

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053387.D
 Acq On : 24 Mar 2023 12:43
 Operator : JC/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 24 22:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 22:43:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	141925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	8724	1.151	ug/L	0.00
7) Chloroethane-d5	1.912	69	8281	1.175	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	3796	1.098	ug/L	0.00
20) 2-Butanone-d5	4.648	46	20088	9.343	ug/L	0.00
24) Chloroform-d	5.063	84	17280	1.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	8646	1.029	ug/L	0.00
32) Benzene-d6	5.726	84	35503	1.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	11402	1.088	ug/L	0.00
41) Toluene-d8	7.896	98	31971	1.127	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	3955	0.947	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	15421	8.440	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	8307	0.935	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	10565	1.034	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10252	0.984	ug/L	99
3) Chloromethane	1.517	50	10179	0.949	ug/L	97
5) Vinyl chloride	1.604	62	12160	1.033	ug/L	98
6) Bromomethane	1.858	94	7182	0.979	ug/L	99
8) Chloroethane	1.935	64	6811	0.967	ug/L	96
9) Trichlorofluoromethane	2.137	101	17746	1.061	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	9179	1.012	ug/L	95
12) 1,1-Dichloroethene	2.578	96	7974	0.956	ug/L	94
13) Acetone	2.655	43	5568	3.750	ug/L #	41
14) Carbon disulfide	2.790	76	23706	0.956	ug/L	96
15) Methyl Acetate	2.960	43	2740	0.786	ug/L #	83
16) Methylene chloride	3.044	84	12562	1.296	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	18971	0.858	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	8401	0.949	ug/L	95
19) 1,1-Dichloroethane	3.870	63	15683	0.952	ug/L	98
21) 2-Butanone	4.835	43	793	0.366	ug/L	87
22) cis-1,2-Dichloroethene	4.671	96	12542	1.255	ug/L	94
23) Bromochloromethane	4.967	128	3823	0.975	ug/L	90
25) Chloroform	5.086	83	16137	0.940	ug/L	92
27) 1,2-Dichloroethane	5.793	62	9956	0.943	ug/L #	90
29) 1,1,1-Trichloroethane	5.311	97	12818	0.871	ug/L	96
30) Cyclohexane	5.382	56	13850	0.930	ug/L	98
31) Carbon tetrachloride	5.523	117	11017	0.900	ug/L	98
33) Benzene	5.771	78	36028	1.000	ug/L	100
34) Trichloroethene	6.539	95	9584	0.947	ug/L	96
35) Methylcyclohexane	6.761	83	16519	0.997	ug/L	99
37) 1,2-Dichloropropane	6.790	63	9297	0.950	ug/L #	95
38) Bromodichloromethane	7.105	83	10392	0.835	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	12965	0.844	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	45422	8.982	ug/L	98
42) Toluene	7.967	91	37724	0.959	ug/L	95
44) trans-1,3-Dichloropropene	8.208	75	10433	0.821	ug/L	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053387.D
 Acq On : 24 Mar 2023 12:43
 Operator : JC/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

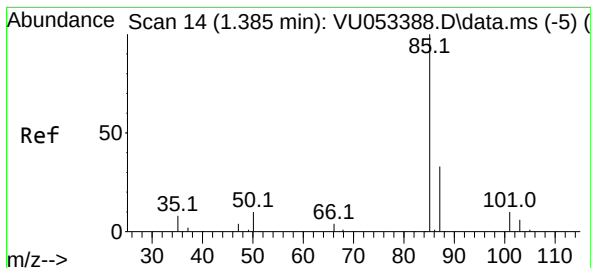
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 24 22:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 22:43:22 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.401	97	6412	0.906	ug/L #	84
47) Tetrachloroethene	8.549	164	6841	1.024	ug/L	96
48) 2-Hexanone	8.687	43	33968	9.107	ug/L	97
49) Dibromochloromethane	8.806	129	6491	0.860	ug/L	94
50) 1,2-Dibromoethane	8.922	107	6214	0.951	ug/L #	96
51) Chlorobenzene	9.446	112	23469	0.954	ug/L	95
52) Ethylbenzene	9.568	91	40787	0.922	ug/L	92
53) m,p-Xylene	9.690	106	15323	0.920	ug/L	95
54) o-Xylene	10.098	106	14562	0.906	ug/L	92
55) Styrene	10.114	104	23134	0.892	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.777	83	8211	0.921	ug/L	96
59) Bromoform	10.285	173	3044	0.703	ug/L #	94
60) Isopropylbenzene	10.481	105	40203	0.897	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	5490	0.915	ug/L	94
62) 1,3,5-Trimethylbenzene	11.086	105	31306	0.829	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	31540	0.834	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	17956	0.974	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	17530	0.948	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	16541	0.961	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.995	75	767	0.569	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.217	180	12035	0.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	8584	0.799	ug/L	95
71) Naphthalene	14.085	128	16028	0.752	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	7476	0.791	ug/L	92

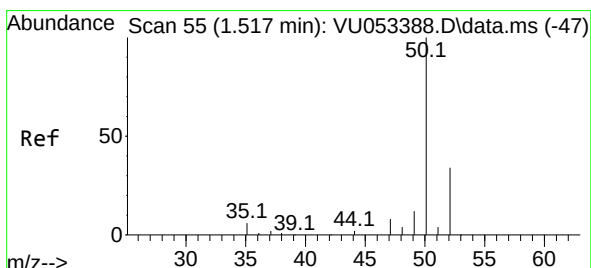
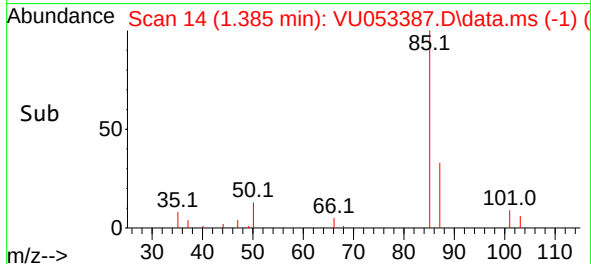
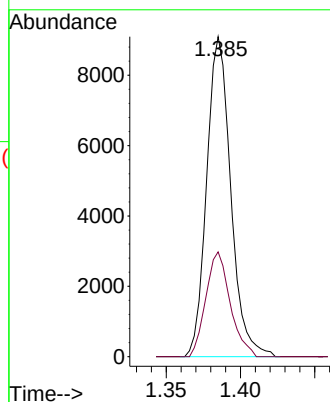
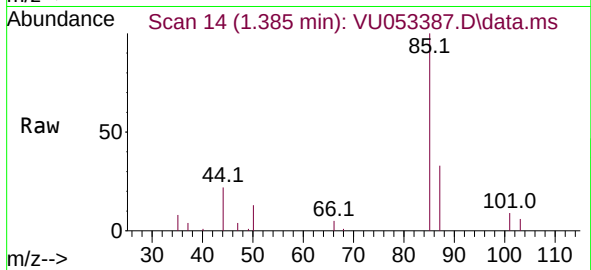
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.984 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

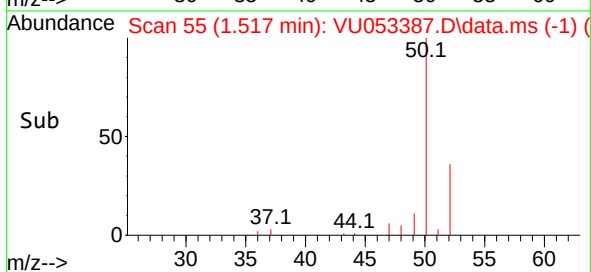
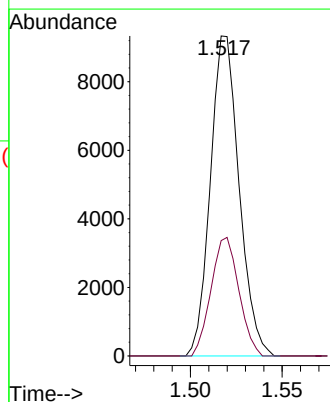
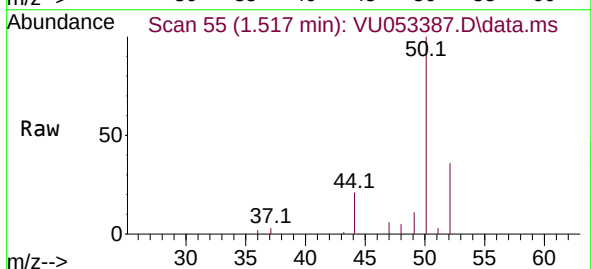
Instrument :
 MSVOA_U
 ClientSampleId :

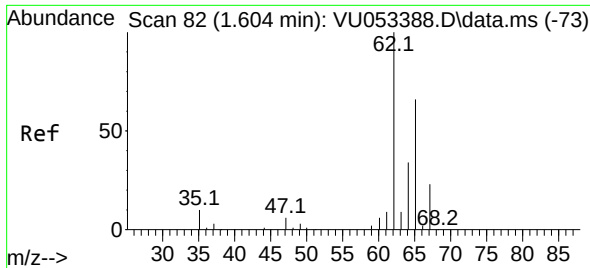
Tgt Ion: 85 Resp: 10252
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.1 39.1



#3
 Chloromethane
 Concen: 0.949 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Tgt Ion: 50 Resp: 10179
 Ion Ratio Lower Upper
 50 100
 52 36.0 23.9 44.3

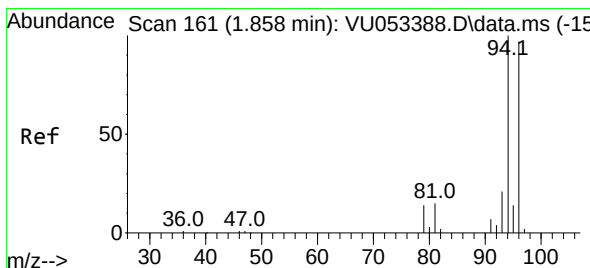
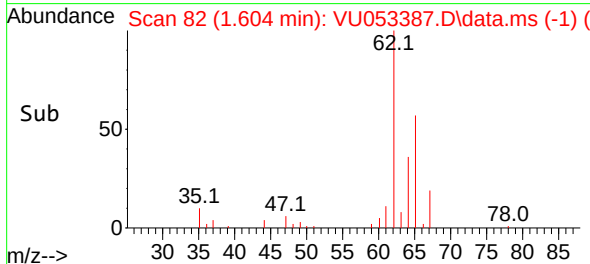
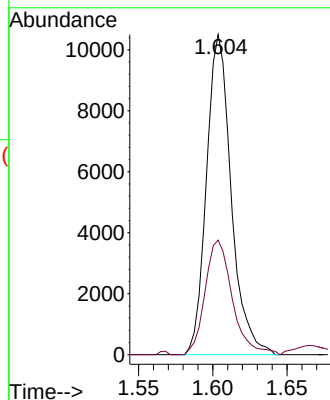
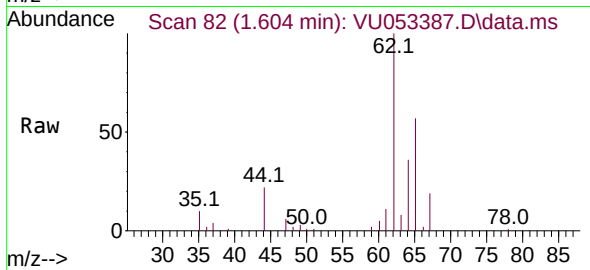




#5
 Vinyl chloride
 Concen: 1.033 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

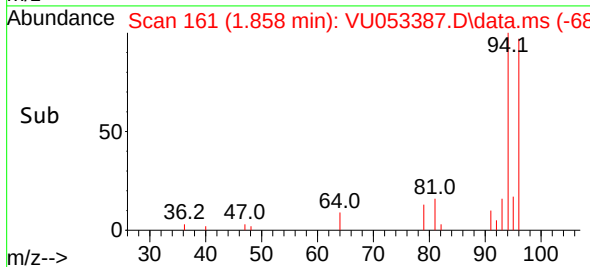
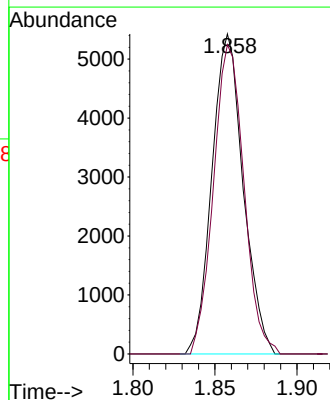
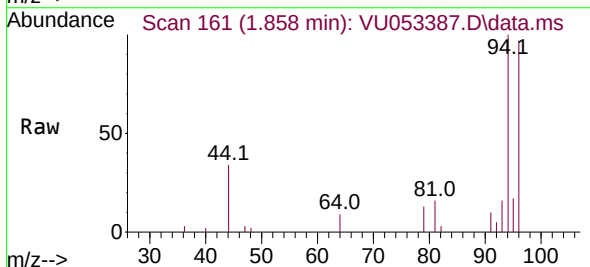
Instrument :
 MSVOA_U
 ClientSampleId :

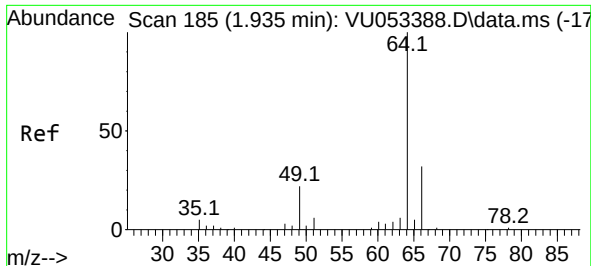
Tgt Ion: 62 Resp: 12160
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.1 44.7



#6
 Bromomethane
 Concen: 0.979 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Tgt Ion: 94 Resp: 7182
 Ion Ratio Lower Upper
 94 100
 96 96.6 68.3 126.8

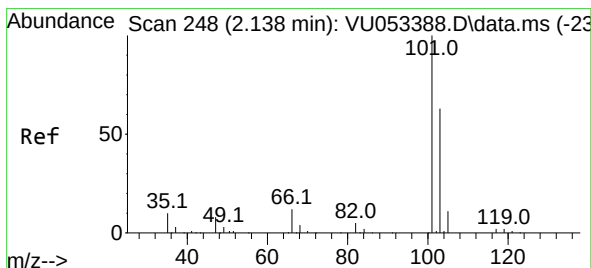
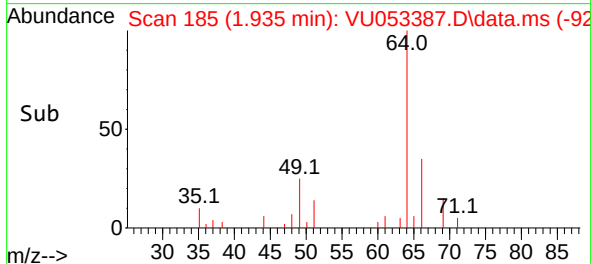
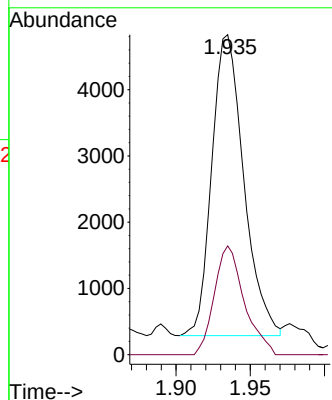
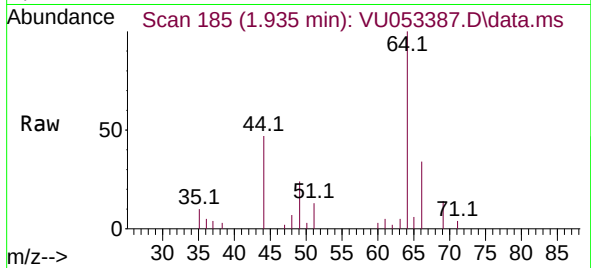




#8
Chloroethane
Concen: 0.967 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

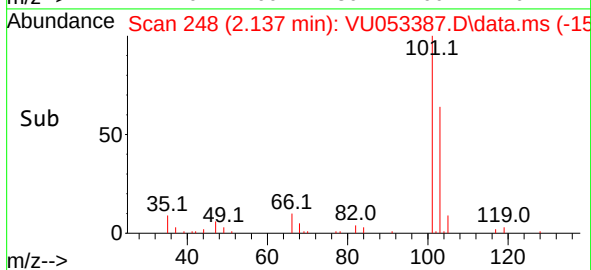
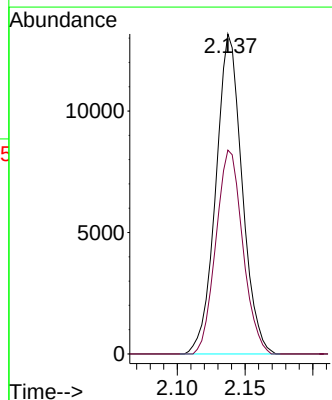
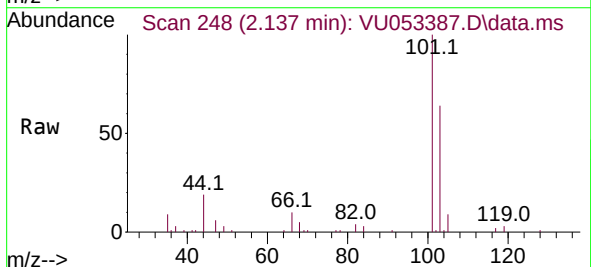
Instrument :
MSVOA_U
ClientSampleId :

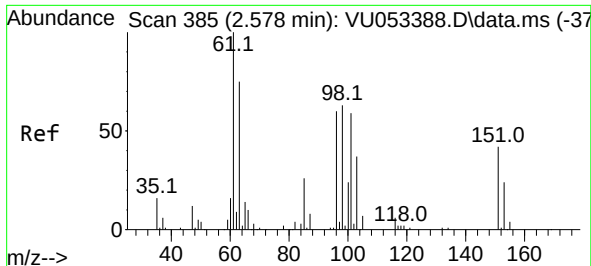
Tgt Ion: 64 Resp: 6811
Ion Ratio Lower Upper
64 100
66 34.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.061 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion:101 Resp: 17746
Ion Ratio Lower Upper
101 100
103 65.0 50.2 75.2





#10

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

Concen: 1.012 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

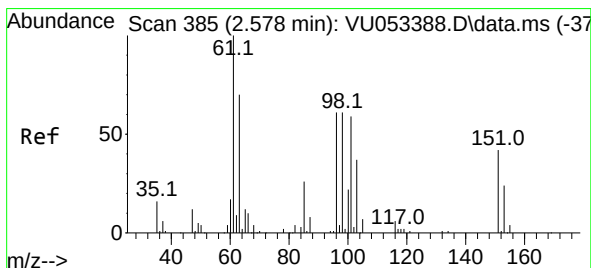
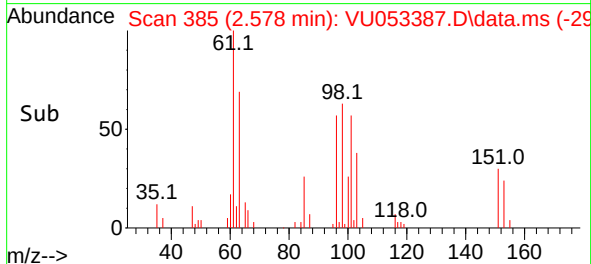
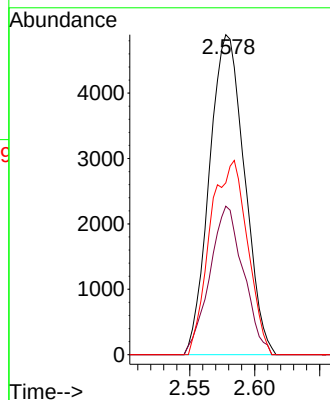
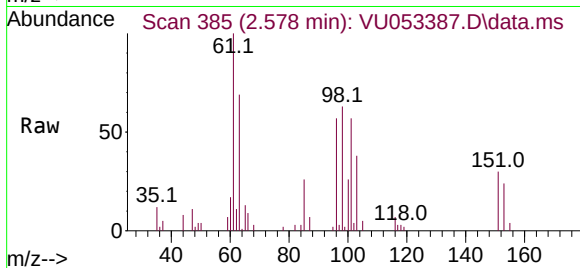
Tgt Ion:101 Resp: 9179

Ion Ratio Lower Upper

101 100

85 44.6 37.0 55.4

151 64.8 56.8 85.2



#12

1,1-Dichloroethene

Concen: 0.956 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

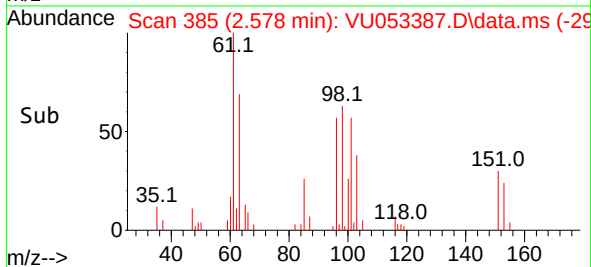
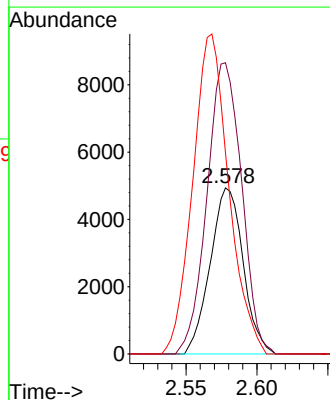
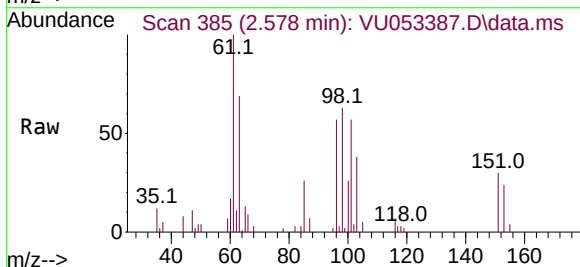
Tgt Ion: 96 Resp: 7974

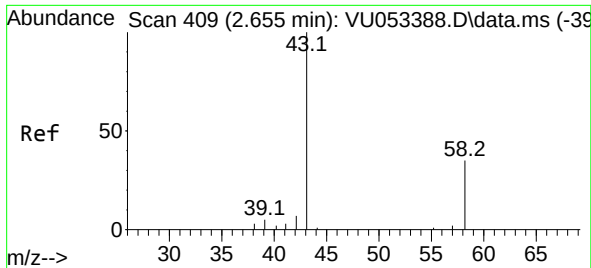
Ion Ratio Lower Upper

96 100

61 175.3 116.8 216.8

63 121.0 88.6 164.6





#13

Acetone

Concen: 3.750 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.000 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

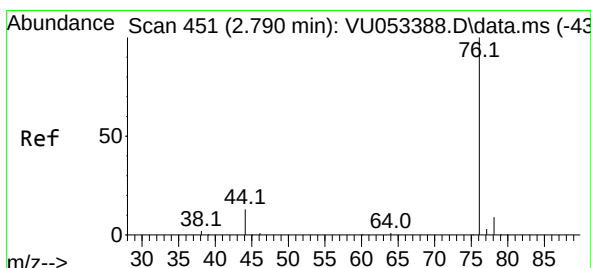
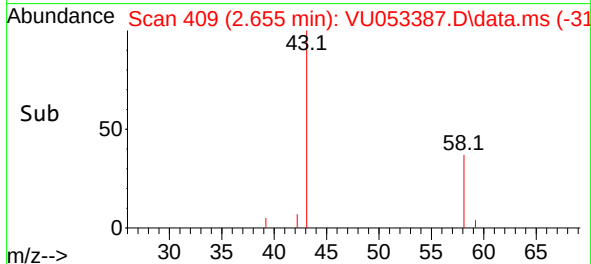
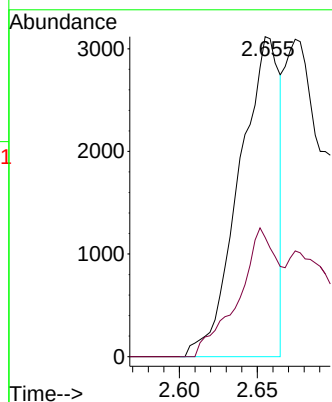
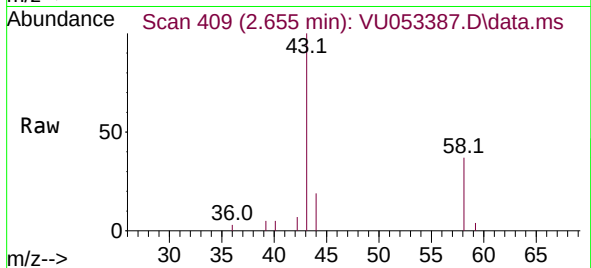
ClientSampleId :

Tgt Ion: 43 Resp: 5568

Ion Ratio Lower Upper

43 100

58 41.2 0.0 32.2#



#14

Carbon disulfide

Concen: 0.956 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053387.D

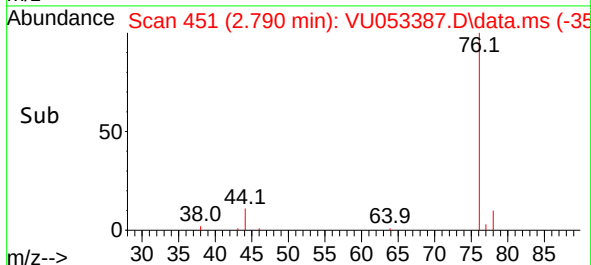
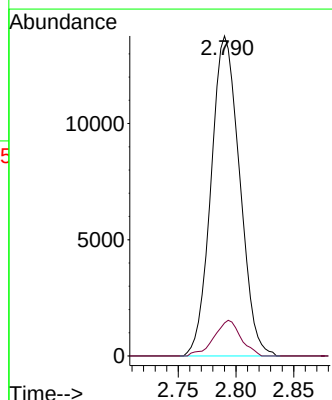
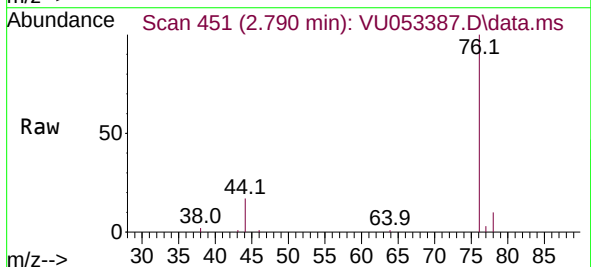
Acq: 24 Mar 2023 12:43

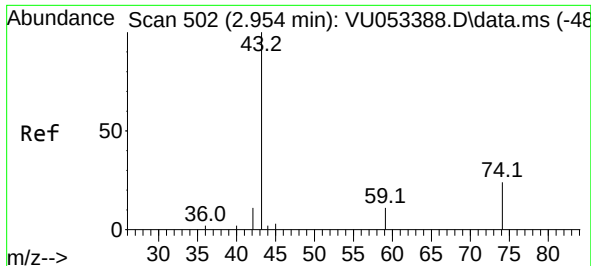
Tgt Ion: 76 Resp: 23706

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.4

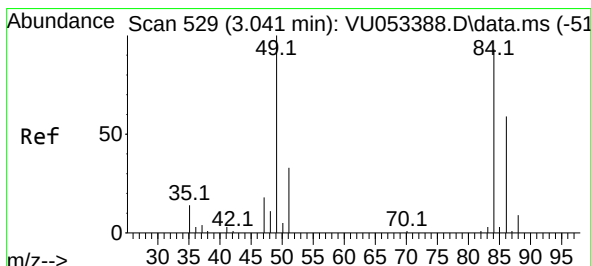
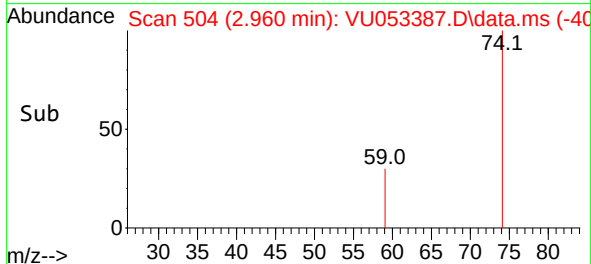
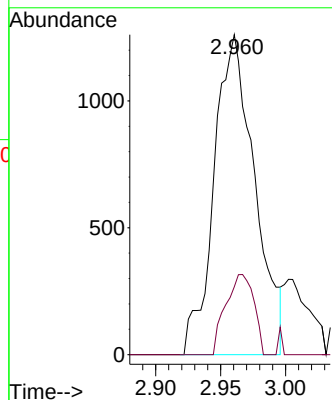
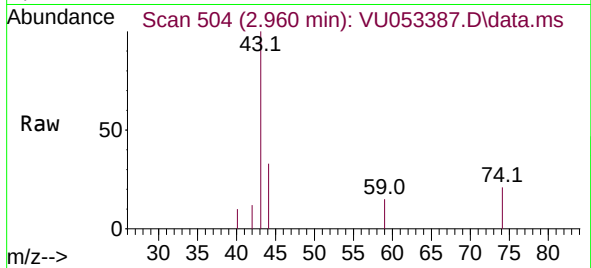




#15
Methyl Acetate
Concen: 0.786 ug/L
RT: 2.960 min Scan# 50
Delta R.T. 0.006 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

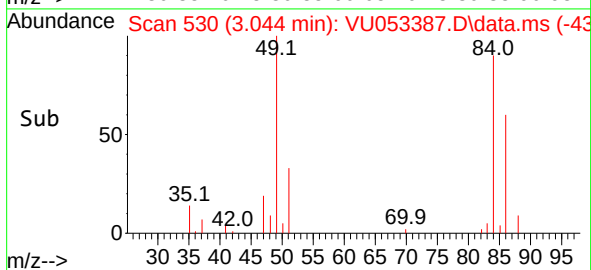
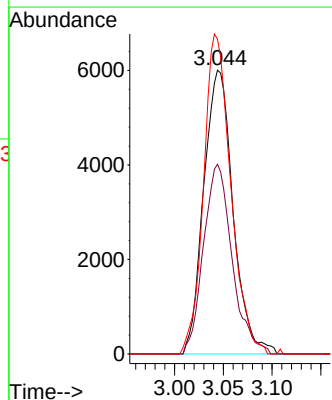
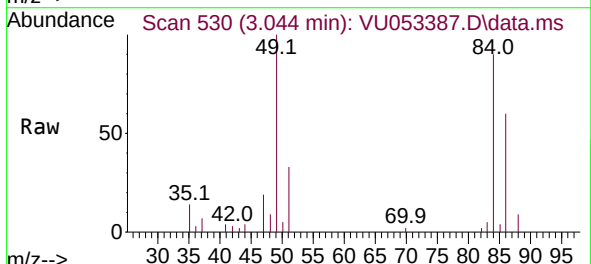
Instrument :
MSVOA_U
ClientSampleId :

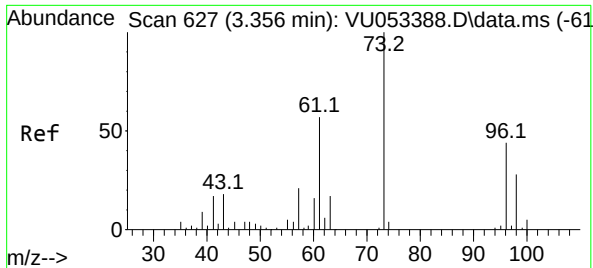
Tgt Ion: 43 Resp: 2740
Ion Ratio Lower Upper
43 100
74 17.4 20.8 31.2#



#16
Methylene chloride
Concen: 1.296 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion: 84 Resp: 12562
Ion Ratio Lower Upper
84 100
86 66.9 44.7 83.1
49 110.9 75.5 140.1

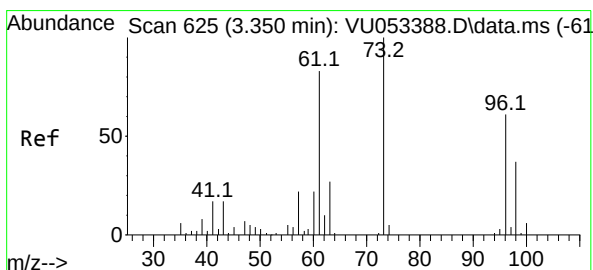
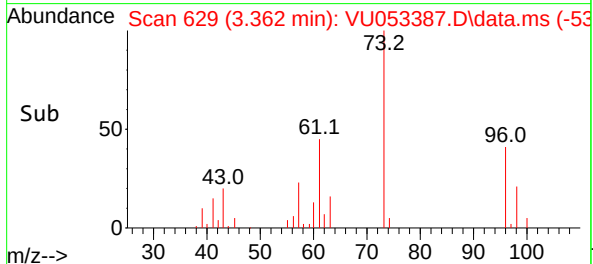
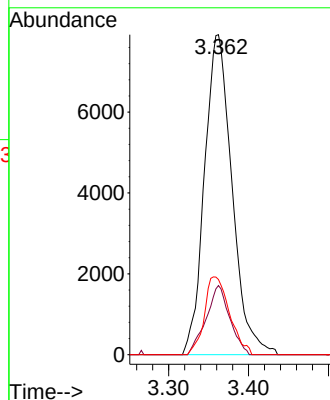
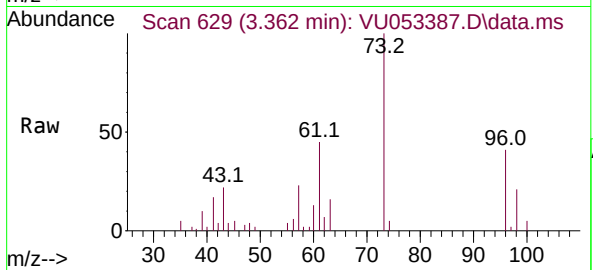




#17
Methyl tert-butyl Ether
Concen: 0.858 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

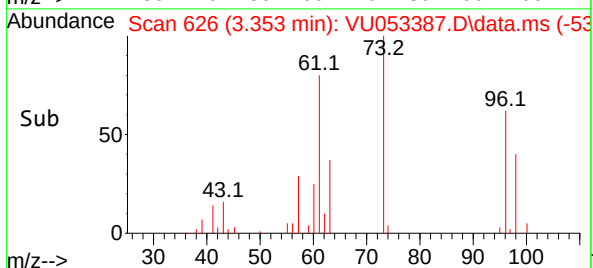
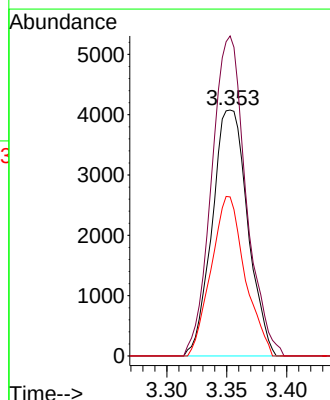
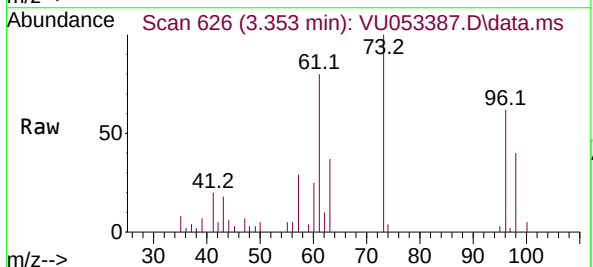
Instrument :
MSVOA_U
ClientSampleId :

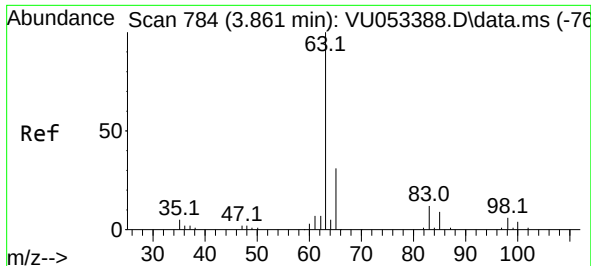
Tgt Ion: 73	Resp: 18971
Ion Ratio	Lower Upper
73 100	
43 18.5	13.9 20.9
57 22.1	17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.949 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion: 96	Resp: 8401
Ion Ratio	Lower Upper
96 100	
61 130.1	95.5 177.3
98 64.7	42.2 78.4

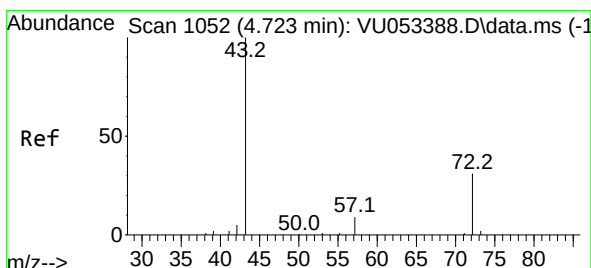
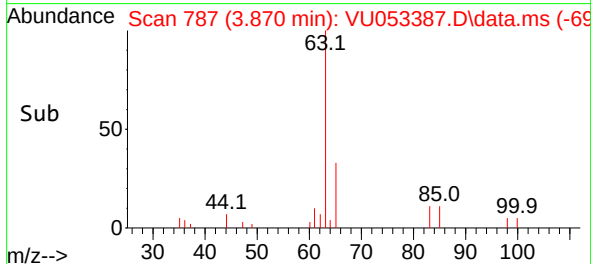
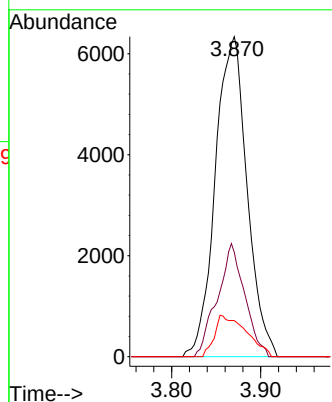
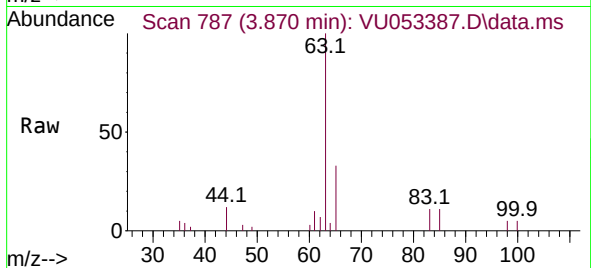




#19
1,1-Dichloroethane
Concen: 0.952 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.009 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

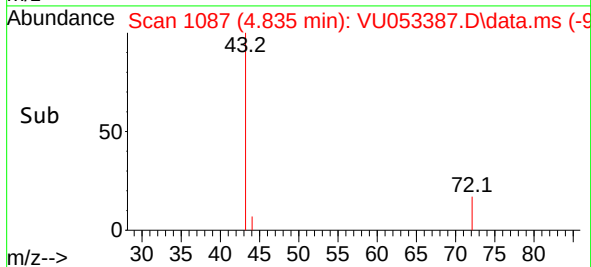
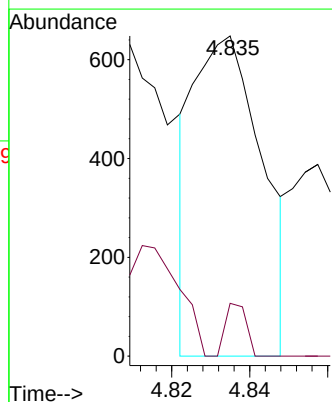
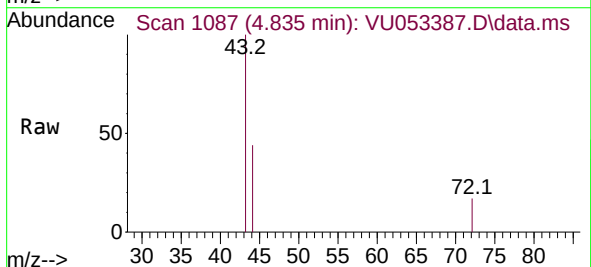
Instrument :
MSVOA_U
ClientSampleId :

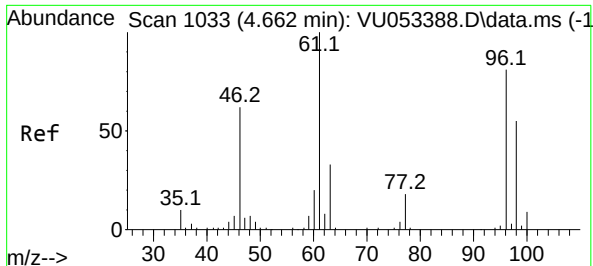
Tgt Ion: 63 Resp: 15683
Ion Ratio Lower Upper
63 100
65 32.6 21.7 40.3
83 11.3 8.1 15.1



#21
2-Butanone
Concen: 0.366 ug/L
RT: 4.835 min Scan# 1087
Delta R.T. 0.112 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
72 25.0 16.2 48.6



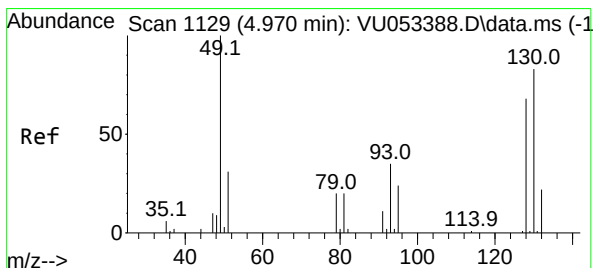
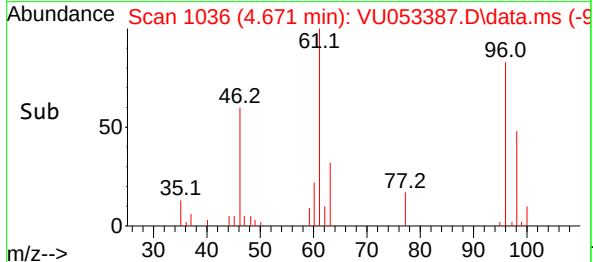
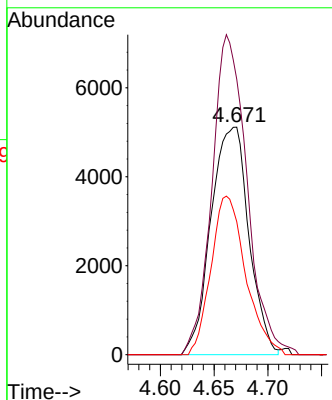
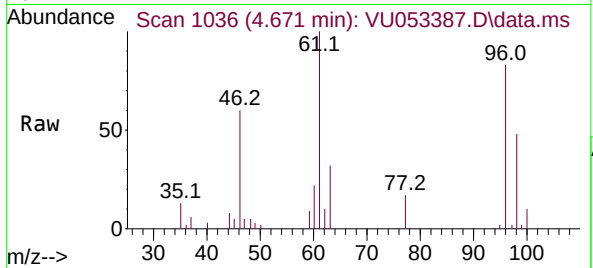


#22
 cis-1,2-Dichloroethene
 Concen: 1.255 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.009 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 12542

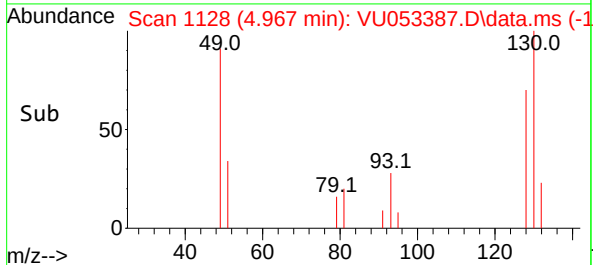
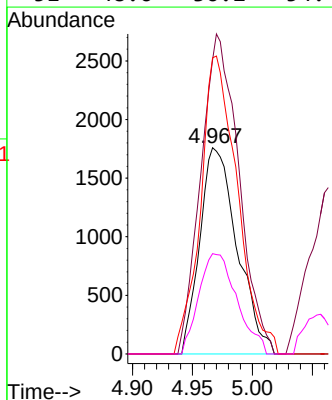
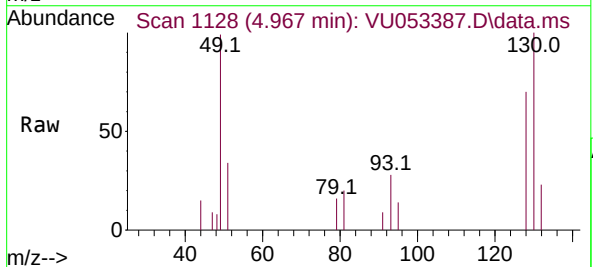
Ion	Ratio	Lower	Upper
96	100		
61	121.0	86.6	160.8
98	58.4	47.7	88.5

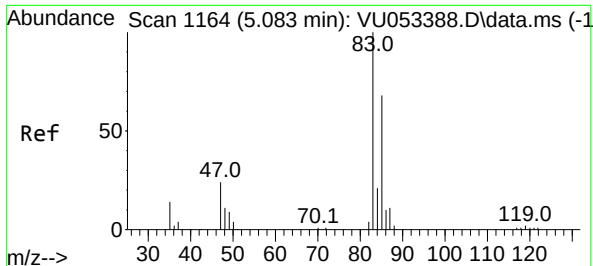


#23
 Bromochloromethane
 Concen: 0.975 ug/L
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Tgt Ion: 128 Resp: 3823

Ion	Ratio	Lower	Upper
128	100		
49	142.6	102.8	190.8
130	143.6	85.1	158.1
51	48.6	36.2	54.4





#25

Chloroform

Concen: 0.940 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

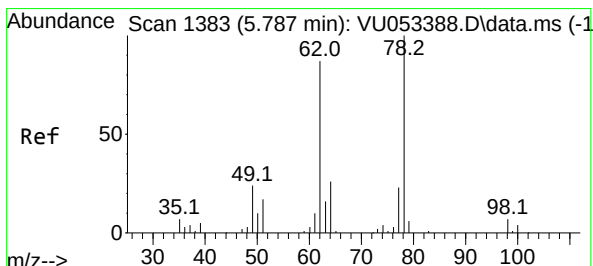
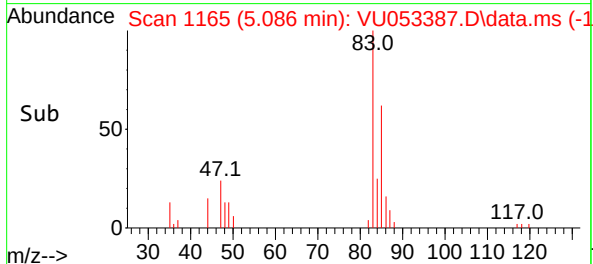
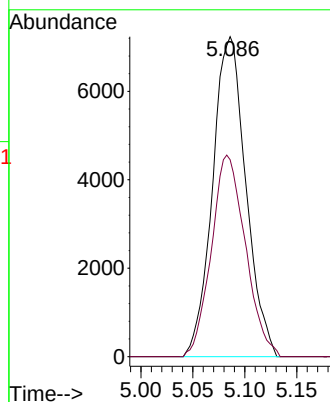
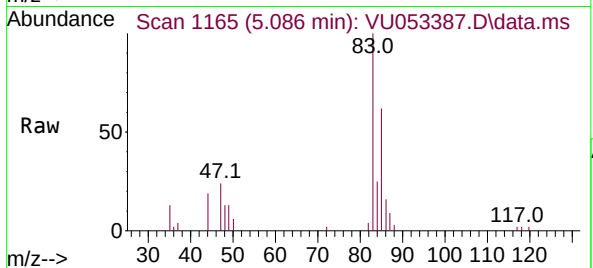
ClientSampleId :

Tgt Ion: 83 Resp: 16137

Ion Ratio Lower Upper

83 100

85 61.6 47.3 87.9



#27

1,2-Dichloroethane

Concen: 0.943 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VU053387.D

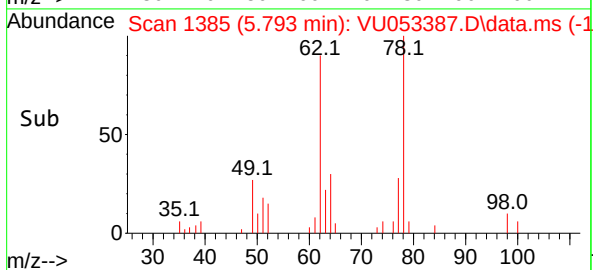
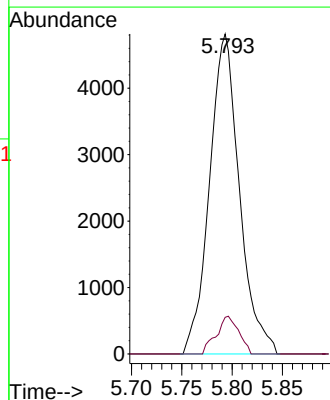
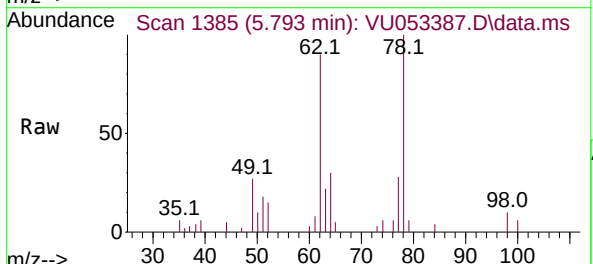
Acq: 24 Mar 2023 12:43

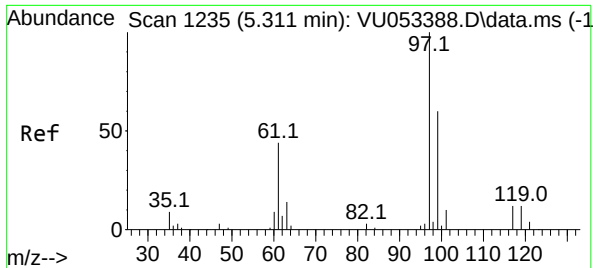
Tgt Ion: 62 Resp: 9956

Ion Ratio Lower Upper

62 100

98 11.5 6.4 9.6#





#29

1,1,1-Trichloroethane

Concen: 0.871 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

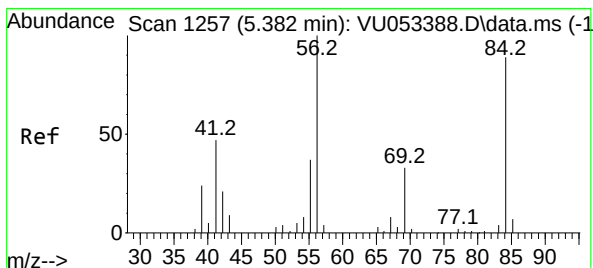
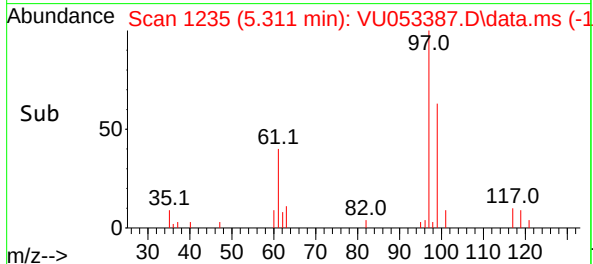
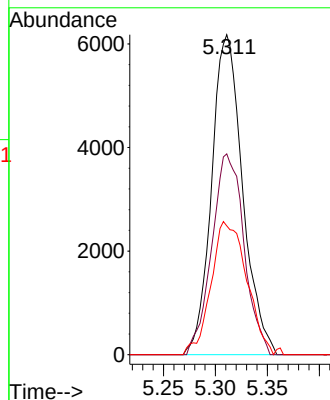
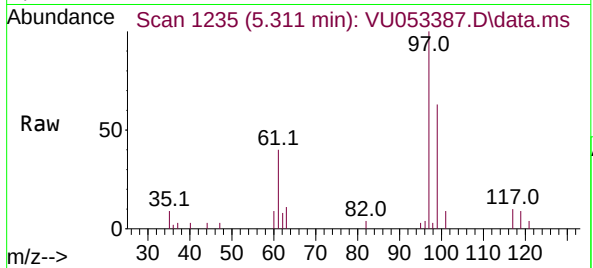
Tgt Ion: 97 Resp: 12818

Ion Ratio Lower Upper

97 100

99 65.1 49.9 74.9

61 47.7 35.7 53.5



#30

Cyclohexane

Concen: 0.930 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

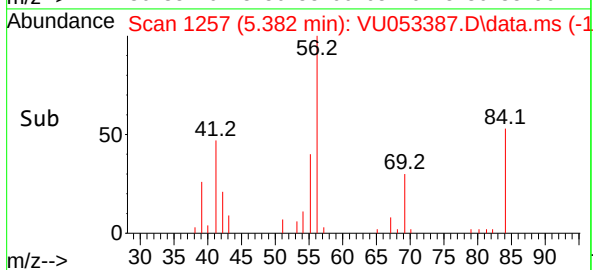
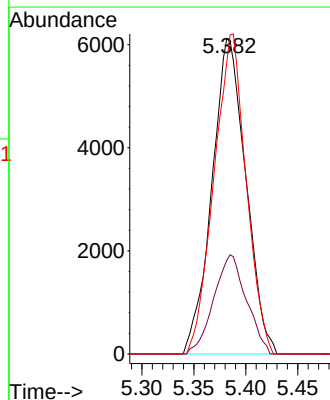
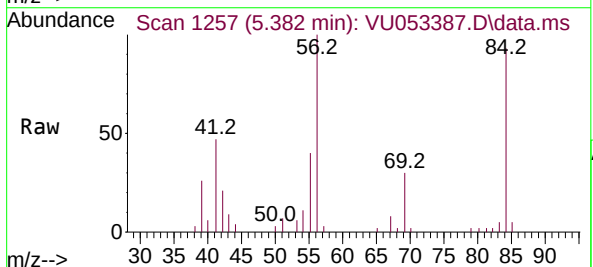
Tgt Ion: 56 Resp: 13850

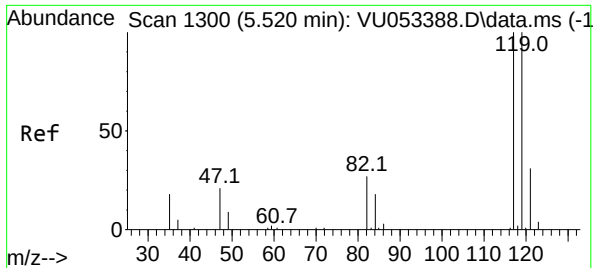
Ion Ratio Lower Upper

56 100

69 30.4 26.1 39.1

84 96.1 75.6 113.4

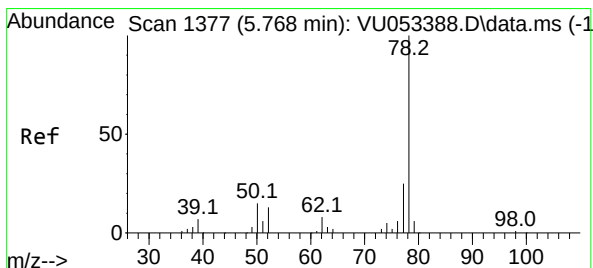
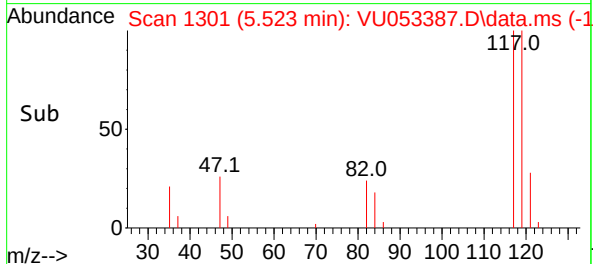
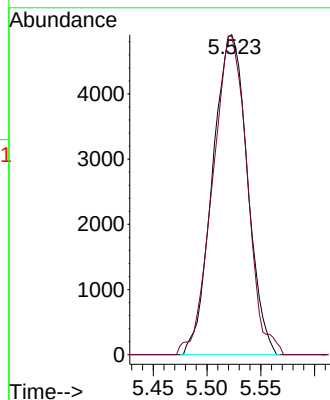
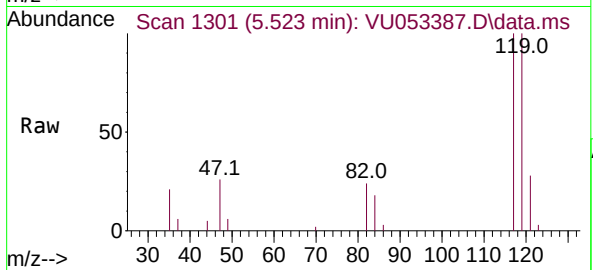




#31
Carbon tetrachloride
Concen: 0.900 ug/L
RT: 5.523 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

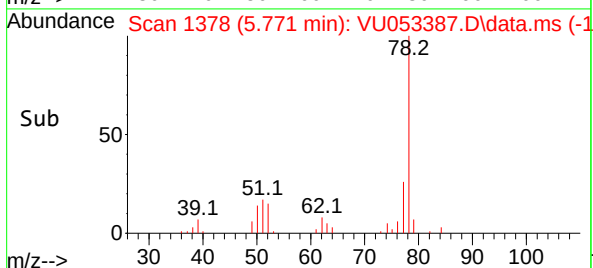
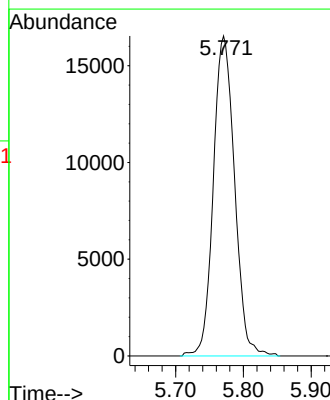
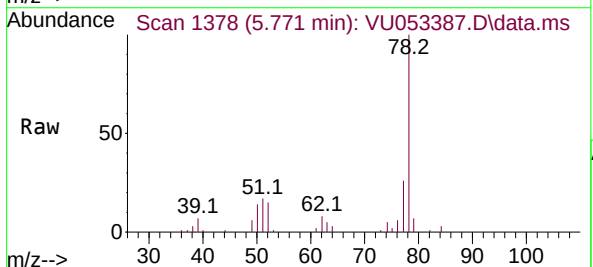
Instrument :
MSVOA_U
ClientSampleId :

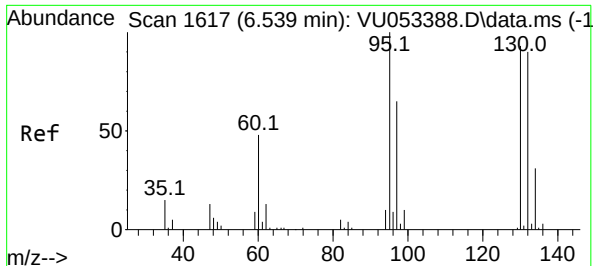
Tgt Ion:117 Resp: 11017
Ion Ratio Lower Upper
117 100
119 98.9 77.7 116.5



#33
Benzene
Concen: 1.000 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion: 78 Resp: 36028



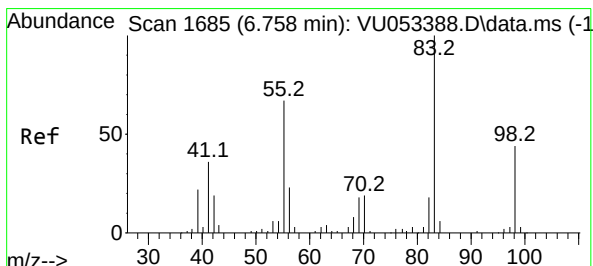
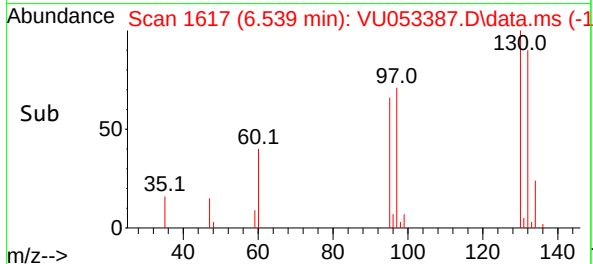
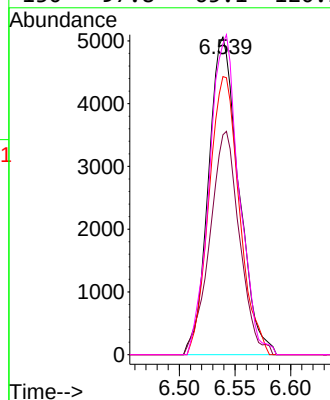
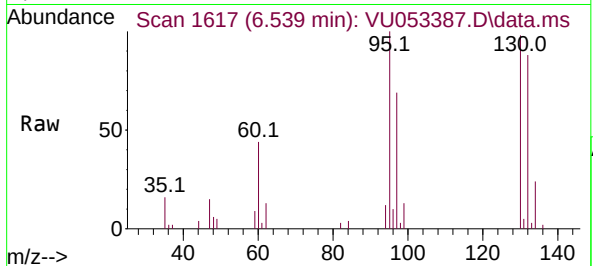


#34
Trichloroethene
Concen: 0.947 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 9584

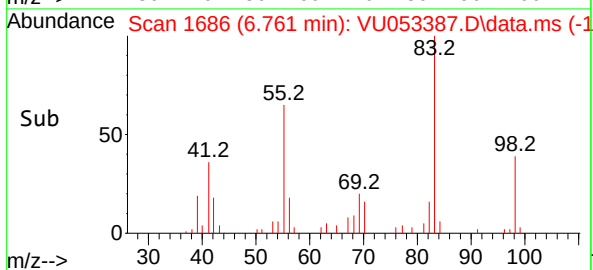
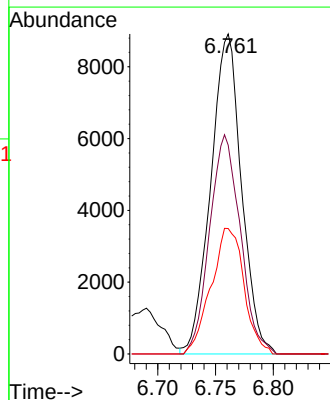
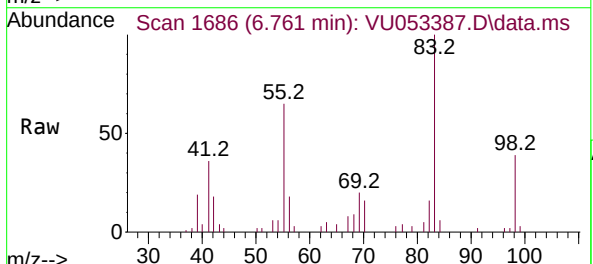
Ion	Ratio	Lower	Upper
95	100		
97	69.2	45.3	84.1
132	87.6	62.8	116.6
130	97.8	65.1	120.9

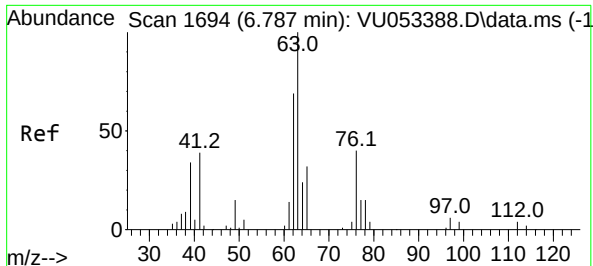


#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion: 83 Resp: 16519

Ion	Ratio	Lower	Upper
83	100		
55	68.3	54.9	82.3
98	42.0	34.9	52.3





#37

1,2-Dichloropropane

Concen: 0.950 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

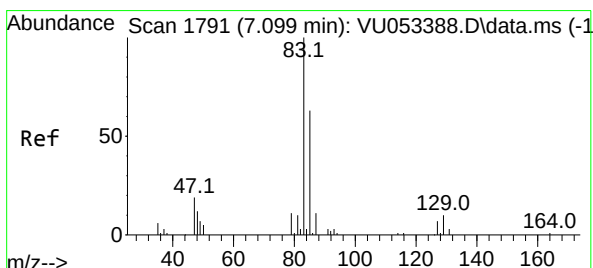
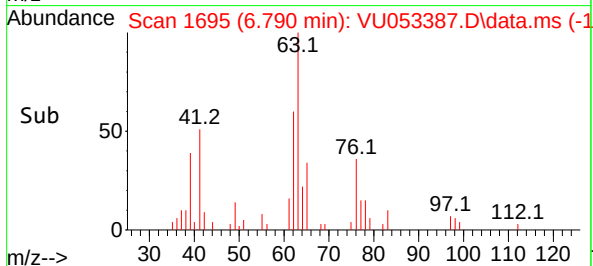
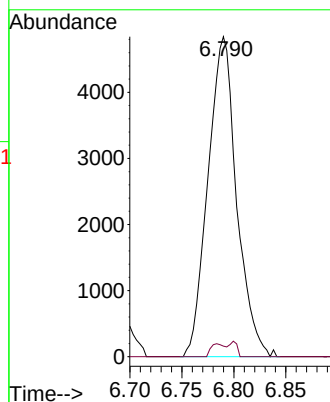
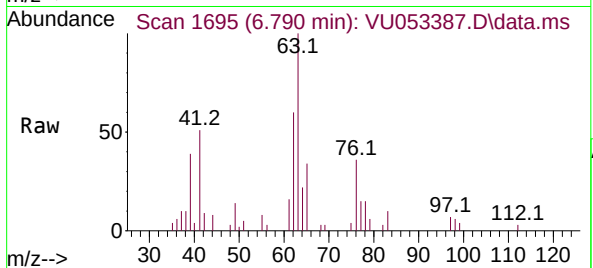
ClientSampleId :

Tgt Ion: 63 Resp: 9297

Ion Ratio Lower Upper

63 100

112 2.0 3.0 4.4#



#38

Bromodichloromethane

Concen: 0.835 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

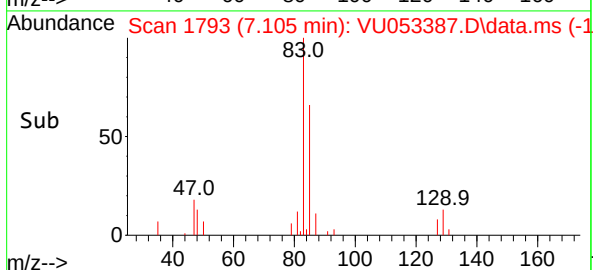
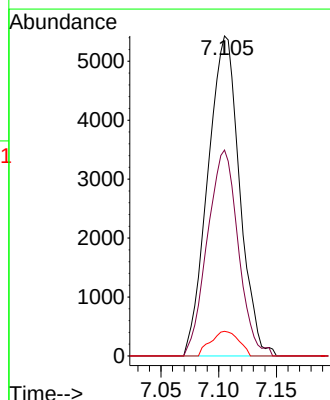
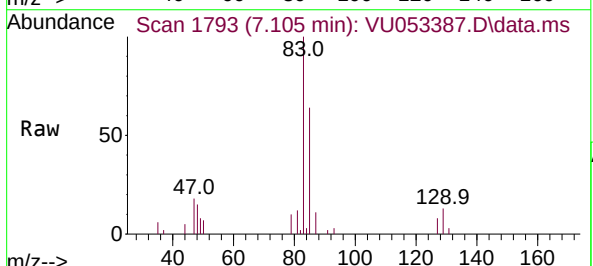
Tgt Ion: 83 Resp: 10392

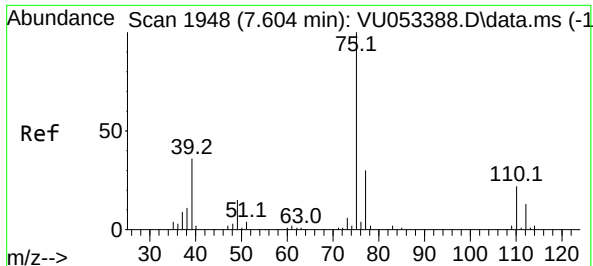
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 7.7 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 0.844 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

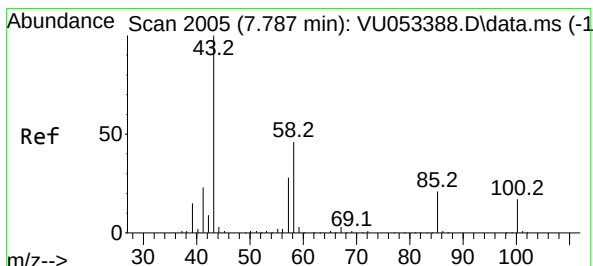
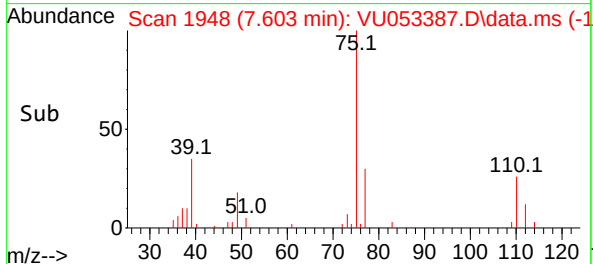
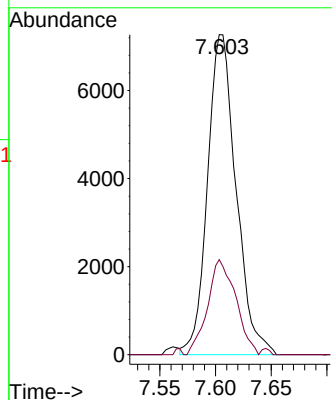
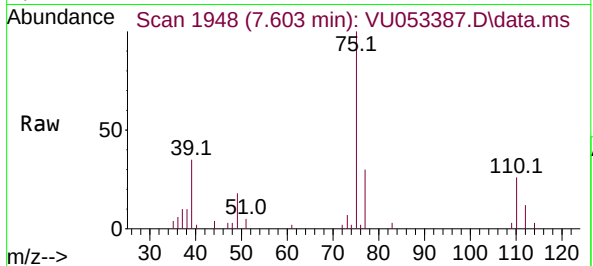
ClientSampleId :

Tgt Ion: 75 Resp: 12965

Ion Ratio Lower Upper

75 100

77 29.7 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 8.982 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

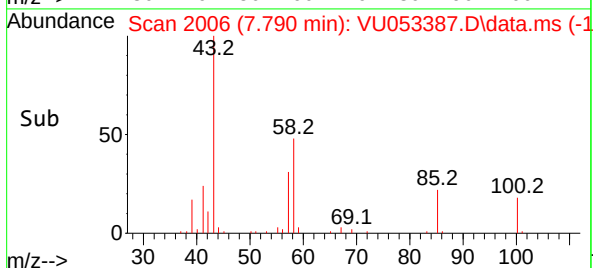
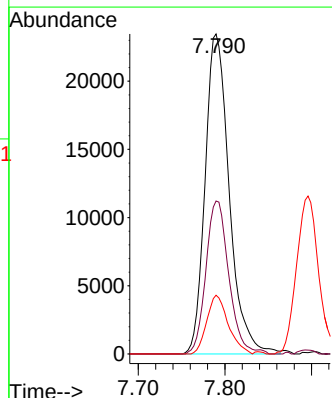
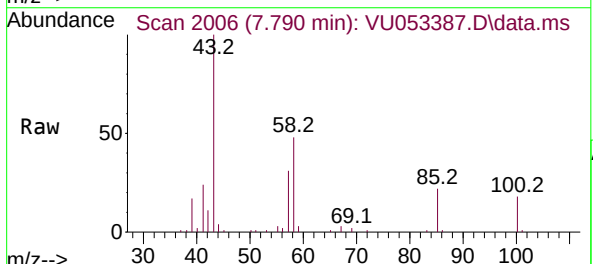
Tgt Ion: 43 Resp: 45422

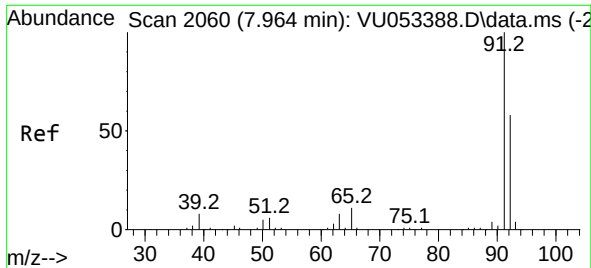
Ion Ratio Lower Upper

43 100

58 45.5 37.4 56.0

100 16.3 14.0 21.0





#42

Toluene

Concen: 0.959 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

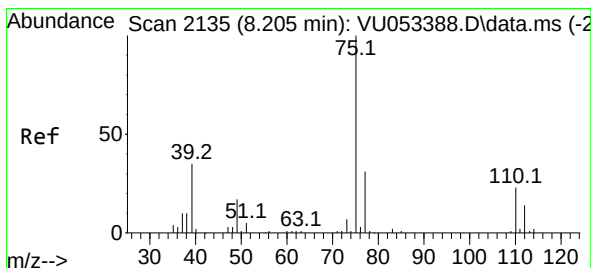
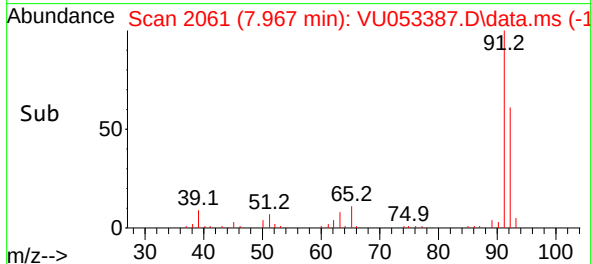
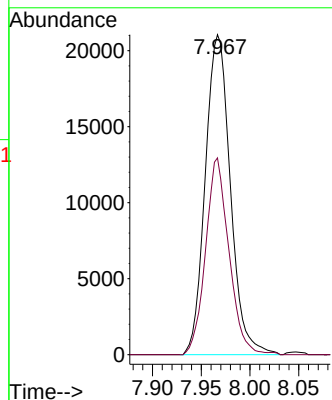
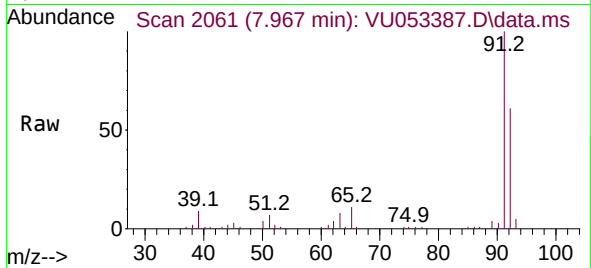
ClientSampleId :

Tgt Ion: 91 Resp: 37724

Ion Ratio Lower Upper

91 100

92 61.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.821 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU053387.D

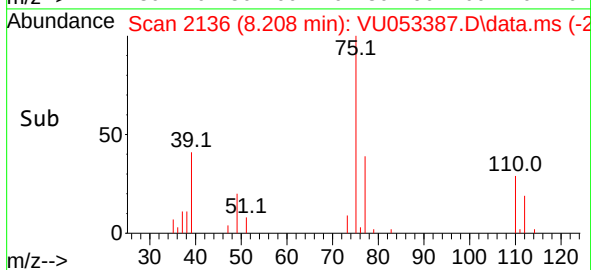
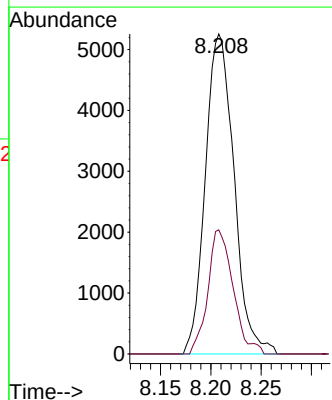
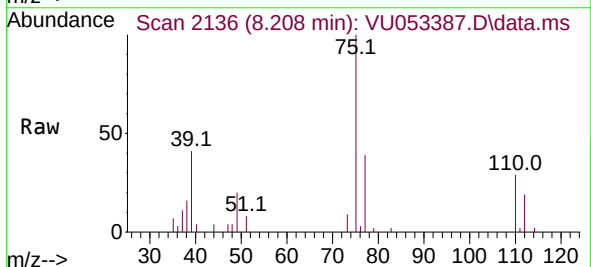
Acq: 24 Mar 2023 12:43

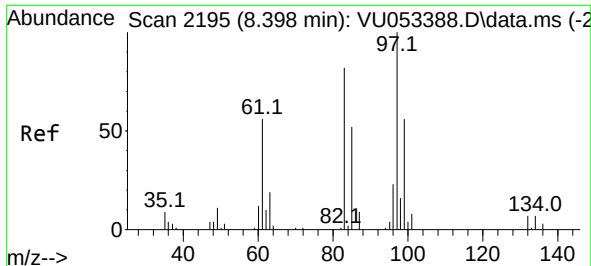
Tgt Ion: 75 Resp: 10433

Ion Ratio Lower Upper

75 100

77 38.8 22.0 40.8

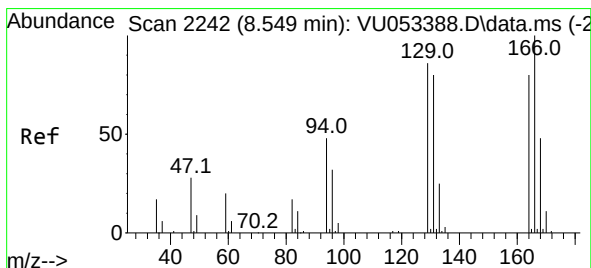
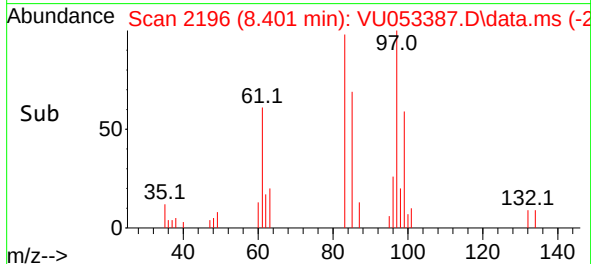
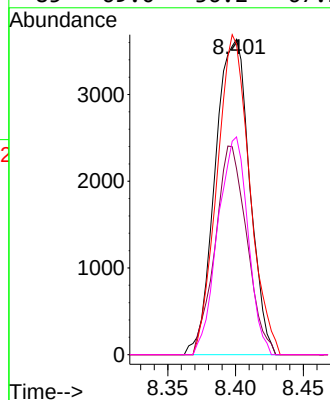
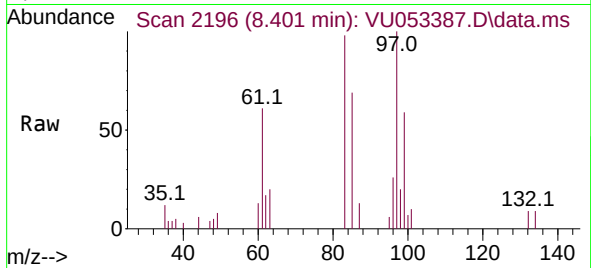




#45
1,1,2-Trichloroethane
Concen: 0.906 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

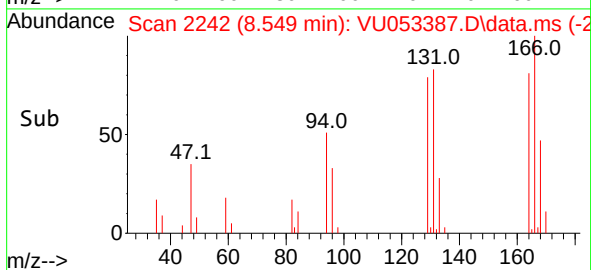
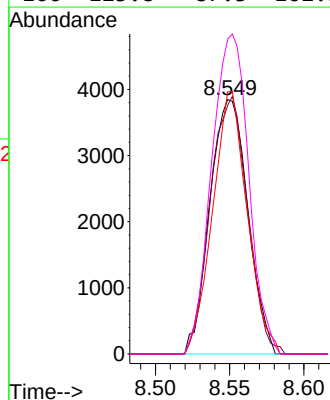
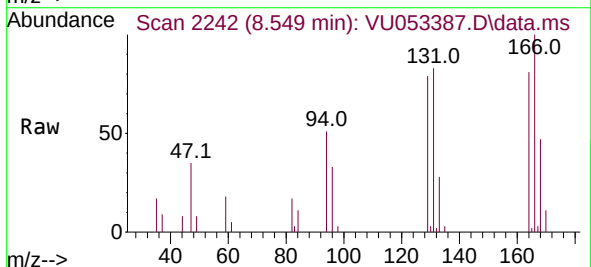
Instrument :
MSVOA_U
ClientSampleId :

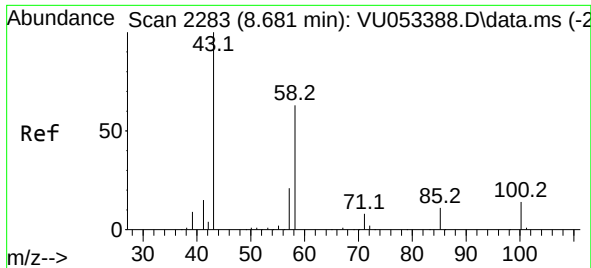
Tgt Ion: 97	Resp: 6412
Ion Ratio	Lower Upper
97 100	
99 59.0	38.9 72.2
83 98.4	57.6 107.0
85 69.0	36.2 67.2



#47
Tetrachloroethene
Concen: 1.024 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

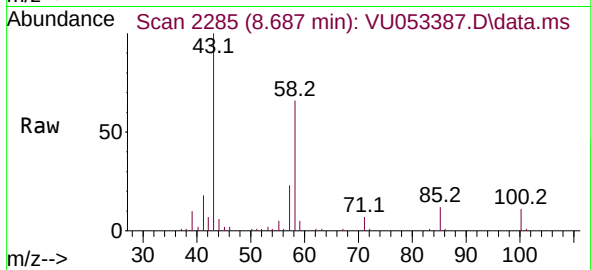
Tgt Ion: 164	Resp: 6841
Ion Ratio	Lower Upper
164 100	
129 97.8	74.8 138.8
131 103.1	70.1 130.1
166 123.8	87.3 162.1



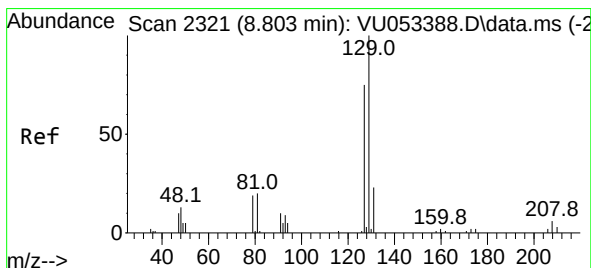
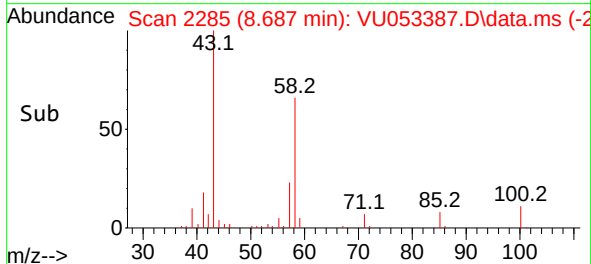
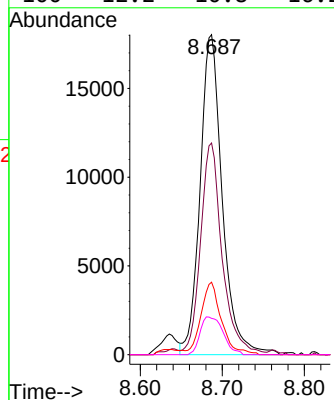


#48
2-Hexanone
Concen: 9.107 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Instrument :
MSVOA_U
ClientSampleId :

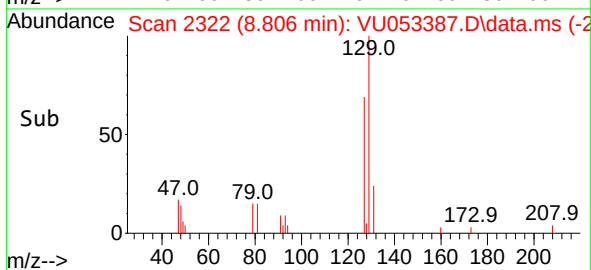
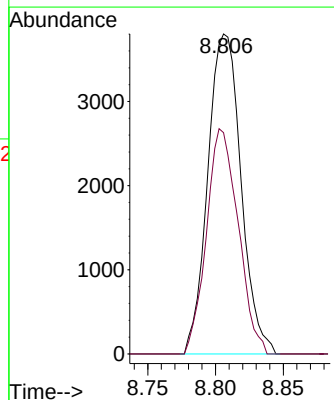
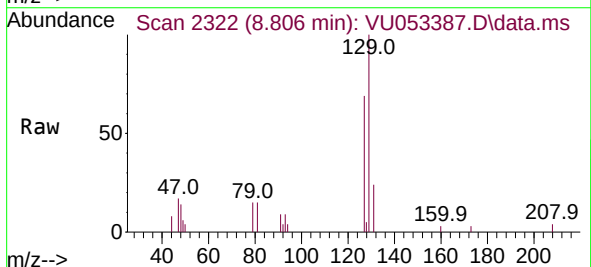


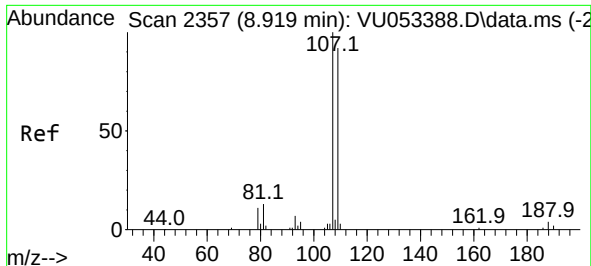
Tgt Ion: 43	Resp: 33968
Ion Ratio	Lower Upper
43 100	
58 62.8	52.8 79.2
57 20.8	17.1 25.7
100 12.2	10.8 16.2



#49
Dibromochloromethane
Concen: 0.860 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion:129	Resp: 6491		
Ion Ratio	Lower	Upper	
129 100			
127 69.2	52.2	97.0	





#50

1,2-Dibromoethane

Concen: 0.951 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053387.D

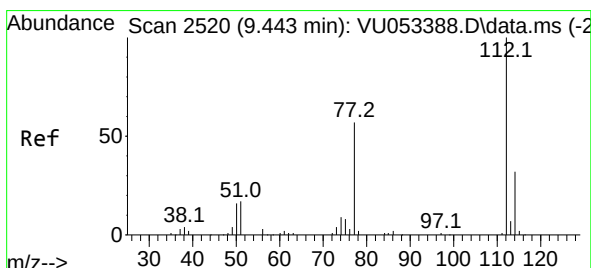
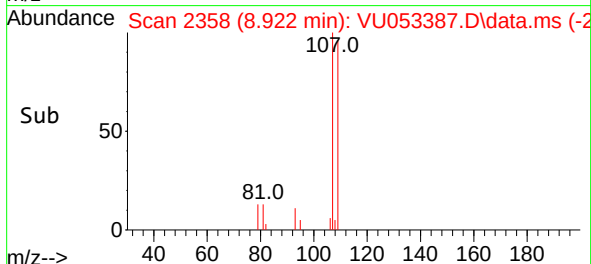
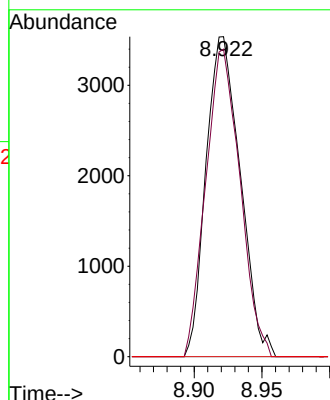
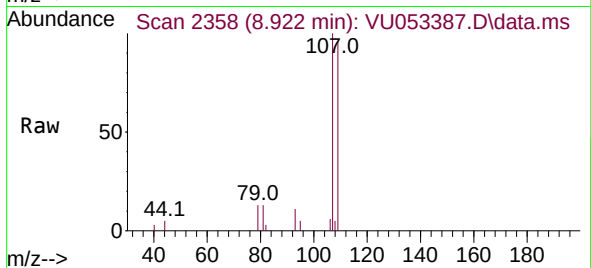
Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	6214
Ion	Ratio	Lower Upper
107	100	
109	96.1	64.7 120.1
188	0.0	3.0 4.6#



#51

Chlorobenzene

Concen: 0.954 ug/L

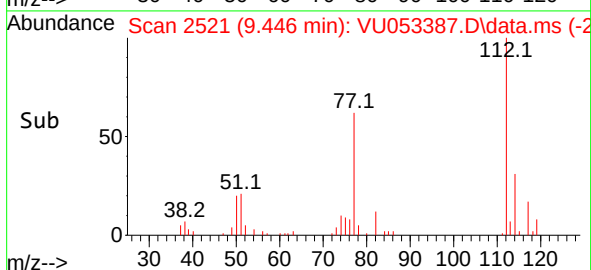
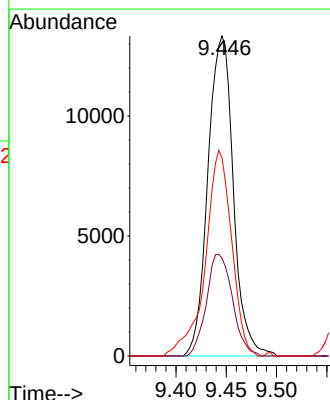
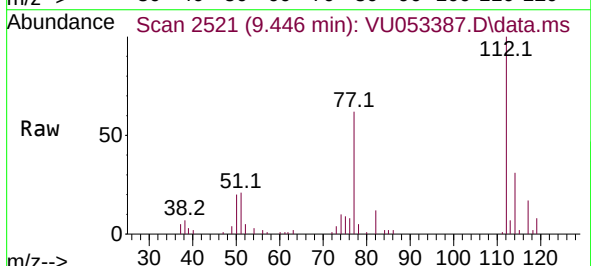
RT: 9.446 min Scan# 2521

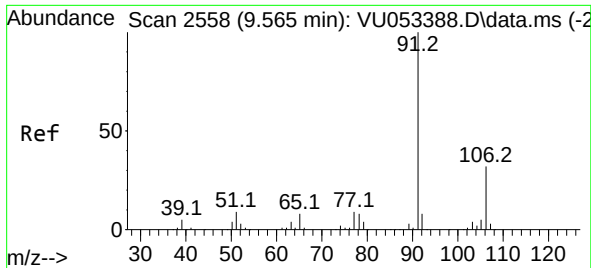
Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Tgt Ion:112	Resp:	23469
Ion	Ratio	Lower Upper
112	100	
114	30.6	22.1 41.1
77	62.0	45.8 68.6

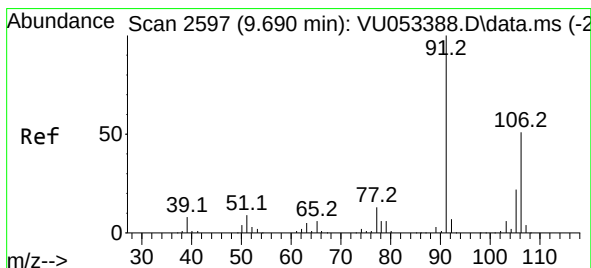
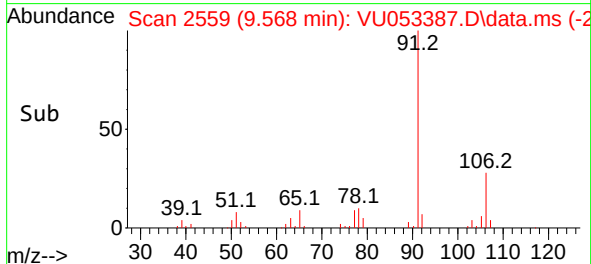
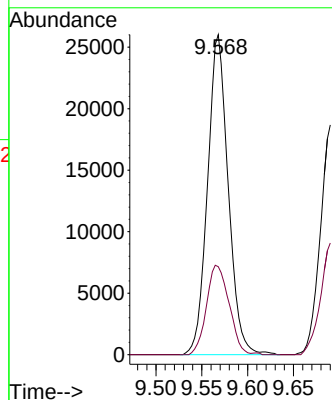
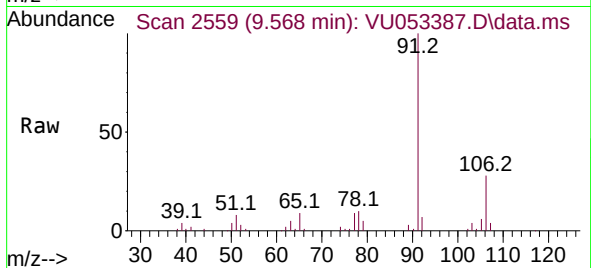




#52
Ethylbenzene
Concen: 0.922 ug/L
RT: 9.568 min Scan# 2558
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

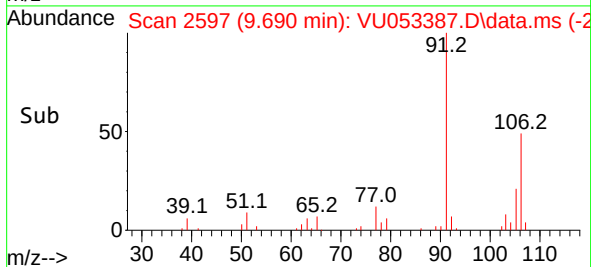
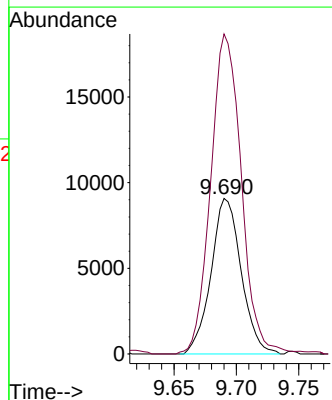
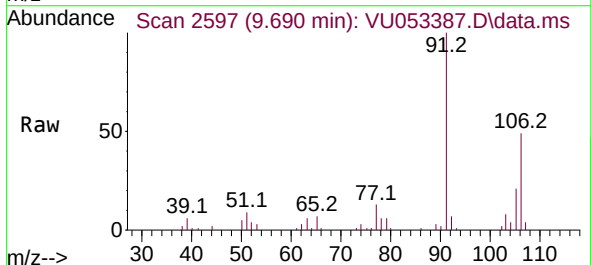
Instrument :
MSVOA_U
ClientSampleId :

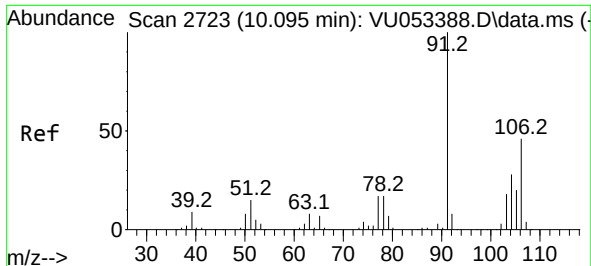
Tgt Ion: 91 Resp: 40787
Ion Ratio Lower Upper
91 100
106 27.5 22.5 41.9



#53
m,p-Xylene
Concen: 0.920 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion: 106 Resp: 15323
Ion Ratio Lower Upper
106 100
91 205.8 138.8 257.8

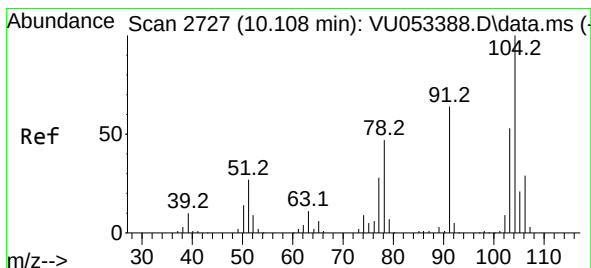
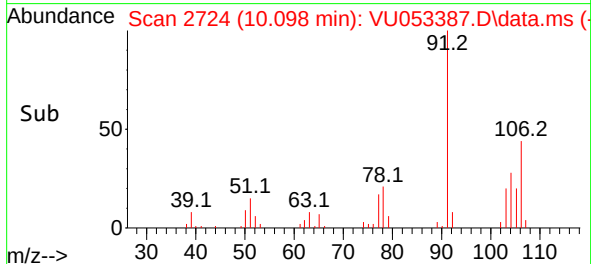
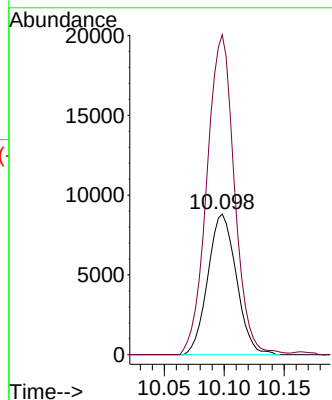
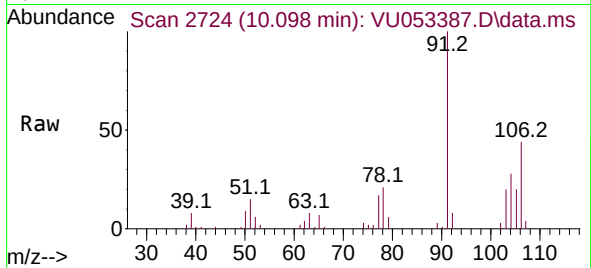




#54
o-Xylene
Concen: 0.906 ug/L
RT: 10.098 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

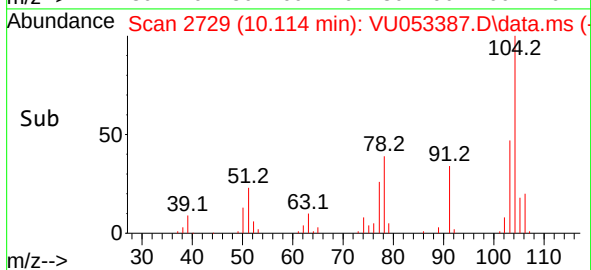
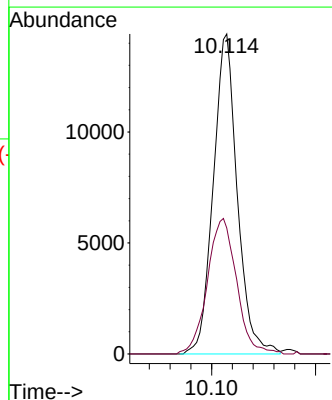
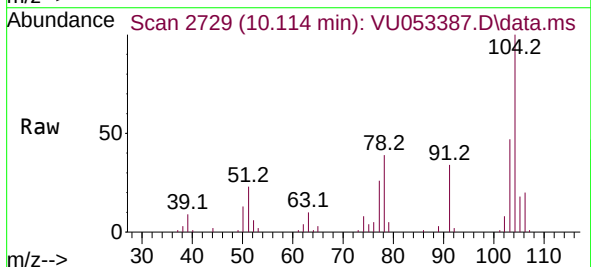
Instrument :
MSVOA_U
ClientSampleId :

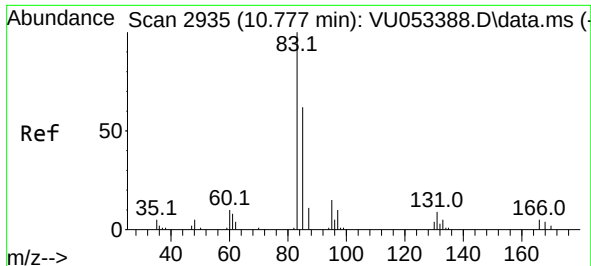
Tgt Ion:106 Resp: 14562
Ion Ratio Lower Upper
106 100
91 227.6 150.8 280.0



#55
Styrene
Concen: 0.892 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. 0.006 min
Lab File: VU053387.D
Acq: 24 Mar 2023 12:43

Tgt Ion:104 Resp: 23134
Ion Ratio Lower Upper
104 100
78 39.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.921 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053387.D

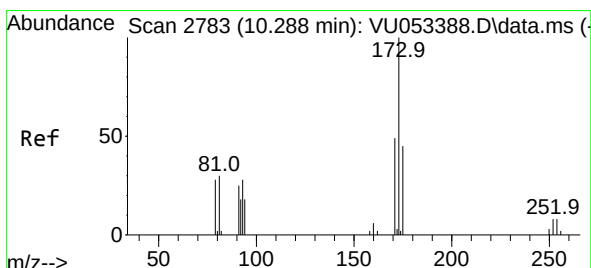
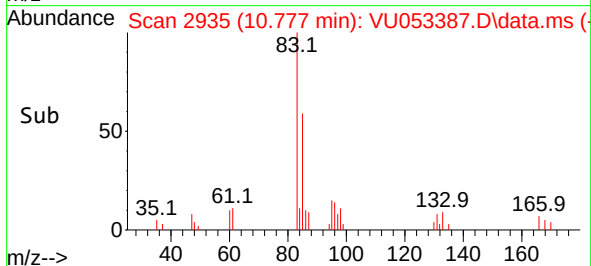
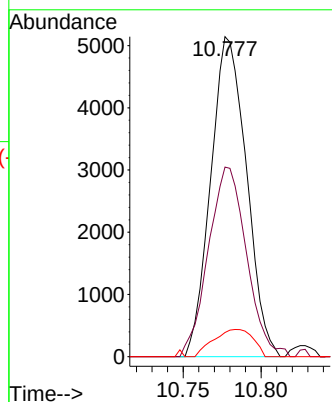
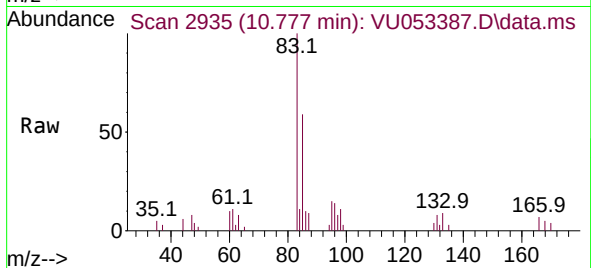
Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	8211
Ion	Ratio	Lower	Upper
83	100		
85	59.3	43.8	81.4
131	7.6	7.2	10.8



#59

Bromoform

Concen: 0.703 ug/L

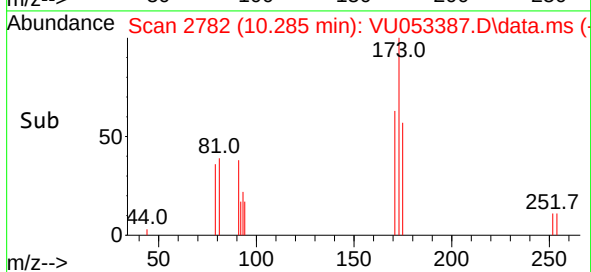
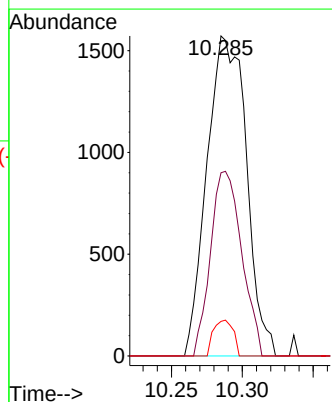
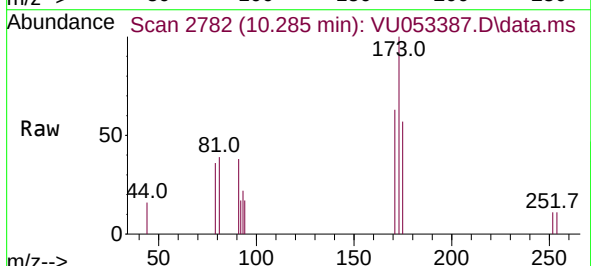
RT: 10.285 min Scan# 2782

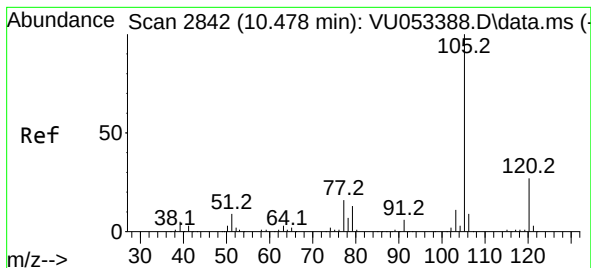
Delta R.T. -0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Tgt Ion:	173	Resp:	3044
Ion	Ratio	Lower	Upper
173	100		
175	45.7	39.9	59.9
254	5.6	6.6	9.8





#60

Isopropylbenzene

Concen: 0.897 ug/L

RT: 10.481 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

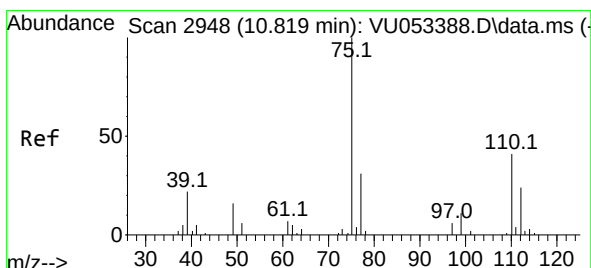
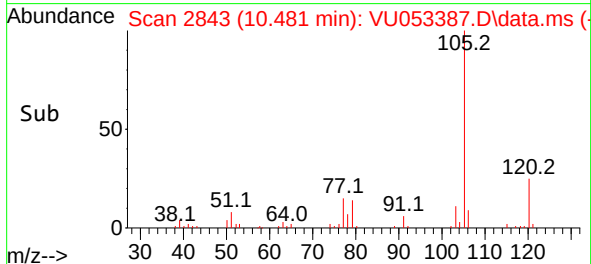
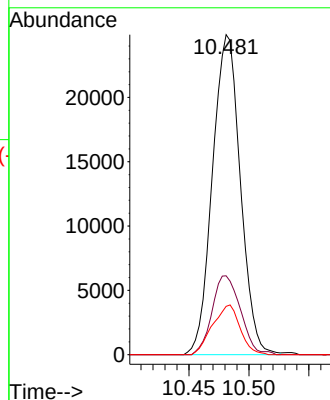
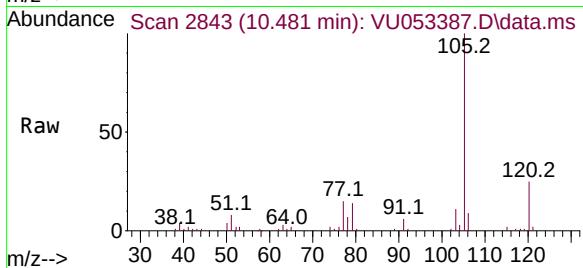
Tgt Ion:105 Resp: 40203

Ion Ratio Lower Upper

105 100

120 25.1 21.5 32.3

77 15.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 0.915 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

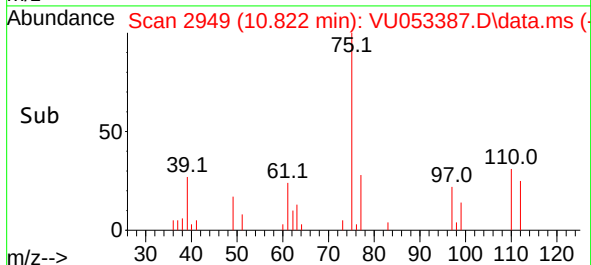
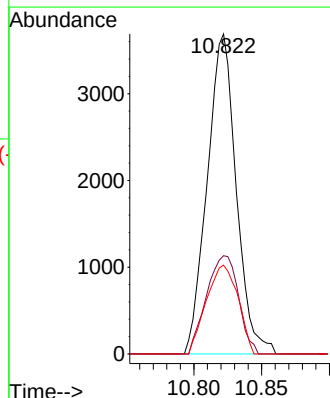
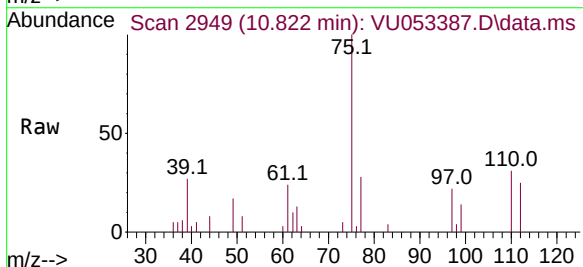
Tgt Ion: 75 Resp: 5490

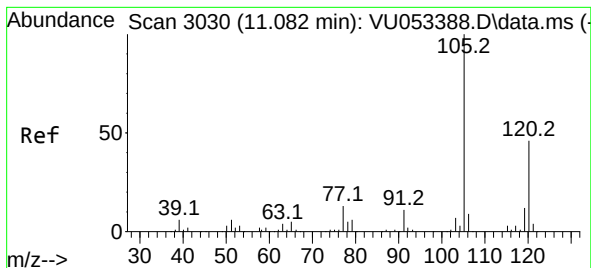
Ion Ratio Lower Upper

75 100

110 33.8 30.6 46.0

77 30.3 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 0.829 ug/L

RT: 11.086 min Scan# 3030

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

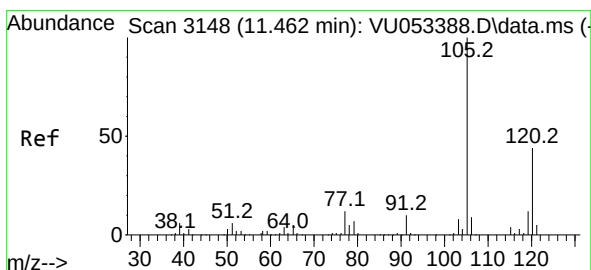
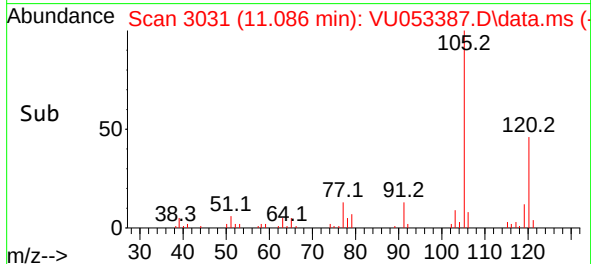
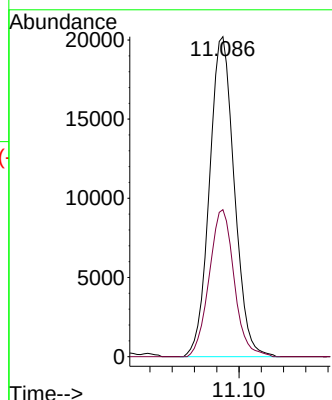
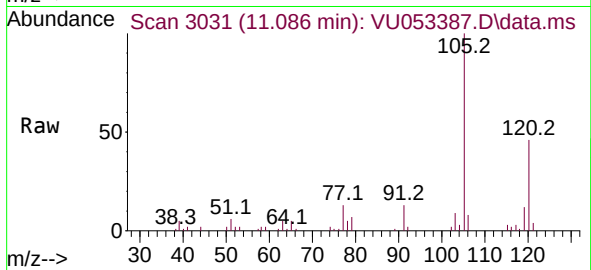
ClientSampleId :

Tgt Ion:105 Resp: 31306

Ion Ratio Lower Upper

105 100

120 46.2 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 0.834 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU053387.D

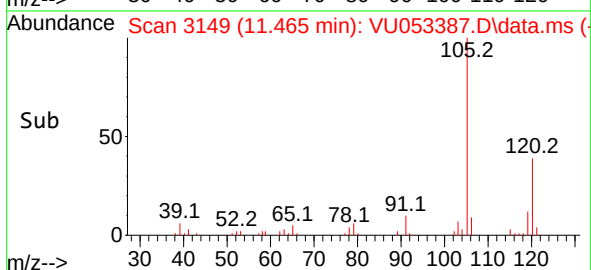
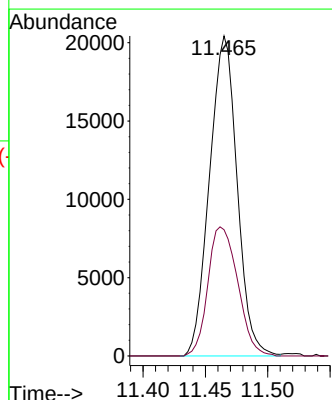
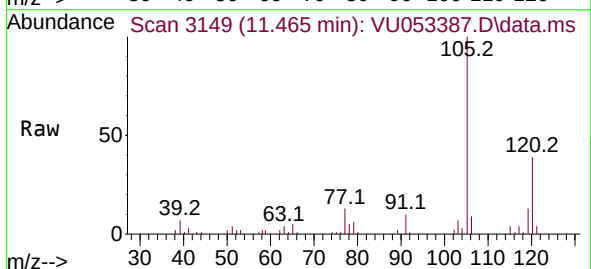
Acq: 24 Mar 2023 12:43

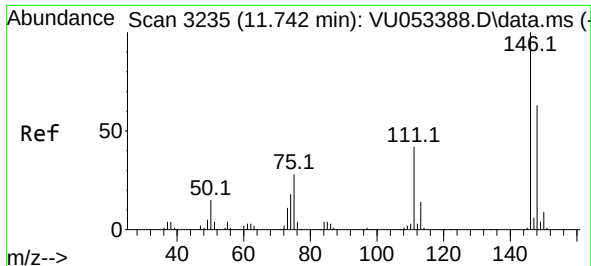
Tgt Ion:105 Resp: 31540

Ion Ratio Lower Upper

105 100

120 43.4 35.4 53.0

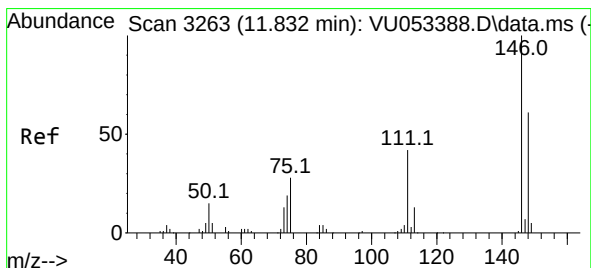
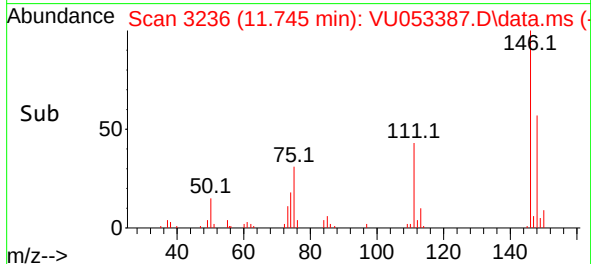
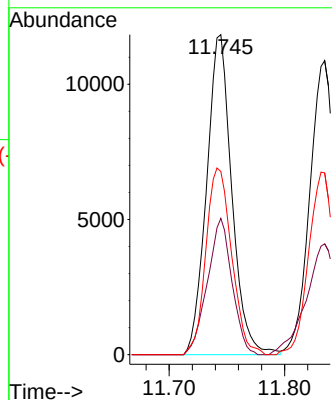
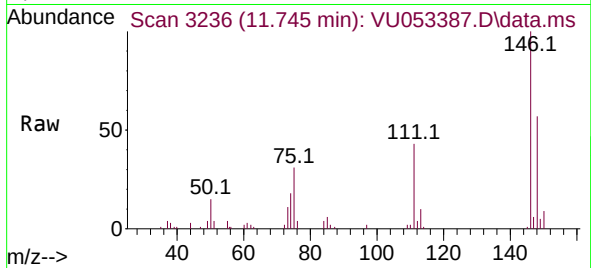




#64
 1,3-Dichlorobenzene
 Concen: 0.974 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

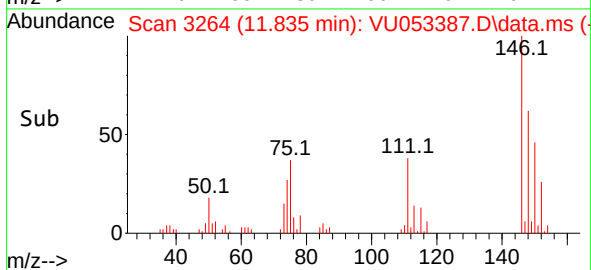
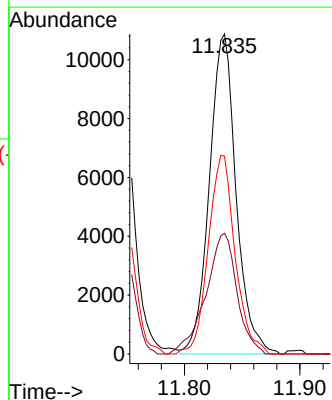
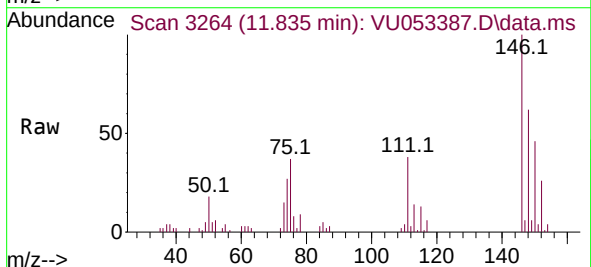
Instrument :
 MSVOA_U
 ClientSampleId :

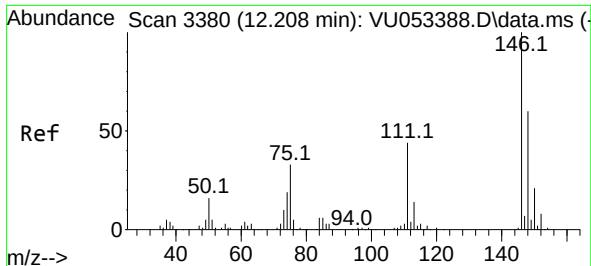
Tgt Ion:146 Resp: 17956
 Ion Ratio Lower Upper
 146 100
 111 42.6 29.4 54.6
 148 57.3 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 0.948 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Tgt Ion:146 Resp: 17530
 Ion Ratio Lower Upper
 146 100
 111 37.7 29.8 55.4
 148 61.8 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 0.961 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

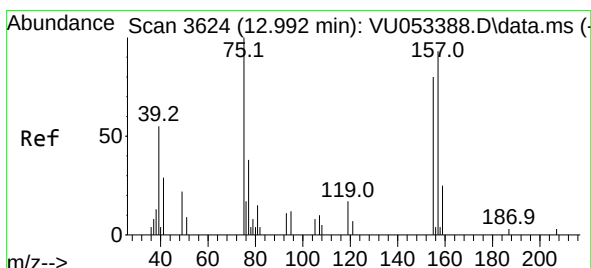
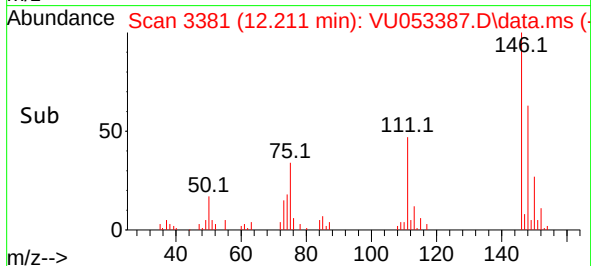
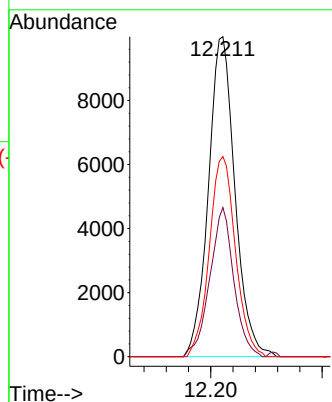
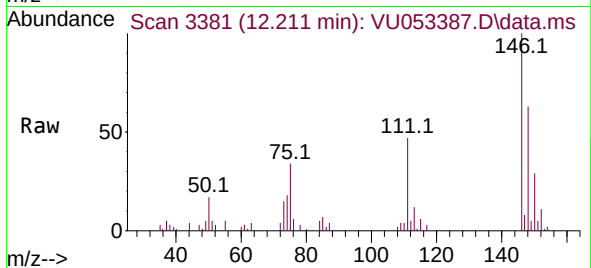
Tgt Ion:146 Resp: 16541

Ion Ratio Lower Upper

146 100

111 46.6 35.0 52.6

148 62.6 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.569 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

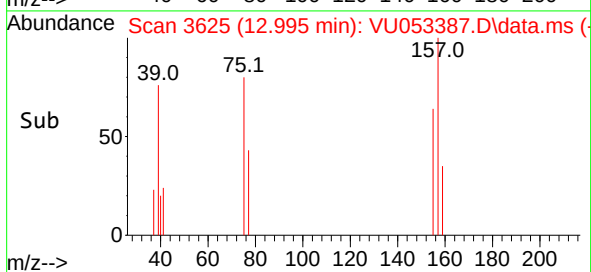
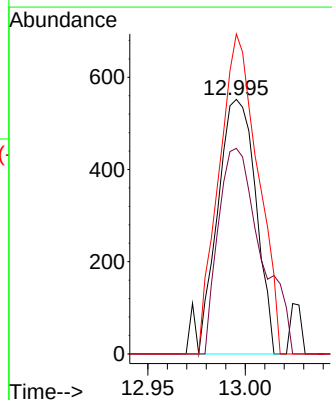
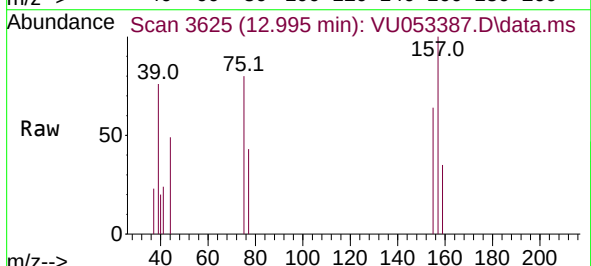
Tgt Ion: 75 Resp: 767

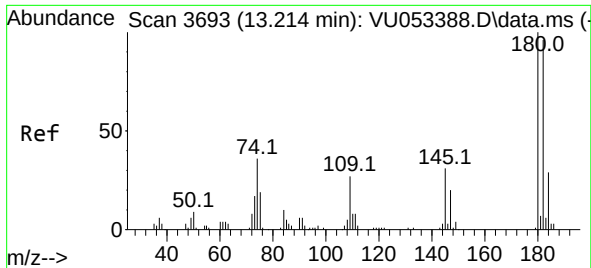
Ion Ratio Lower Upper

75 100

155 80.8 63.9 95.9

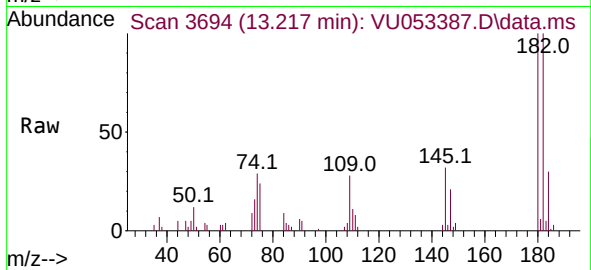
157 125.7 74.1 111.1#



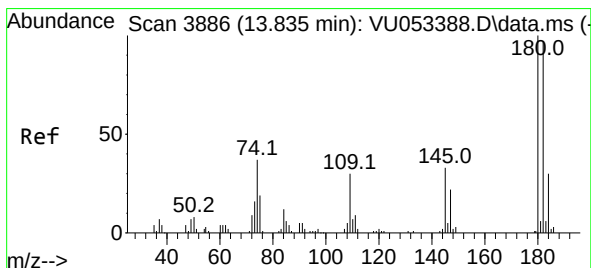
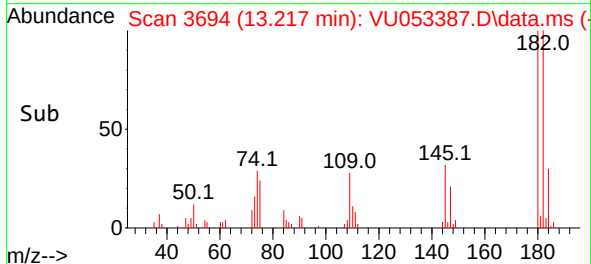
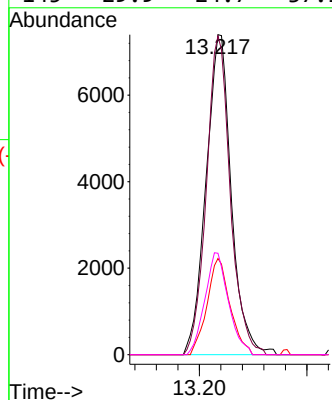


#69
 1,3,5-Trichlorobenzene
 Concen: 0.924 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.003 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Instrument :
 MSVOA_U
 ClientSampleId :

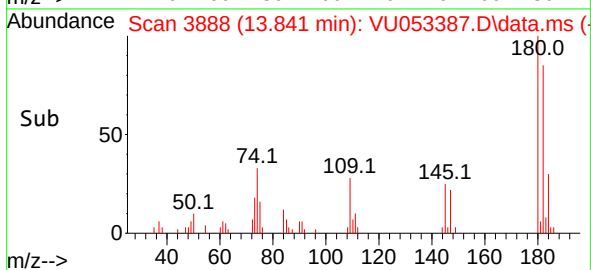
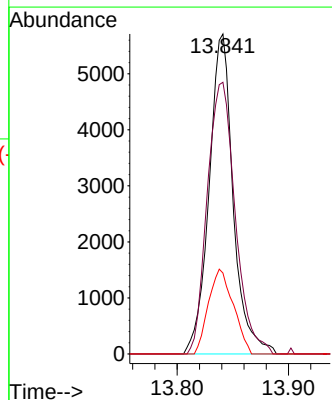
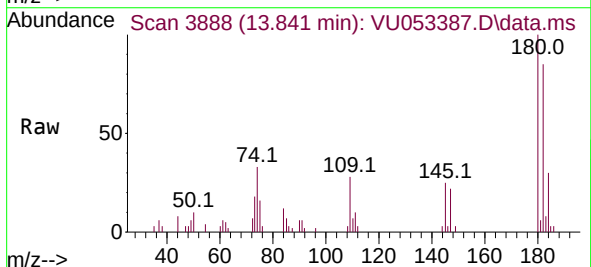


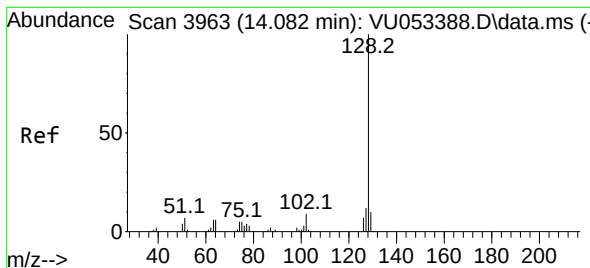
Tgt Ion:180 Resp: 12035
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.7 115.1
 184 27.3 24.1 36.1
 145 29.9 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.799 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU053387.D
 Acq: 24 Mar 2023 12:43

Tgt Ion:180 Resp: 8584
 Ion Ratio Lower Upper
 180 100
 182 98.5 75.4 113.2
 145 27.4 25.8 38.8





#71

Naphthalene

Concen: 0.752 ug/L

RT: 14.085 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VU053387.D

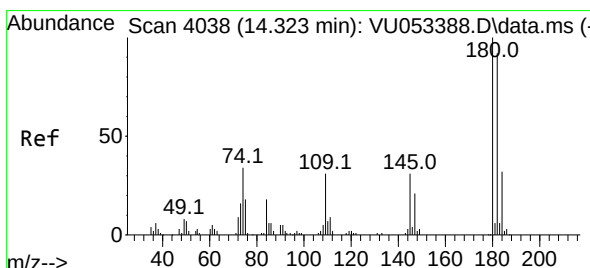
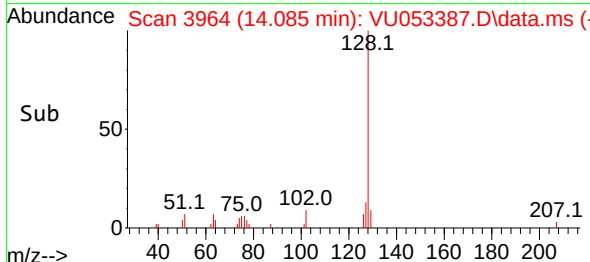
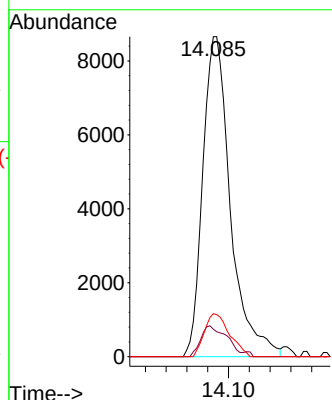
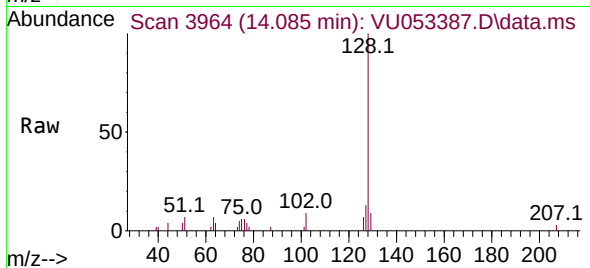
Acq: 24 Mar 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	16028
Ion Ratio	Lower	Upper
128	100	
129	9.4	8.2 12.4
127	12.1	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 0.791 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU053387.D

Acq: 24 Mar 2023 12:43

Tgt Ion:180	Resp:	7476
Ion Ratio	Lower	Upper
180	100	
182	104.1	74.8 112.2
145	33.1	26.3 39.5

