

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090322\
 Data File : VU050626.D
 Acq On : 03 Sep 2022 20:42
 Operator : SY/MD
 Sample : N4481-06MS 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MS

Quant Time: Sep 05 01:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	923885	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	869493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	278415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	386914	48.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.920%		
7) Chloroethane-d5	1.900	69	308108	57.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	115.320%		
11) 1,1-Dichloroethene-d2	2.562	63	572598	41.005	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.000%		
21) 2-Butanone-d5	4.623	46	653192	112.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.980%		
24) Chloroform-d	5.060	84	727371	48.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.140%		
26) 1,2-Dichloroethane-d4	5.700	65	448544	49.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.020%		
32) Benzene-d6	5.726	84	1451032	50.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.000%		
36) 1,2-Dichloropropane-d6	6.690	67	490350	51.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.960%		
41) Toluene-d8	7.896	98	1274831	51.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.760%		
43) trans-1,3-Dichloroprop...	8.179	79	188673	48.336	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.680%		
47) 2-Hexanone-d5	8.636	63	345579	145.631	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	145.630%#		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	520408	36.453	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	72.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	304896	46.781	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	207919	23.430	ug/L	99
3) Chloromethane	1.517	50	267024	27.848	ug/L	99
5) Vinyl chloride	1.601	62	262221	29.027	ug/L	99
6) Bromomethane	1.845	94	104888	23.022	ug/L	99
8) Chloroethane	1.919	64	150577	31.382	ug/L	99
9) Trichlorofluoromethane	2.128	101	299119	27.177	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	182285	25.247	ug/L	100
12) 1,1-Dichloroethene	2.575	96	184856	26.350	ug/L #	81
13) Acetone	2.633	43	231408	53.061	ug/L	96
14) Carbon disulfide	2.787	76	492197	23.660	ug/L	99
15) Methyl Acetate	2.948	43	240483	26.073	ug/L	99
16) Methylene chloride	3.041	84	222648	24.183	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	188532	25.343	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	591290	25.635	ug/L	99
19) 1,1-Dichloroethane	3.867	63	368447	25.671	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	221768	26.421	ug/L	95
22) 2-Butanone	4.703	43	355376	52.099	ug/L	98
23) Bromochloromethane	4.970	128	111793	25.775	ug/L	98
25) Chloroform	5.086	83	377307	25.803	ug/L	100

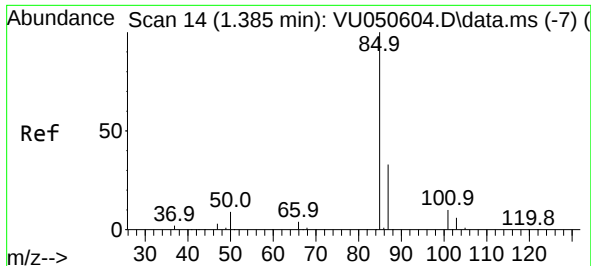
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	285044	26.301	ug/L	99
29) Cyclohexane	5.385	56	312968	26.877	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	300374	25.649	ug/L	98
31) Carbon tetrachloride	5.523	117	241819	25.203	ug/L	98
33) Benzene	5.771	78	867598	27.418	ug/L	100
34) Trichloroethene	6.539	95	199046	26.996	ug/L	97
35) Methylcyclohexane	6.761	83	319833	27.285	ug/L	99
37) 1,2-Dichloropropane	6.790	63	228606	27.351	ug/L	100
38) Bromodichloromethane	7.105	83	263120	26.761	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	308748	27.290	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	635073	55.756	ug/L	99
42) Toluene	7.967	91	892806	27.776	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	281468	26.516	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	215232	26.806	ug/L	99
46) Tetrachloroethene	8.552	164	155338	28.845	ug/L	98
48) 2-Hexanone	8.684	43	568953	53.524	ug/L	99
49) Dibromochloromethane	8.809	129	197492	25.788	ug/L	97
50) 1,2-Dibromoethane	8.922	107	220980	27.062	ug/L	97
51) Chlorobenzene	9.446	112	525633	26.349	ug/L	99
52) Ethylbenzene	9.568	91	872202	27.468	ug/L	100
53) m,p-Xylene	9.693	106	332023	27.293	ug/L	97
54) o-Xylene	10.102	106	307060	25.353	ug/L	98
55) Styrene	10.111	104	508865	25.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	269006	18.809	ug/L	98
59) Bromoform	10.288	173	128893	31.029	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	208202	25.487	ug/L	100
61) Isopropylbenzene	10.484	105	734203	33.315	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	498730	26.471	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	475270	26.269	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	247416	25.515	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	245941	25.659	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	256912	24.877	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	51652	23.944	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	176836	25.129	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	146278	24.480	ug/L	99
71) Naphthalene	14.086	128	505618	23.866	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	162593	25.127	ug/L	99

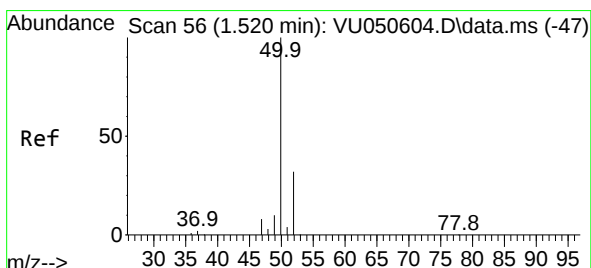
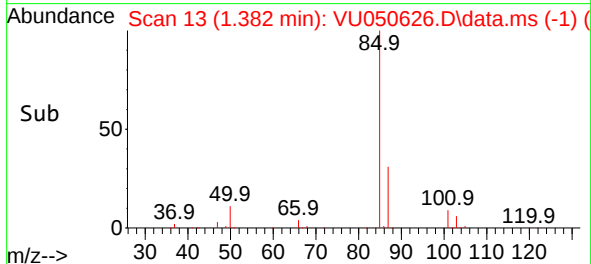
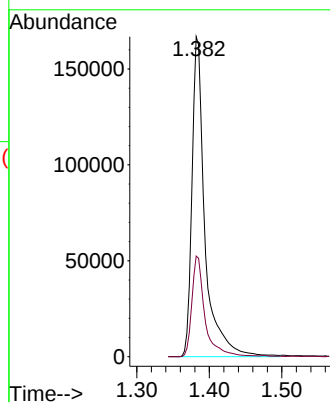
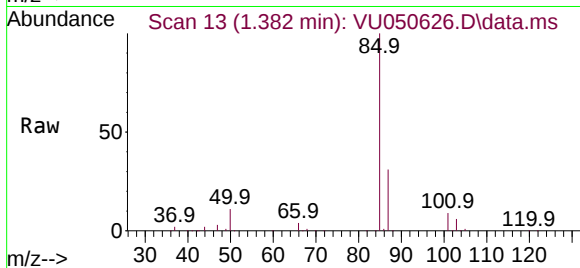
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 23.430 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

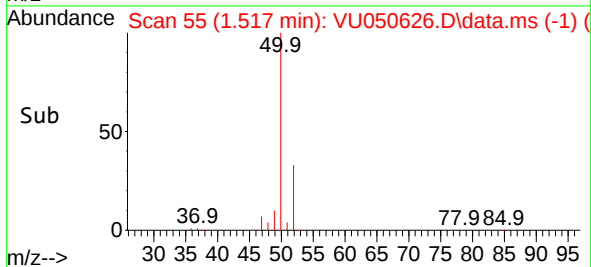
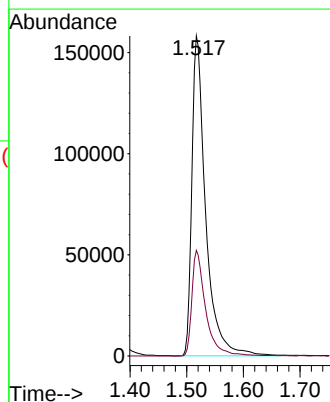
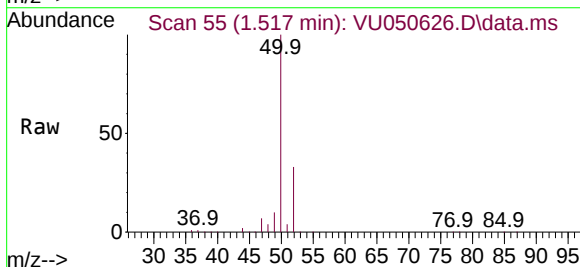
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

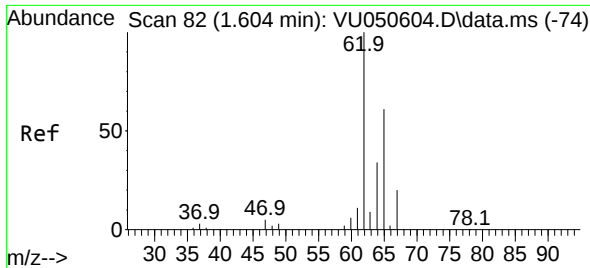
Tgt Ion: 85 Resp: 207919
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.8



#3
Chloromethane
Concen: 27.848 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 50 Resp: 267024
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9

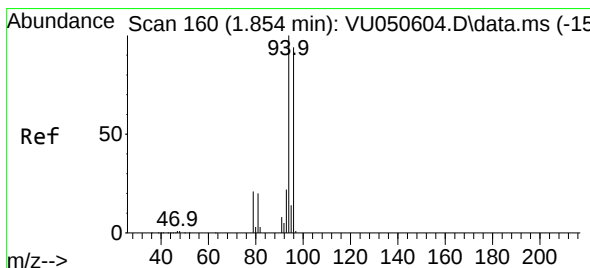
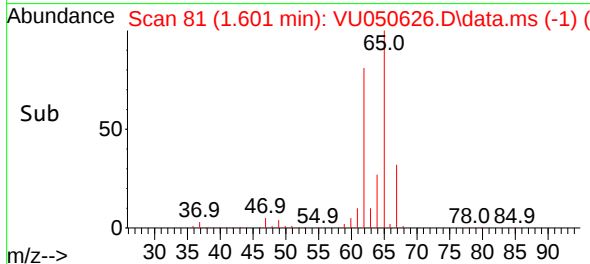
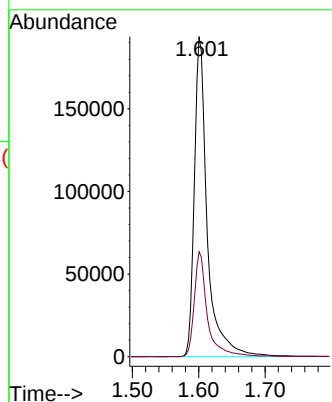
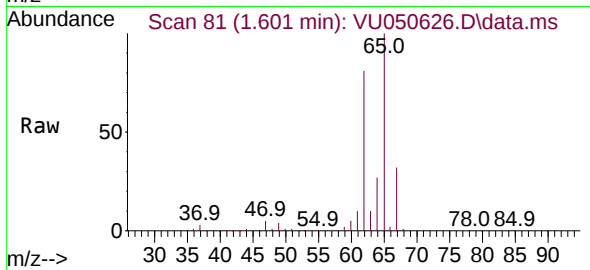




#5
 Vinyl chloride
 Concen: 29.027 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050626.D
 Acq: 03 Sep 2022 20:42

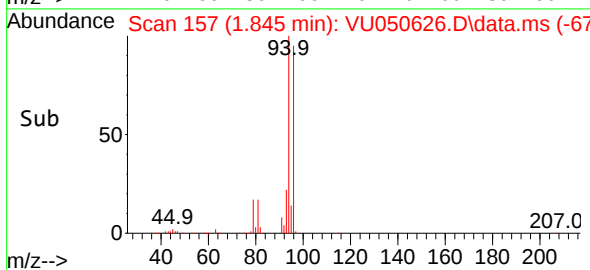
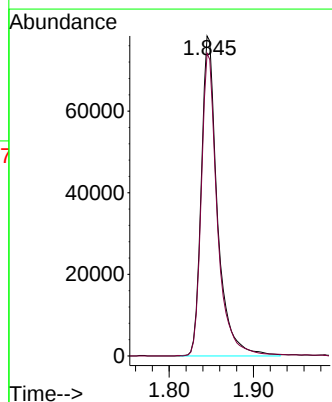
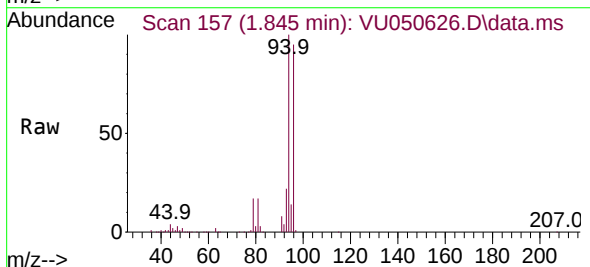
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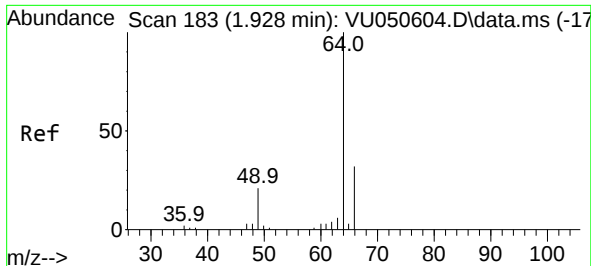
Tgt Ion: 62 Resp: 262221
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.5 43.7



#6
 Bromomethane
 Concen: 23.022 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VU050626.D
 Acq: 03 Sep 2022 20:42

Tgt Ion: 94 Resp: 104888
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.6 121.8

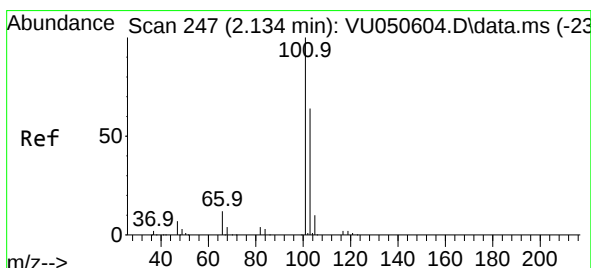
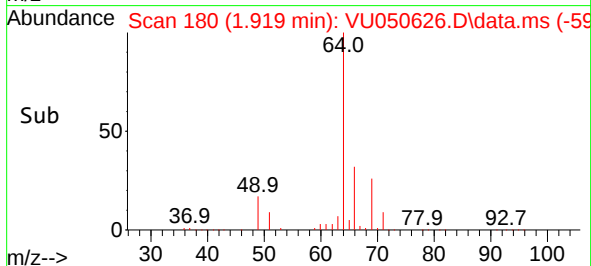
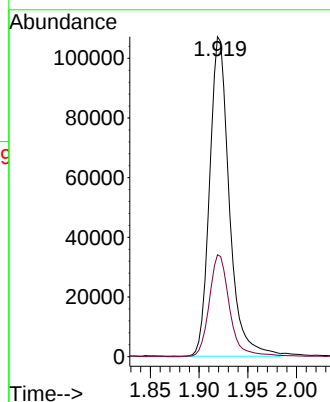
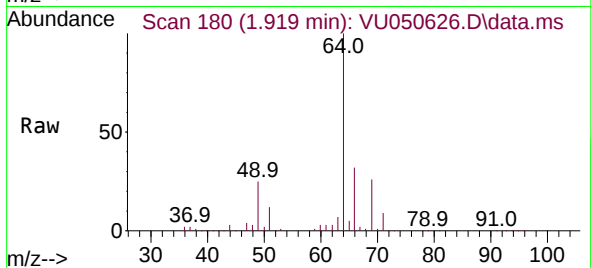




#8
Chloroethane
Concen: 31.382 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

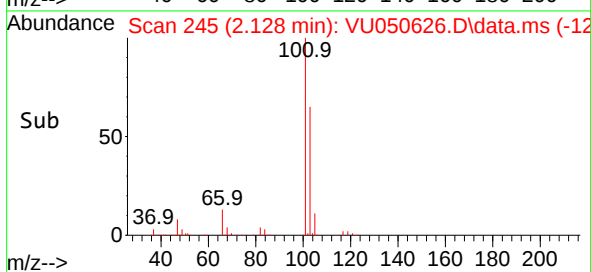
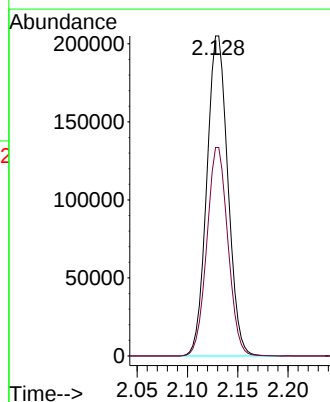
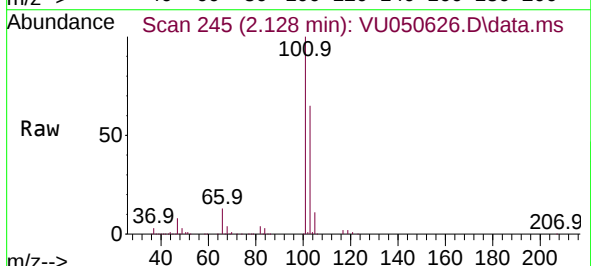
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

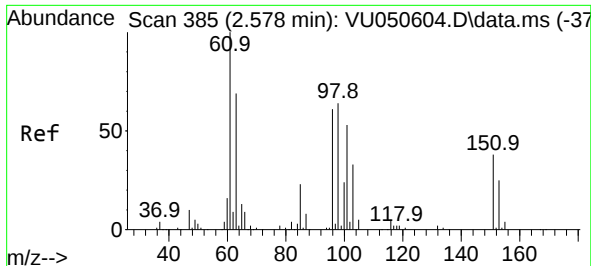
Tgt Ion: 64 Resp: 150577
Ion Ratio Lower Upper
64 100
66 31.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 27.177 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.006 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion:101 Resp: 299119
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.247 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MS

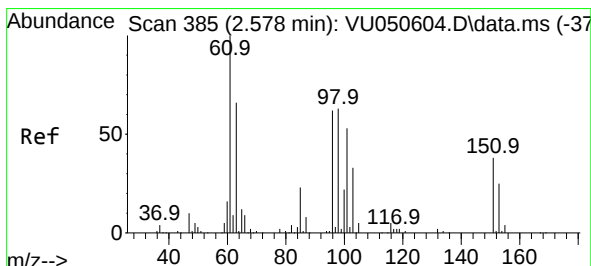
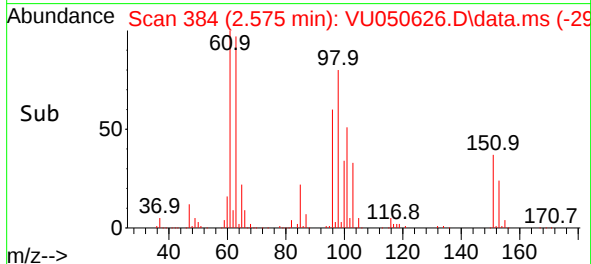
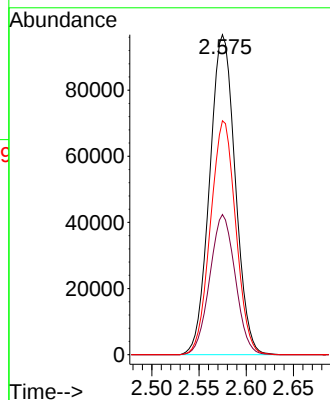
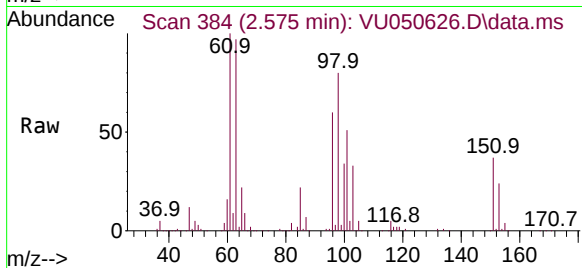
Tgt Ion:101 Resp: 182285

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

151 72.3 57.7 86.5



#12

1,1-Dichloroethene

Concen: 26.350 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

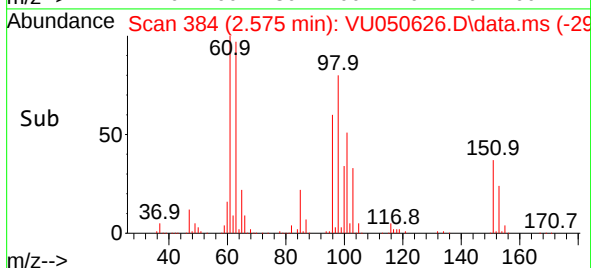
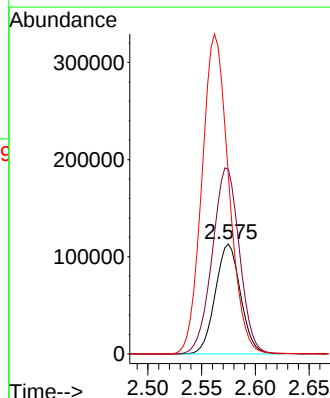
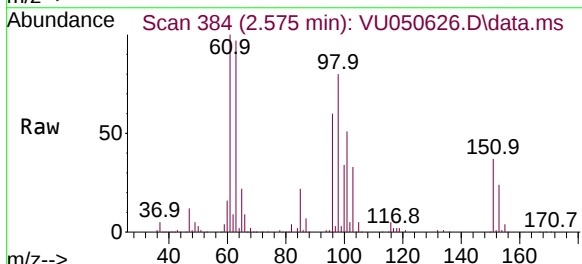
Tgt Ion: 96 Resp: 184856

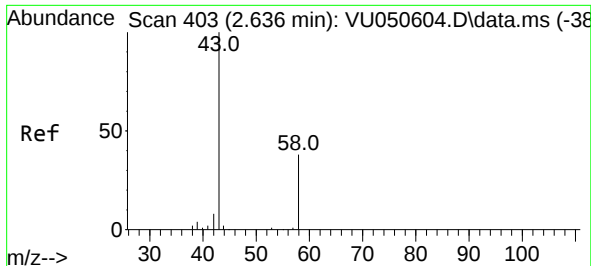
Ion Ratio Lower Upper

96 100

61 167.8 118.0 219.1

63 162.5 79.5 147.7#





#13

Acetone

Concen: 53.061 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

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ClientSampleId :

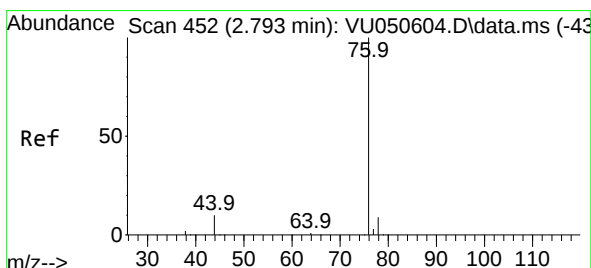
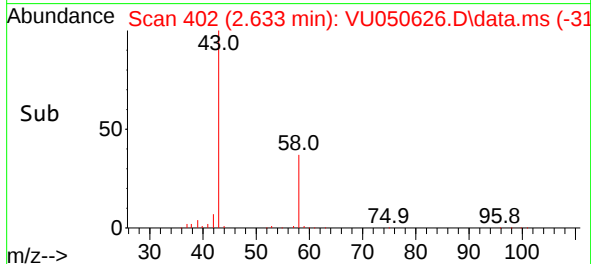
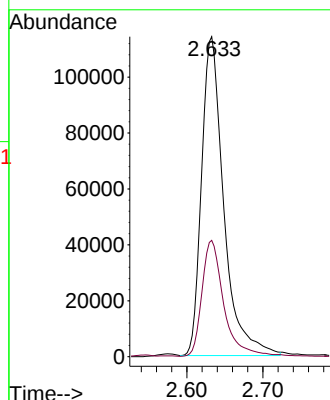
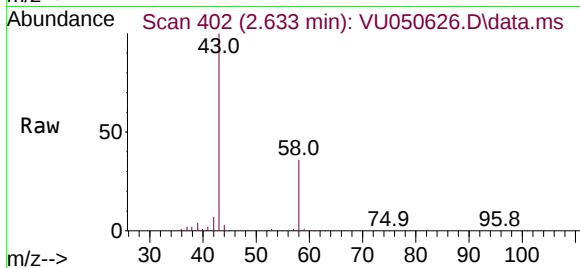
DBVF5MS

Tgt Ion: 43 Resp: 231408

Ion Ratio Lower Upper

43 100

58 35.6 0.0 76.2



#14

Carbon disulfide

Concen: 23.660 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.006 min

Lab File: VU050626.D

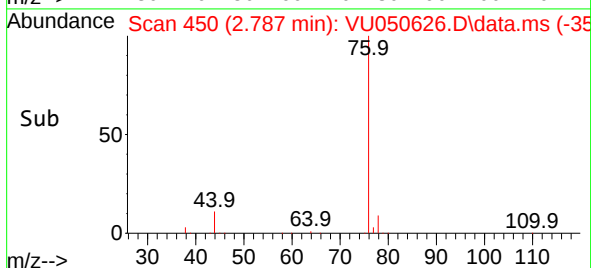
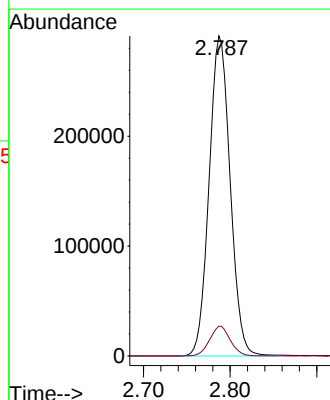
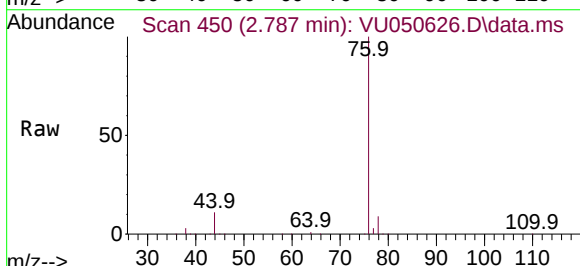
Acq: 03 Sep 2022 20:42

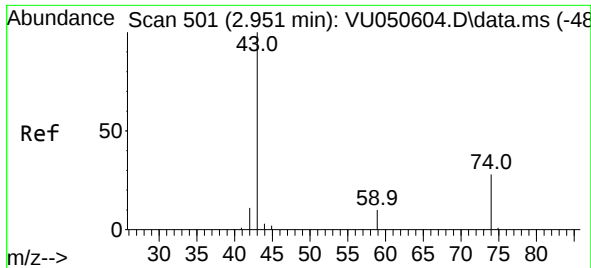
Tgt Ion: 76 Resp: 492197

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

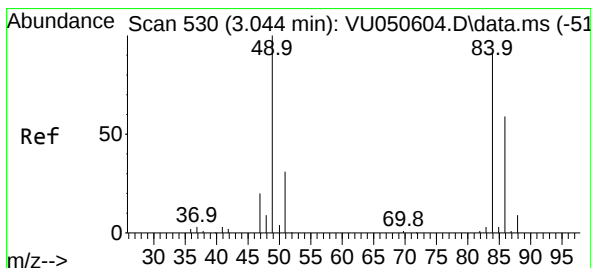
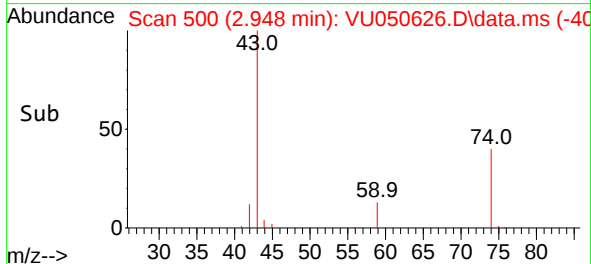
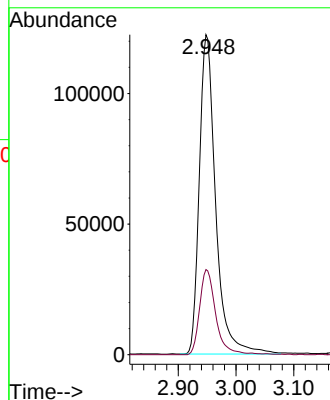
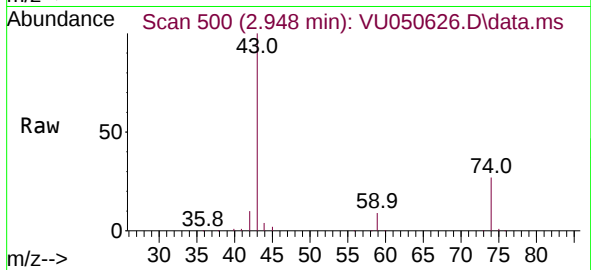




#15
Methyl Acetate
Concen: 26.073 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

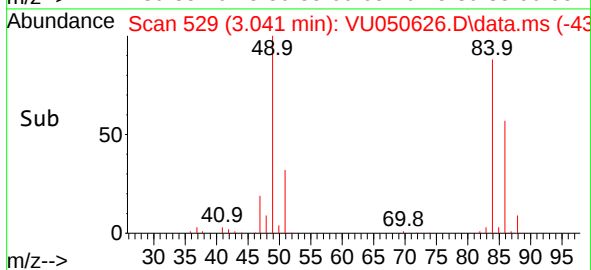
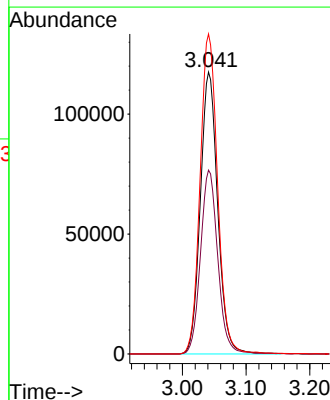
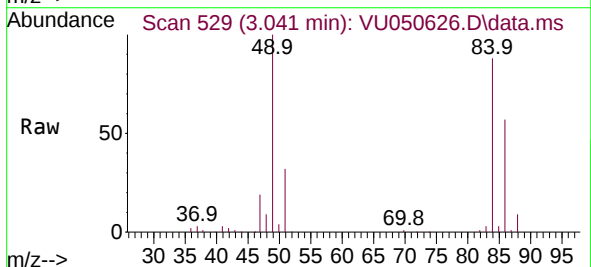
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

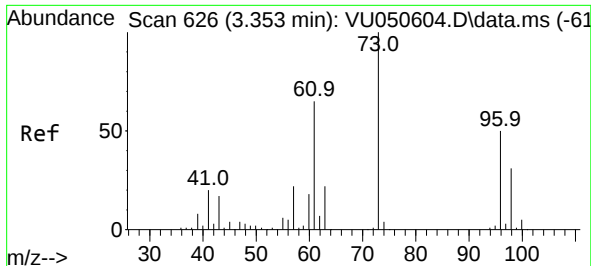
Tgt Ion: 43 Resp: 240483
Ion Ratio Lower Upper
43 100
74 26.0 21.2 31.8



#16
Methylene chloride
Concen: 24.183 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 84 Resp: 222648
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 113.5 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 25.343 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MS

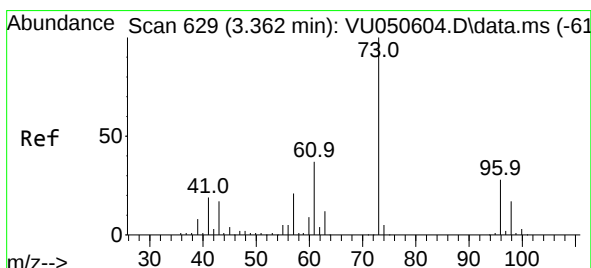
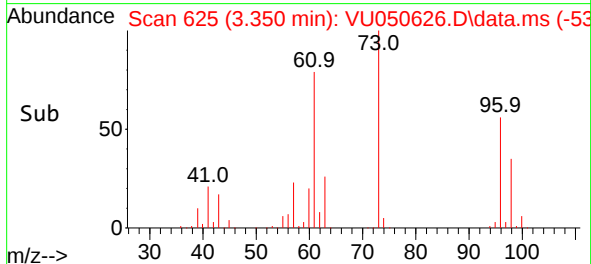
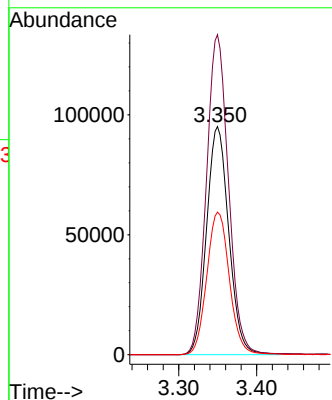
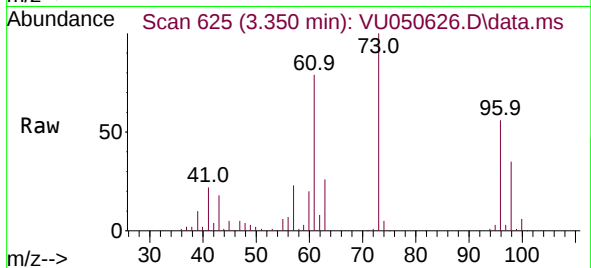
Tgt Ion: 96 Resp: 188532

Ion Ratio Lower Upper

96 100

61 140.3 97.9 181.7

98 62.5 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 25.635 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

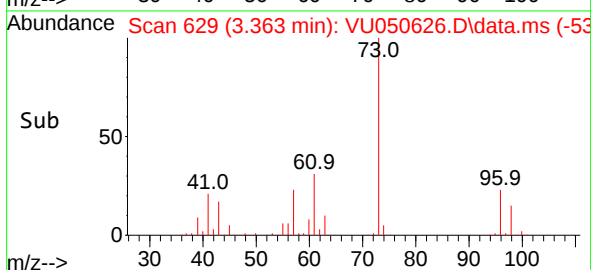
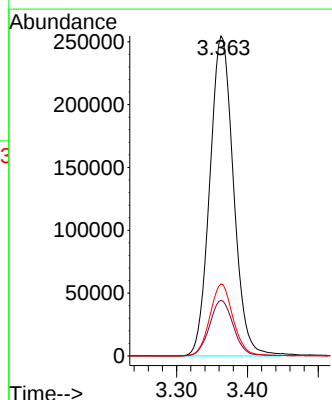
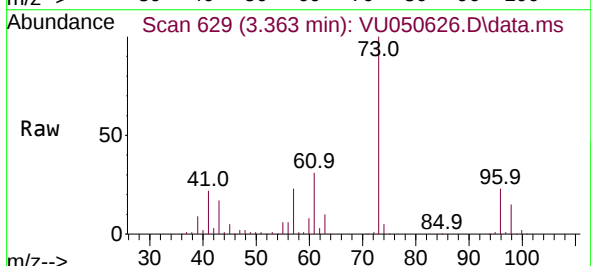
Tgt Ion: 73 Resp: 591290

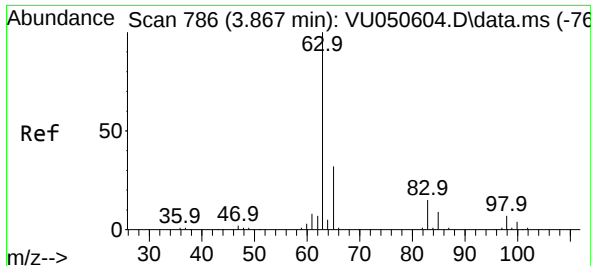
Ion Ratio Lower Upper

73 100

43 17.4 13.4 20.2

57 22.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 25.671 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MS

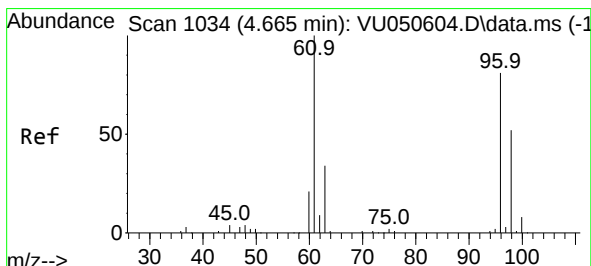
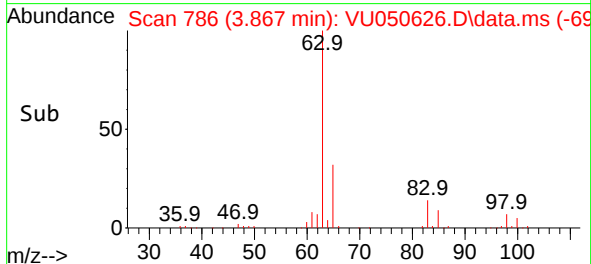
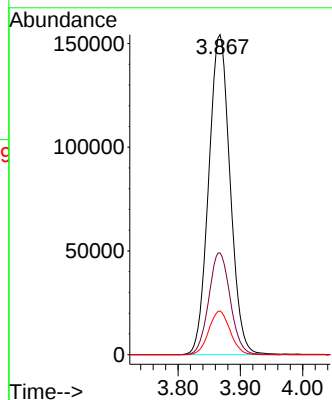
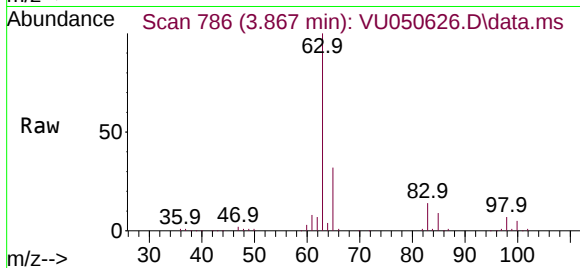
Tgt Ion: 63 Resp: 368447

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 26.421 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

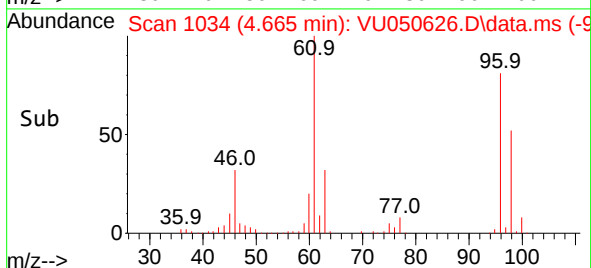
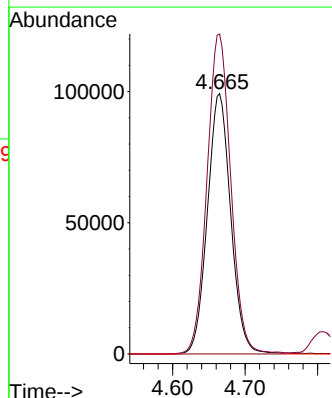
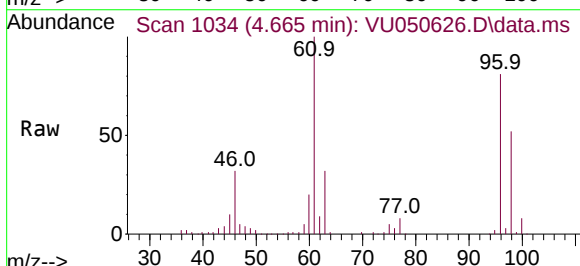
Tgt Ion: 96 Resp: 221768

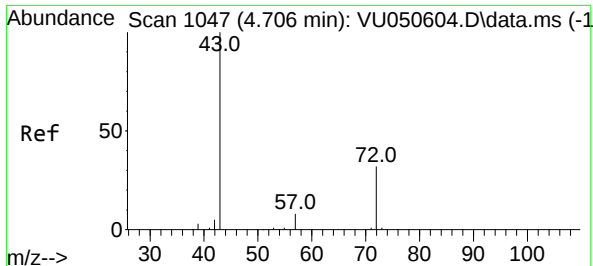
Ion Ratio Lower Upper

96 100

61 122.9 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 52.099 ug/L

RT: 4.703 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

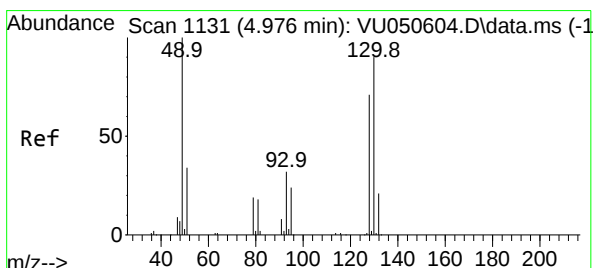
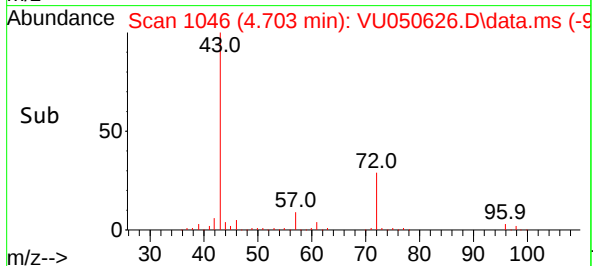
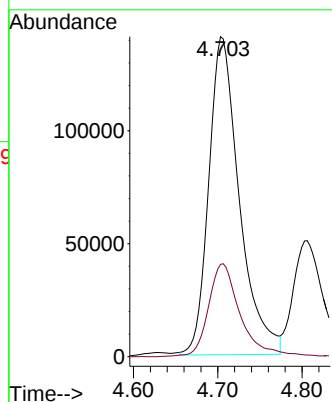
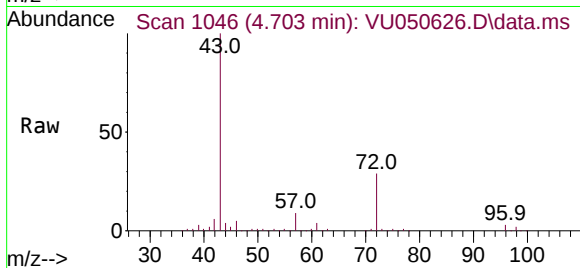
DBVF5MS

Tgt Ion: 43 Resp: 355376

Ion Ratio Lower Upper

43 100

72 30.5 14.6 44.0



#23

Bromochloromethane

Concen: 25.775 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Tgt Ion:128 Resp: 111793

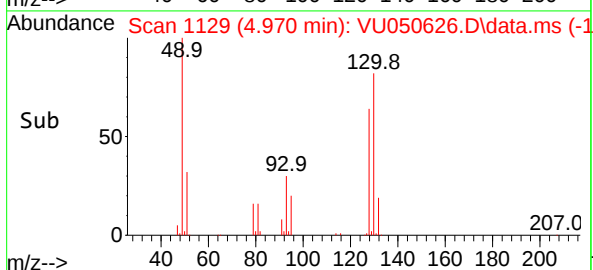
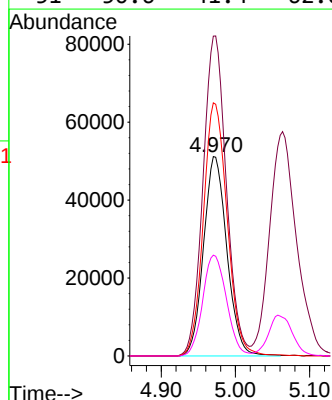
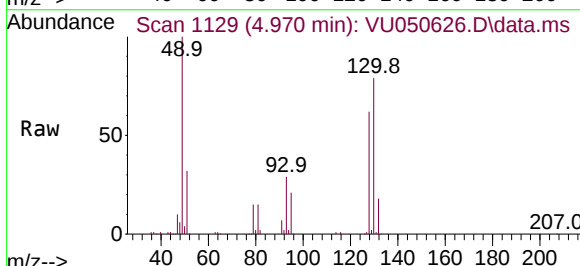
Ion Ratio Lower Upper

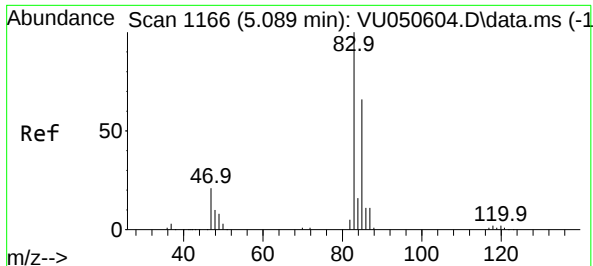
128 100

49 160.5 112.5 208.9

130 127.0 91.8 170.4

51 50.6 41.4 62.0





#25

Chloroform

Concen: 25.803 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

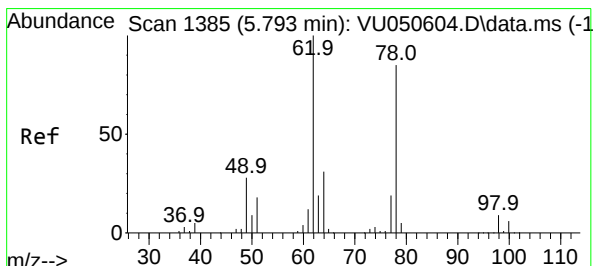
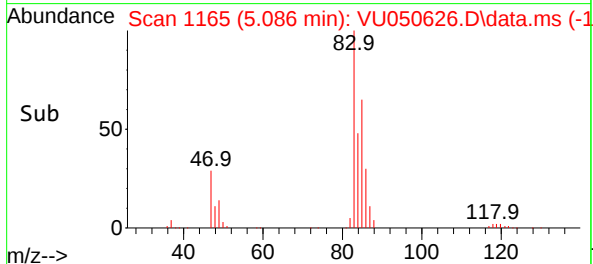
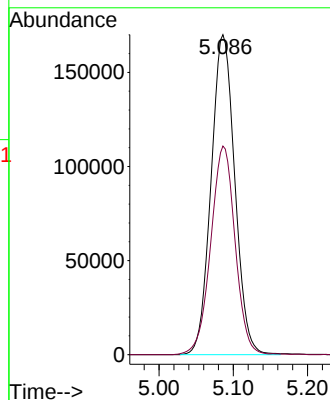
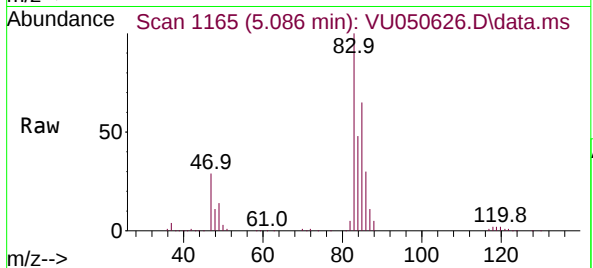
DBVF5MS

Tgt Ion: 83 Resp: 377307

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8



#27

1,2-Dichloroethane

Concen: 26.301 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050626.D

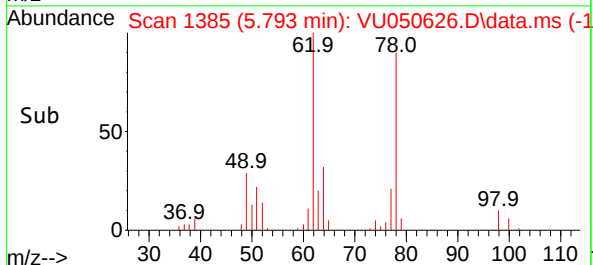
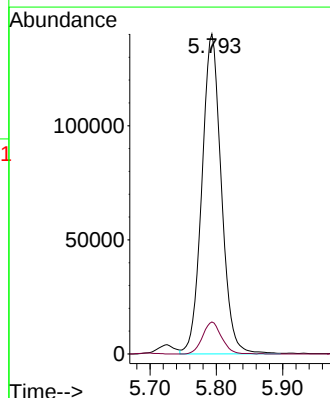
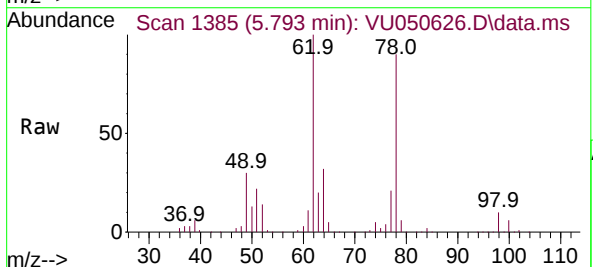
Acq: 03 Sep 2022 20:42

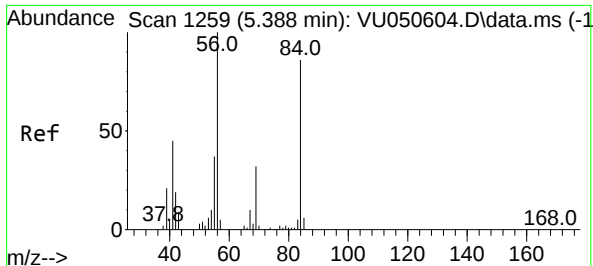
Tgt Ion: 62 Resp: 285044

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2





#29

Cyclohexane

Concen: 26.877 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MS

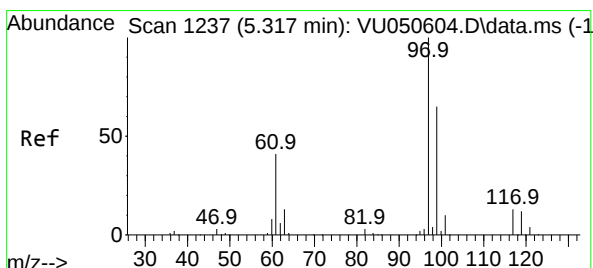
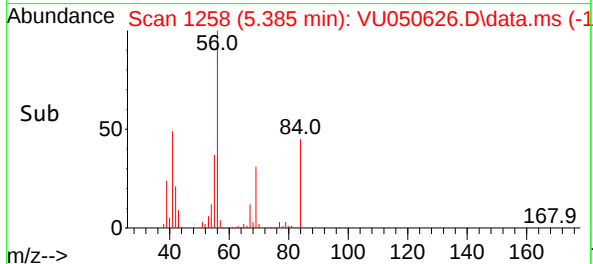
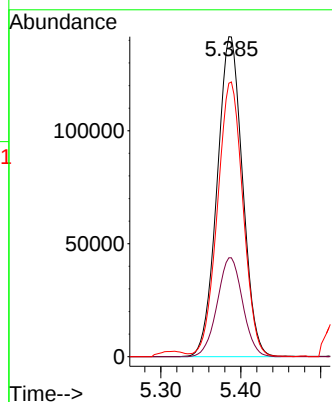
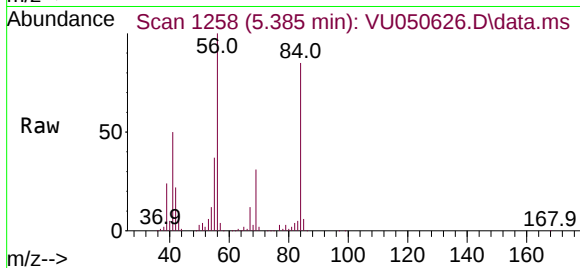
Tgt Ion: 56 Resp: 312968

Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 86.2 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 25.649 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

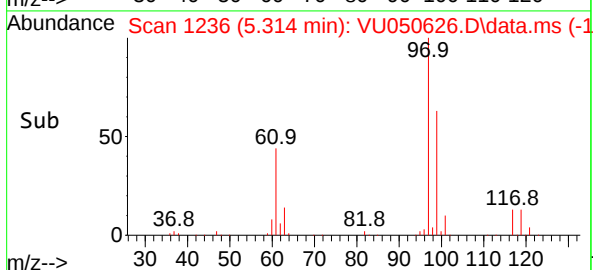
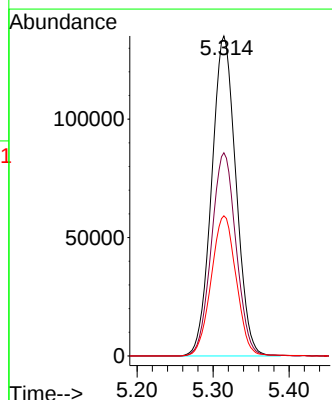
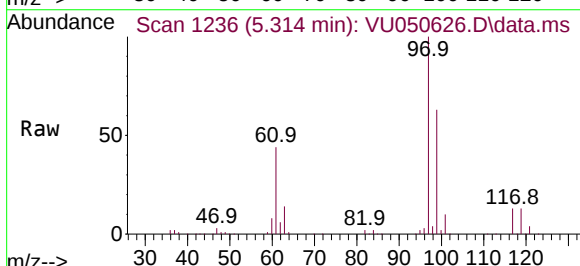
Tgt Ion: 97 Resp: 300374

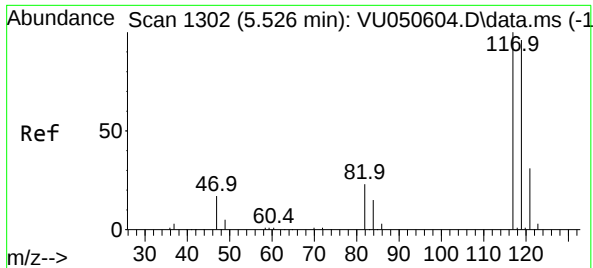
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 45.0 34.2 51.4

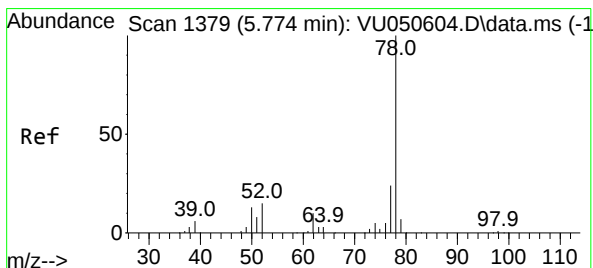
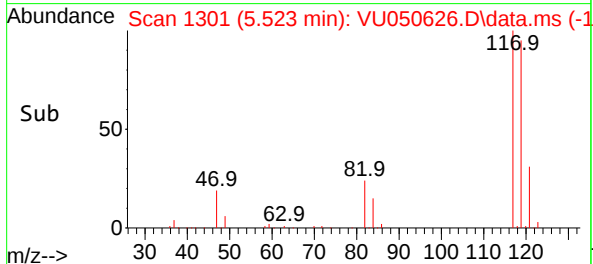
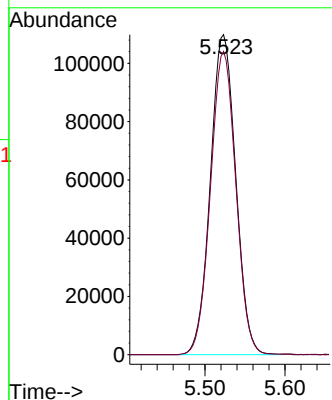
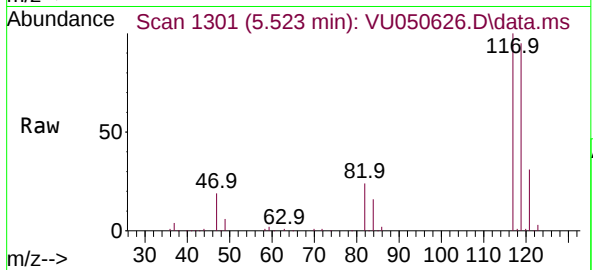




#31
Carbon tetrachloride
Concen: 25.203 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

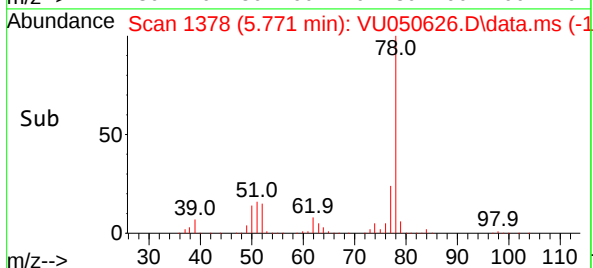
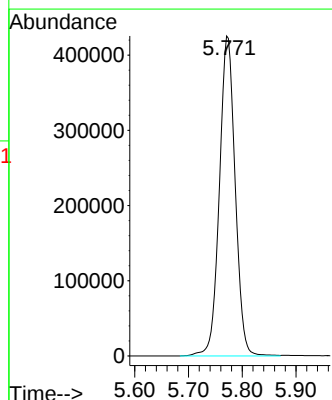
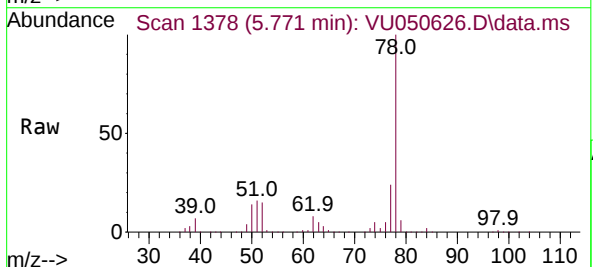
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

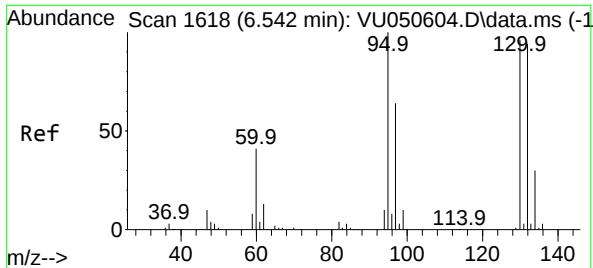
Tgt Ion:117 Resp: 241819
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.2



#33
Benzene
Concen: 27.418 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 78 Resp: 867598



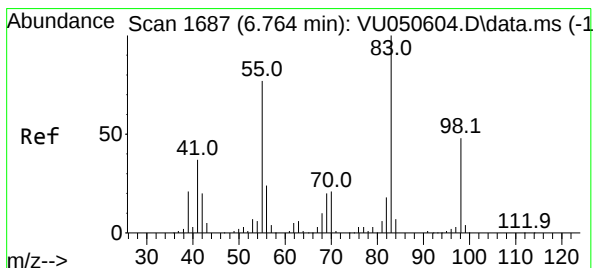
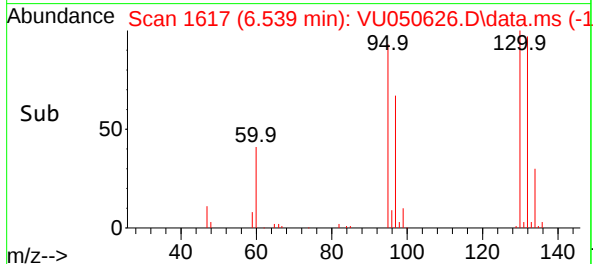
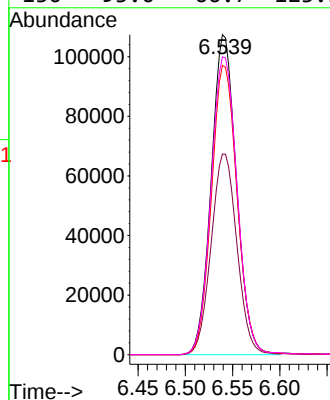
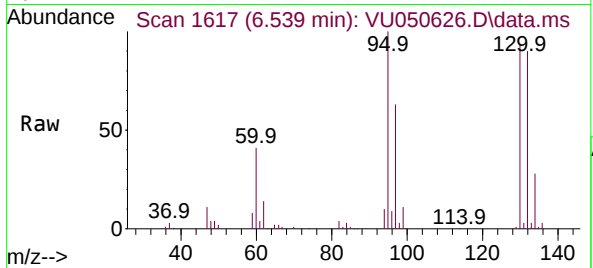


#34
Trichloroethene
Concen: 26.996 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

Tgt Ion: 95 Resp: 199046

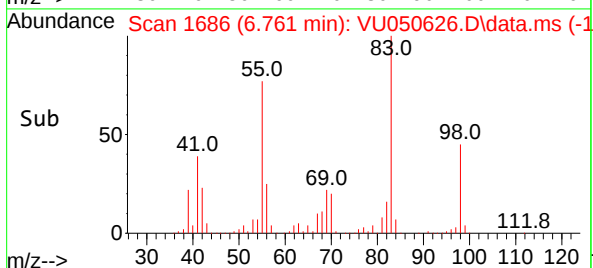
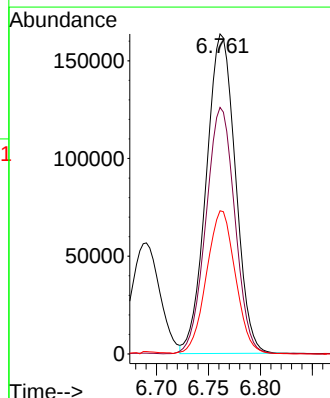
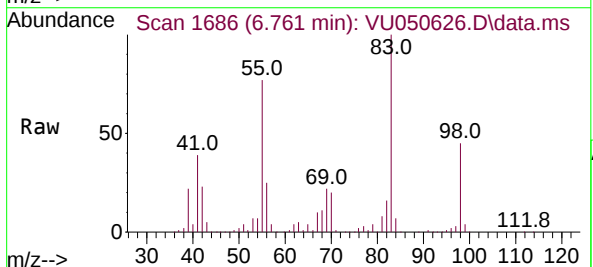
Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.4	84.2
132	90.4	65.2	121.2
130	93.0	66.7	123.9

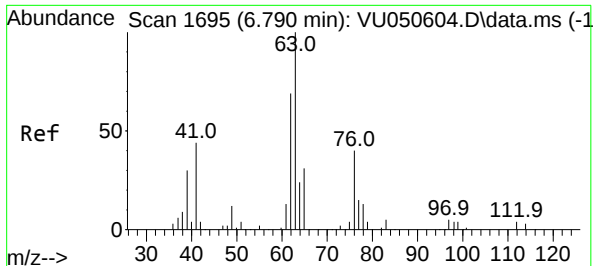


#35
Methylcyclohexane
Concen: 27.285 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 83 Resp: 319833

Ion	Ratio	Lower	Upper
83	100		
55	76.5	62.6	93.8
98	44.6	35.5	53.3





#37

1,2-Dichloropropane

Concen: 27.351 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

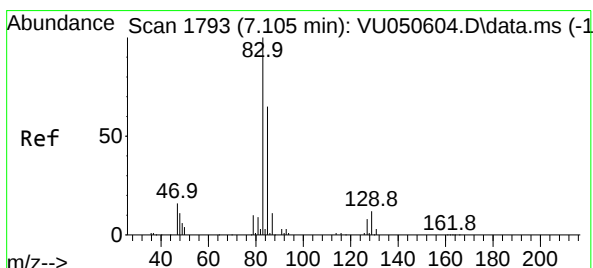
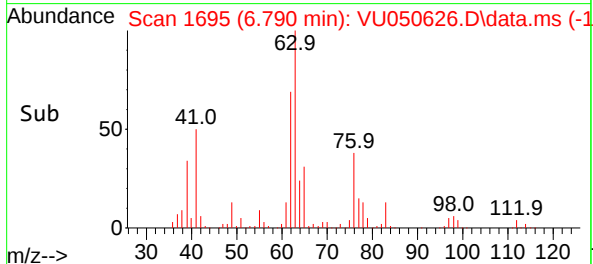
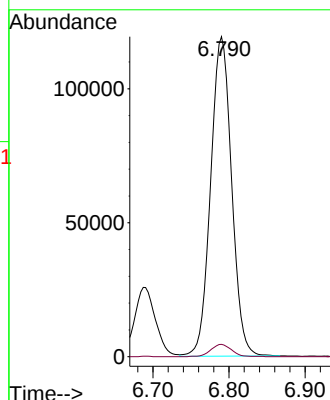
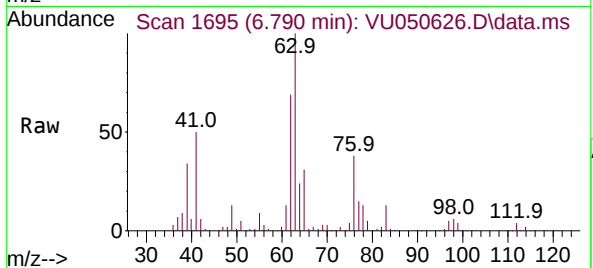
DBVF5MS

Tgt Ion: 63 Resp: 228606

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 26.761 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

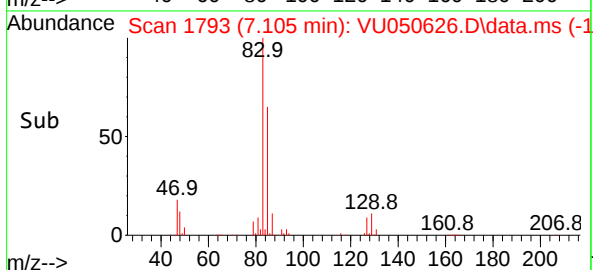
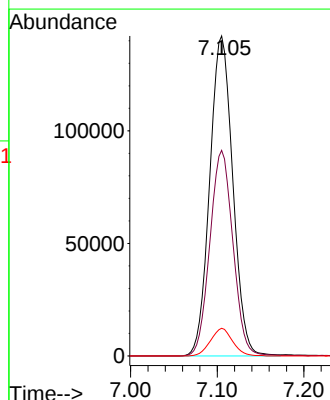
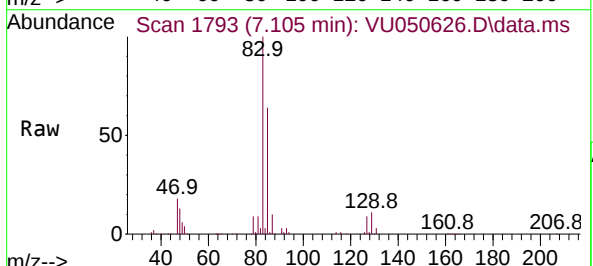
Tgt Ion: 83 Resp: 263120

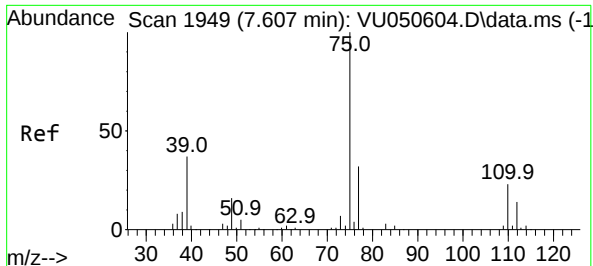
Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.5

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.290 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

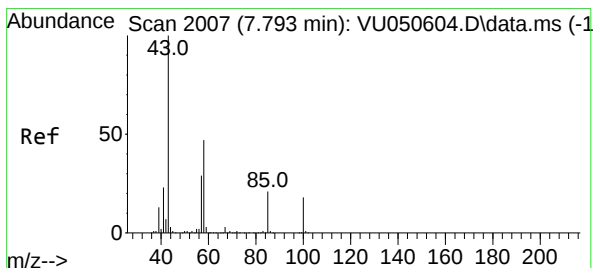
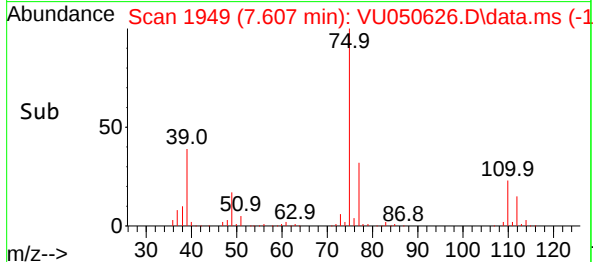
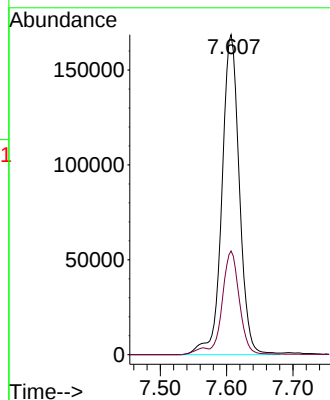
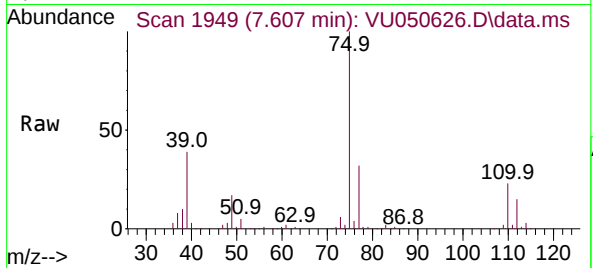
DBVF5MS

Tgt Ion: 75 Resp: 308748

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 55.756 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

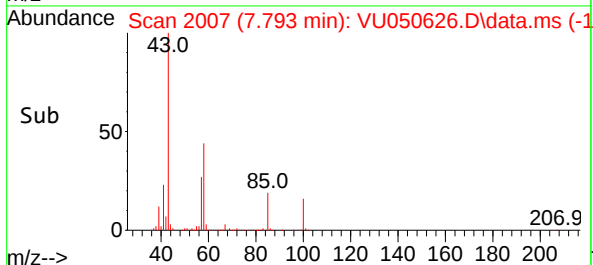
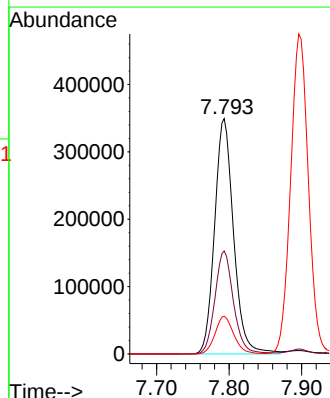
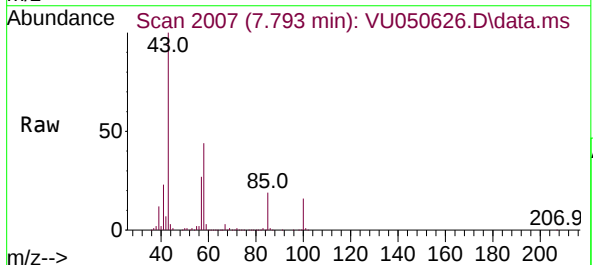
Tgt Ion: 43 Resp: 635073

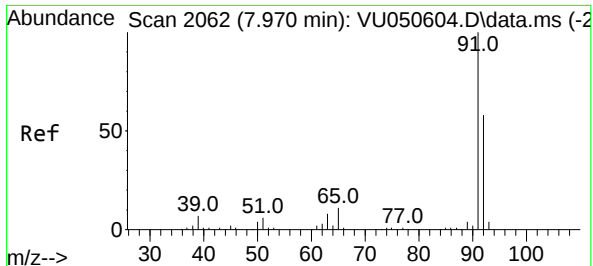
Ion Ratio Lower Upper

43 100

58 42.9 35.1 52.7

100 15.9 12.9 19.3





#42

Toluene

Concen: 27.776 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

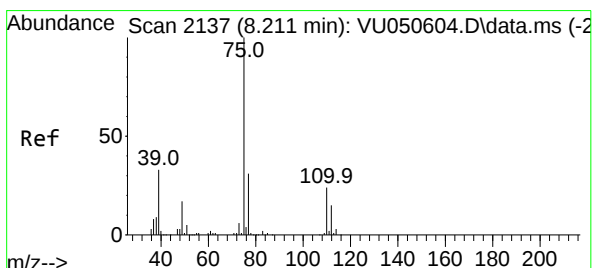
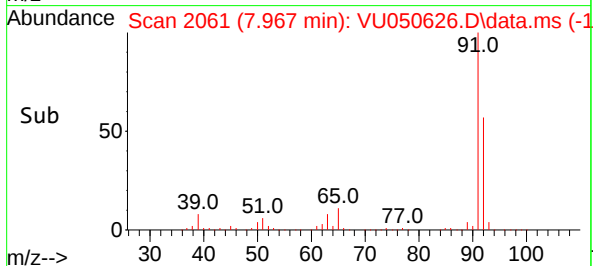
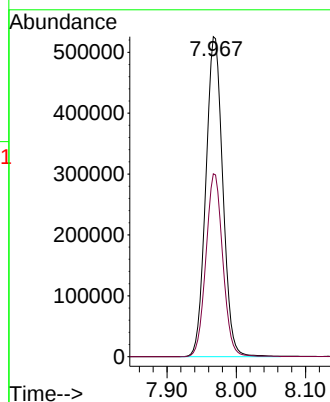
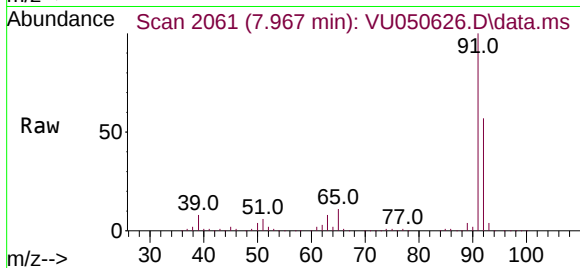
DBVF5MS

Tgt Ion: 91 Resp: 892806

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 26.516 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050626.D

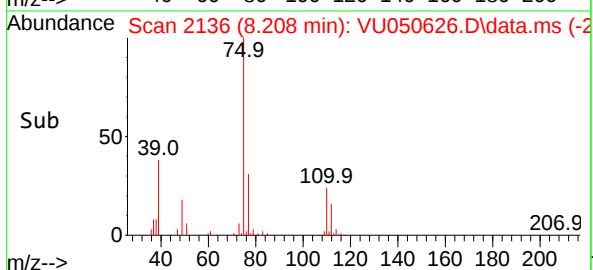
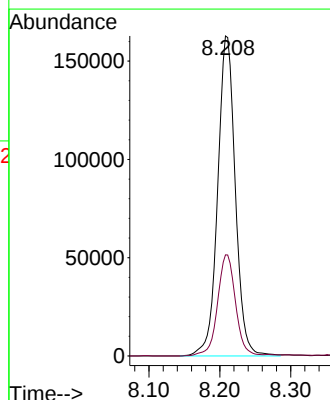
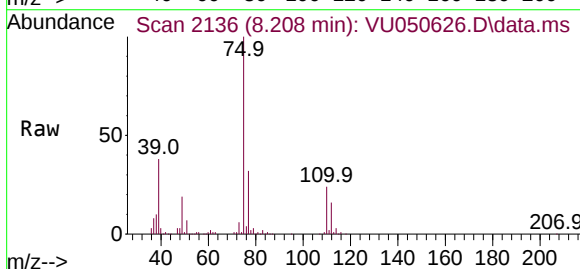
Acq: 03 Sep 2022 20:42

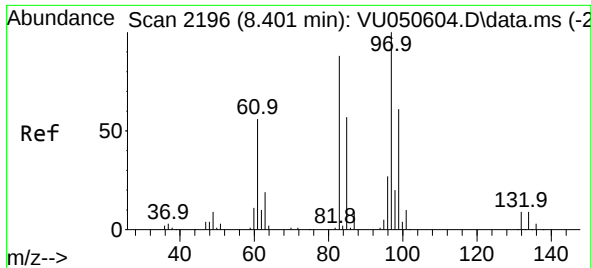
Tgt Ion: 75 Resp: 281468

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



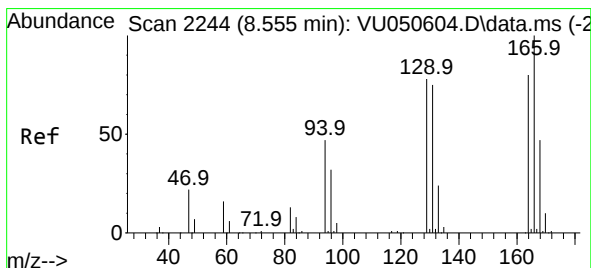
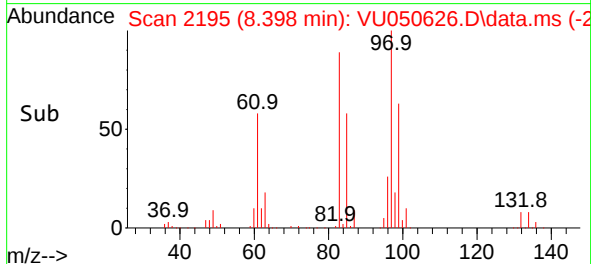
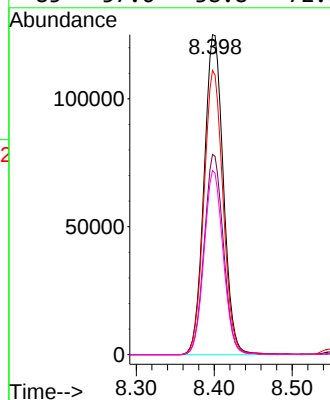
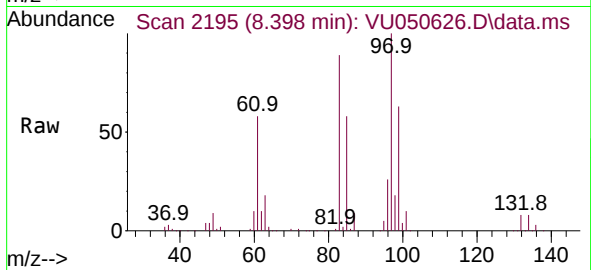


#45
1,1,2-Trichloroethane
Concen: 26.806 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

Tgt Ion: 97 Resp: 215232

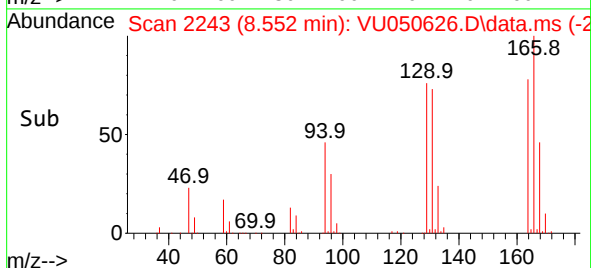
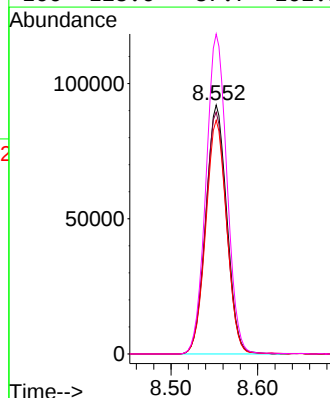
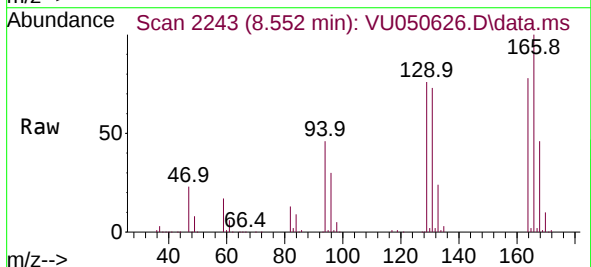
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.5	80.9
83	88.8	61.6	114.4
85	57.6	38.8	72.0

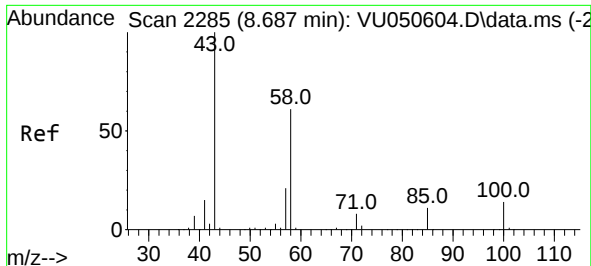


#46
Tetrachloroethene
Concen: 28.845 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 164 Resp: 155338

Ion	Ratio	Lower	Upper
164	100		
129	97.1	68.7	127.5
131	93.9	66.2	123.0
166	128.6	87.7	162.9

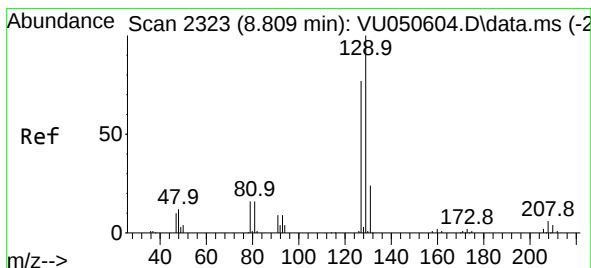
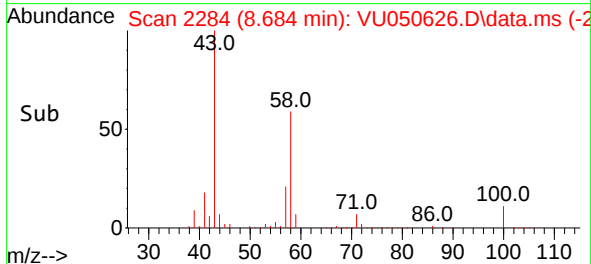
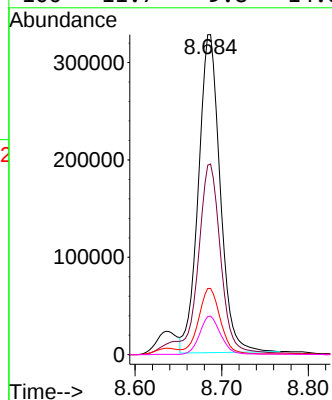
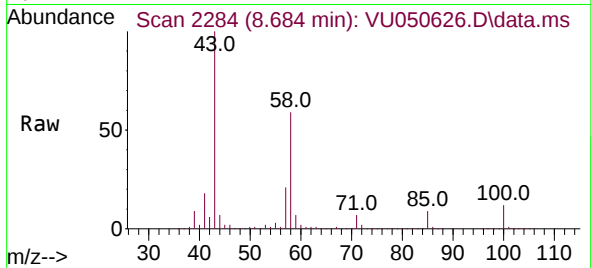




#48
2-Hexanone
Concen: 53.524 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

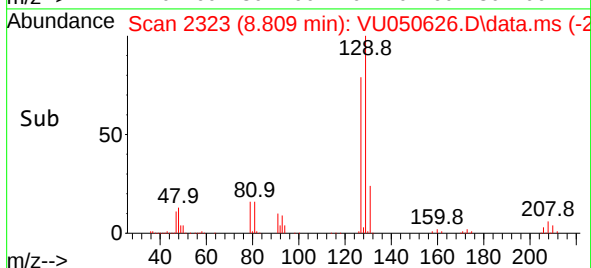
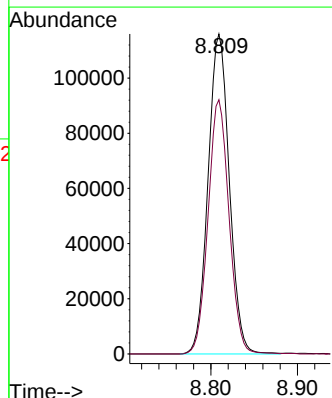
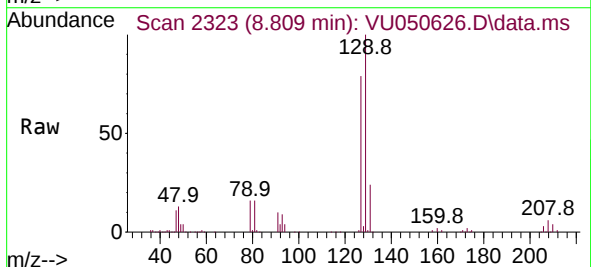
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

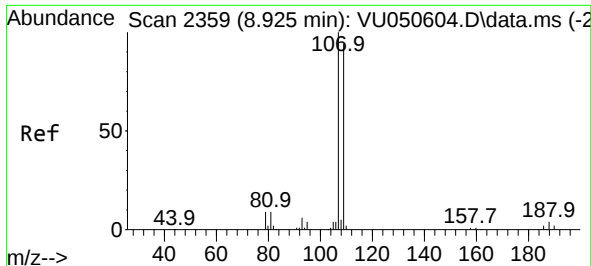
Tgt Ion: 43 Resp: 568953
Ion Ratio Lower Upper
43 100
58 65.8 51.8 77.6
57 21.4 17.0 25.4
100 11.7 9.8 14.8



#49
Dibromochloromethane
Concen: 25.788 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 129 Resp: 197492
Ion Ratio Lower Upper
129 100
127 79.4 53.8 100.0

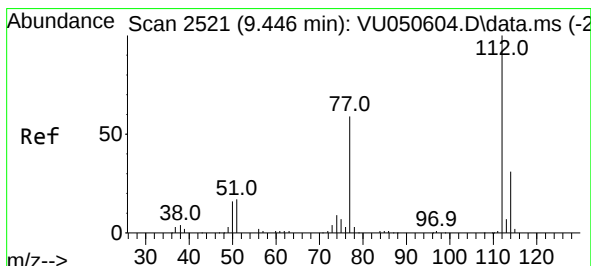
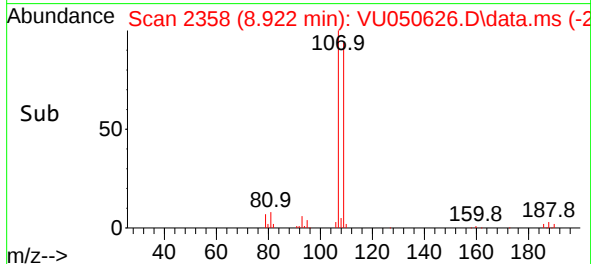
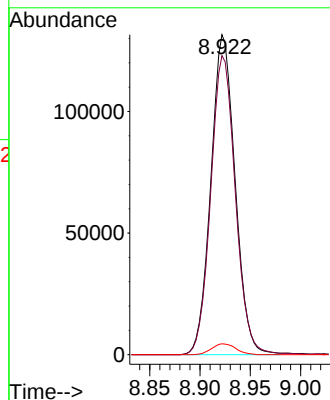
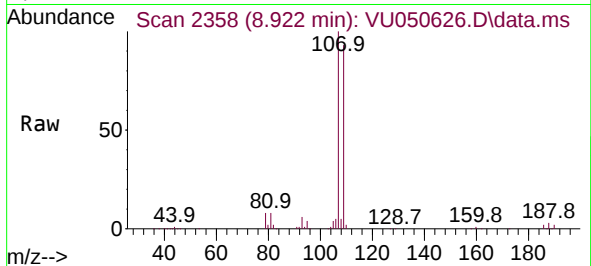




#50
1,2-Dibromoethane
Concen: 27.062 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

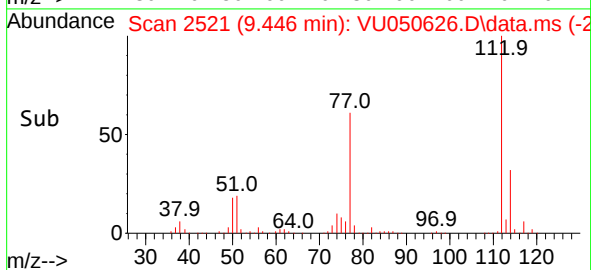
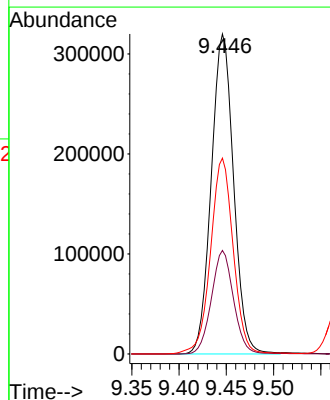
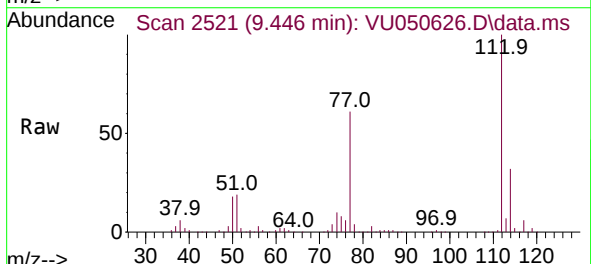
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

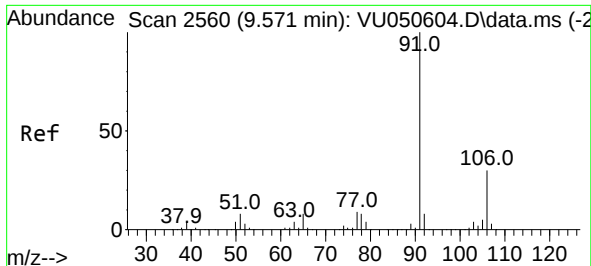
Tgt Ion:107 Resp: 220980
Ion Ratio Lower Upper
107 100
109 93.4 67.5 125.4
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 26.349 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion:112 Resp: 525633
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 61.2 49.2 73.8

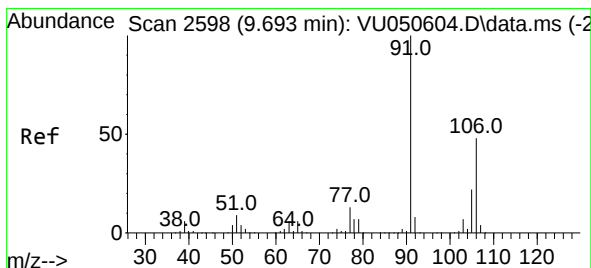
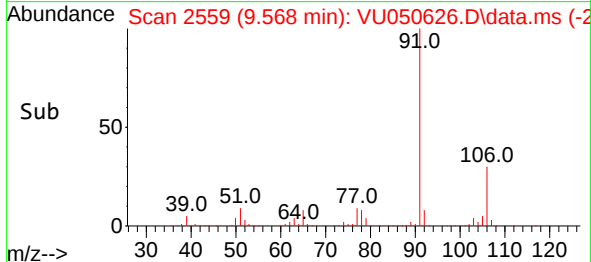
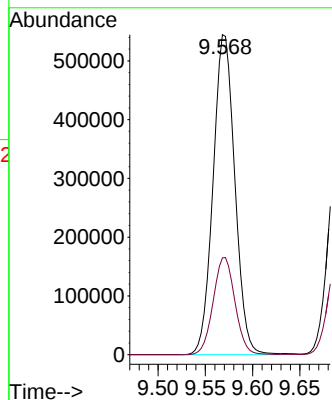
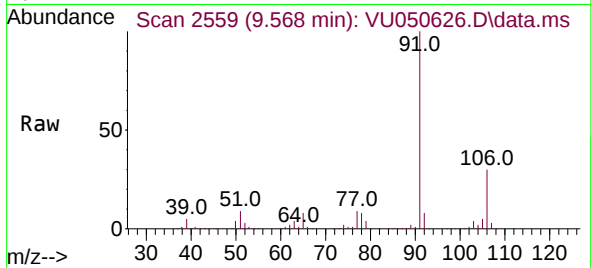




#52
Ethylbenzene
Concen: 27.468 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

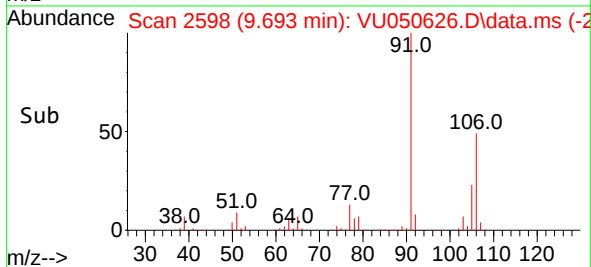
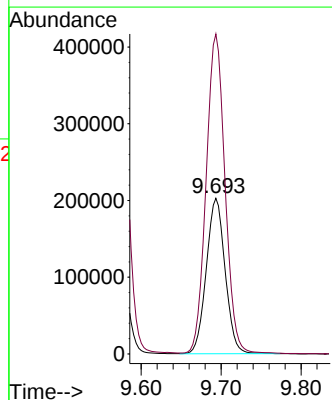
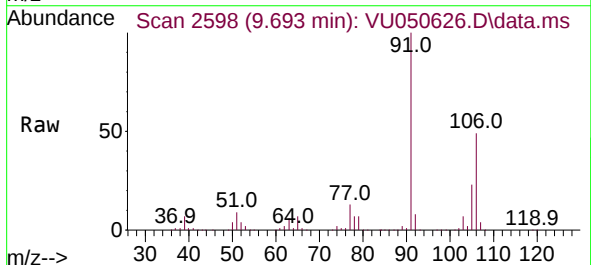
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

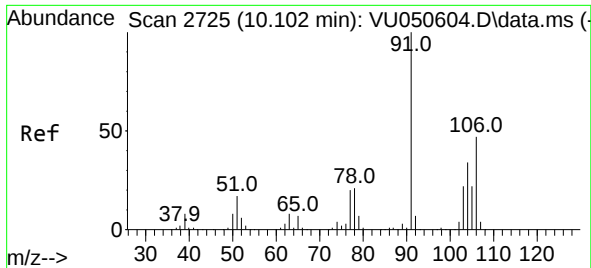
Tgt Ion: 91 Resp: 872202
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 27.293 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 106 Resp: 332023
Ion Ratio Lower Upper
106 100
91 205.5 147.1 273.3

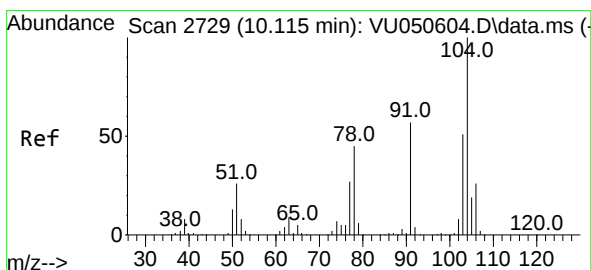
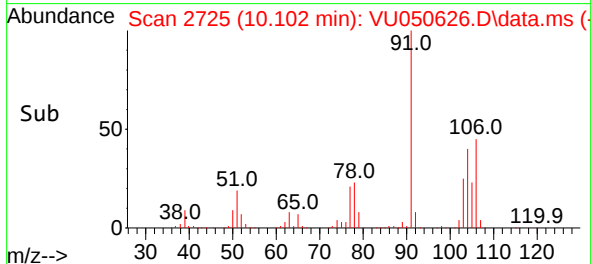
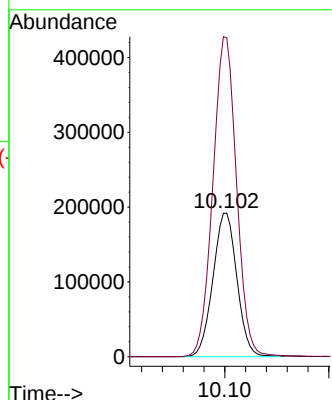
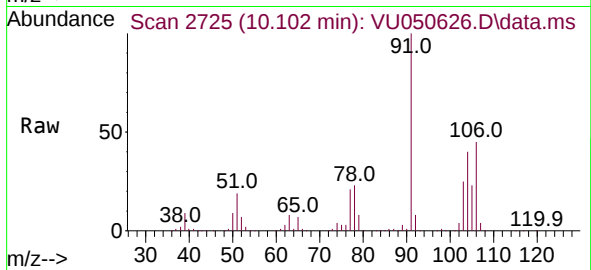




#54
o-Xylene
Concen: 25.353 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

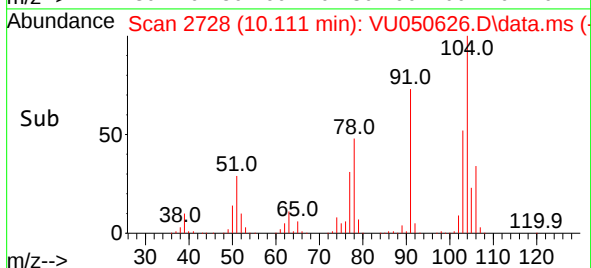
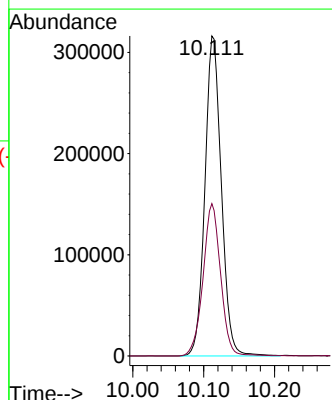
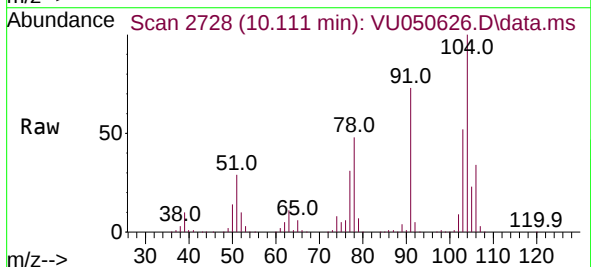
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

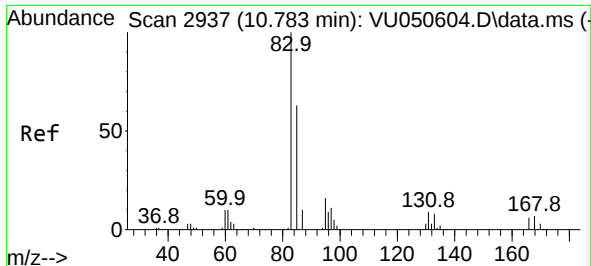
Tgt Ion:106 Resp: 307060
Ion Ratio Lower Upper
106 100
91 222.1 153.4 284.8



#55
Styrene
Concen: 25.535 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion:104 Resp: 508865
Ion Ratio Lower Upper
104 100
78 47.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 18.809 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MS

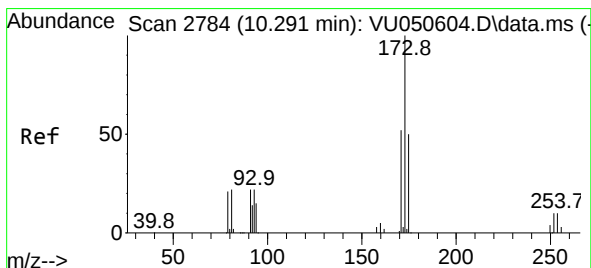
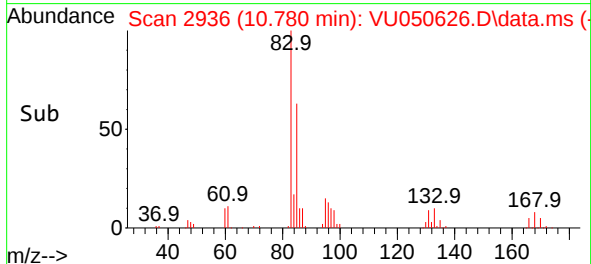
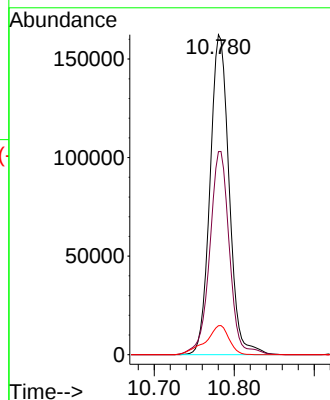
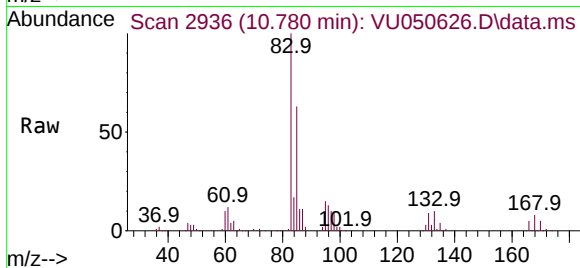
Tgt Ion: 83 Resp: 269006

Ion Ratio Lower Upper

83 100

85 63.5 45.5 84.5

131 9.0 7.7 11.5



#59

Bromoform

Concen: 31.029 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

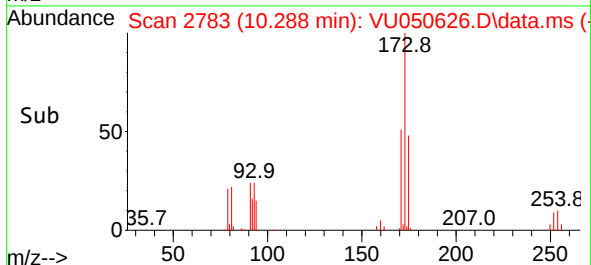
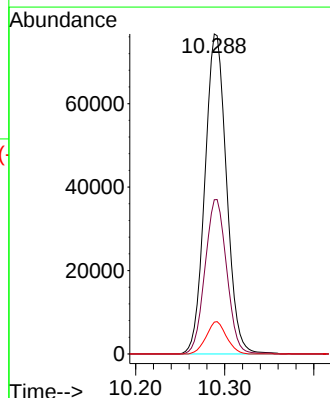
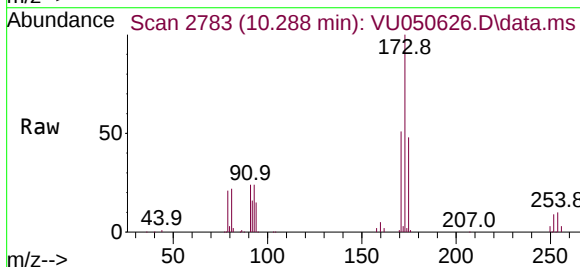
Tgt Ion:173 Resp: 128893

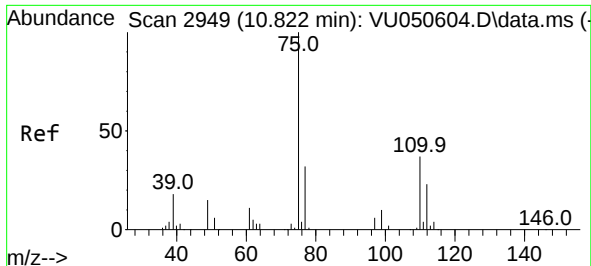
Ion Ratio Lower Upper

173 100

175 48.4 40.0 60.0

254 9.5 7.4 11.0

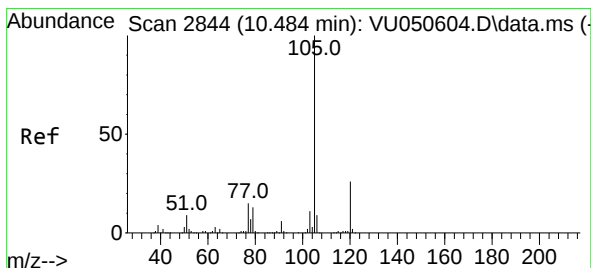
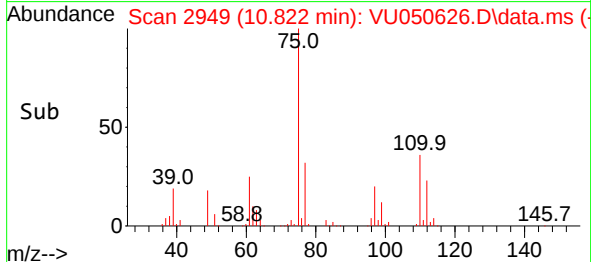
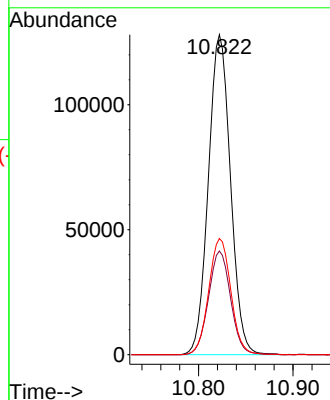
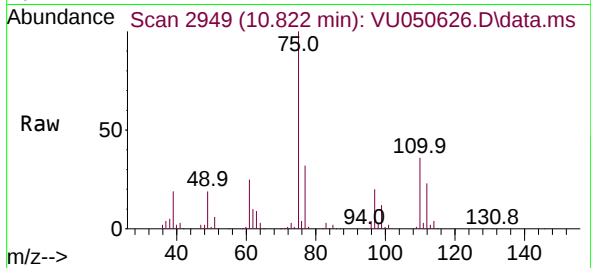




#60
1,2,3-Trichloropropane
Concen: 25.487 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

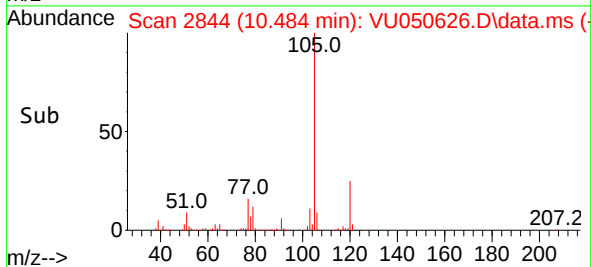
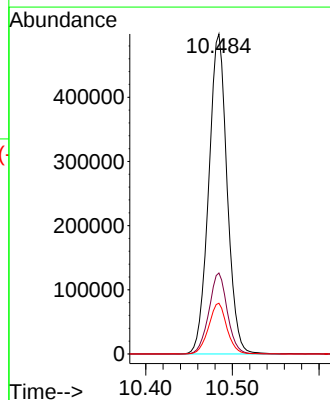
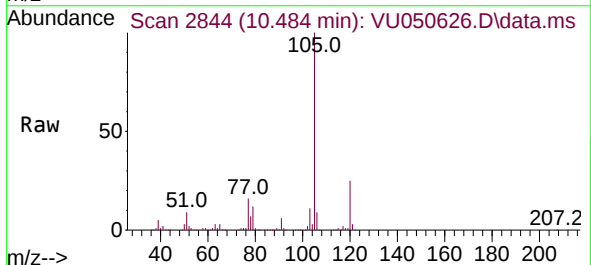
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

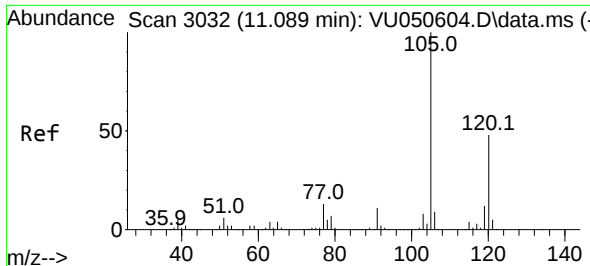
Tgt Ion: 75 Resp: 208202
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 36.3 29.3 43.9



#61
Isopropylbenzene
Concen: 33.315 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion:105 Resp: 734203
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6
77 15.8 12.8 19.2

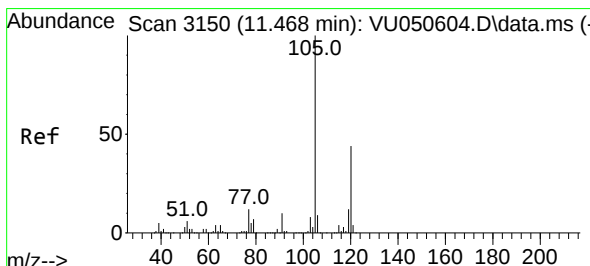
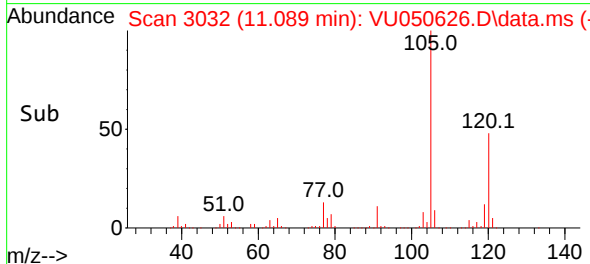
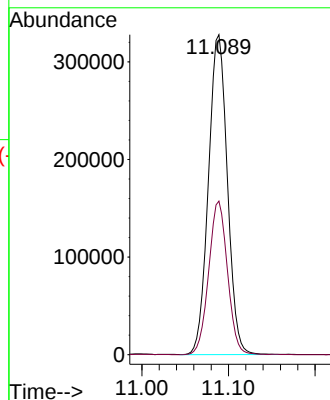
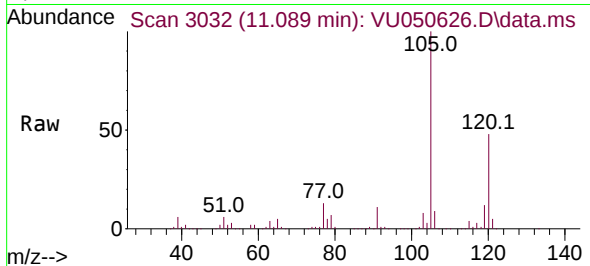




#62
 1,3,5-Trimethylbenzene
 Concen: 26.471 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050626.D
 Acq: 03 Sep 2022 20:42

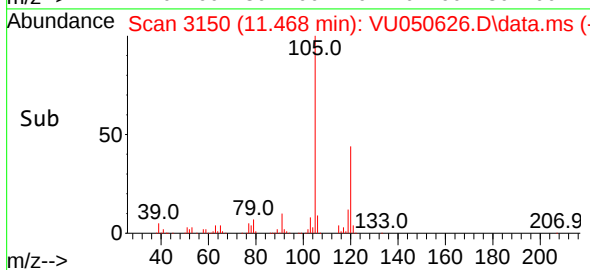
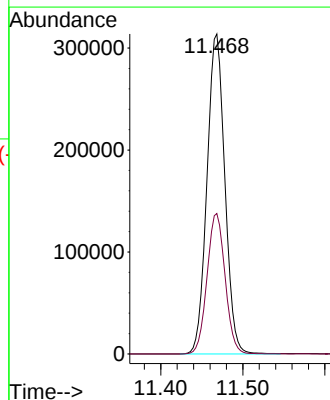
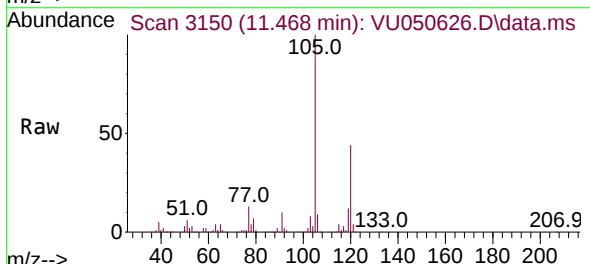
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MS

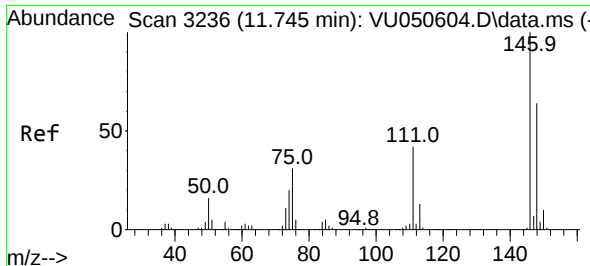
Tgt Ion:105 Resp: 498730
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 26.269 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050626.D
 Acq: 03 Sep 2022 20:42

Tgt Ion:105 Resp: 475270
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.3 52.9

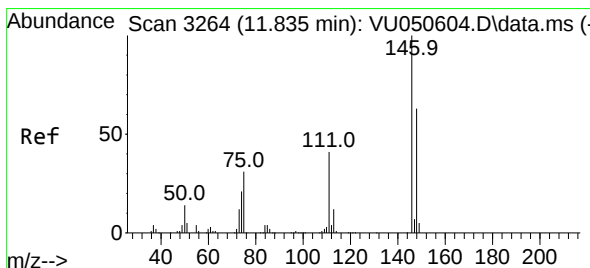
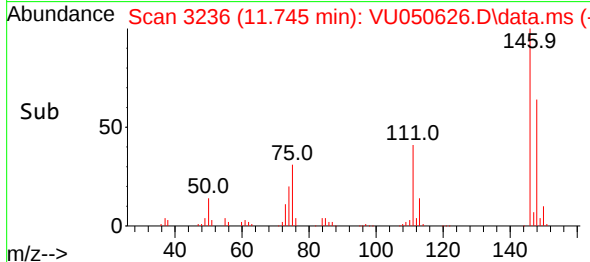
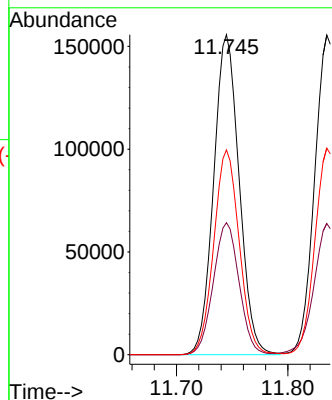
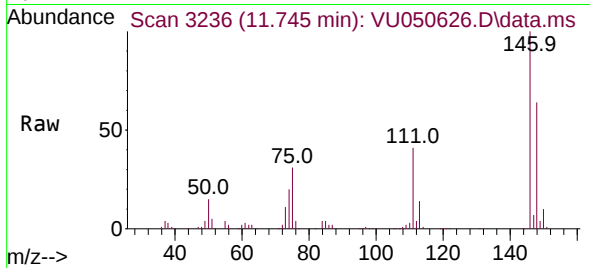




#64
1,3-Dichlorobenzene
Concen: 25.515 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

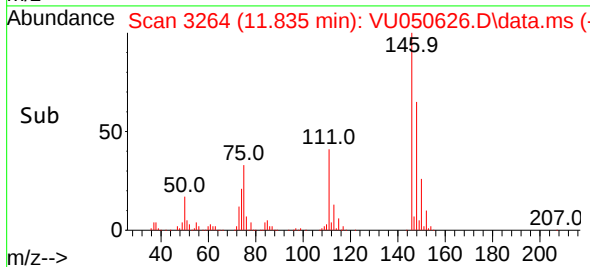
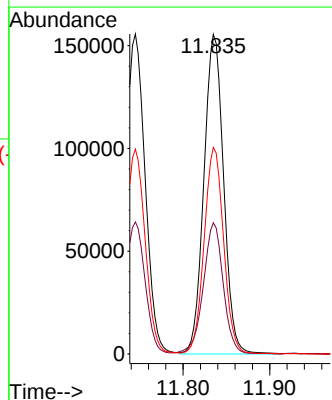
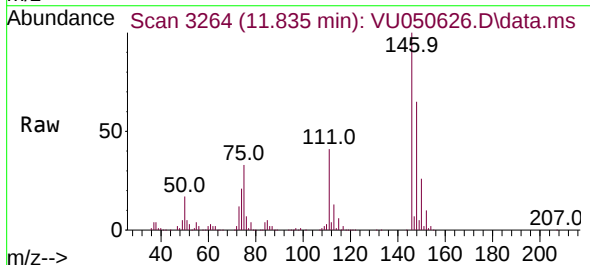
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

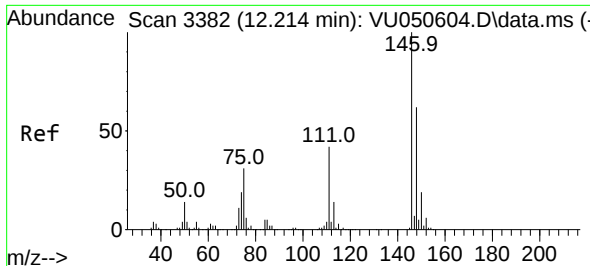
Tgt Ion:146 Resp: 247416
Ion Ratio Lower Upper
146 100
111 41.3 29.9 55.5
148 64.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 25.659 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion:146 Resp: 245941
Ion Ratio Lower Upper
146 100
111 41.1 27.9 51.7
148 64.6 44.4 82.4

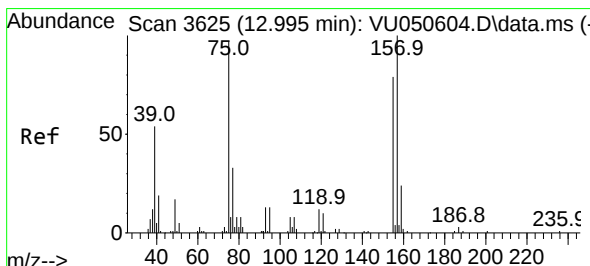
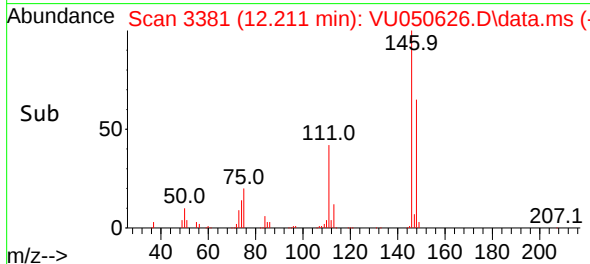
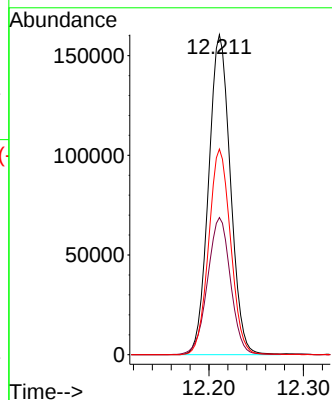
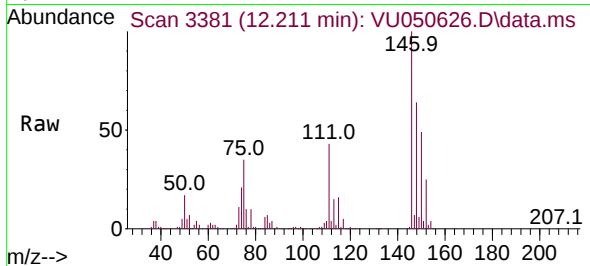




#67
1,2-Dichlorobenzene
Concen: 24.877 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

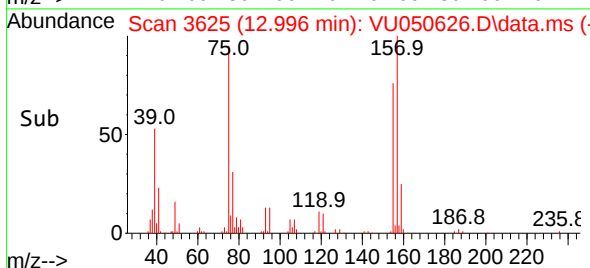
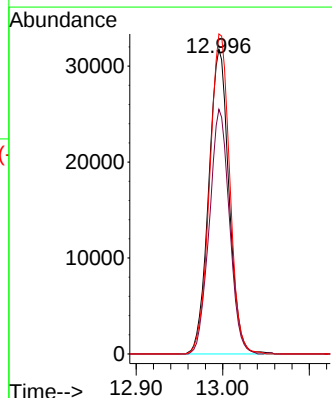
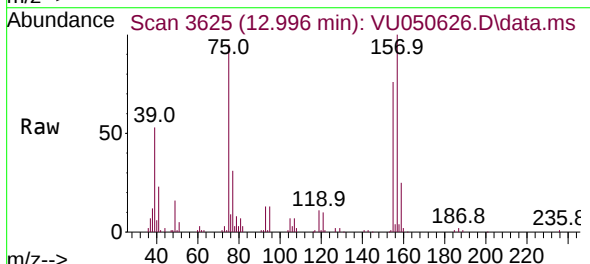
Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

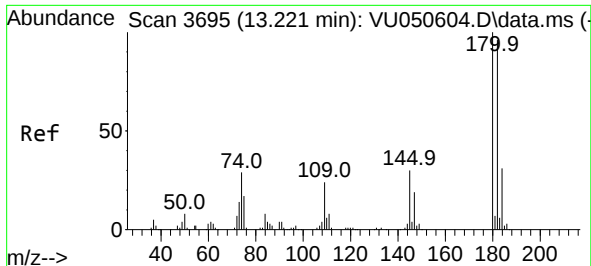
Tgt Ion:146 Resp: 256912
Ion Ratio Lower Upper
146 100
111 42.9 35.1 52.7
148 64.3 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.944 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion: 75 Resp: 51652
Ion Ratio Lower Upper
75 100
155 80.3 67.8 101.6
157 108.8 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 25.129 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

DBVF5MS

Tgt Ion:180 Resp: 176836

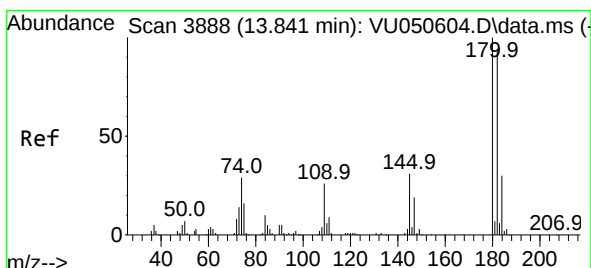
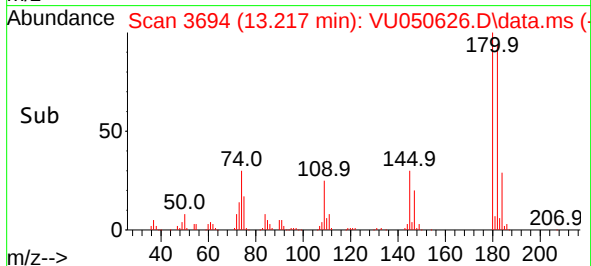
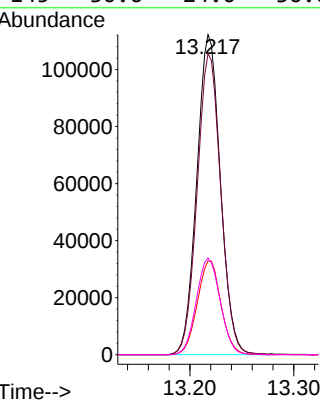
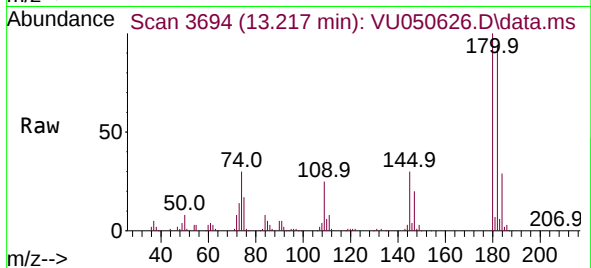
Ion Ratio Lower Upper

180 100

182 94.2 75.3 112.9

184 29.5 23.8 35.8

145 30.6 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 24.480 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU050626.D

Acq: 03 Sep 2022 20:42

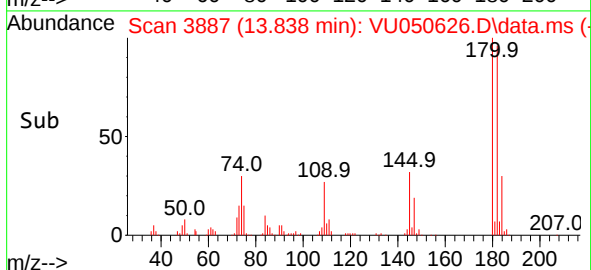
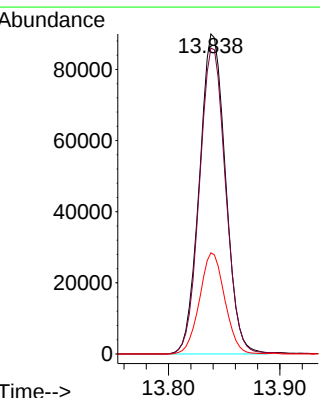
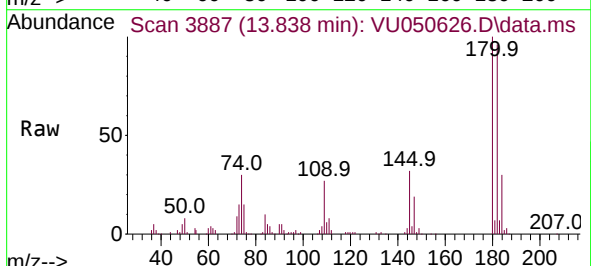
Tgt Ion:180 Resp: 146278

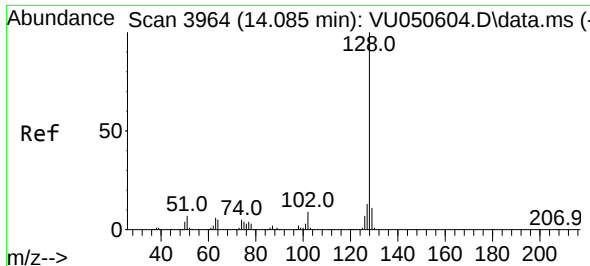
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 30.5 24.7 37.1

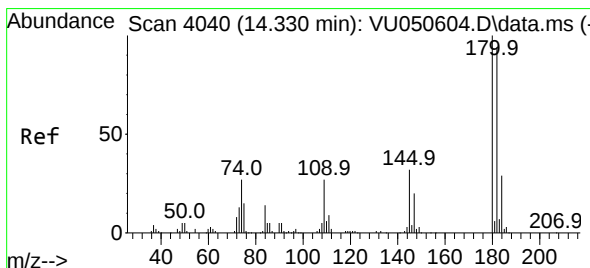
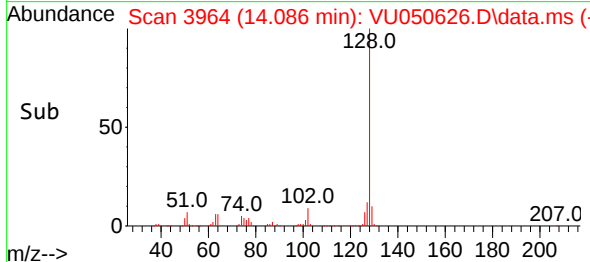
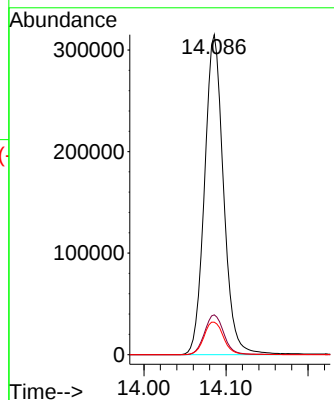
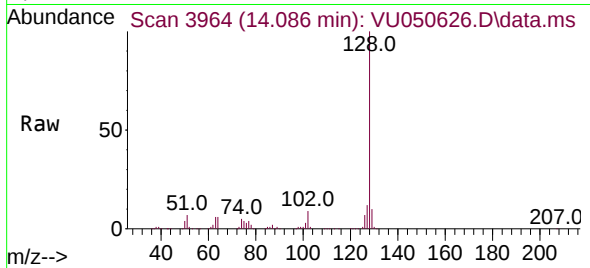




#71
Naphthalene
Concen: 23.866 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Instrument :
MSVOA_U
ClientSampleId :
DBVF5MS

Tgt Ion:	128	Resp:	505618
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.6	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 25.127 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU050626.D
Acq: 03 Sep 2022 20:42

Tgt Ion:	180	Resp:	162593
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.1	114.1
145	32.3	26.4	39.6

