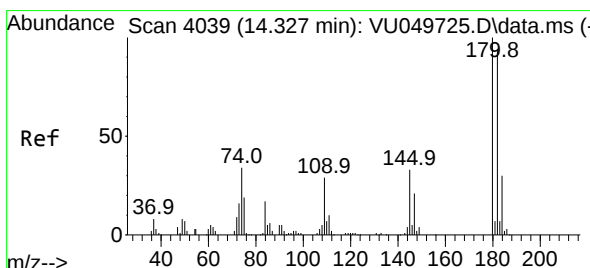
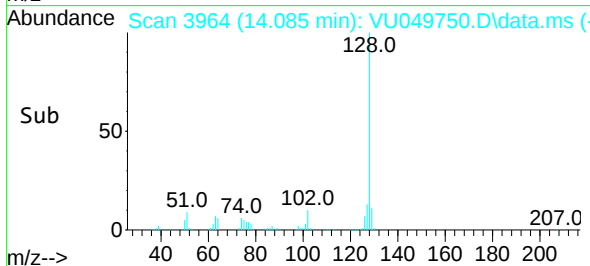
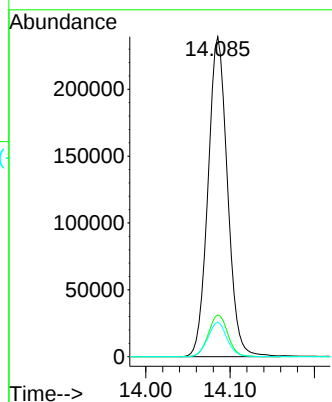
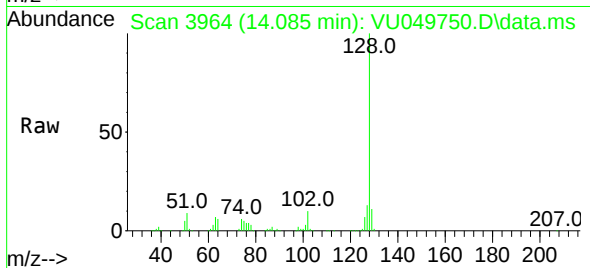
Tgt Ion:128 Resp: 385379

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.145 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU049750.D

Acq: 15 Jul 2022 20:32

Tgt Ion:180 Resp: 104132

Ion Ratio Lower Upper

180 100

182 95.0 76.6 115.0

145 33.7 27.1 40.7

