

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080822\
 Data File : U050206.D
 Acq On : 10 Aug 2022 02:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:36:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	38269	5.413	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.200%
7) Chloroethane-d5	1.906	69	33990	5.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.200%
11) 1,1-Dichloroethene-d2	2.562	65	15186	5.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.000%
20) 2-Butanone-d5	4.626	46	109357	63.427	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.860%
24) Chloroform-d	5.063	84	77468	5.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.800%
26) 1,2-Dichloroethane-d4	5.703	65	38232	5.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.726	84	148859	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.690	67	49825	5.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.000%
41) Toluene-d8	7.899	98	133226	5.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	8.179	79	15412	4.838	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.632	63	80721	71.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.920%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42855	5.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43180	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	37650	4.834	ug/L	98
3) Chloromethane	1.517	50	47950	4.706	ug/L	99
5) Vinyl chloride	1.601	62	45036	4.934	ug/L	99
6) Bromomethane	1.851	94	18110	3.108	ug/L	98
8) Chloroethane	1.929	64	27955	5.198	ug/L	98
9) Trichlorofluoromethane	2.134	101	50789	5.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	28217	5.075	ug/L	96
12) 1,1-Dichloroethene	2.575	96	29479	5.020	ug/L	90
13) Acetone	2.630	43	57751	60.146	ug/L	91
14) Carbon disulfide	2.790	76	106013	5.054	ug/L	99
15) Methyl Acetate	2.951	43	15746	6.006	ug/L	92
16) Methylene chloride	3.044	84	43931	4.896	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	76310	4.979	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	31969	4.862	ug/L	97
19) 1,1-Dichloroethane	3.867	63	64285	5.163	ug/L	99
21) 2-Butanone	4.703	43	97913	56.708	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	38176	5.231	ug/L	98
23) Bromochloromethane	4.973	128	18014	5.164	ug/L	95
25) Chloroform	5.089	83	68332	5.148	ug/L	99

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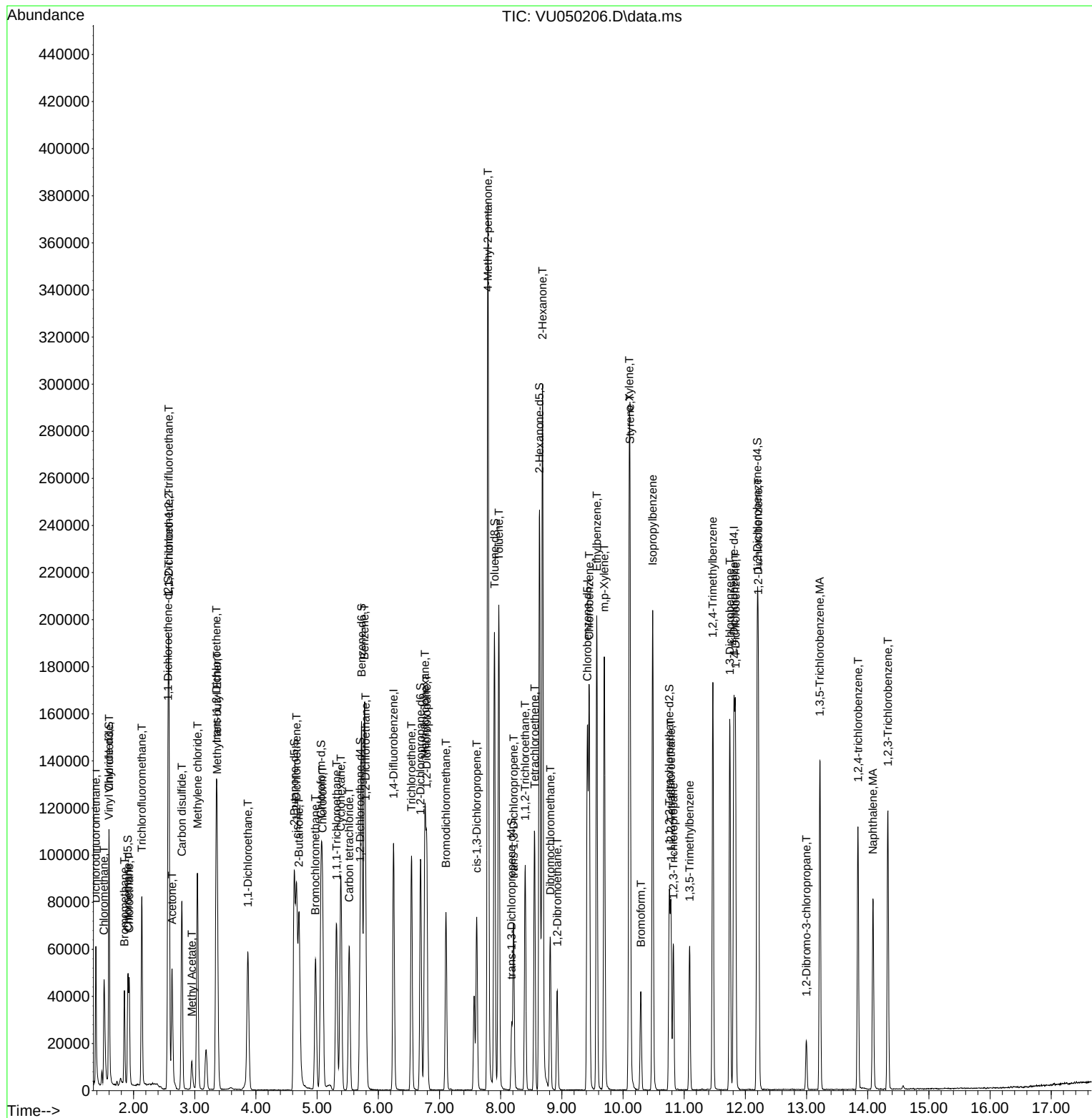
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	42484	5.259	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	52785	4.974	ug/L	99
30) Cyclohexane	5.388	56	42015	4.544	ug/L	98
31) Carbon tetrachloride	5.523	117	41779	4.803	ug/L	96
33) Benzene	5.774	78	146484	4.833	ug/L	100
34) Trichloroethene	6.543	95	34746	4.740	ug/L	98
35) Methylcyclohexane	6.764	83	40741	4.305	ug/L	97
37) 1,2-Dichloropropane	6.790	63	41432	5.132	ug/L	99
38) Bromodichloromethane	7.105	83	49527	5.050	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	45016	4.273	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	234859	50.226	ug/L	99
42) Toluene	7.970	91	152014	5.001	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	40006	4.427	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	30148	4.996	ug/L	96
47) Tetrachloroethene	8.555	164	24517	4.668	ug/L	93
48) 2-Hexanone	8.684	43	179783	49.710	ug/L	97
49) Dibromochloromethane	8.813	129	33182	4.968	ug/L	100
50) 1,2-Dibromoethane	8.925	107	27968	5.111	ug/L	96
51) Chlorobenzene	9.446	112	90401	4.727	ug/L	97
52) Ethylbenzene	9.571	91	138648	4.674	ug/L	99
53) m,p-Xylene	9.694	106	52739	4.828	ug/L	98
54) o-Xylene	10.102	106	52638	4.827	ug/L	100
55) Styrene	10.115	104	88647	4.866	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	39796	5.018	ug/L	99
59) Bromoform	10.292	173	18828	4.589	ug/L	98
60) Isopropylbenzene	10.484	105	129737	4.748	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27264	4.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	33210	4.302	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	94565	4.496	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	64868	4.710	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	64335	4.801	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	64091	4.806	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5790	5.299	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	43598	4.444	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34831	4.686	ug/L	99
71) Naphthalene	14.086	128	67558	4.432	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	36972	4.907	ug/L	100

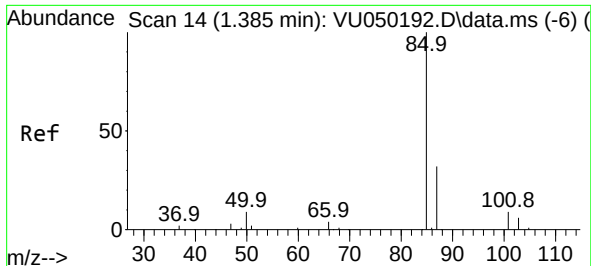
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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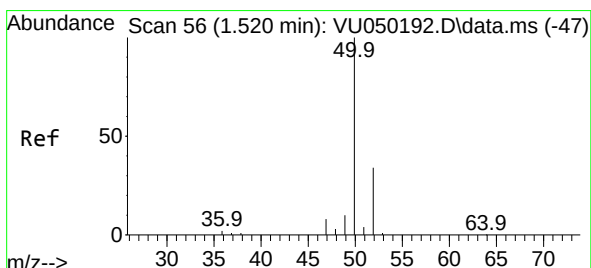
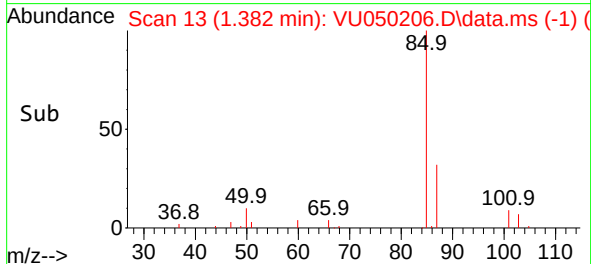
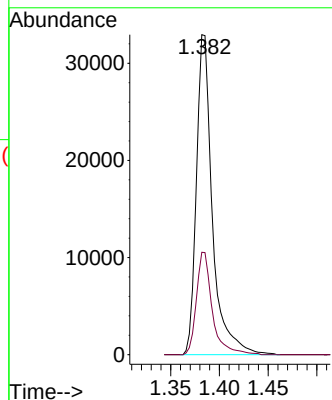
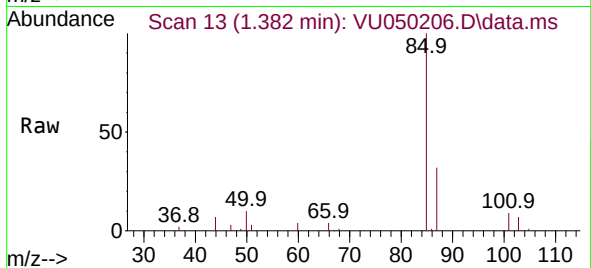




#2
Dichlorodifluoromethane
Concen: 4.834 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

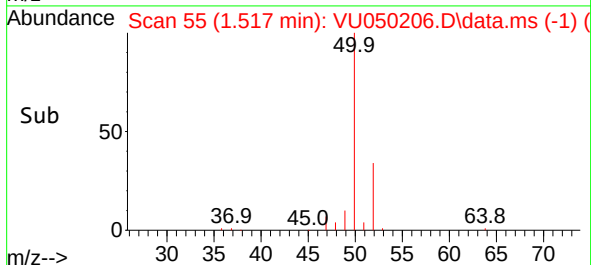
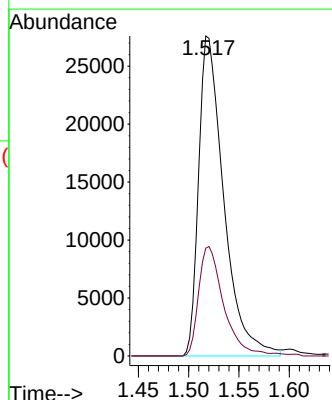
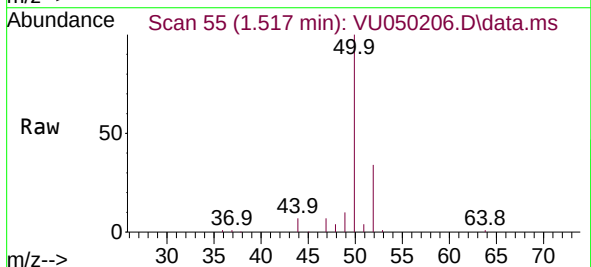
Instrument :
MSVOA_U
ClientSampleId :

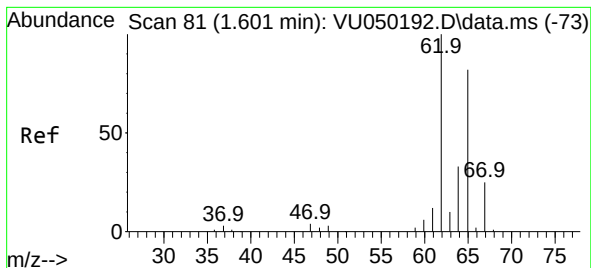
Tgt Ion: 85 Resp: 37650
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4



#3
Chloromethane
Concen: 4.706 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 50 Resp: 47950
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2





#5

Vinyl chloride

Concen: 4.934 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

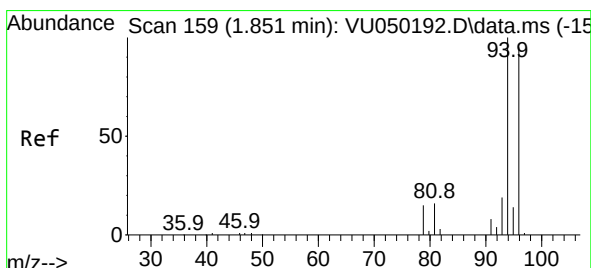
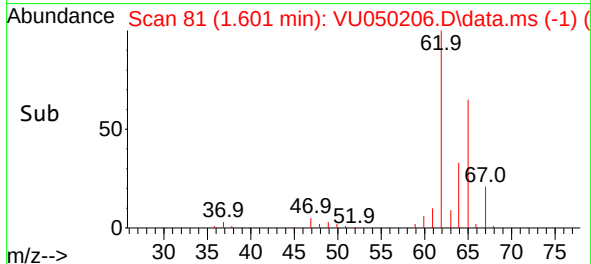
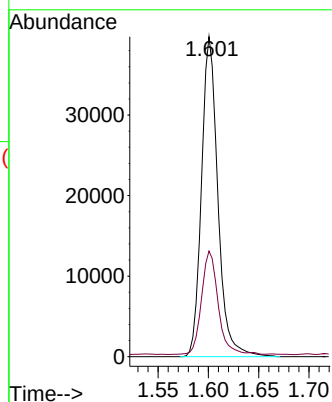
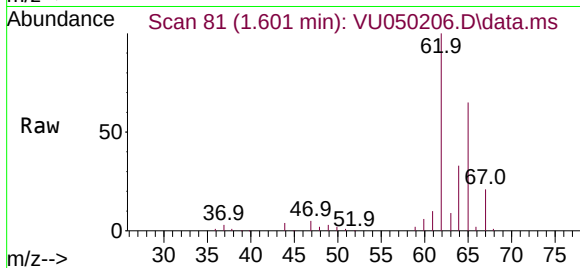
ClientSampleId :

Tgt Ion: 62 Resp: 45036

Ion Ratio Lower Upper

62 100

64 33.0 22.8 42.4



#6

Bromomethane

Concen: 3.108 ug/L

RT: 1.851 min Scan# 159

Delta R.T. 0.000 min

Lab File: VU050206.D

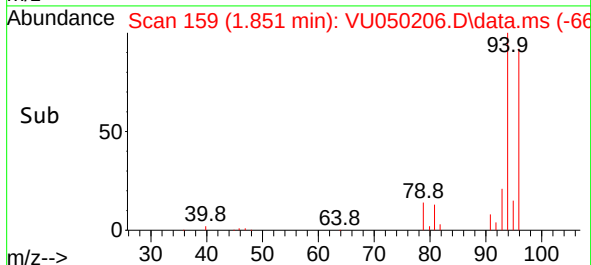
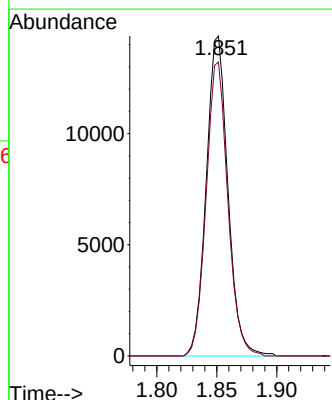
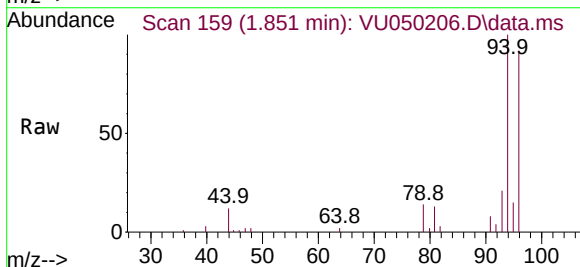
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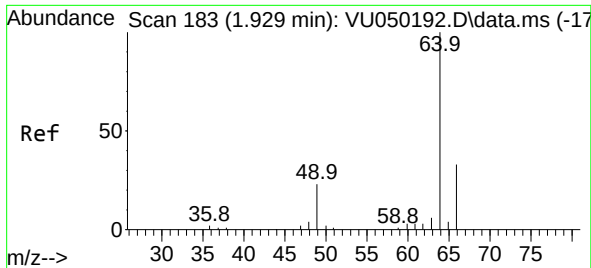
Tgt Ion: 94 Resp: 18110

Ion Ratio Lower Upper

94 100

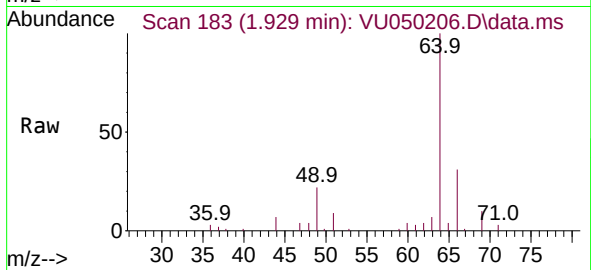
96 91.9 65.3 121.3



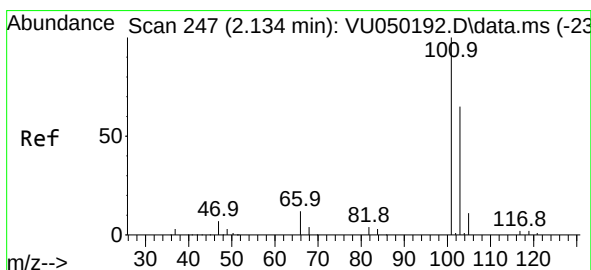
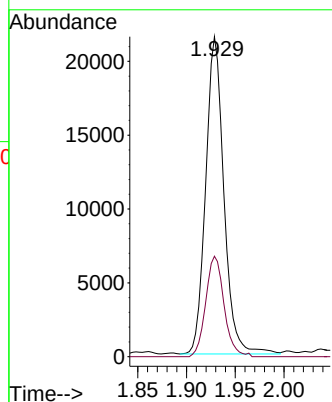
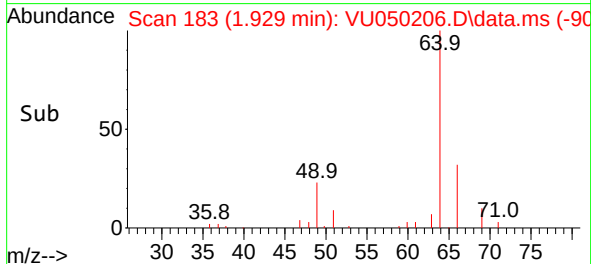


#8
Chloroethane
Concen: 5.198 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Instrument :
MSVOA_U
ClientSampleId :

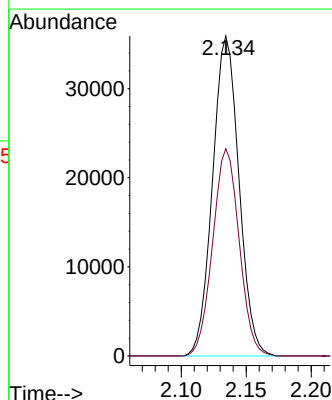
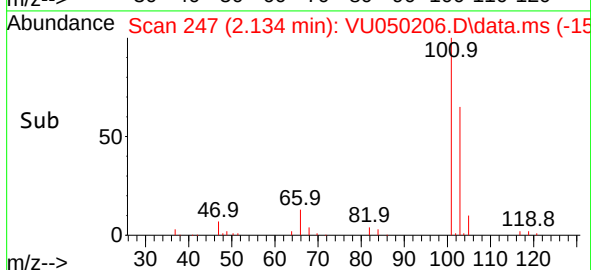
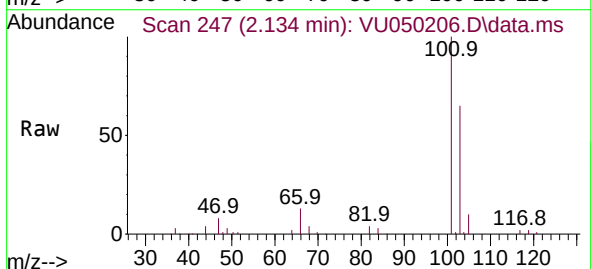


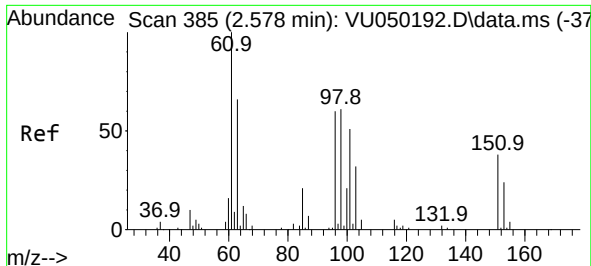
Tgt Ion: 64 Resp: 27955
Ion Ratio Lower Upper
64 100
66 31.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.081 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 101 Resp: 50789
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

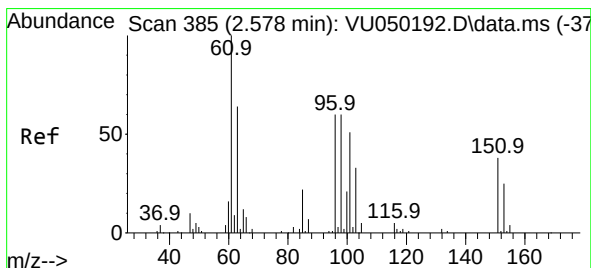
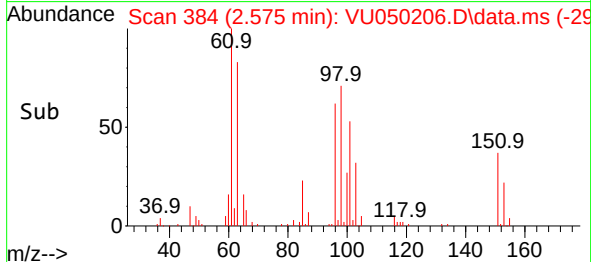
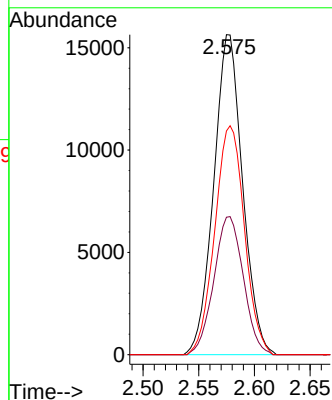
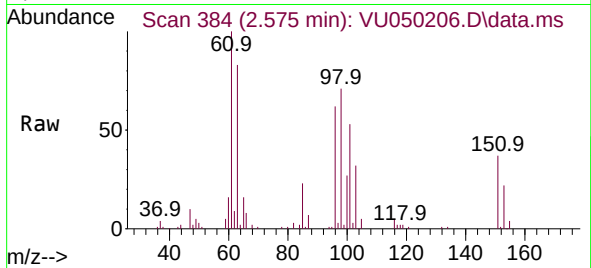




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.075 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050206.D
 Acq: 10 Aug 2022 02:27

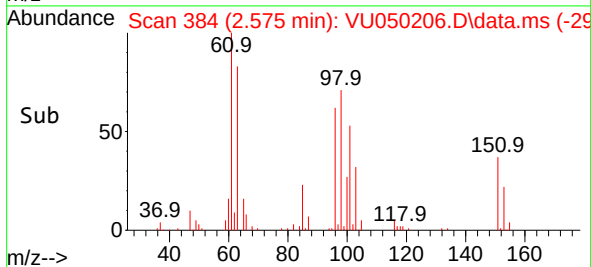
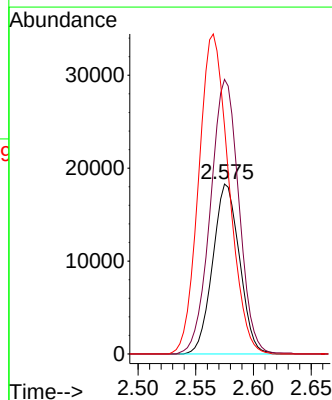
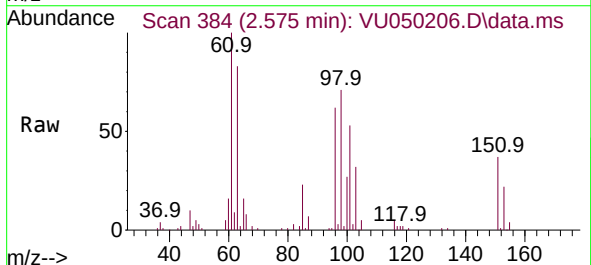
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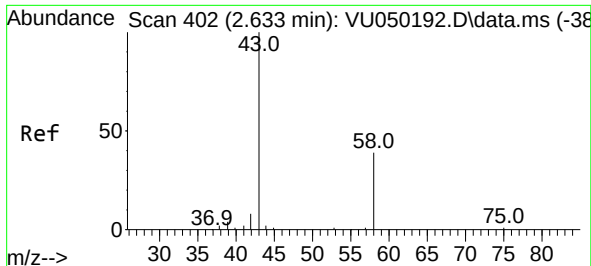
Tgt Ion:	101	Resp:	28217
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.6	53.4
151	73.5	55.2	82.8



#12
 1,1-Dichloroethene
 Concen: 5.020 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050206.D
 Acq: 10 Aug 2022 02:27

Tgt Ion:	96	Resp:	29479
Ion	Ratio	Lower	Upper
96	100		
61	161.6	122.7	227.9
63	134.2	85.1	158.1





#13

Acetone

Concen: 60.146 ug/L

RT: 2.630 min Scan# 402

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

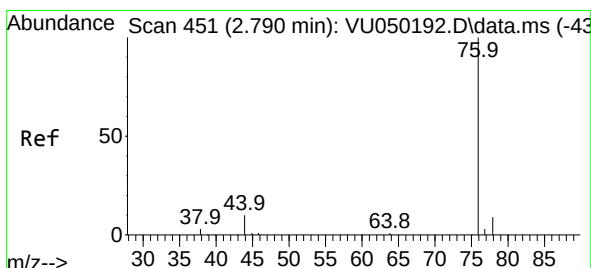
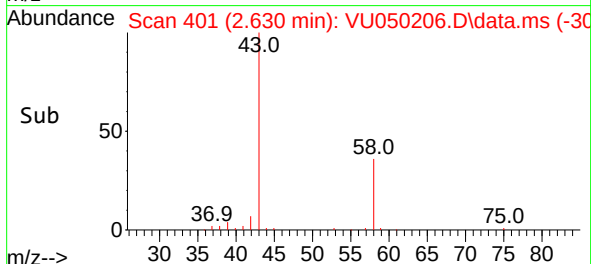
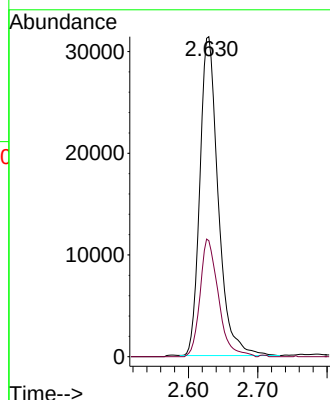
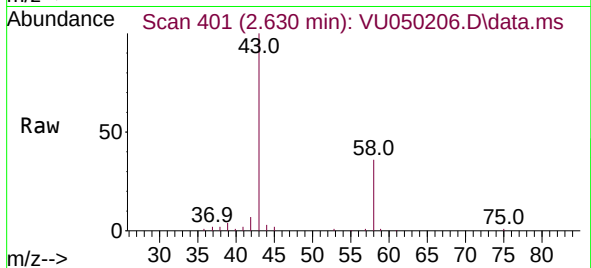
ClientSampleId :

Tgt Ion: 43 Resp: 57751

Ion Ratio Lower Upper

43 100

58 36.8 0.0 64.0



#14

Carbon disulfide

Concen: 5.054 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050206.D

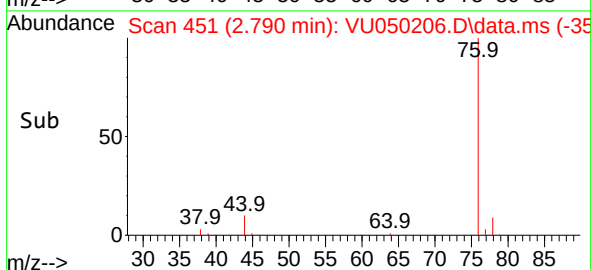
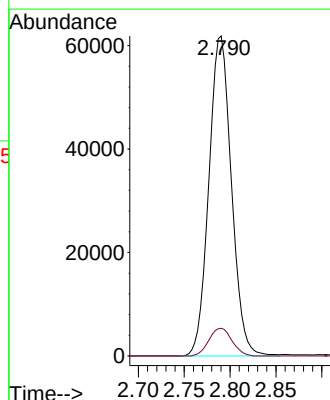
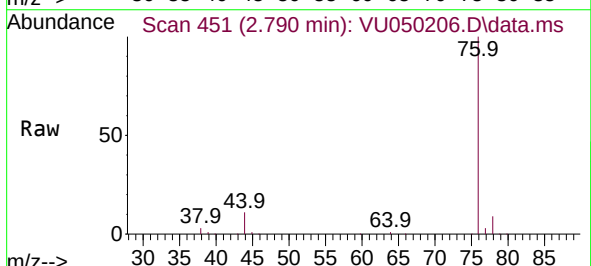
Acq: 10 Aug 2022 02:27

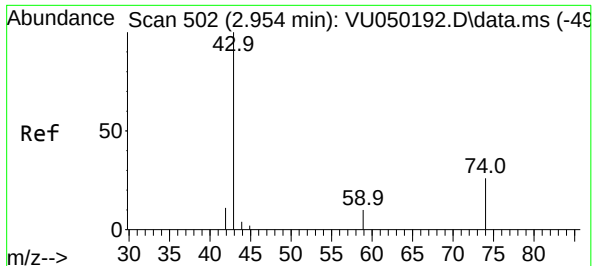
Tgt Ion: 76 Resp: 106013

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

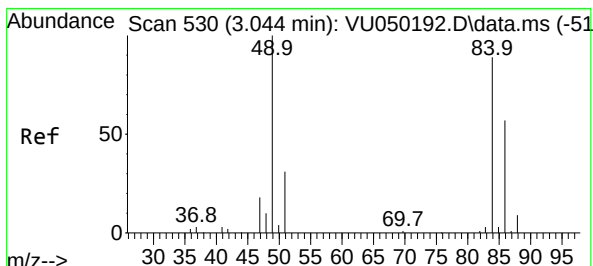
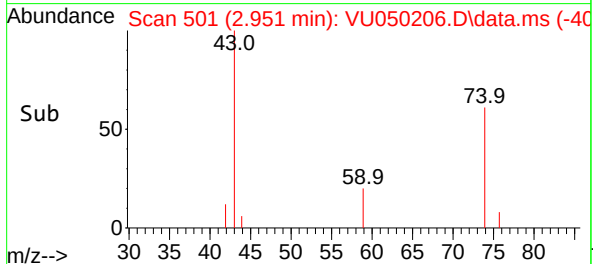
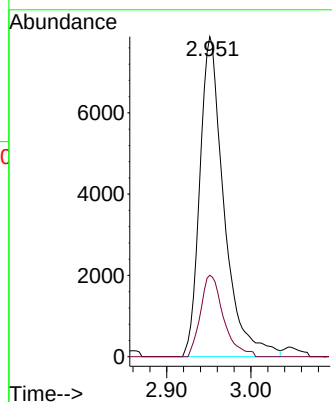
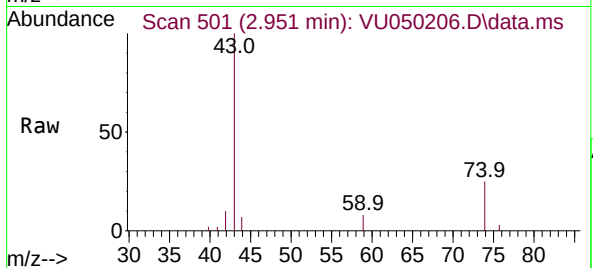




#15
Methyl Acetate
Concen: 6.006 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

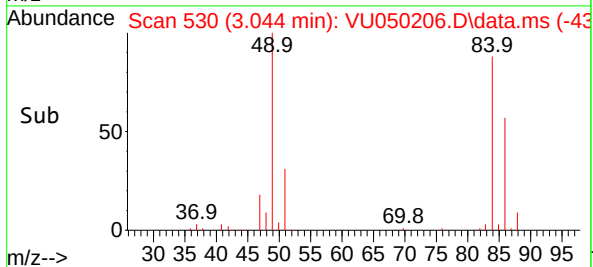
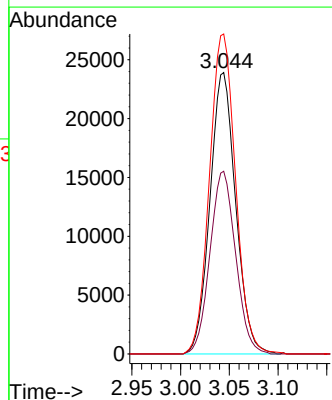
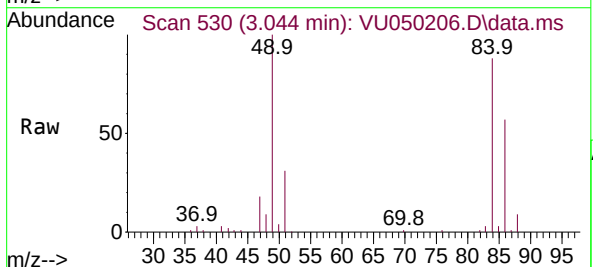
Instrument :
MSVOA_U
ClientSampleId :

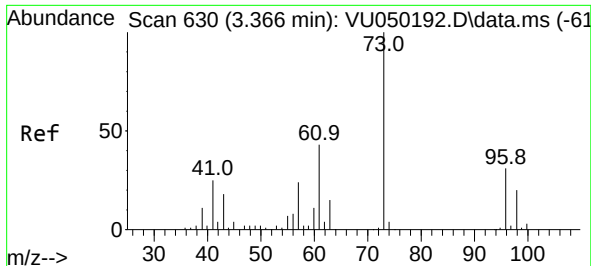
Tgt Ion: 43 Resp: 15746
Ion Ratio Lower Upper
43 100
74 24.1 22.7 34.1



#16
Methylene chloride
Concen: 4.896 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 84 Resp: 43931
Ion Ratio Lower Upper
84 100
86 64.9 45.9 85.3
49 113.7 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 4.979 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050206.D

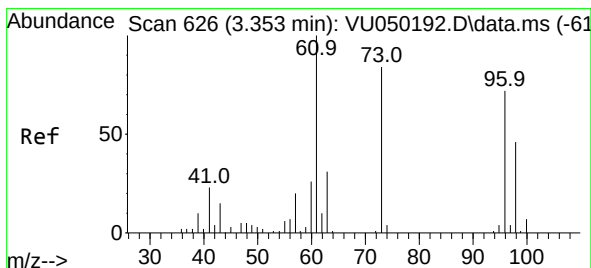
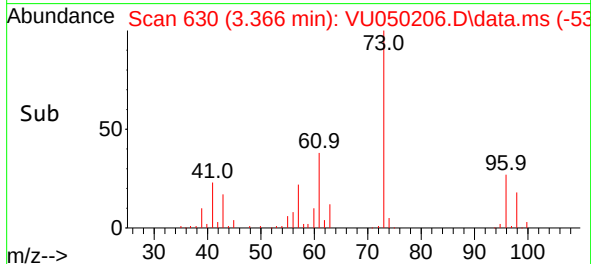
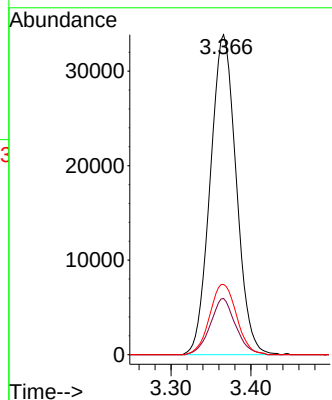
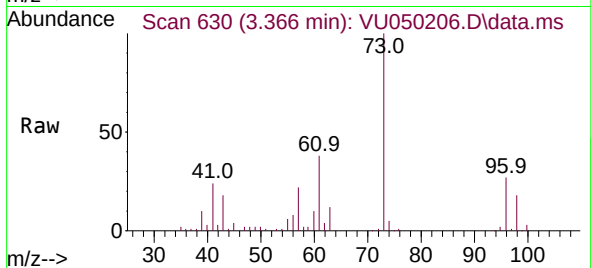
Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 76310
Ion Ratio	Lower Upper
73 100	
43 17.2	13.5 20.3
57 22.9	17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 4.862 ug/L

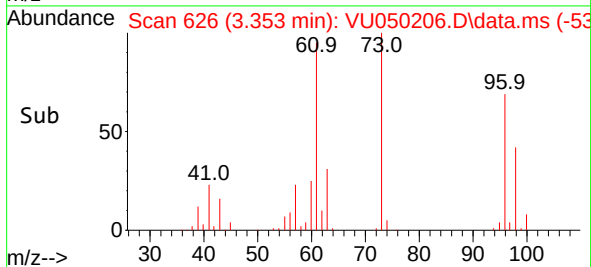
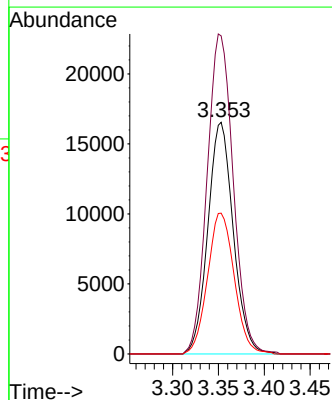
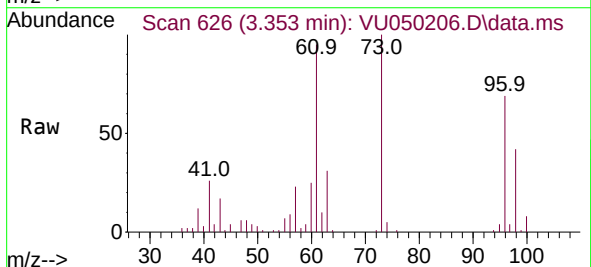
RT: 3.353 min Scan# 626

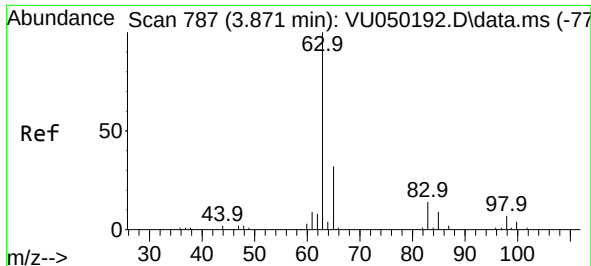
Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Tgt Ion: 96	Resp: 31969
Ion Ratio	Lower Upper
96 100	
61 137.3	92.3 171.5
98 60.8	43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.163 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

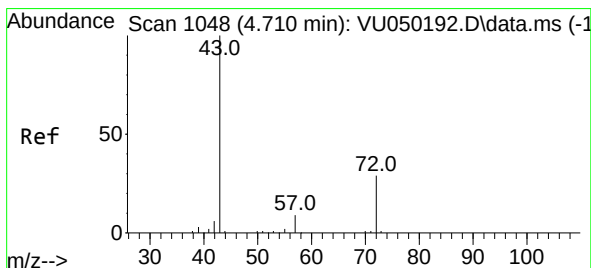
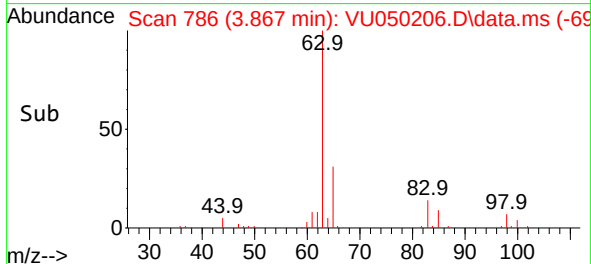
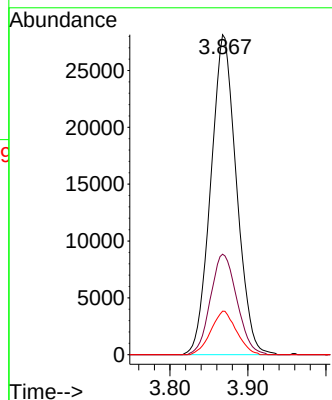
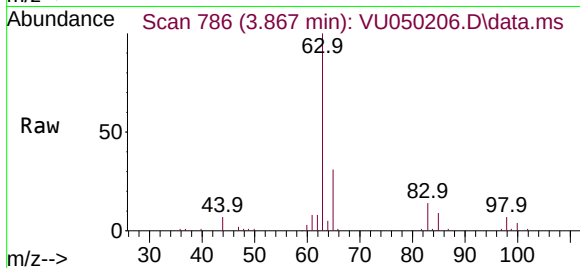
Tgt Ion: 63 Resp: 64285

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 13.6 9.8 18.2



#21

2-Butanone

Concen: 56.708 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU050206.D

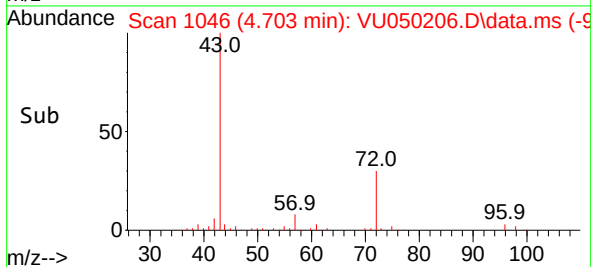
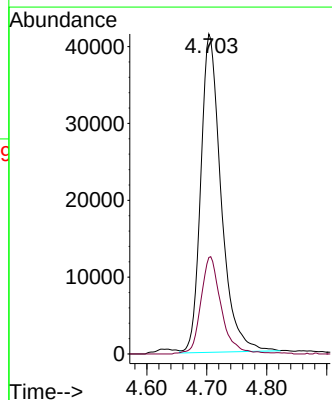
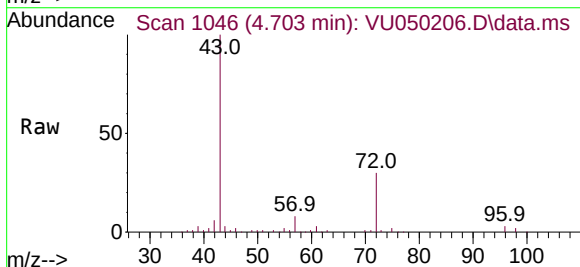
Acq: 10 Aug 2022 02:27

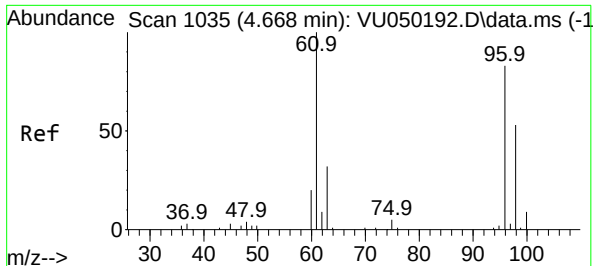
Tgt Ion: 43 Resp: 97913

Ion Ratio Lower Upper

43 100

72 30.3 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 5.231 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

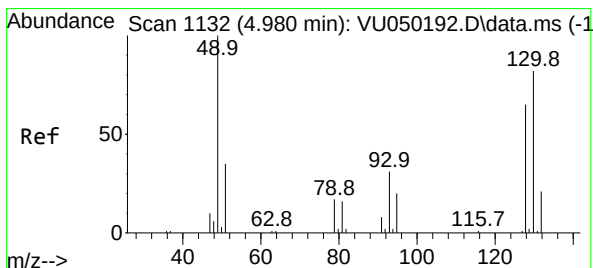
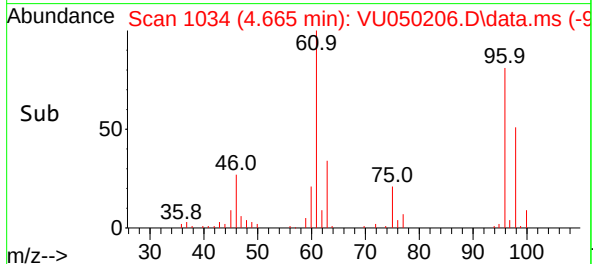
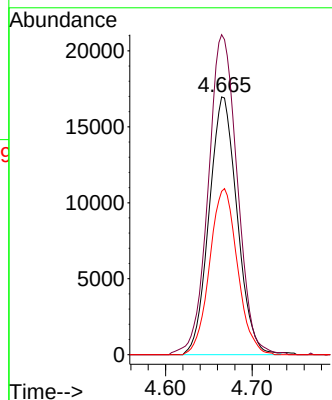
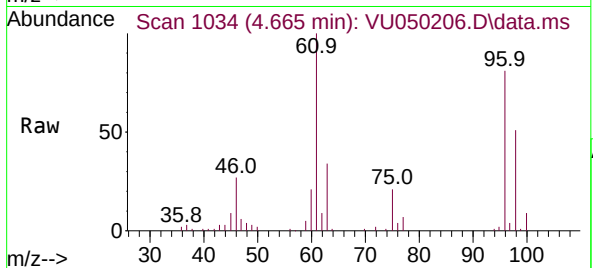
Tgt Ion: 96 Resp: 38176

Ion Ratio Lower Upper

96 100

61 124.1 89.0 165.4

98 63.4 45.2 84.0



#23

Bromochloromethane

Concen: 5.164 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Tgt Ion: 128 Resp: 18014

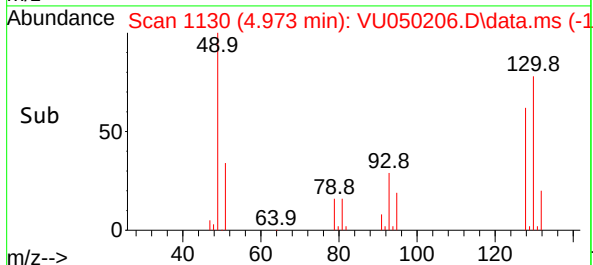
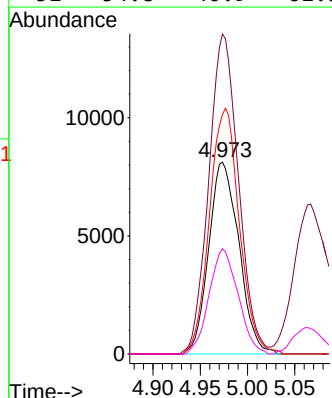
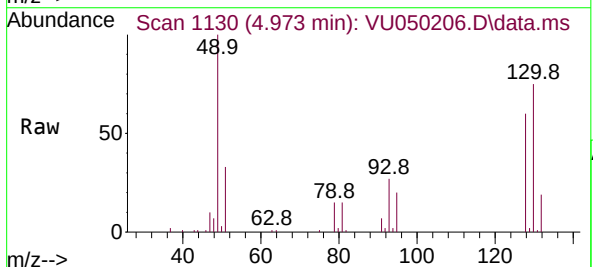
Ion Ratio Lower Upper

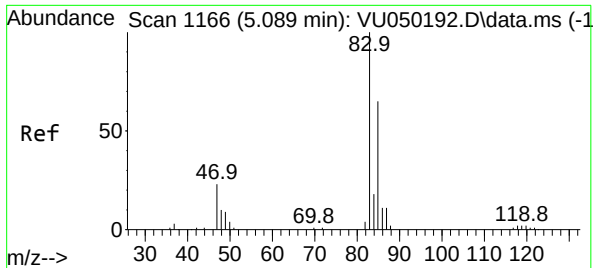
128 100

49 166.8 111.4 206.8

130 124.7 90.2 167.4

51 54.8 40.9 61.3

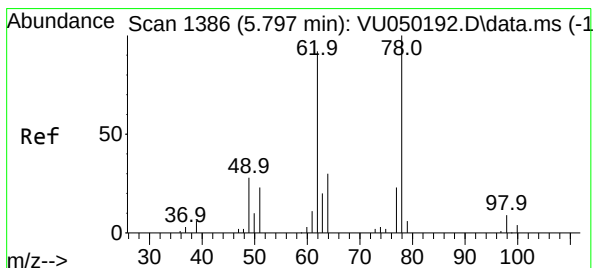
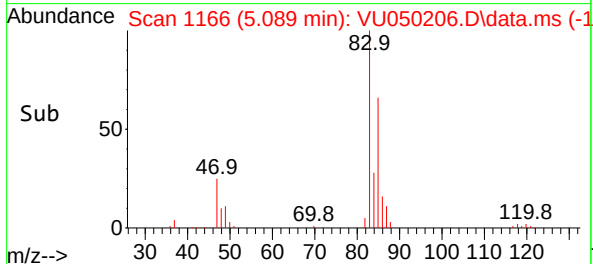
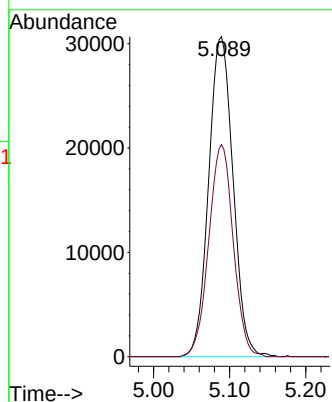
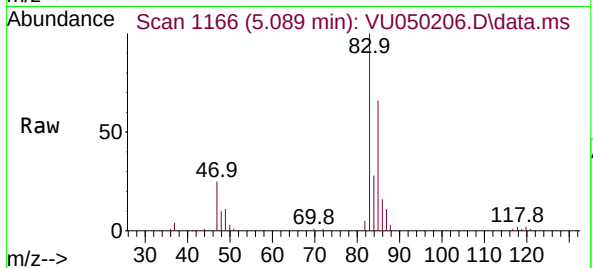




#25
Chloroform
Concen: 5.148 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

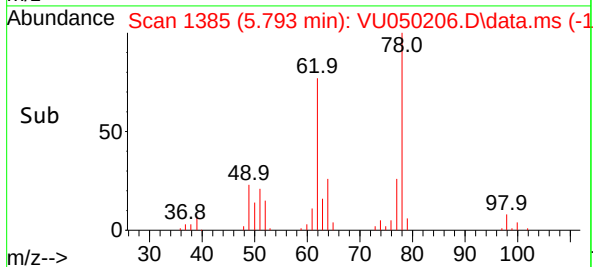
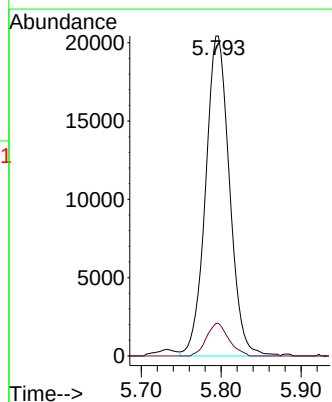
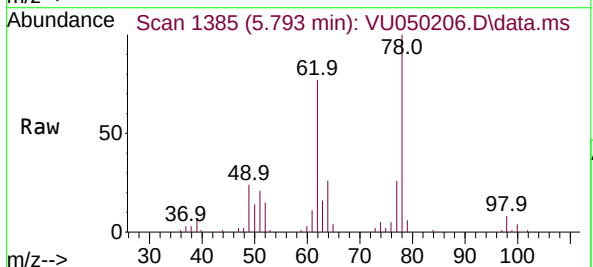
Instrument :
MSVOA_U
ClientSampleId :

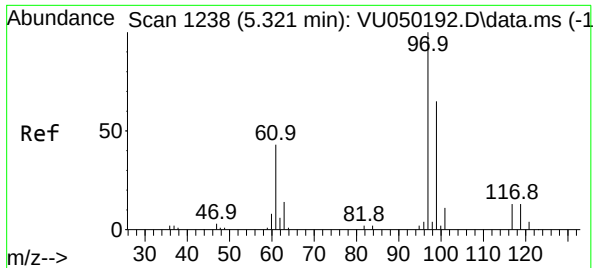
Tgt Ion: 83 Resp: 68332
Ion Ratio Lower Upper
83 100
85 66.3 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.259 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 62 Resp: 42484
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.974 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

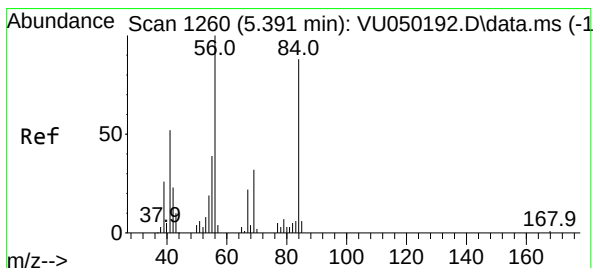
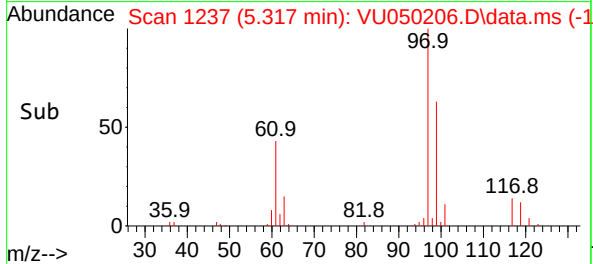
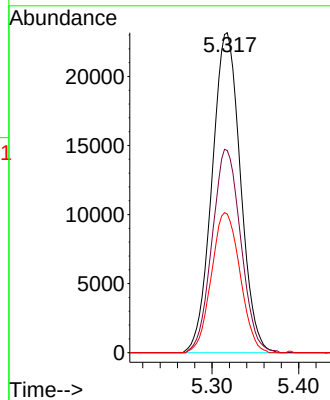
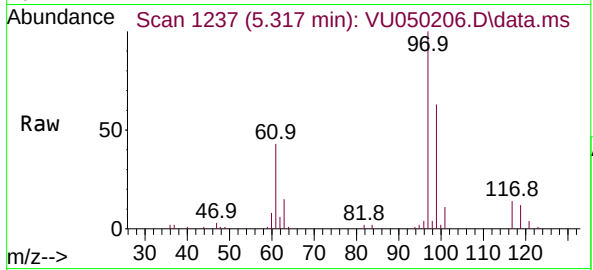
Tgt Ion: 97 Resp: 52785

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 44.1 34.2 51.4



#30

Cyclohexane

Concen: 4.544 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

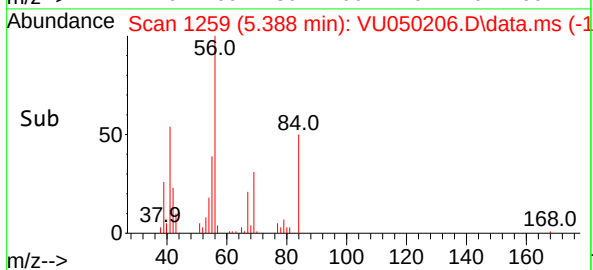
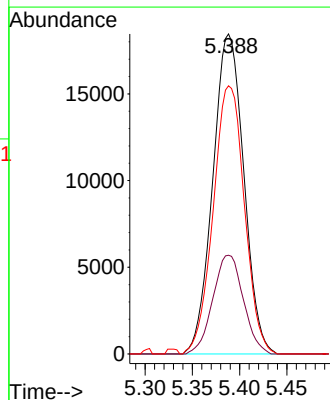
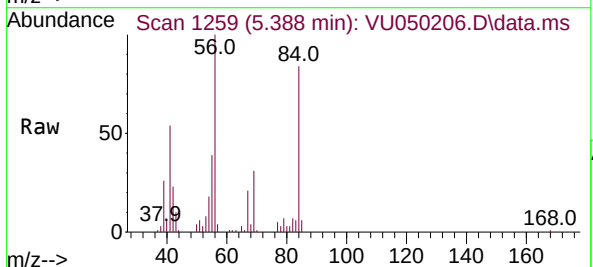
Tgt Ion: 56 Resp: 42015

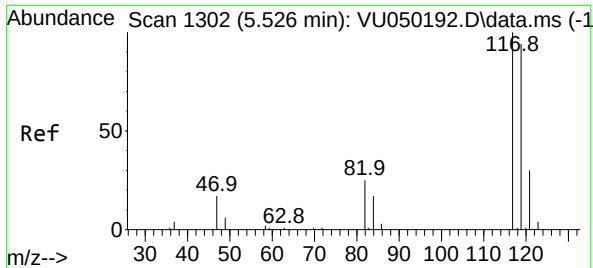
Ion Ratio Lower Upper

56 100

69 30.4 24.6 37.0

84 84.5 69.1 103.7

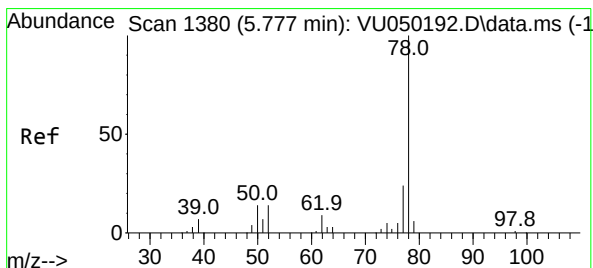
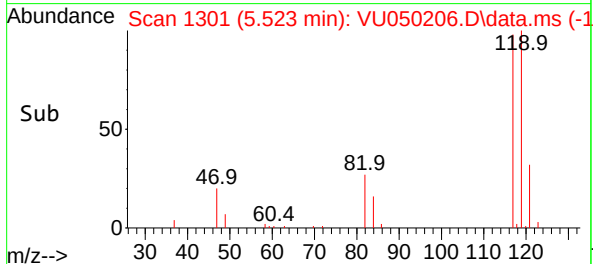
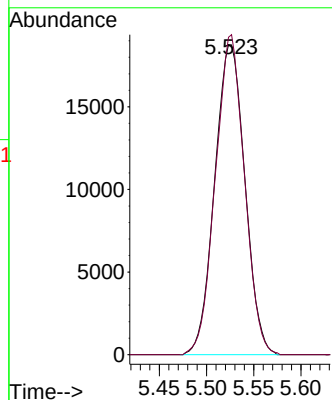
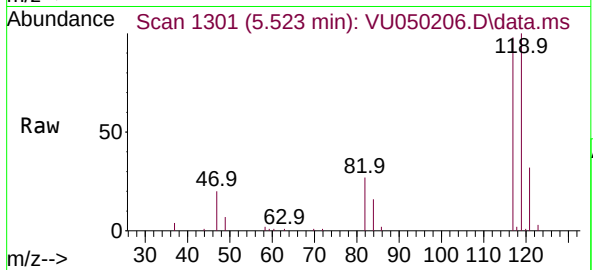




#31
Carbon tetrachloride
Concen: 4.803 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

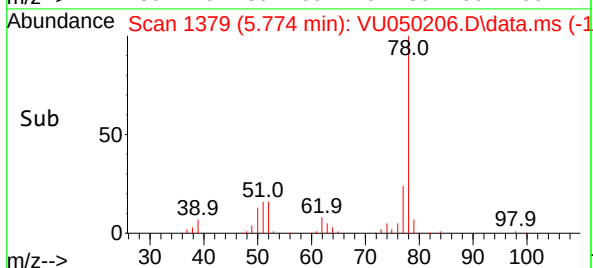
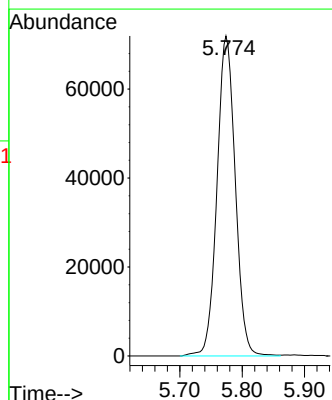
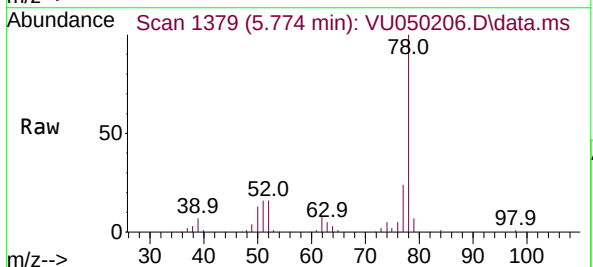
Instrument :
MSVOA_U
ClientSampleId :

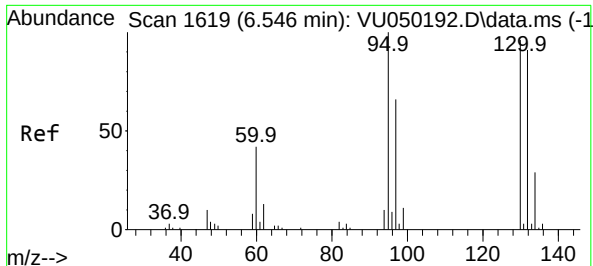
Tgt Ion:117 Resp: 41779
Ion Ratio Lower Upper
117 100
119 99.0 76.0 114.0



#33
Benzene
Concen: 4.833 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 78 Resp: 146484

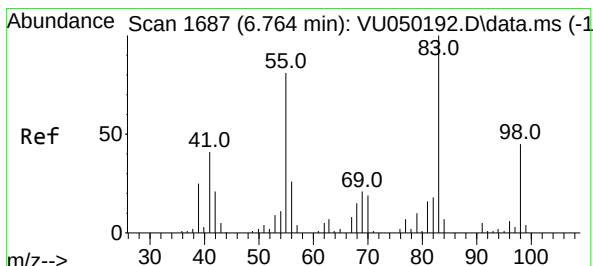
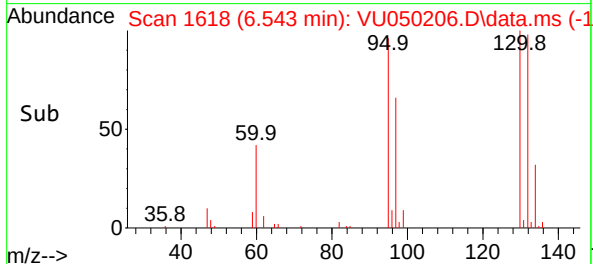
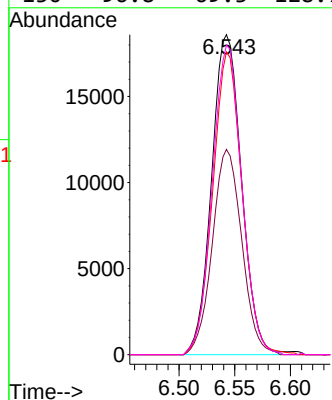
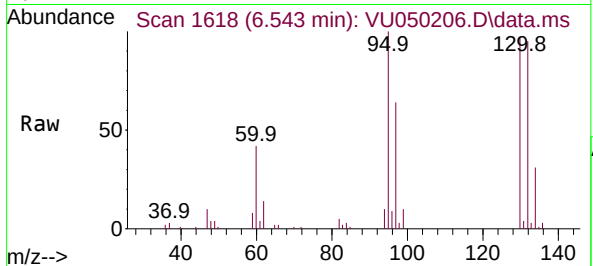




#34
Trichloroethene
Concen: 4.740 ug/L
RT: 6.543 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

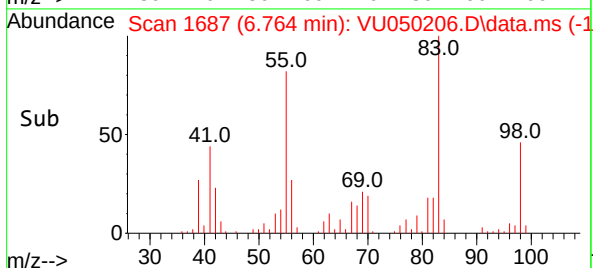
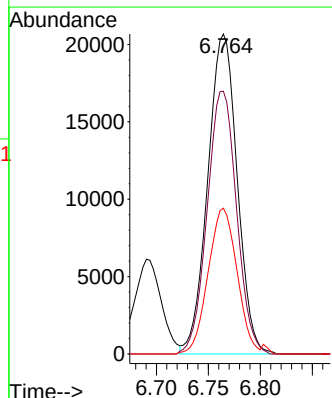
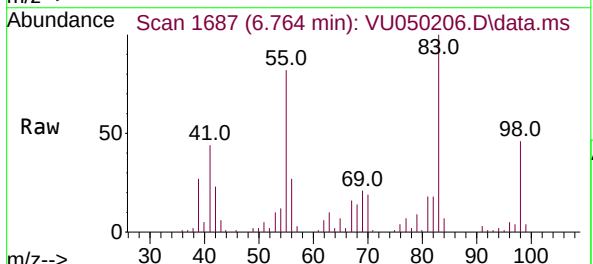
Instrument :
MSVOA_U
ClientSampleId :

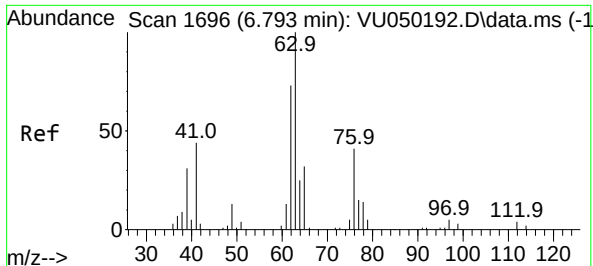
Tgt Ion: 95 Resp: 34746
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 94.6 65.0 120.6
130 96.8 69.3 128.7



#35
Methylcyclohexane
Concen: 4.305 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 83 Resp: 40741
Ion Ratio Lower Upper
83 100
55 82.2 62.7 94.1
98 44.7 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.132 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

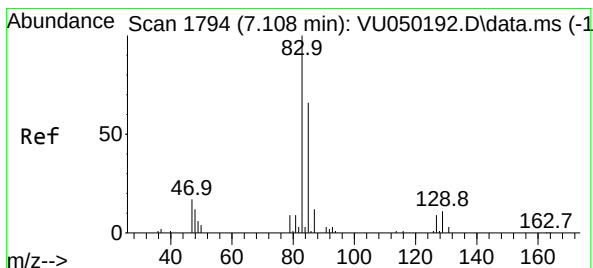
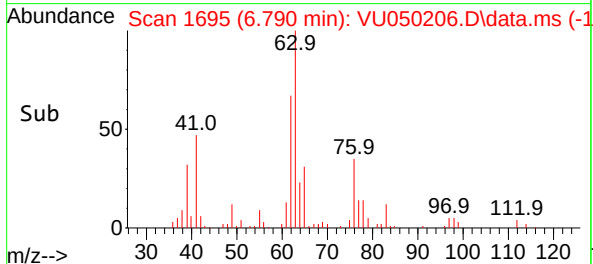
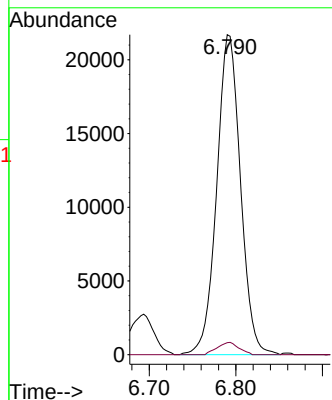
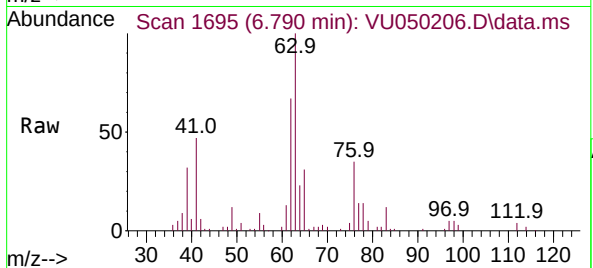
ClientSampleId :

Tgt Ion: 63 Resp: 41432

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 5.050 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

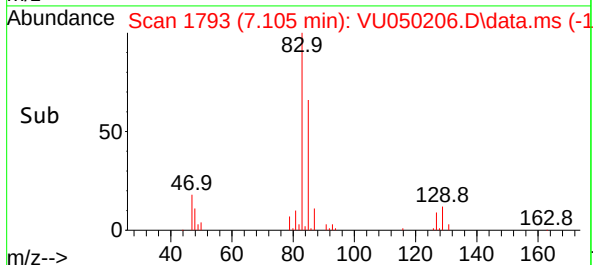
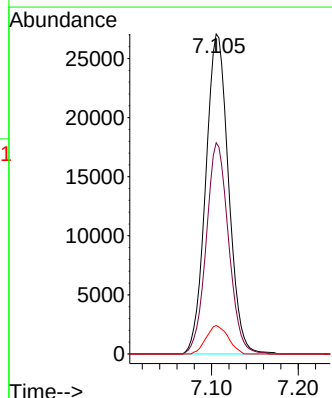
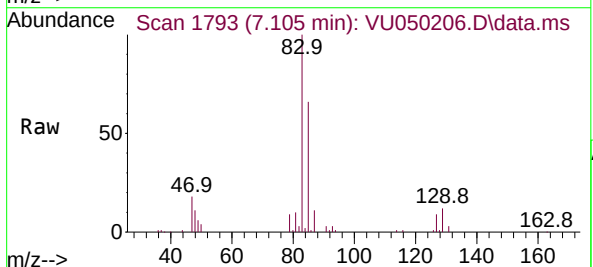
Tgt Ion: 83 Resp: 49527

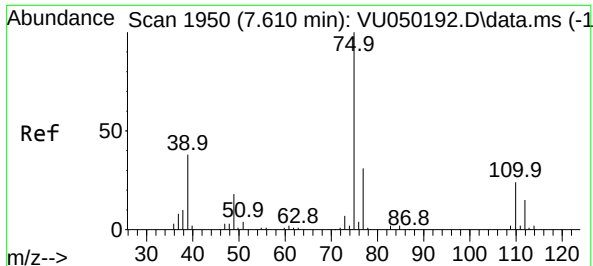
Ion Ratio Lower Upper

83 100

85 66.0 45.1 83.7

127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.273 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

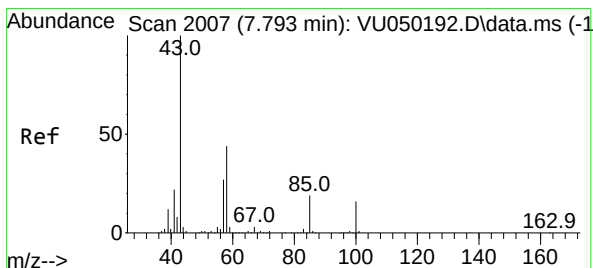
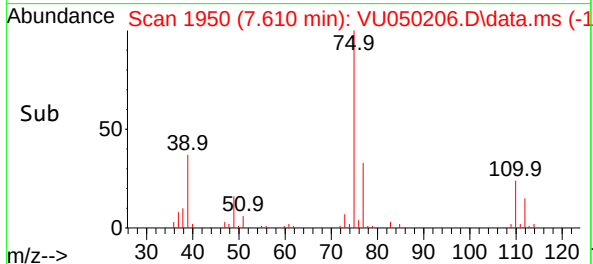
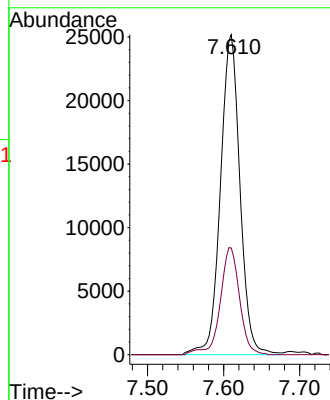
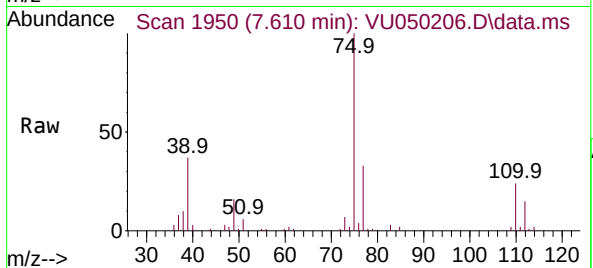
ClientSampleId :

Tgt Ion: 75 Resp: 45016

Ion Ratio Lower Upper

75 100

77 33.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 50.226 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

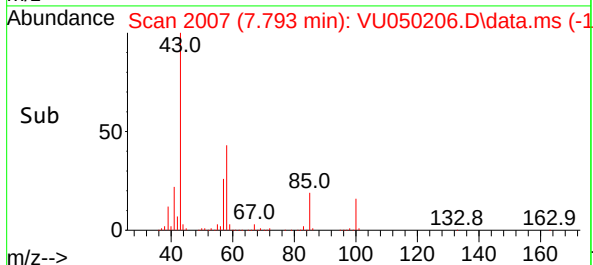
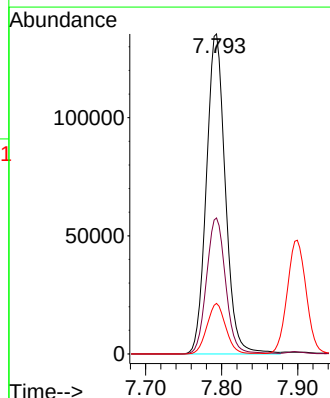
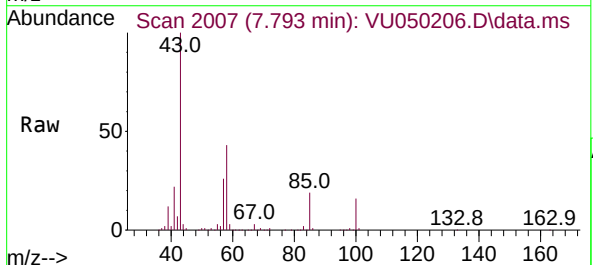
Tgt Ion: 43 Resp: 234859

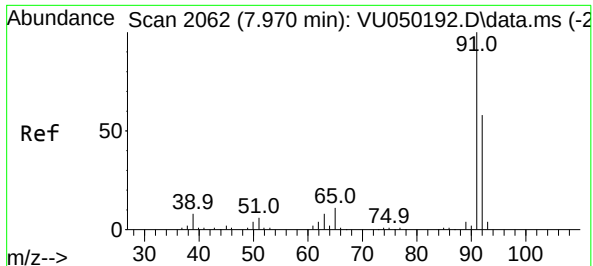
Ion Ratio Lower Upper

43 100

58 43.0 34.6 51.8

100 15.7 13.0 19.4

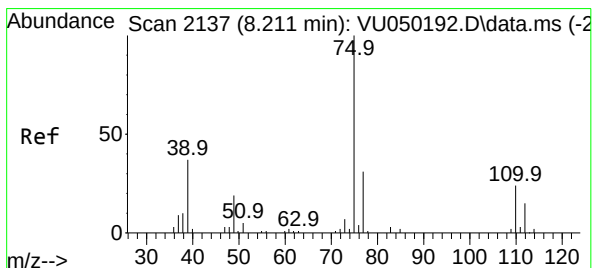
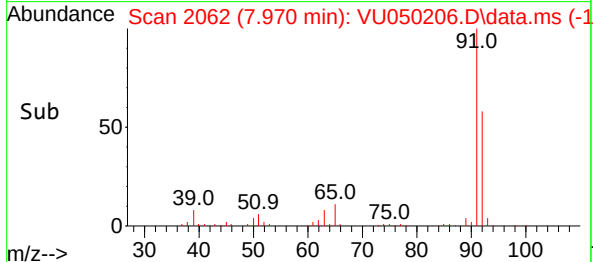
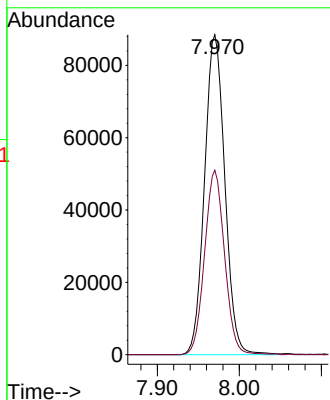
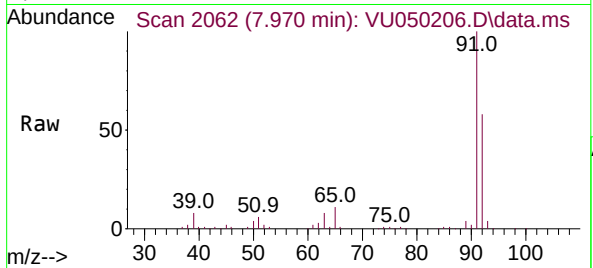




#42
Toluene
Concen: 5.001 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

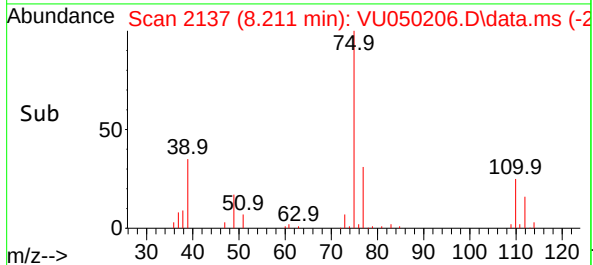
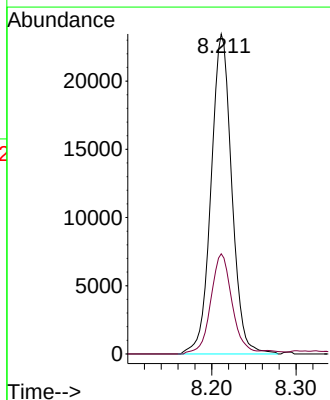
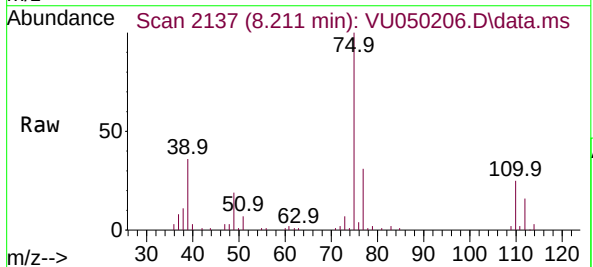
Instrument :
MSVOA_U
ClientSampleId :

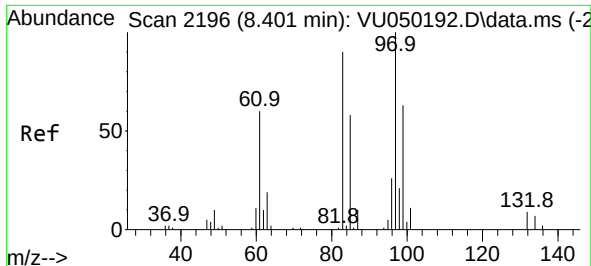
Tgt Ion: 91 Resp: 152014
Ion Ratio Lower Upper
91 100
92 57.7 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 4.427 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 75 Resp: 40006
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 4.996 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 30148

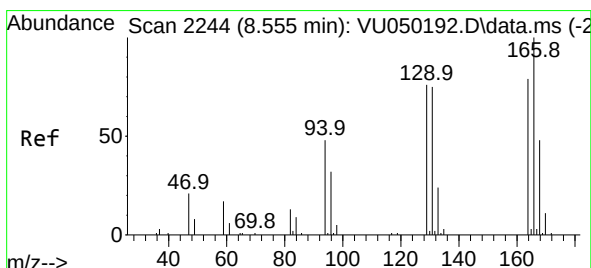
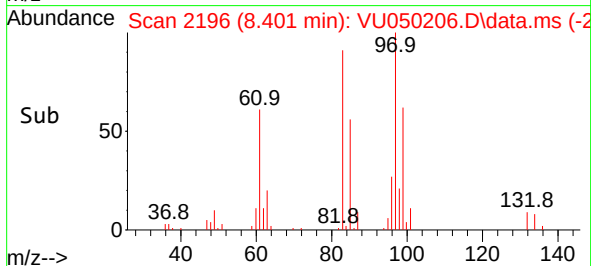
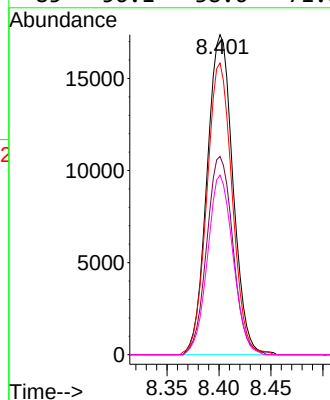
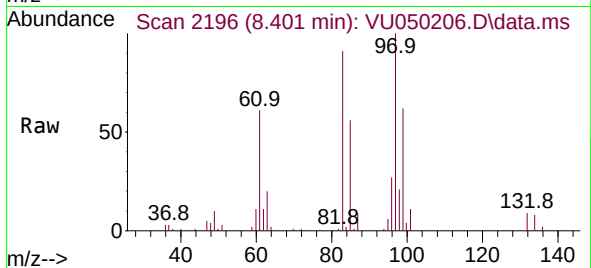
Ion Ratio Lower Upper

97 100

99 61.9 42.2 78.4

83 91.1 59.6 110.6

85 56.1 38.6 71.8



#47

Tetrachloroethene

Concen: 4.668 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Tgt Ion:164 Resp: 24517

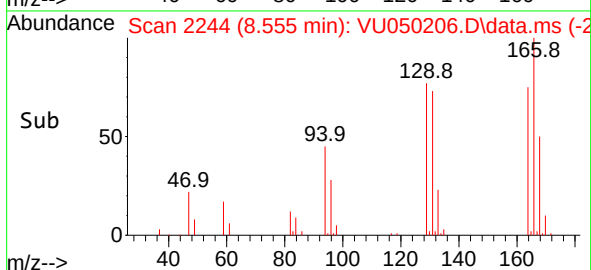
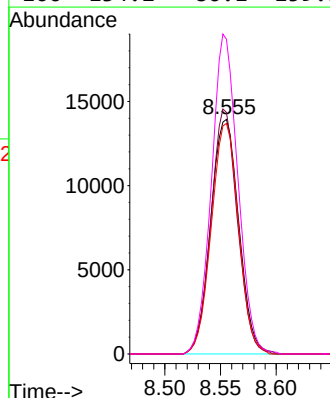
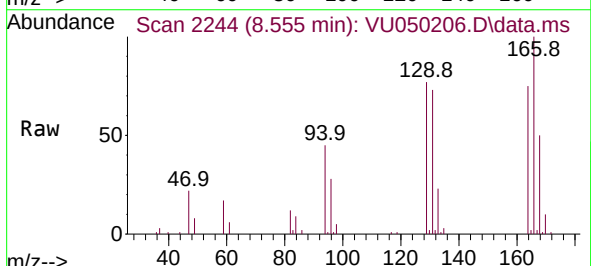
Ion Ratio Lower Upper

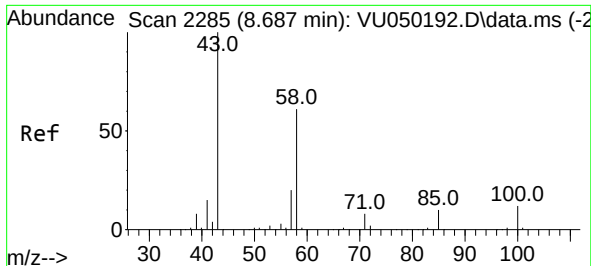
164 100

129 103.0 69.0 128.1

131 98.2 65.8 122.2

166 134.2 86.1 159.9

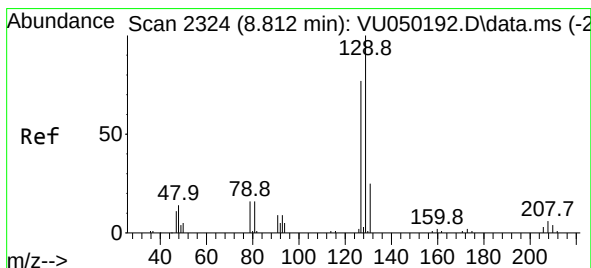
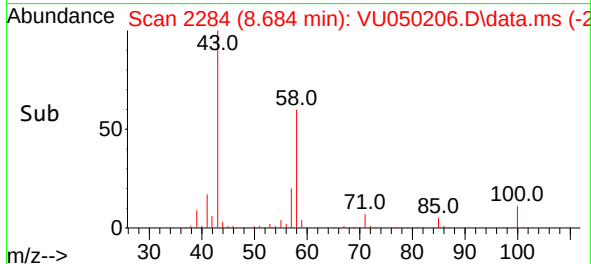
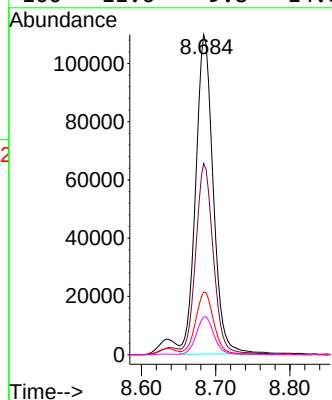
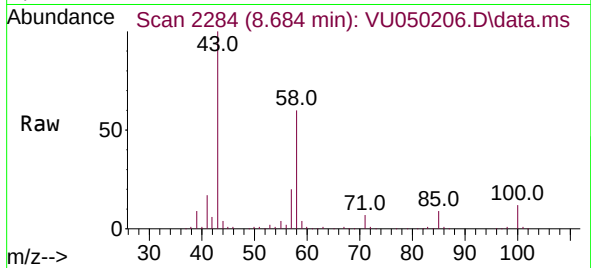




#48
2-Hexanone
Concen: 49.710 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

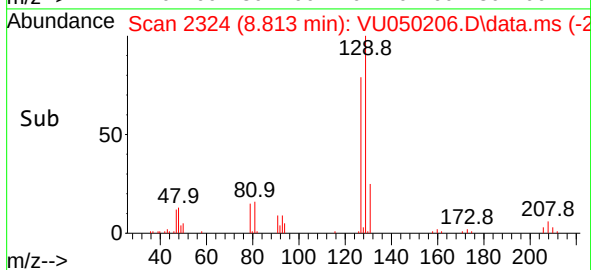
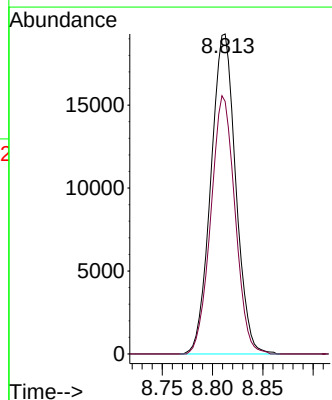
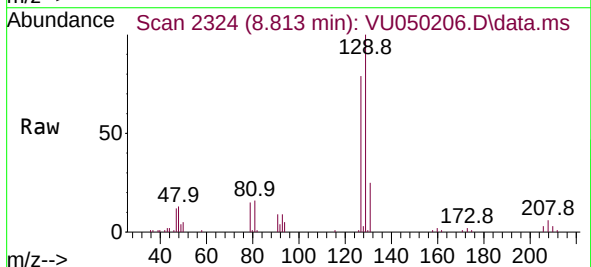
Instrument :
MSVOA_U
ClientSampleId :

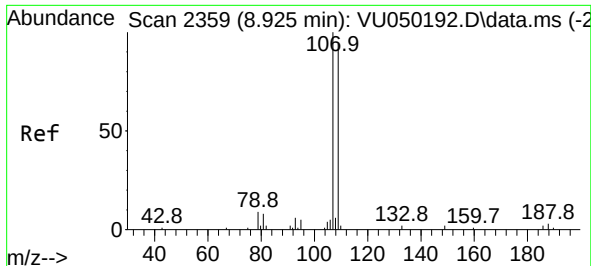
Tgt Ion: 43 Resp: 179783
Ion Ratio Lower Upper
43 100
58 59.9 50.6 76.0
57 20.7 16.0 24.0
100 11.6 9.8 14.8



#49
Dibromochloromethane
Concen: 4.968 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 129 Resp: 33182
Ion Ratio Lower Upper
129 100
127 78.9 55.3 102.7

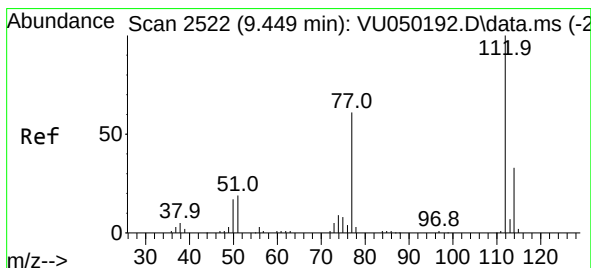
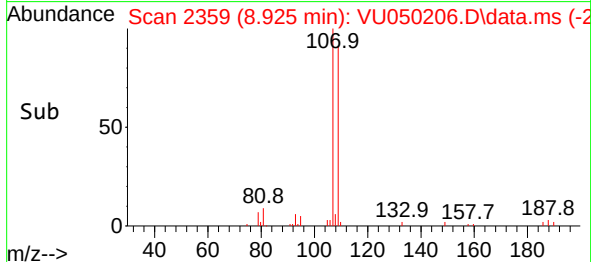
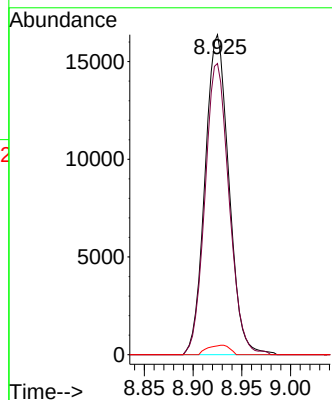
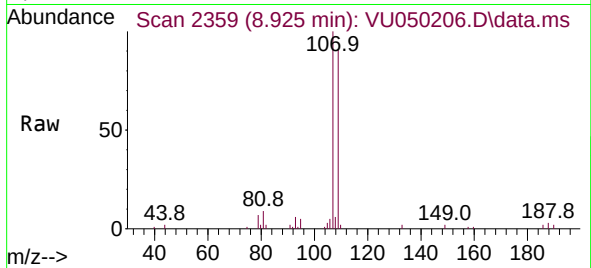




#50
1,2-Dibromoethane
Concen: 5.111 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

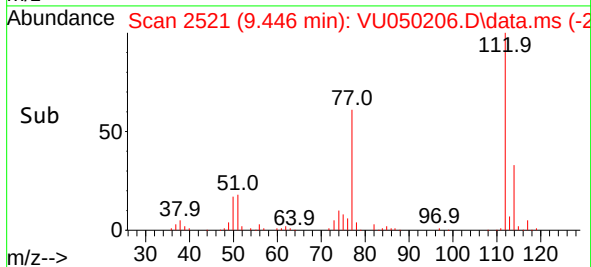
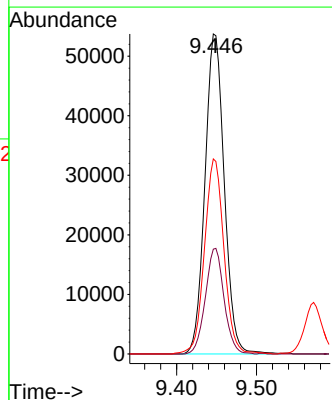
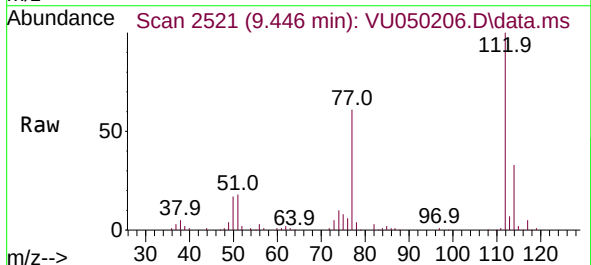
Instrument :
MSVOA_U
ClientSampleId :

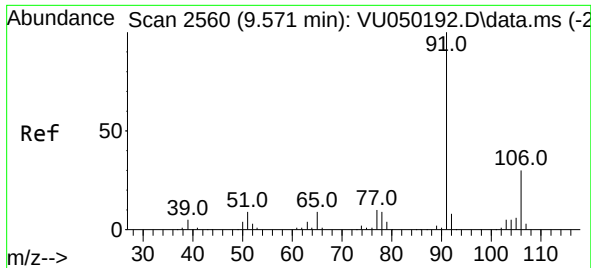
Tgt Ion:107 Resp: 27968
Ion Ratio Lower Upper
107 100
109 91.0 66.6 123.6
188 2.8 2.7 4.1



#51
Chlorobenzene
Concen: 4.727 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion:112 Resp: 90401
Ion Ratio Lower Upper
112 100
114 32.8 22.1 41.1
77 61.0 46.3 69.5

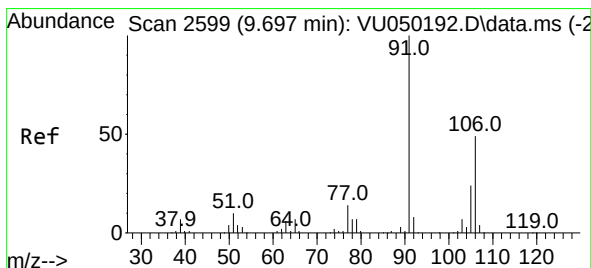
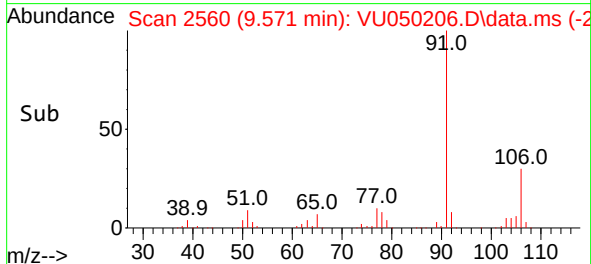
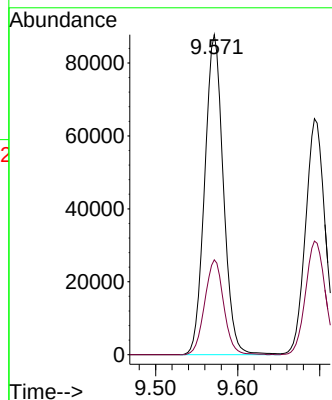
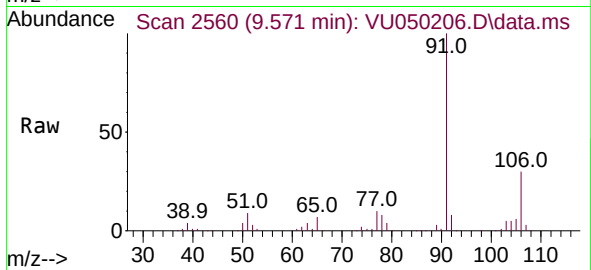




#52
Ethylbenzene
Concen: 4.674 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

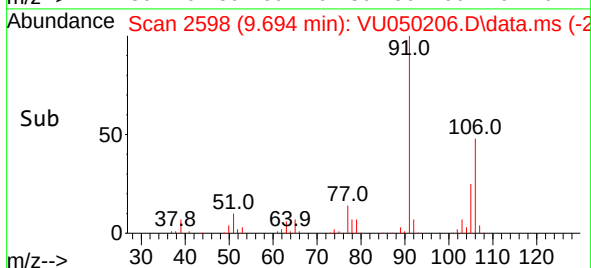
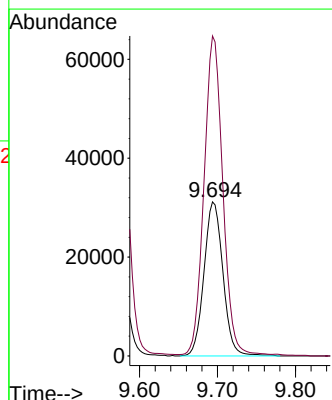
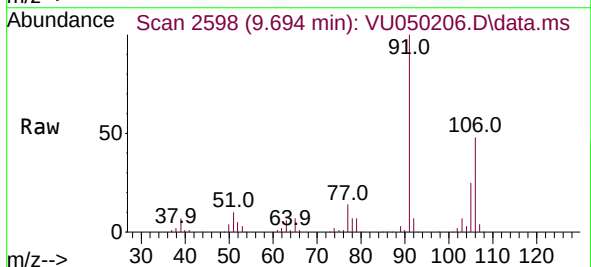
Instrument :
MSVOA_U
ClientSampleId :

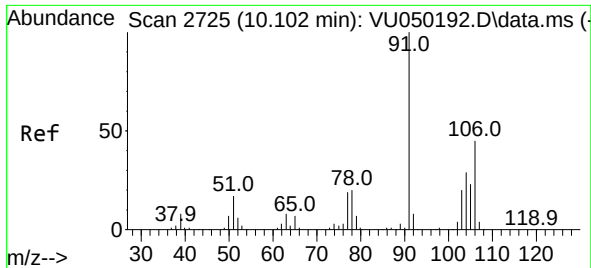
Tgt Ion: 91 Resp: 138648
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 4.828 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 106 Resp: 52739
Ion Ratio Lower Upper
106 100
91 207.7 143.1 265.9

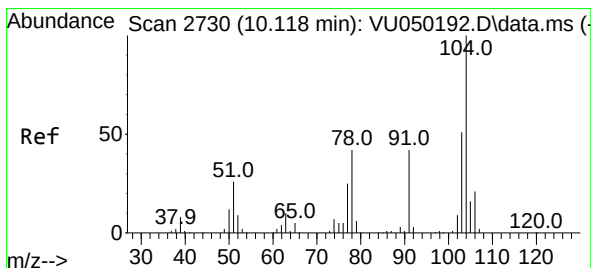
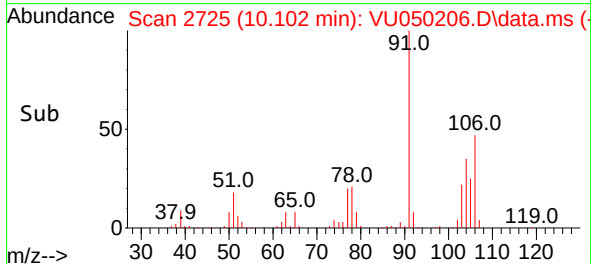
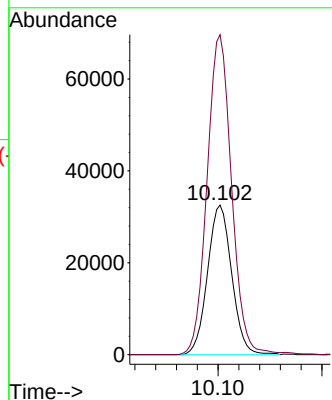
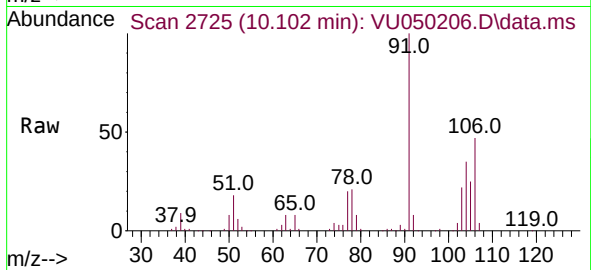




#54
o-Xylene
Concen: 4.827 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

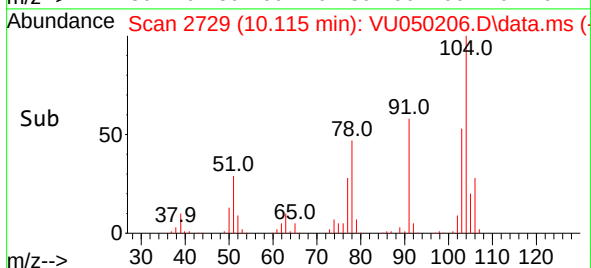
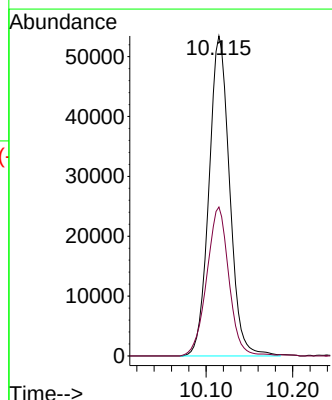
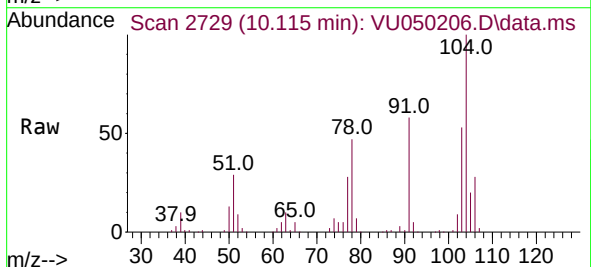
Instrument :
MSVOA_U
ClientSampleId :

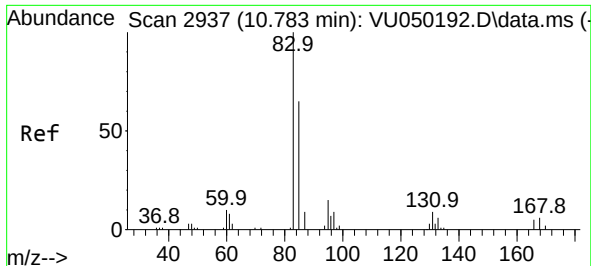
Tgt Ion:106 Resp: 52638
Ion Ratio Lower Upper
106 100
91 213.8 149.4 277.4



#55
Styrene
Concen: 4.866 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion:104 Resp: 88647
Ion Ratio Lower Upper
104 100
78 46.5 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.018 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

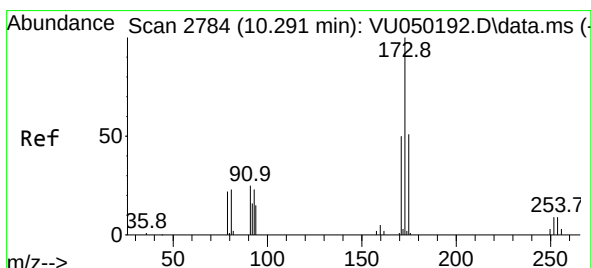
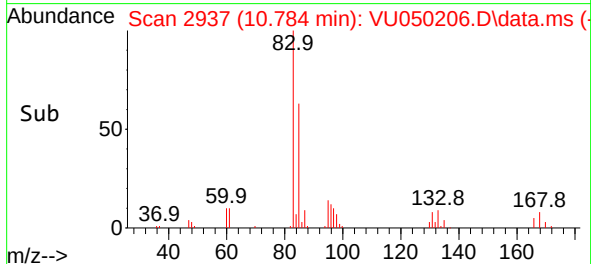
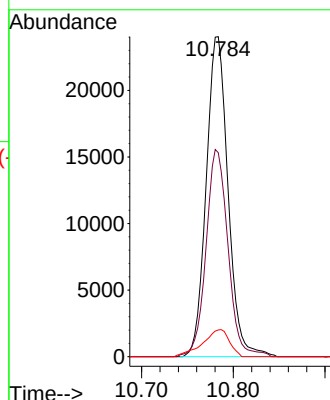
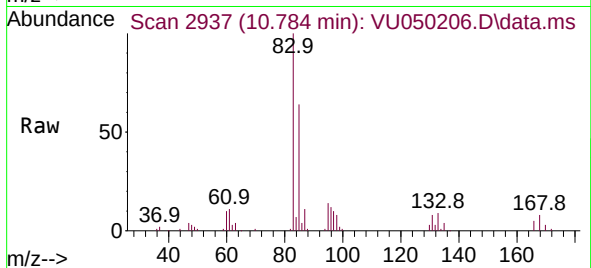
Tgt Ion: 83 Resp: 39796

Ion Ratio Lower Upper

83 100

85 63.8 45.2 84.0

131 8.4 6.6 9.8



#59

Bromoform

Concen: 4.589 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

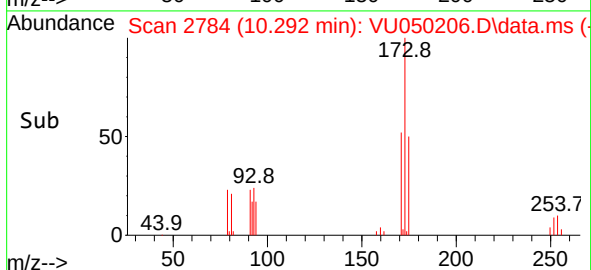
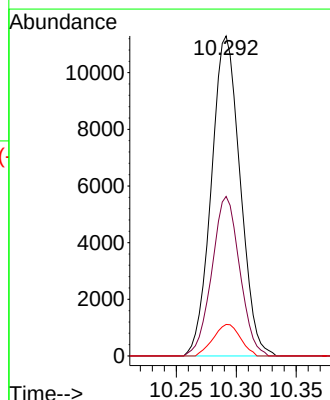
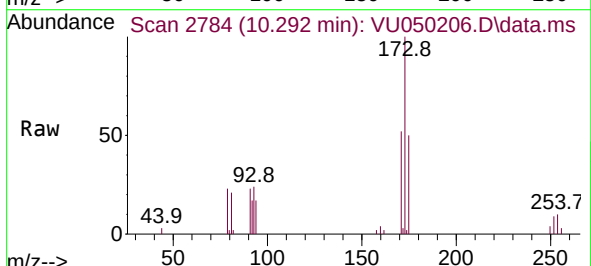
Tgt Ion:173 Resp: 18828

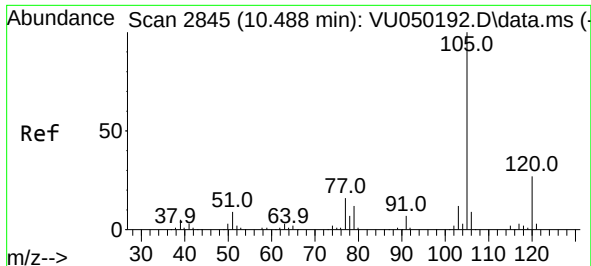
Ion Ratio Lower Upper

173 100

175 48.1 37.0 55.6

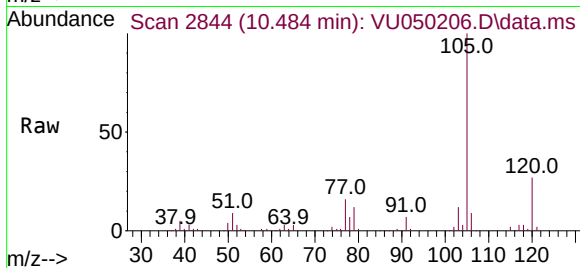
254 9.3 7.4 11.0



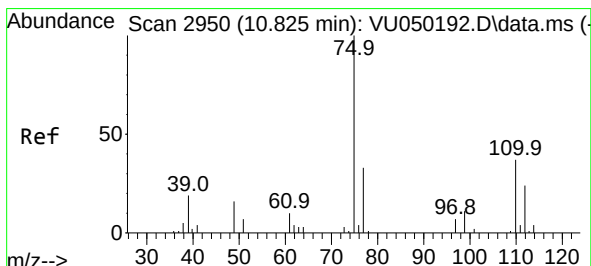
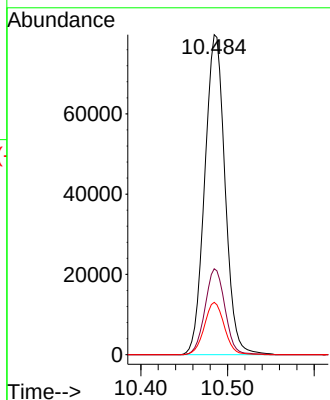
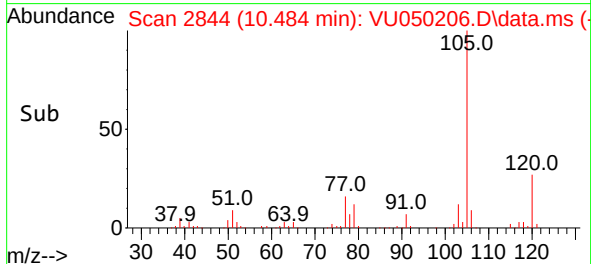


#60
Isopropylbenzene
Concen: 4.748 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Instrument :
MSVOA_U
ClientSampleId :

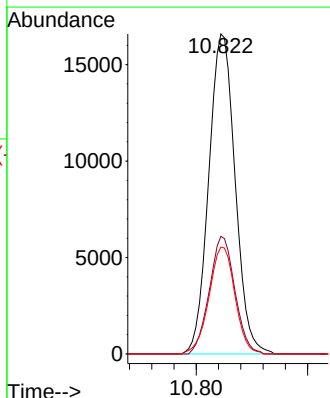
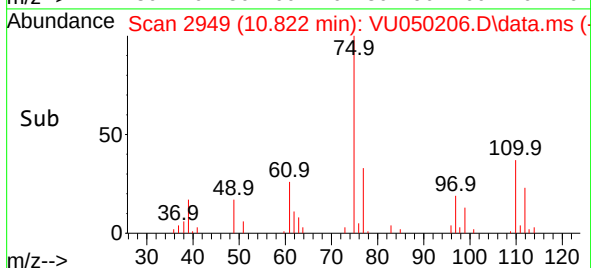
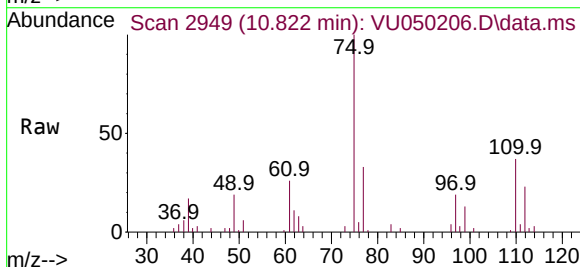


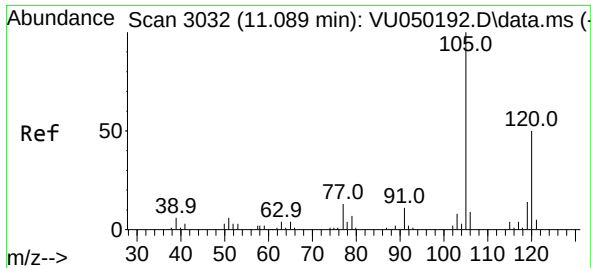
Tgt Ion:105 Resp: 129737
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.892 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion: 75 Resp: 27264
Ion Ratio Lower Upper
75 100
110 35.5 28.5 42.7
77 32.9 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.302 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

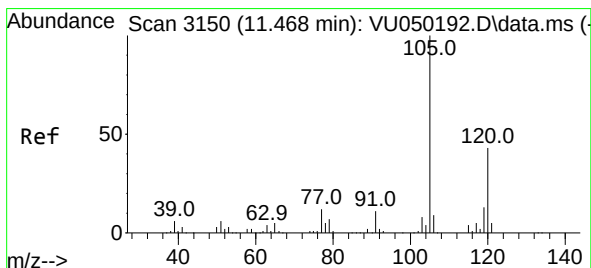
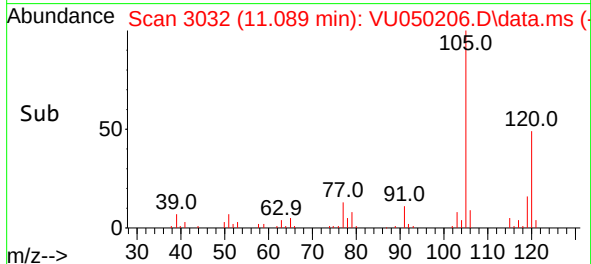
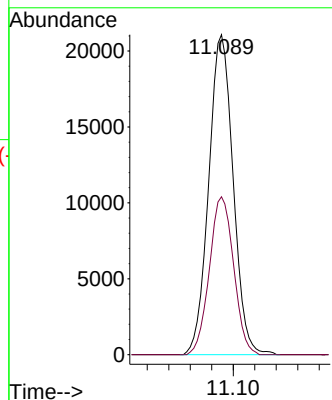
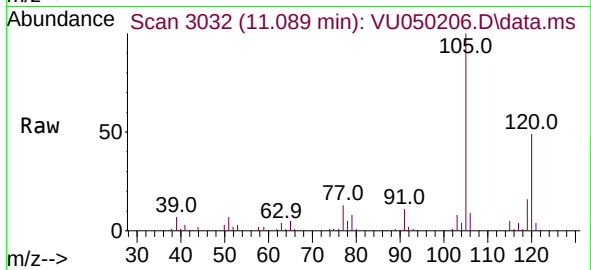
ClientSampleId :

Tgt Ion:105 Resp: 33210

Ion Ratio Lower Upper

105 100

120 49.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.496 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050206.D

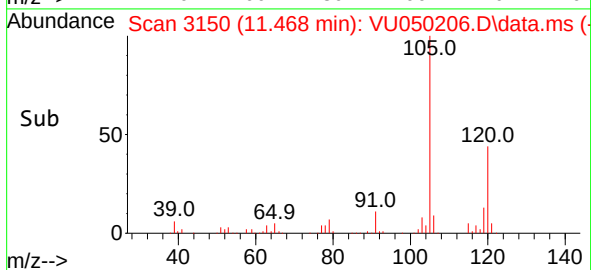
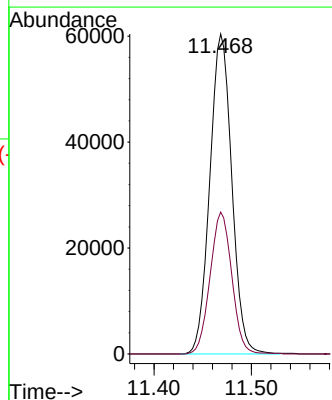
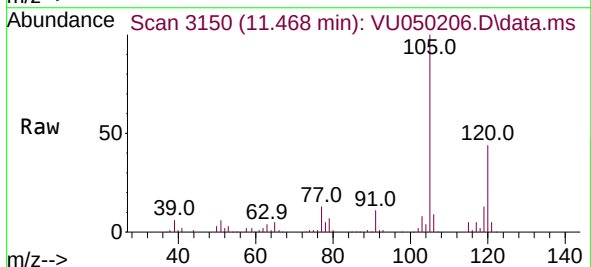
Acq: 10 Aug 2022 02:27

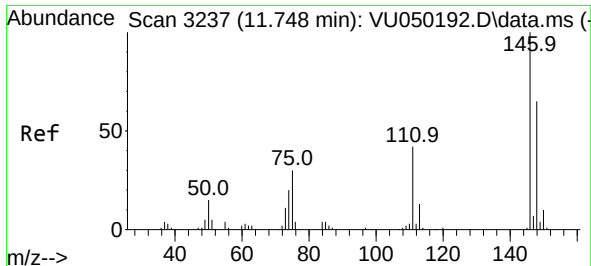
Tgt Ion:105 Resp: 94565

Ion Ratio Lower Upper

105 100

120 43.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 4.710 ug/L

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

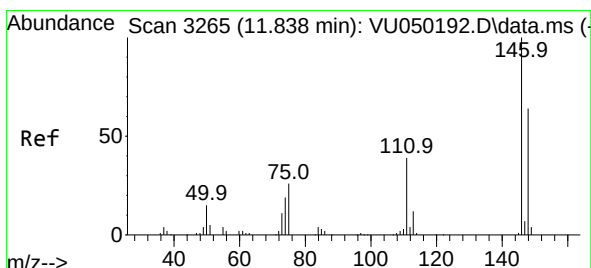
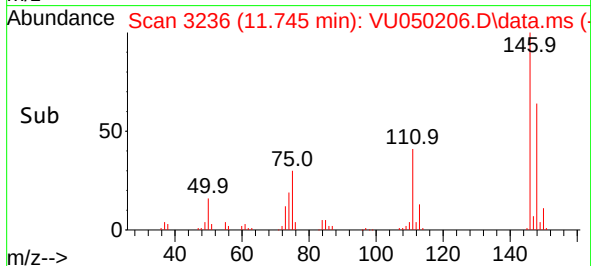
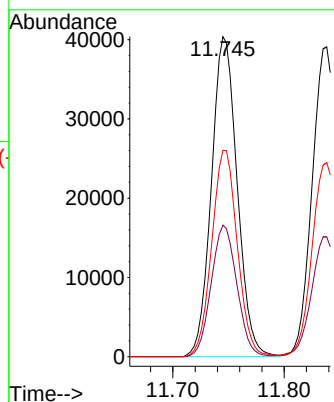
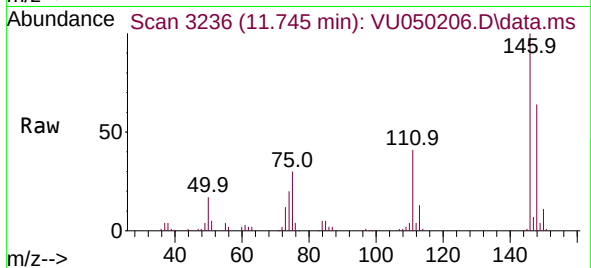
Tgt Ion:146 Resp: 64868

Ion Ratio Lower Upper

146 100

111 41.1 29.9 55.5

148 64.5 45.8 85.2



#65

1,4-Dichlorobenzene

Concen: 4.801 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

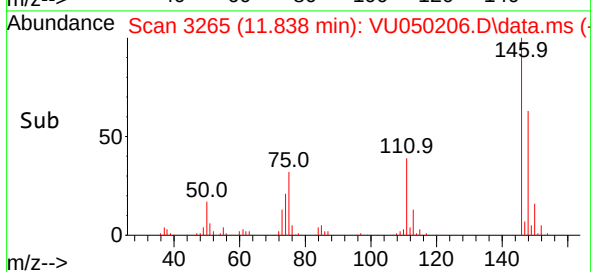
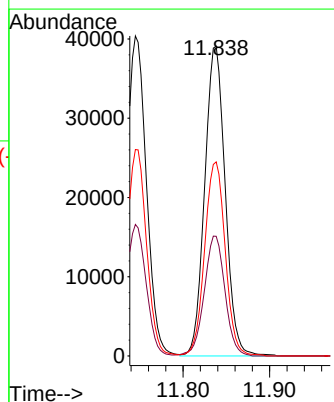
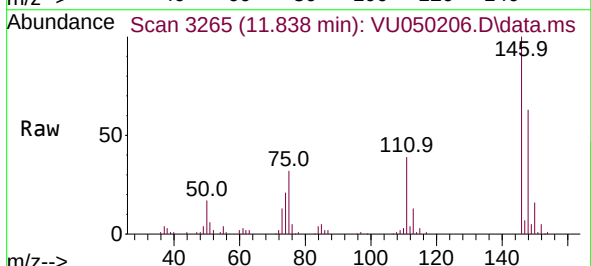
Tgt Ion:146 Resp: 64335

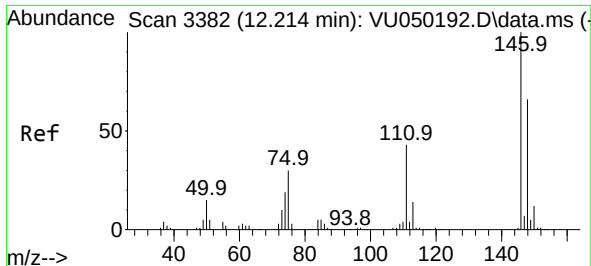
Ion Ratio Lower Upper

146 100

111 38.6 28.1 52.1

148 62.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.806 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050206.D

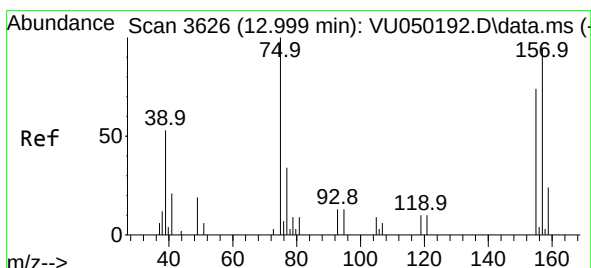
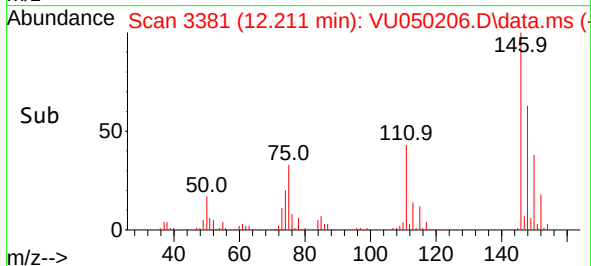
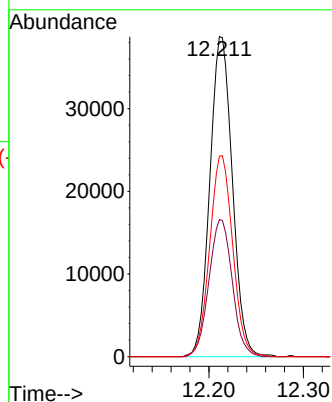
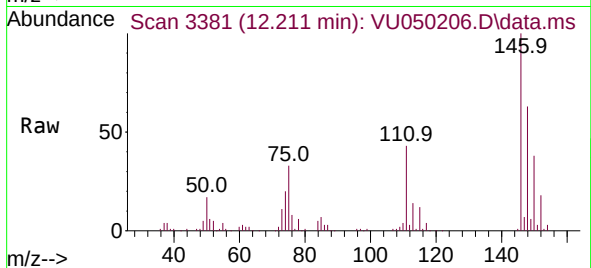
Acq: 10 Aug 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	64091
Ion Ratio	Lower	Upper
146	100	
111	42.9	32.9 49.3
148	62.7	50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.299 ug/L

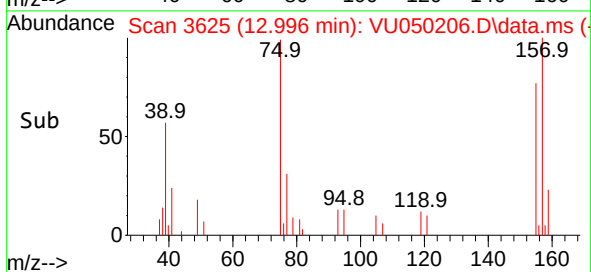
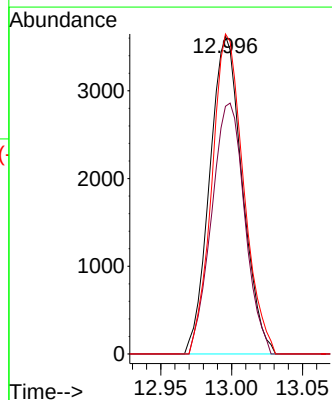
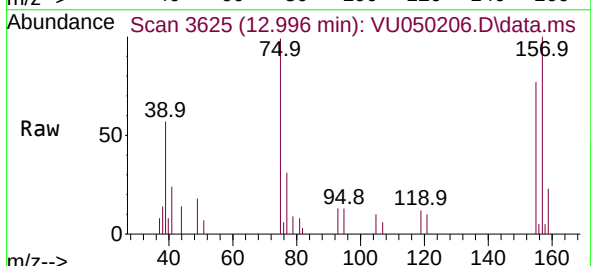
RT: 12.996 min Scan# 3625

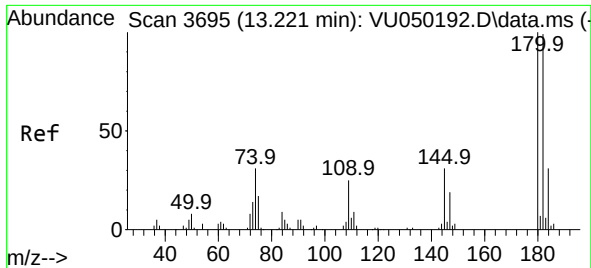
Delta R.T. -0.003 min

Lab File: VU050206.D

Acq: 10 Aug 2022 02:27

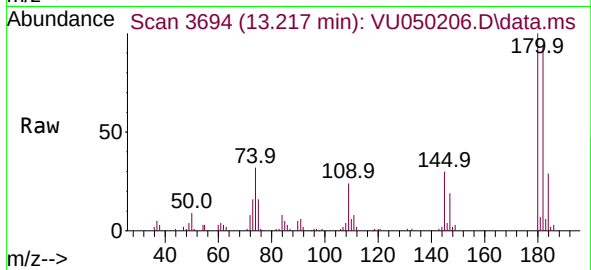
Tgt Ion: 75	Resp:	5790
Ion Ratio	Lower	Upper
75	100	
155	77.9	63.5 95.3
157	100.6	85.0 127.6



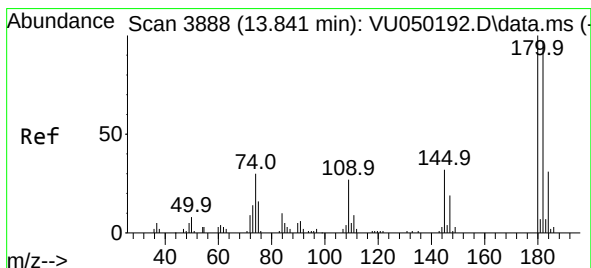
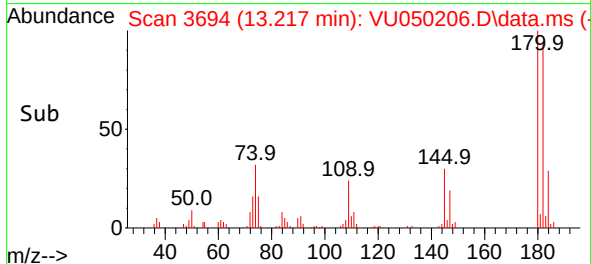
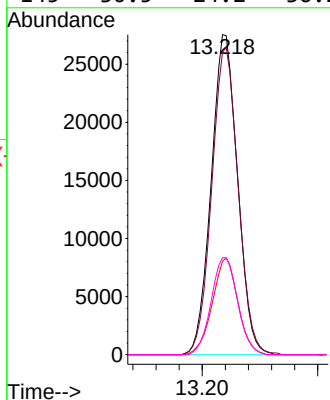


#69
 1,3,5-Trichlorobenzene
 Concen: 4.444 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050206.D
 Acq: 10 Aug 2022 02:27

Instrument :
 MSVOA_U
 ClientSampleId :

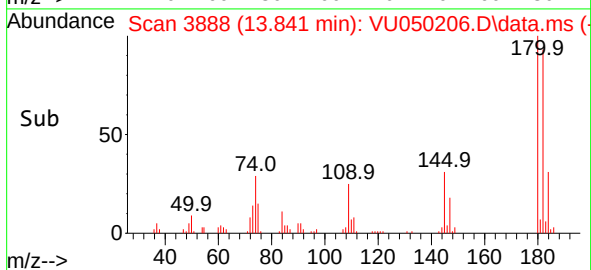
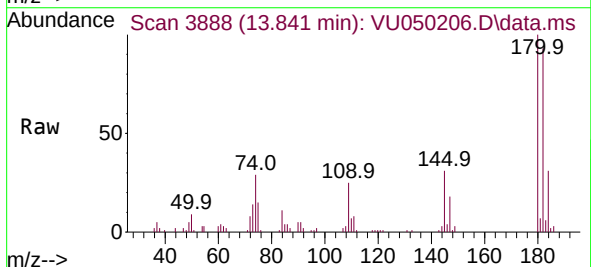
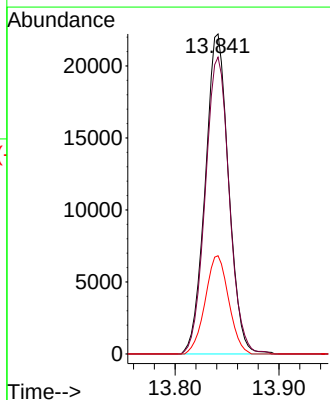


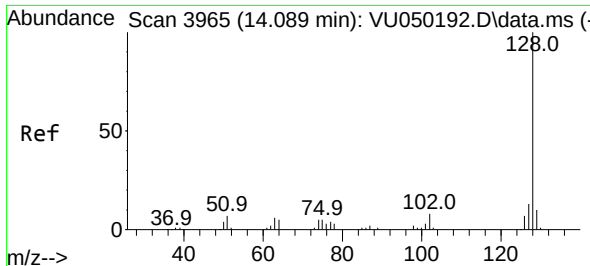
Tgt Ion:180 Resp: 43598
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.3 115.9
 184 29.3 24.1 36.1
 145 30.5 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.686 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050206.D
 Acq: 10 Aug 2022 02:27

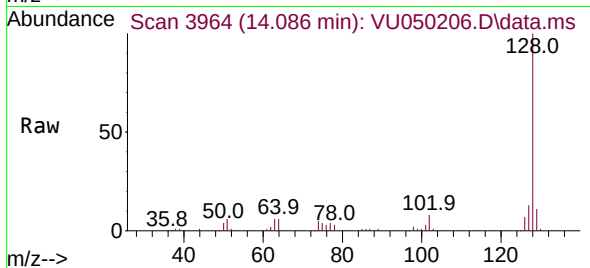
Tgt Ion:180 Resp: 34831
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.9 115.3
 145 30.7 24.2 36.4



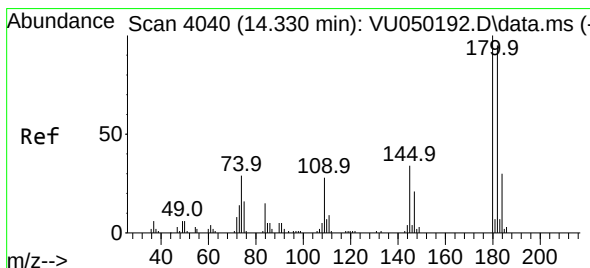
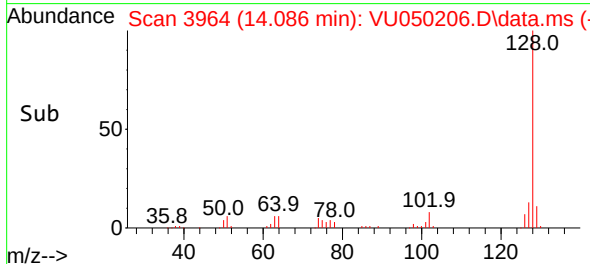
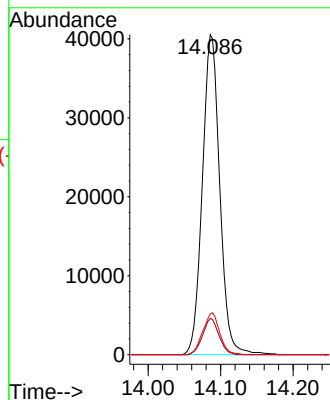


#71
Naphthalene
Concen: 4.432 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 67558
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.7 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.907 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050206.D
Acq: 10 Aug 2022 02:27

Tgt Ion:180 Resp: 36972
Ion Ratio Lower Upper
180 100
182 96.7 77.5 116.3
145 32.0 25.8 38.6

