

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053389.D
 Acq On : 24 Mar 2023 13:31
 Operator : JC/MD
 Sample : VSTD01016
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 24 22:45:35 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	6.244	114	145889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	74892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111553	14.315	ug/L	0.00
7) Chloroethane-d5	1.912	69	100229	13.839	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	47376	13.328	ug/L	0.00
20) 2-Butanone-d5	4.636	46	264002	119.455	ug/L	0.00
24) Chloroform-d	5.057	84	210812	12.423	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	105812	12.245	ug/L	0.00
32) Benzene-d6	5.723	84	432384	12.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	130560	11.531	ug/L	0.00
41) Toluene-d8	7.893	98	404400	13.196	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	52296	11.585	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	217576	110.221	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	112577	11.729	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	145386	12.194	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	109305	10.205	ug/L	100
3) Chloromethane	1.517	50	107897	9.789	ug/L	99
5) Vinyl chloride	1.604	62	122819	10.155	ug/L	99
6) Bromomethane	1.858	94	79043	10.486	ug/L	96
8) Chloroethane	1.935	64	71713	9.909	ug/L	96
9) Trichlorofluoromethane	2.138	101	190366	11.073	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96587	10.362	ug/L	98
12) 1,1-Dichloroethene	2.578	96	87892	10.256	ug/L	93
13) Acetone	2.655	43	130105	85.247	ug/L #	50
14) Carbon disulfide	2.790	76	258645	10.145	ug/L	98
15) Methyl Acetate	2.954	43	34114	9.521	ug/L	97
16) Methylene chloride	3.044	84	95781	9.617	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	213853	9.408	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	88323	9.708	ug/L	98
19) 1,1-Dichloroethane	3.864	63	165676	9.787	ug/L	97
21) 2-Butanone	4.713	43	217313	97.701	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	101149	9.844	ug/L	95
23) Bromochloromethane	4.970	128	44408	11.019	ug/L	95
25) Chloroform	5.083	83	171602	9.723	ug/L	97
27) 1,2-Dichloroethane	5.787	62	108941	10.040	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	146364	9.204	ug/L	98
30) Cyclohexane	5.385	56	155099	9.635	ug/L	98
31) Carbon tetrachloride	5.520	117	123341	9.330	ug/L	98
33) Benzene	5.768	78	388415	9.983	ug/L	100
34) Trichloroethene	6.536	95	100799	9.224	ug/L	94
35) Methylcyclohexane	6.758	83	176245	9.850	ug/L	98
37) 1,2-Dichloropropane	6.787	63	101237	9.577	ug/L	99
38) Bromodichloromethane	7.099	83	116770	8.687	ug/L #	98
39) cis-1,3-Dichloropropene	7.604	75	153005	9.223	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	514016	94.089	ug/L	99
42) Toluene	7.964	91	425000	10.004	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	127371	9.273	ug/L	99

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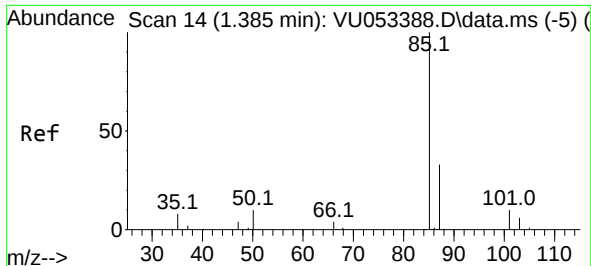
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 24 22:45:35 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.395	97	74445	9.736	ug/L	93
47) Tetrachloroethene	8.549	164	73966	10.244	ug/L	95
48) 2-Hexanone	8.681	43	376871	93.529	ug/L	99
49) Dibromochloromethane	8.806	129	76163	9.341	ug/L	99
50) 1,2-Dibromoethane	8.919	107	72465	10.263	ug/L #	98
51) Chlorobenzene	9.443	112	268051	10.083	ug/L	99
52) Ethylbenzene	9.565	91	472433	9.886	ug/L	97
53) m,p-Xylene	9.690	106	183040	10.174	ug/L	99
54) o-Xylene	10.095	106	174444	10.047	ug/L	97
55) Styrene	10.108	104	290419	10.369	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	95771	9.945	ug/L	97
59) Bromoform	10.285	173	40931	8.102	ug/L	99
60) Isopropylbenzene	10.478	105	475695	9.093	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	65354	9.333	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	389964	8.851	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	400728	9.075	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209152	9.721	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	205153	9.506	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	197517	9.832	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13458	8.558	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	142440	9.373	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	120535	9.609	ug/L	98
71) Naphthalene	14.082	128	237179	9.534	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	107921	9.788	ug/L	99

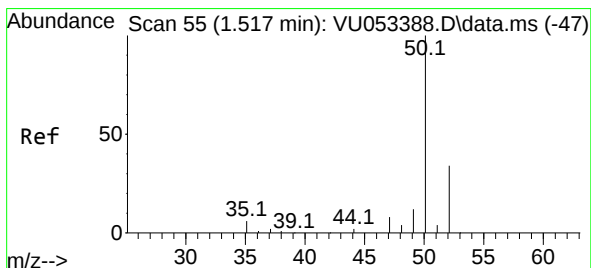
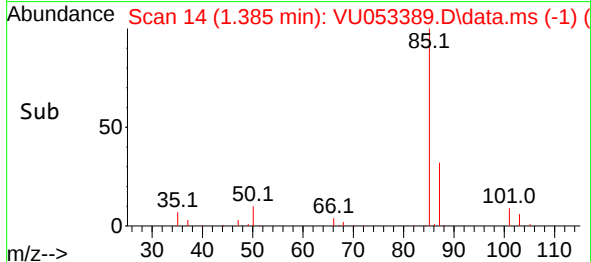
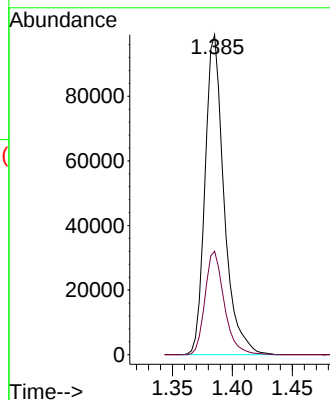
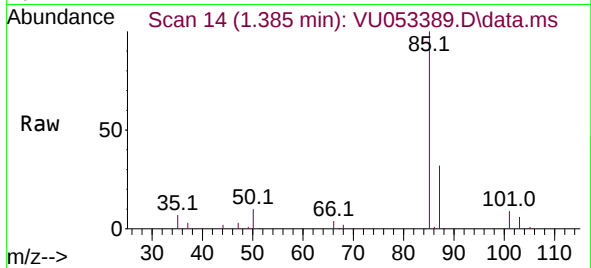
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 10.205 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

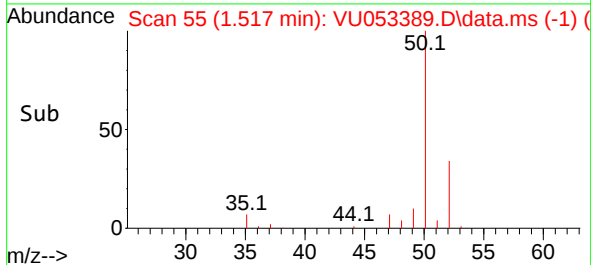
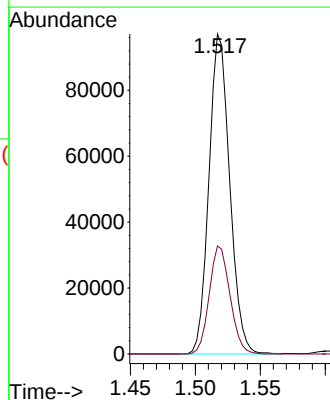
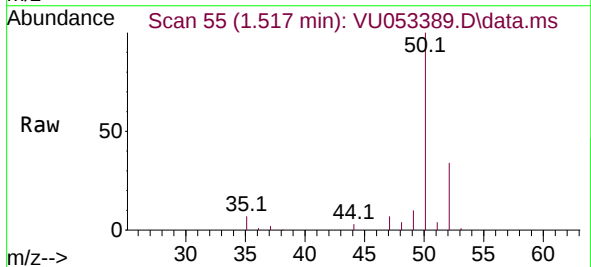
Instrument :
MSVOA_U
ClientSampleId :

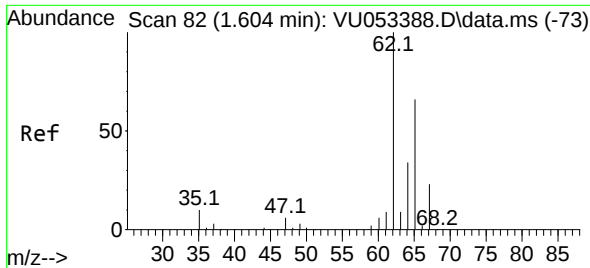
Tgt Ion: 85 Resp: 109305
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 9.789 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

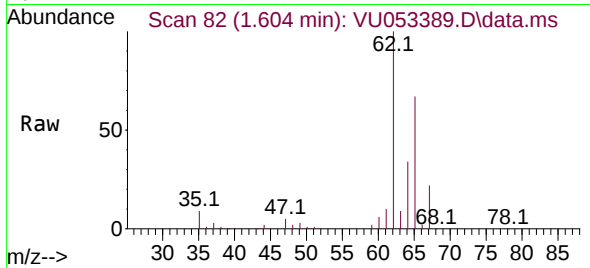
Tgt Ion: 50 Resp: 107897
Ion Ratio Lower Upper
50 100
52 33.7 23.9 44.3



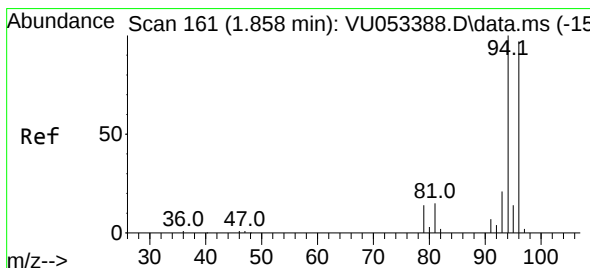
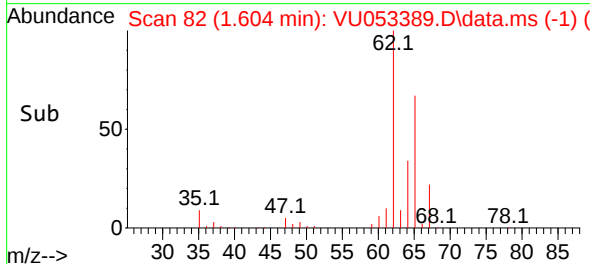
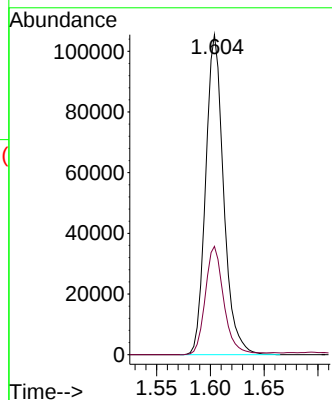


#5
 Vinyl chloride
 Concen: 10.155 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Instrument :
 MSVOA_U
 ClientSampleId :

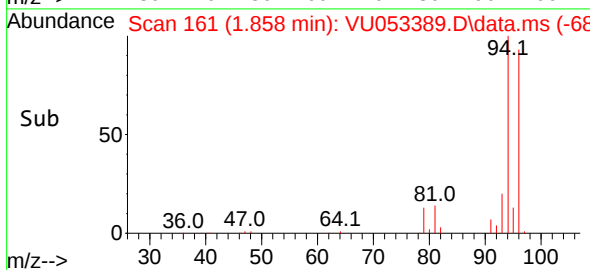
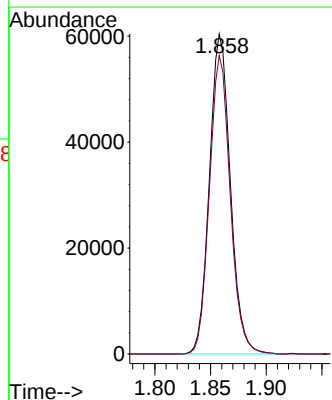
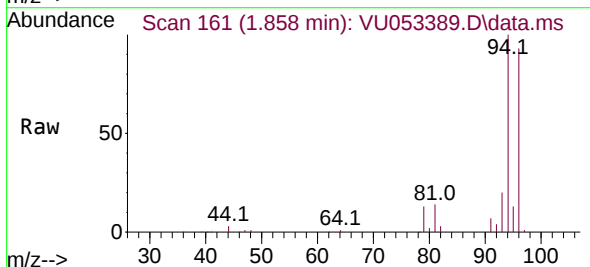


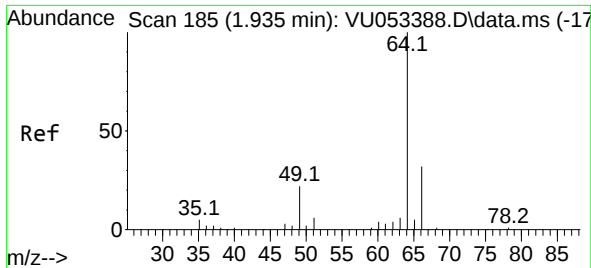
Tgt Ion: 62 Resp: 122819
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.1 44.7



#6
 Bromomethane
 Concen: 10.486 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Tgt Ion: 94 Resp: 79043
 Ion Ratio Lower Upper
 94 100
 96 93.2 68.3 126.8

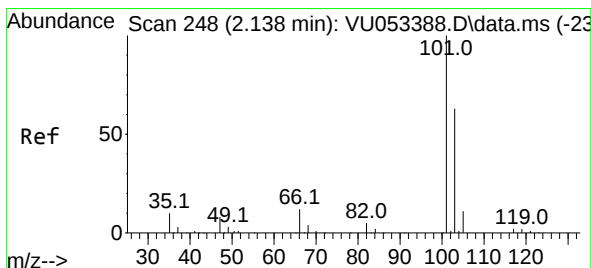
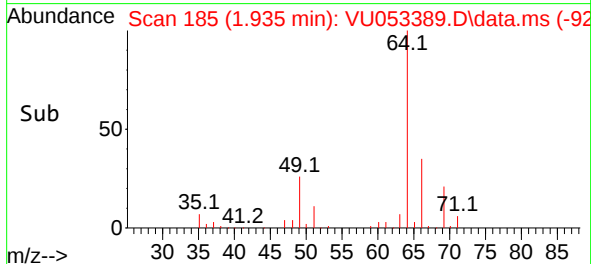
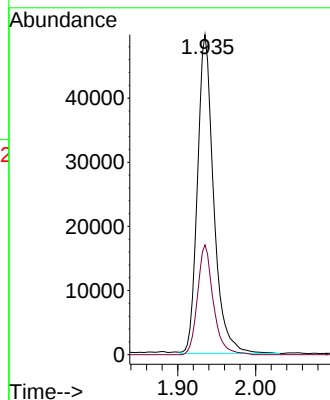
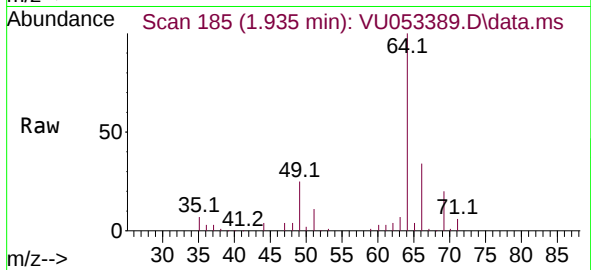




#8
Chloroethane
Concen: 9.909 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

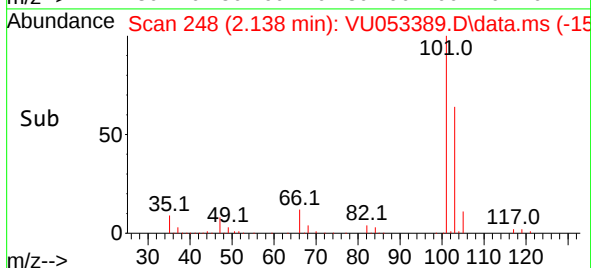
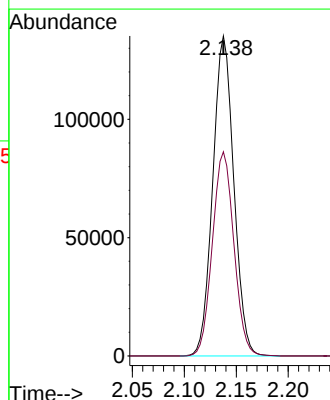
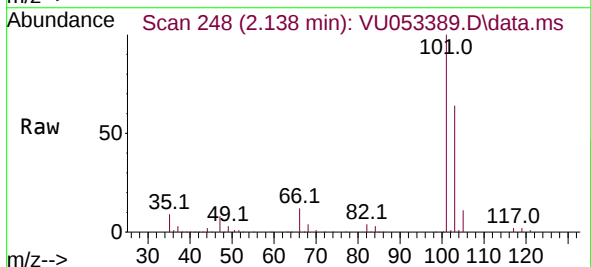
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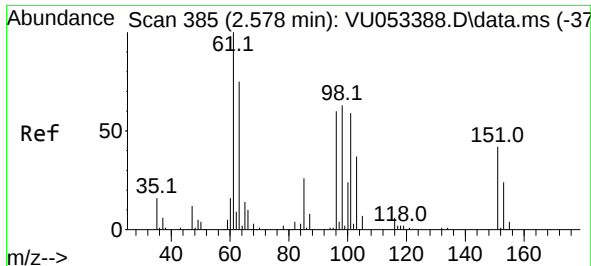
Tgt Ion: 64 Resp: 71713
Ion Ratio Lower Upper
64 100
66 34.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 11.073 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion:101 Resp: 190366
Ion Ratio Lower Upper
101 100
103 65.3 50.2 75.2

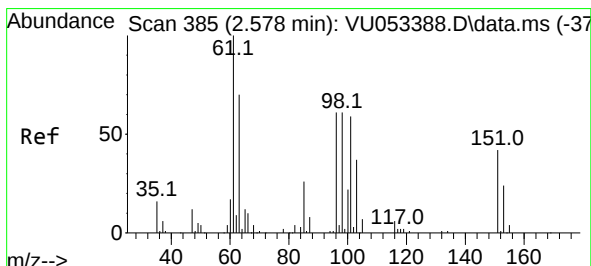
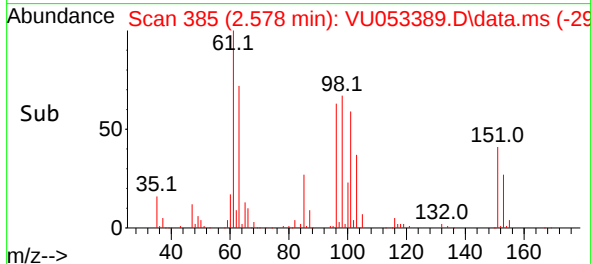
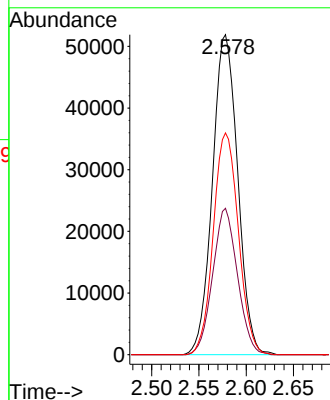
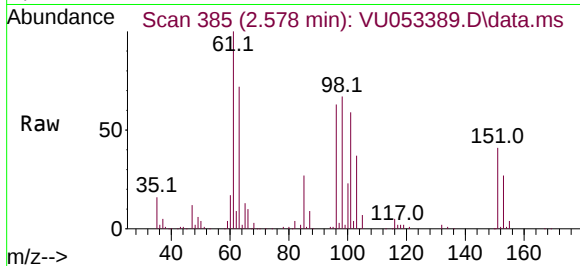




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.362 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

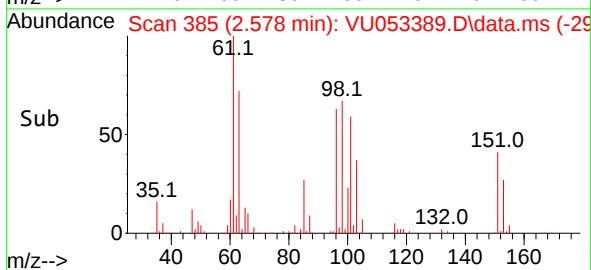
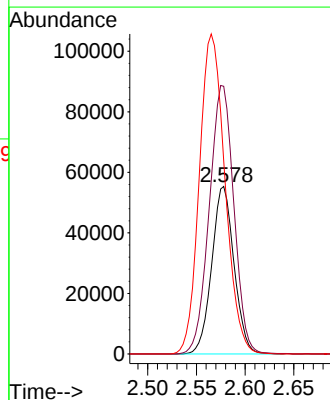
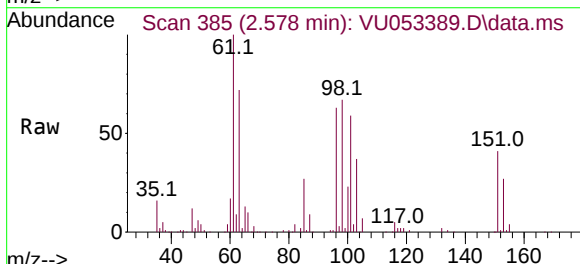
Instrument :
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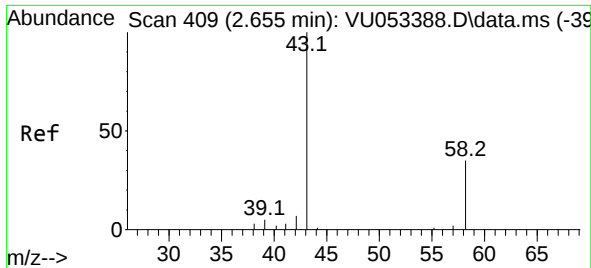
Tgt Ion:	101	Resp:	96587
Ion	Ratio	Lower	Upper
101	100		
85	44.8	37.0	55.4
151	68.9	56.8	85.2



#12
 1,1-Dichloroethene
 Concen: 10.256 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Tgt Ion:	96	Resp:	87892
Ion	Ratio	Lower	Upper
96	100		
61	159.8	116.8	216.8
63	115.2	88.6	164.6





#13

Acetone

Concen: 85.247 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

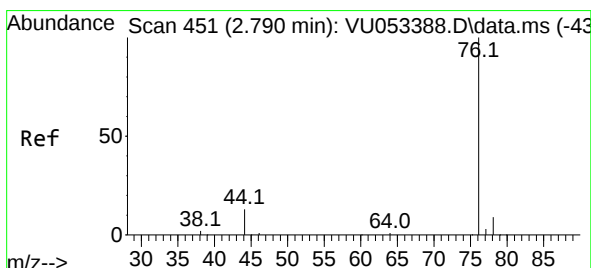
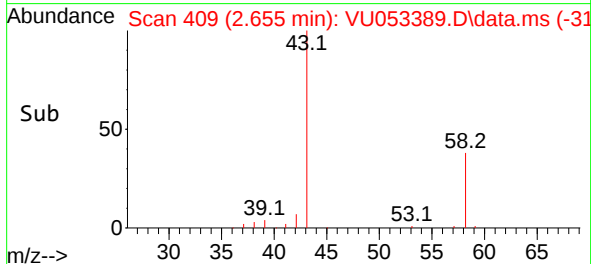
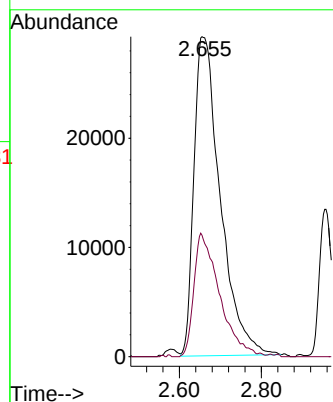
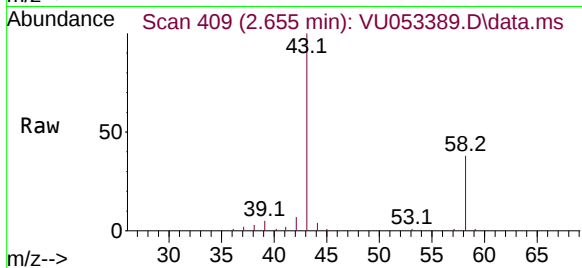
ClientSampleId :

Tgt Ion: 43 Resp: 130105

Ion Ratio Lower Upper

43 100

58 37.5 0.0 32.2#



#14

Carbon disulfide

Concen: 10.145 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU053389.D

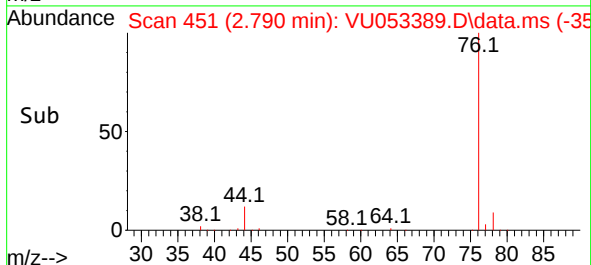
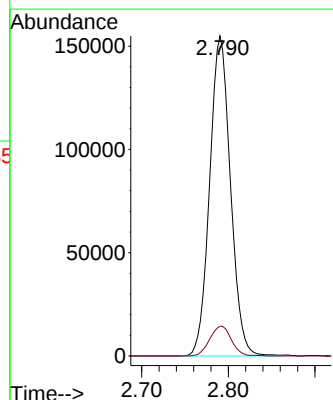
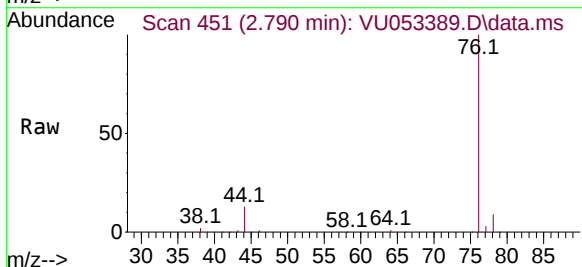
Acq: 24 Mar 2023 13:31

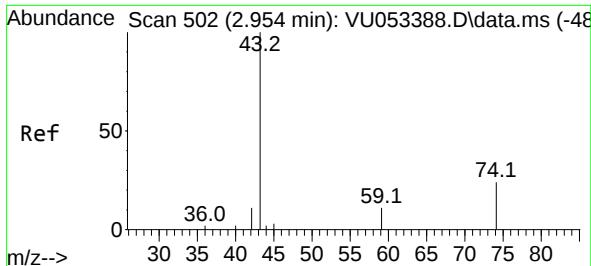
Tgt Ion: 76 Resp: 258645

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

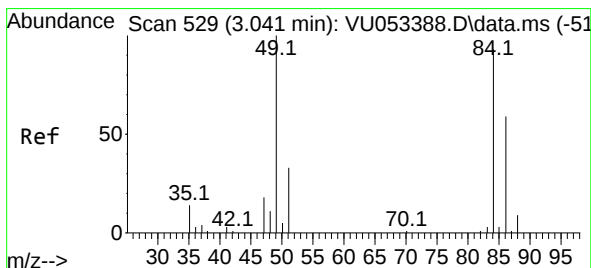
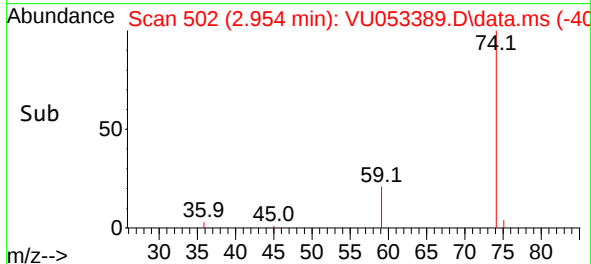
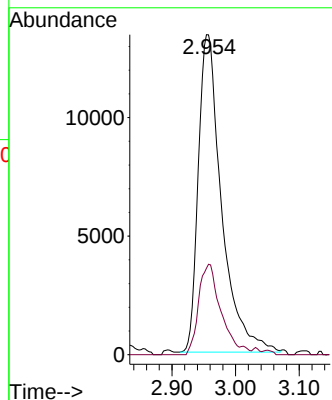
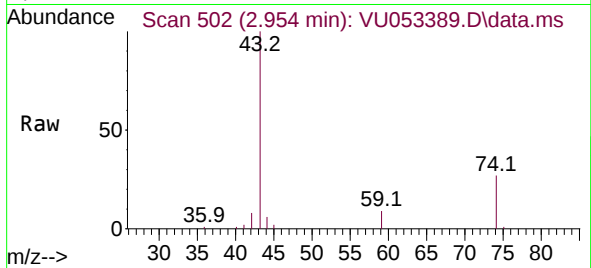




#15
Methyl Acetate
Concen: 9.521 ug/L
RT: 2.954 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

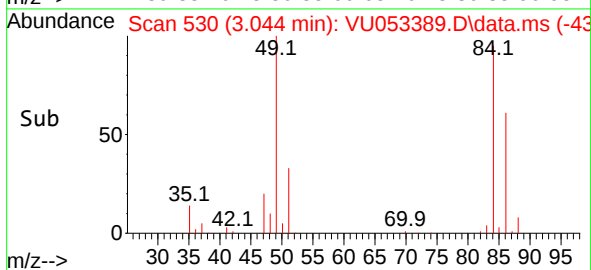
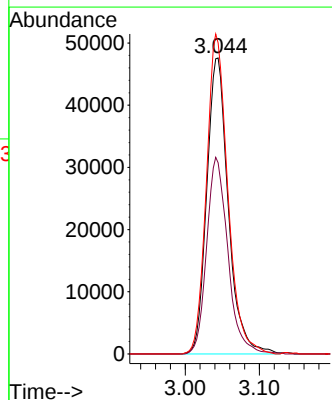
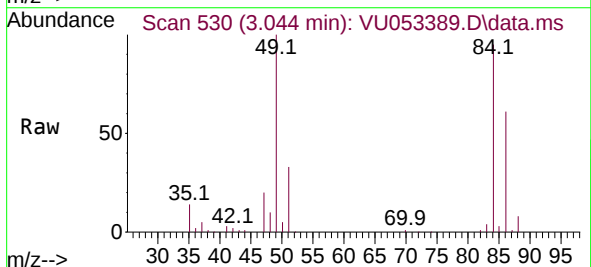
Instrument :
MSVOA_U
ClientSampleId :

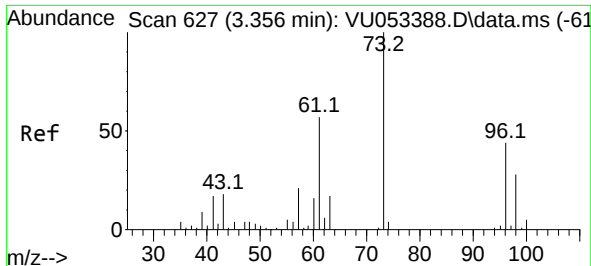
Tgt Ion: 43 Resp: 34114
Ion Ratio Lower Upper
43 100
74 27.4 20.8 31.2



#16
Methylene chloride
Concen: 9.617 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion: 84 Resp: 95781
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 105.1 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 9.408 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

ClientSampleId :

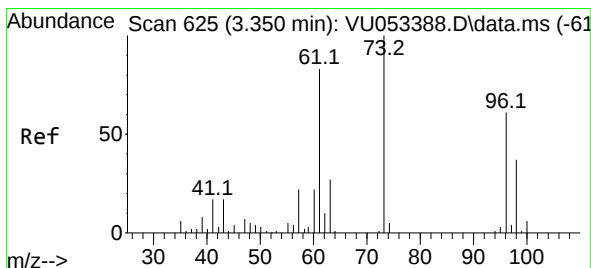
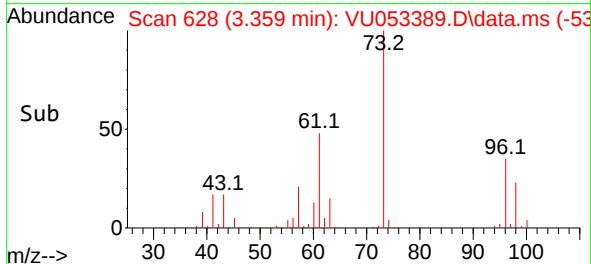
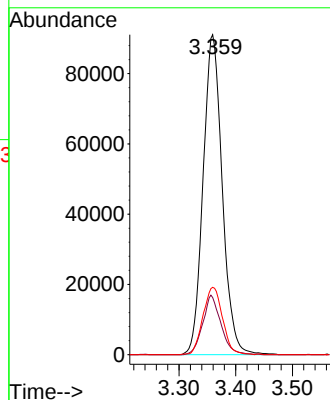
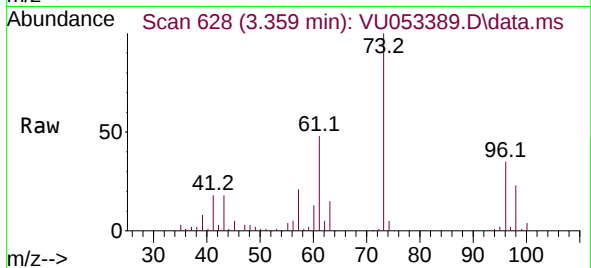
Tgt Ion: 73 Resp: 213853

Ion Ratio Lower Upper

73 100

43 17.6 13.9 20.9

57 21.5 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 9.708 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

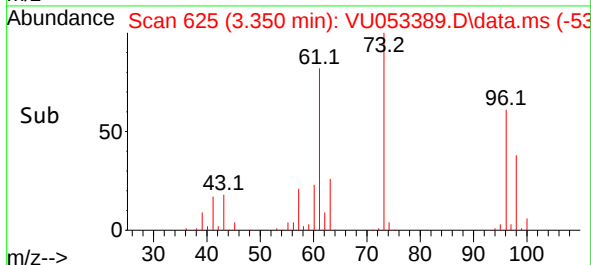
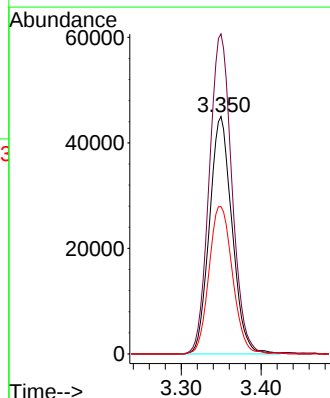
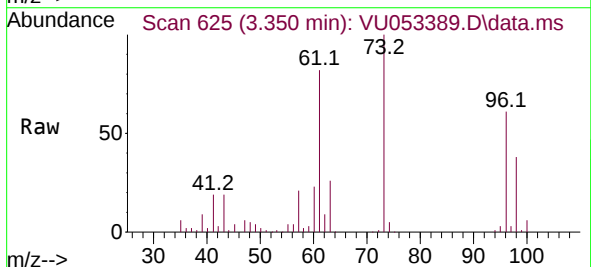
Tgt Ion: 96 Resp: 88323

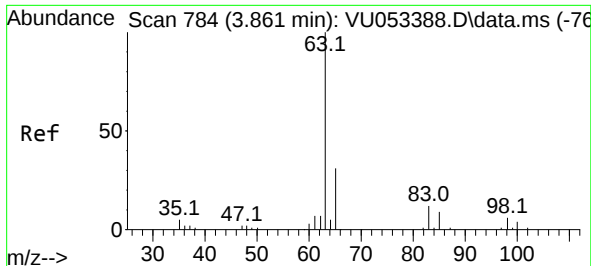
Ion Ratio Lower Upper

96 100

61 134.8 95.5 177.3

98 62.0 42.2 78.4





#19

1,1-Dichloroethane

Concen: 9.787 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

ClientSampleId :

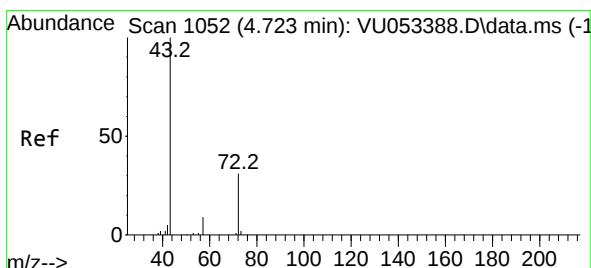
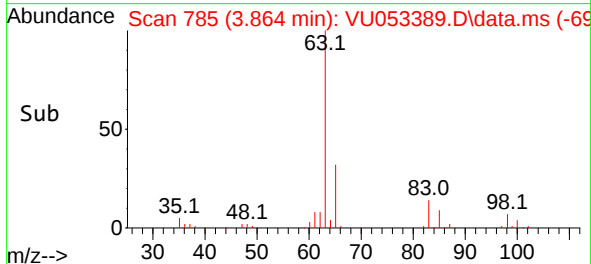
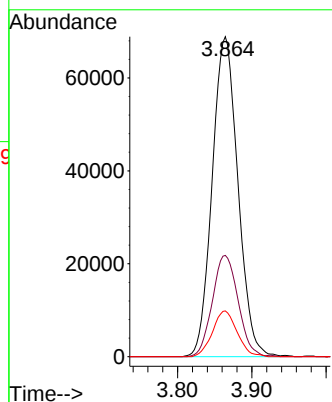
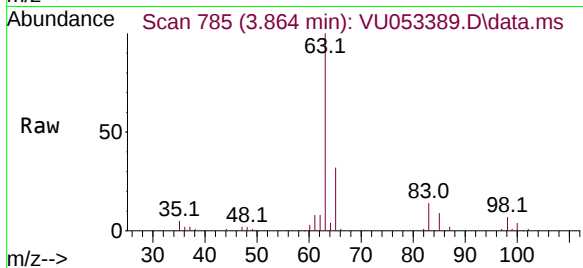
Tgt Ion: 63 Resp: 165676

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 14.3 8.1 15.1



#21

2-Butanone

Concen: 97.701 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.010 min

Lab File: VU053389.D

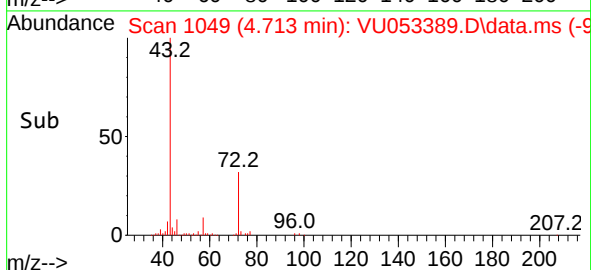
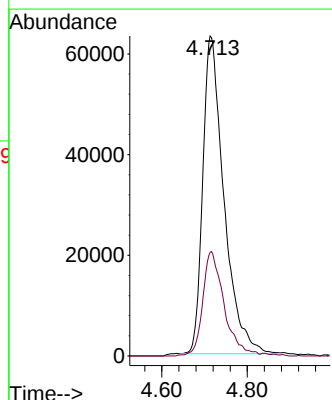
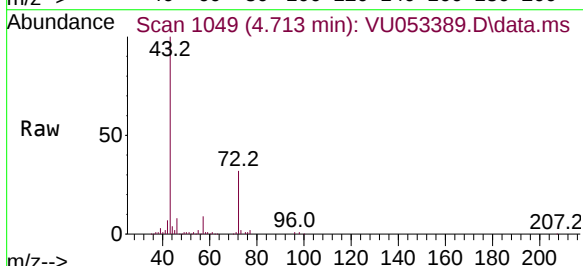
Acq: 24 Mar 2023 13:31

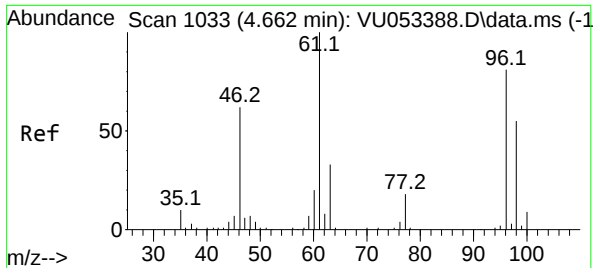
Tgt Ion: 43 Resp: 217313

Ion Ratio Lower Upper

43 100

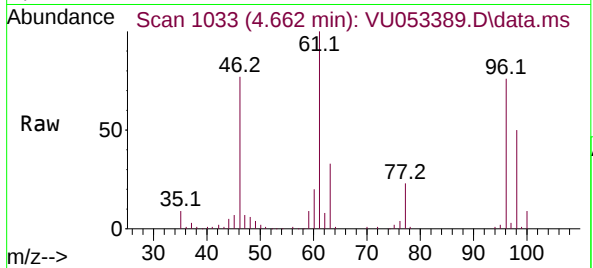
72 33.1 16.2 48.6



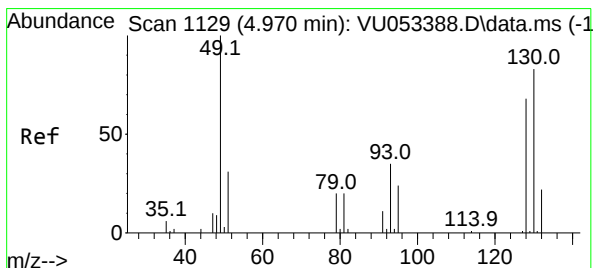
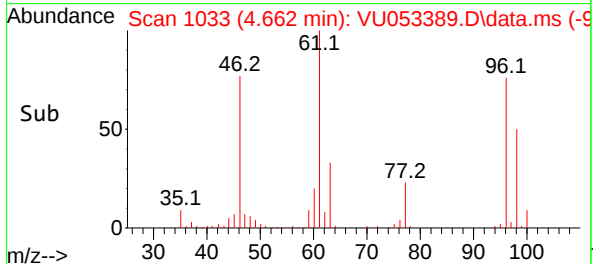
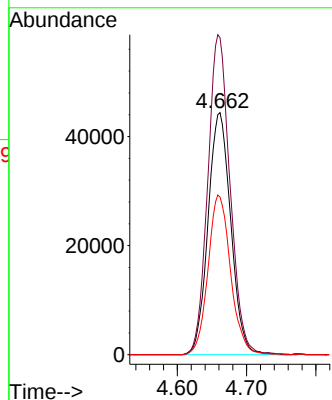


#22
 cis-1,2-Dichloroethene
 Concen: 9.844 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Instrument :
 MSVOA_U
 ClientSampleId :

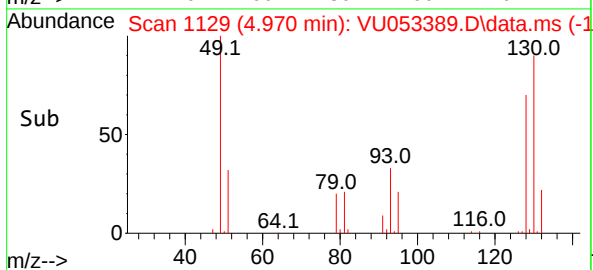
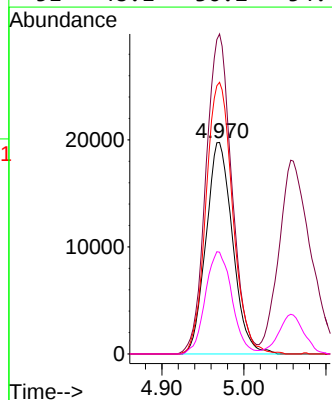
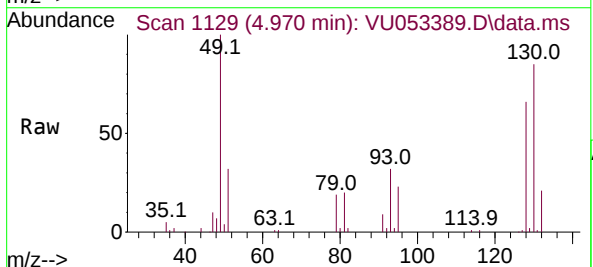


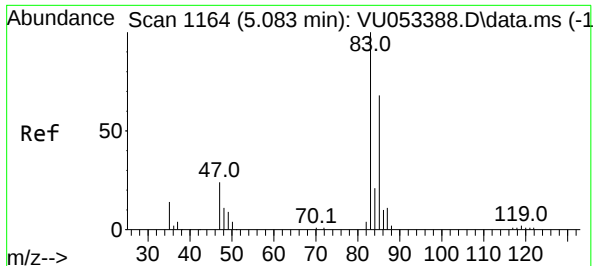
Tgt Ion: 96 Resp: 101149
 Ion Ratio Lower Upper
 96 100
 61 130.9 86.6 160.8
 98 65.1 47.7 88.5



#23
 Bromochloromethane
 Concen: 11.019 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Tgt Ion: 128 Resp: 44408
 Ion Ratio Lower Upper
 128 100
 49 151.3 102.8 190.8
 130 128.5 85.1 158.1
 51 48.1 36.2 54.4





#25

Chloroform

Concen: 9.723 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

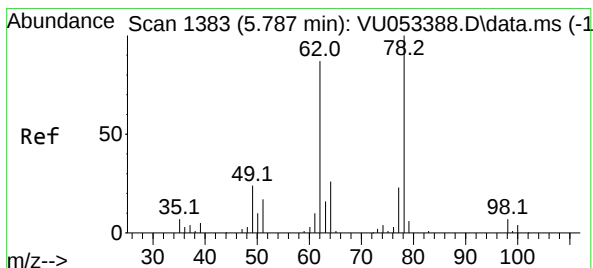
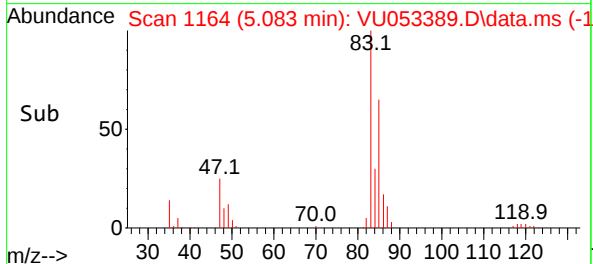
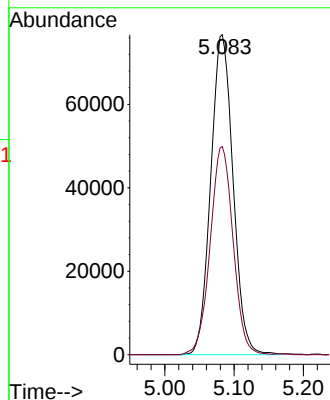
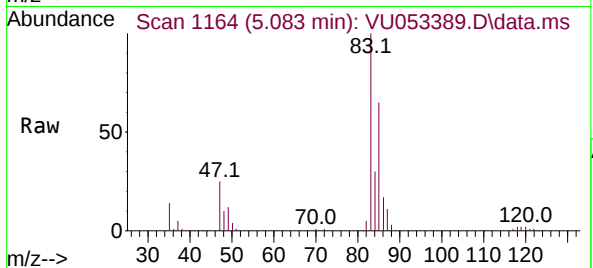
ClientSampleId :

Tgt Ion: 83 Resp: 171602

Ion Ratio Lower Upper

83 100

85 65.0 47.3 87.9



#27

1,2-Dichloroethane

Concen: 10.040 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VU053389.D

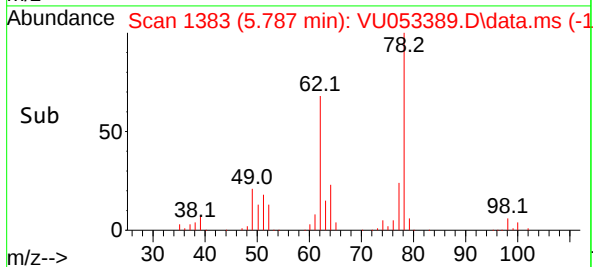
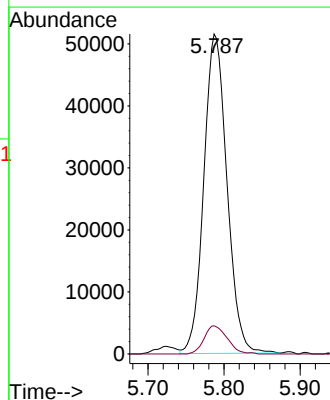
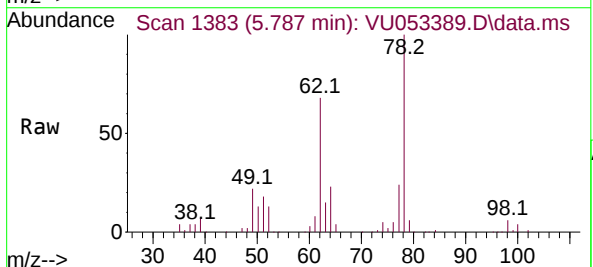
Acq: 24 Mar 2023 13:31

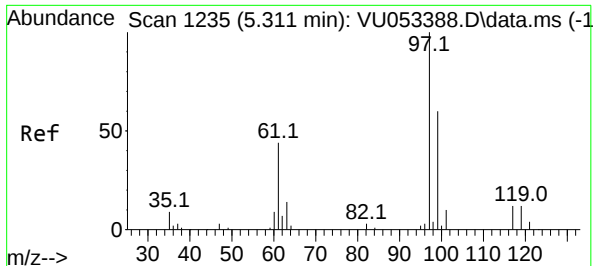
Tgt Ion: 62 Resp: 108941

Ion Ratio Lower Upper

62 100

98 8.8 6.4 9.6





#29

1,1,1-Trichloroethane

Concen: 9.204 ug/L

RT: 5.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

ClientSampleId :

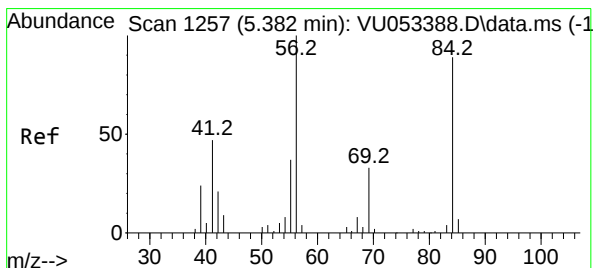
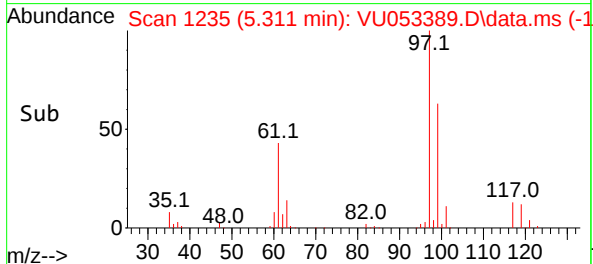
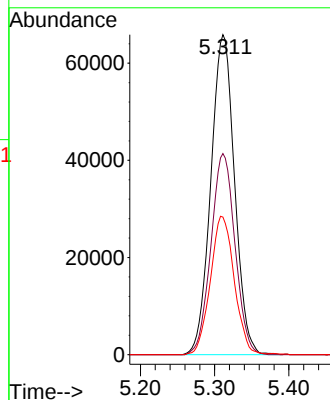
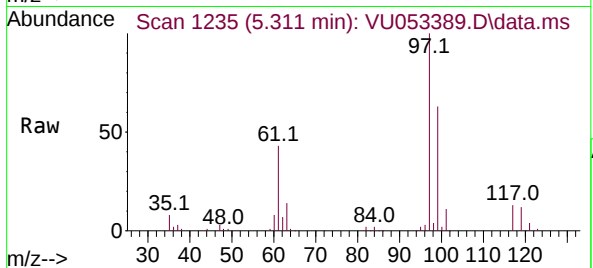
Tgt Ion: 97 Resp: 146364

Ion Ratio Lower Upper

97 100

99 63.7 49.9 74.9

61 43.5 35.7 53.5



#30

Cyclohexane

Concen: 9.635 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

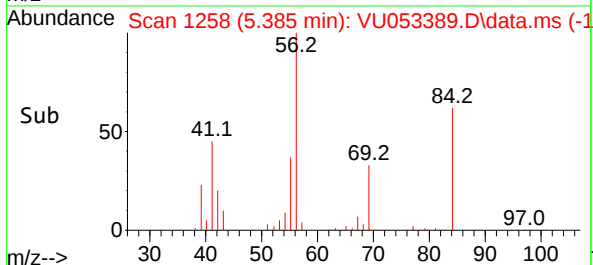
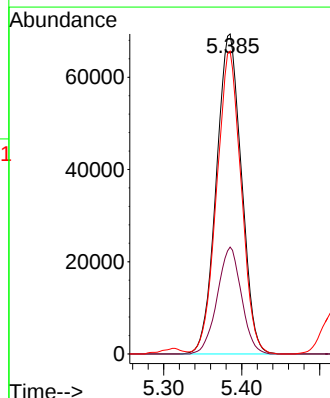
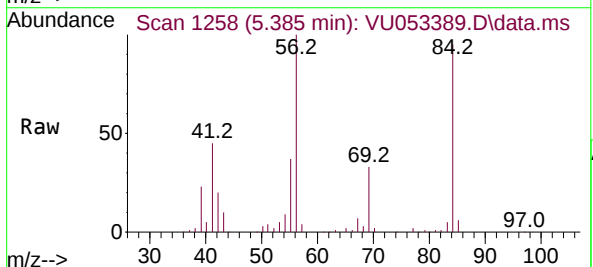
Tgt Ion: 56 Resp: 155099

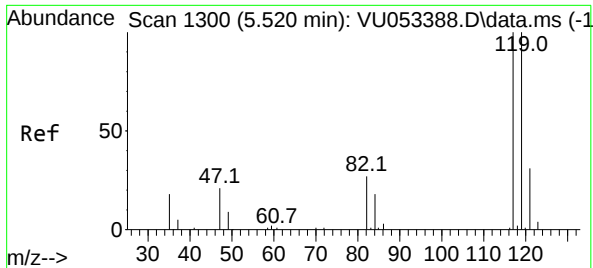
Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 92.4 75.6 113.4

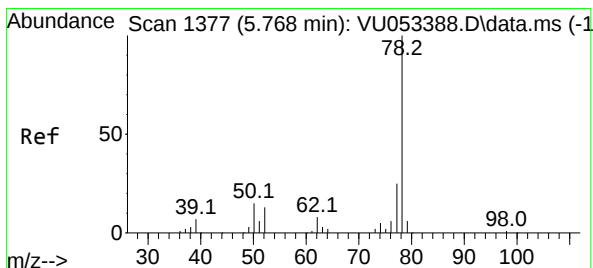
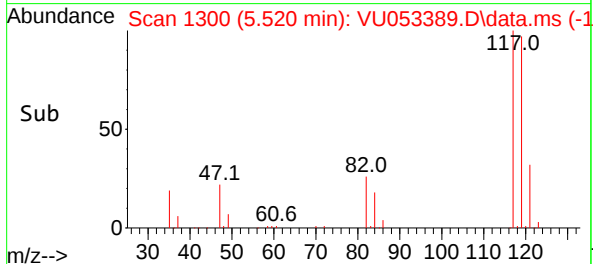
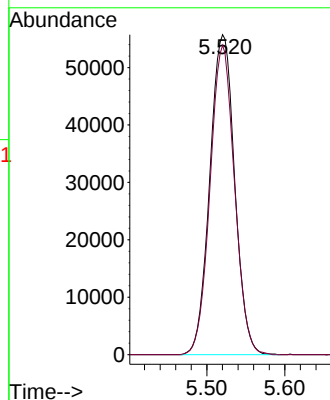
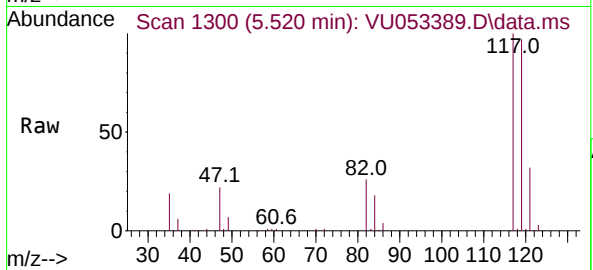




#31
Carbon tetrachloride
Concen: 9.330 ug/L
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

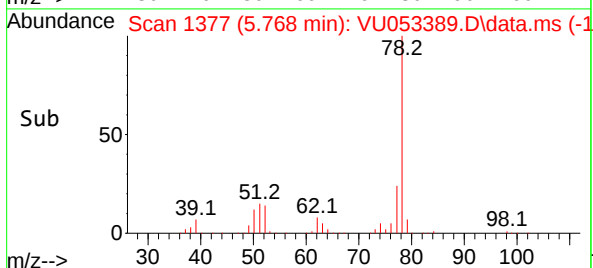
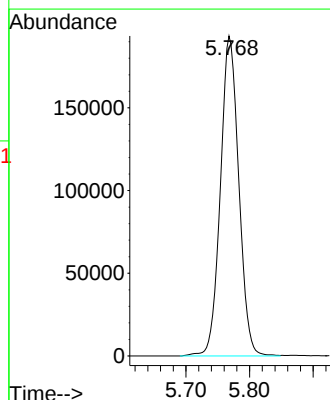
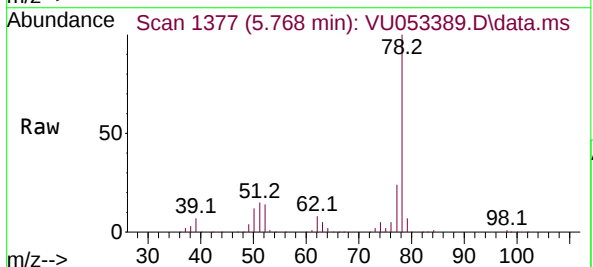
Instrument :
MSVOA_U
ClientSampleId :

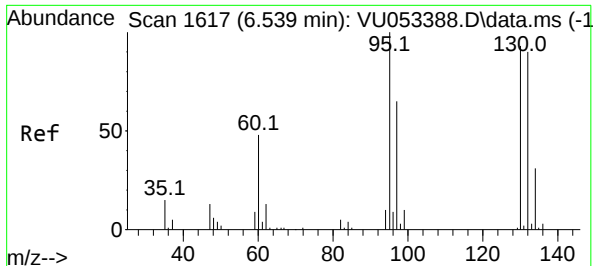
Tgt Ion:117 Resp: 123341
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5



#33
Benzene
Concen: 9.983 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

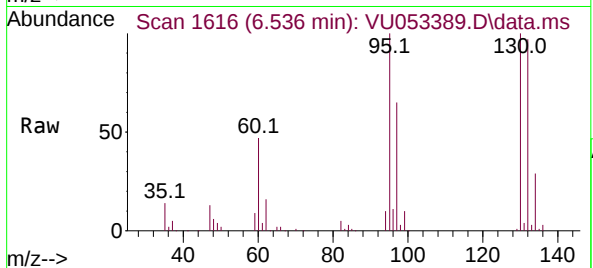
Tgt Ion: 78 Resp: 388415





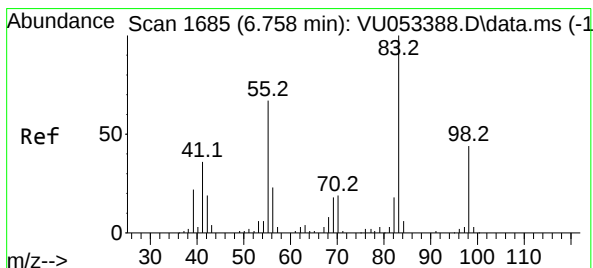
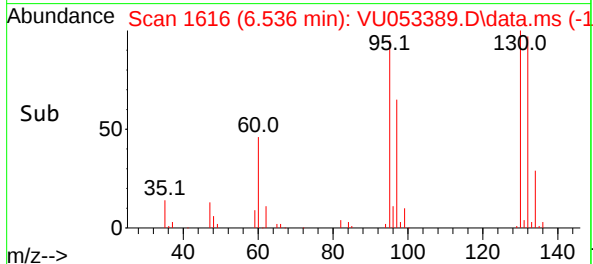
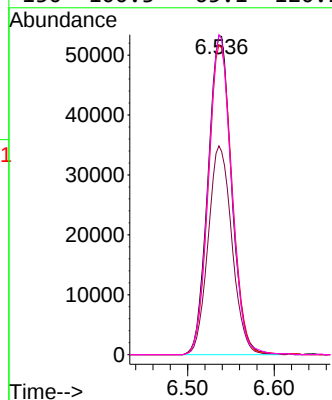
#34
Trichloroethene
Concen: 9.224 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 100799

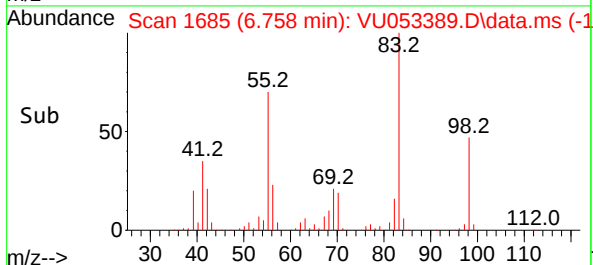
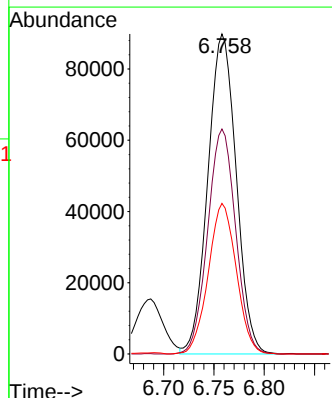
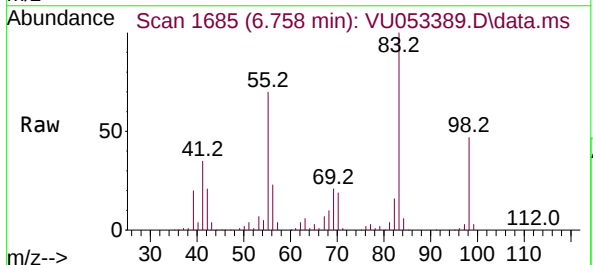
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.3	84.1
132	97.1	62.8	116.6
130	100.3	65.1	120.9

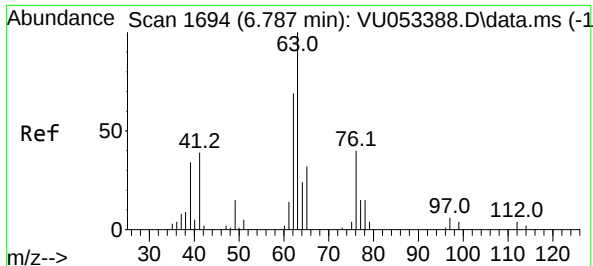


#35
Methylcyclohexane
Concen: 9.850 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion: 83 Resp: 176245

Ion	Ratio	Lower	Upper
83	100		
55	69.3	54.9	82.3
98	46.5	34.9	52.3





#37

1,2-Dichloropropane

Concen: 9.577 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

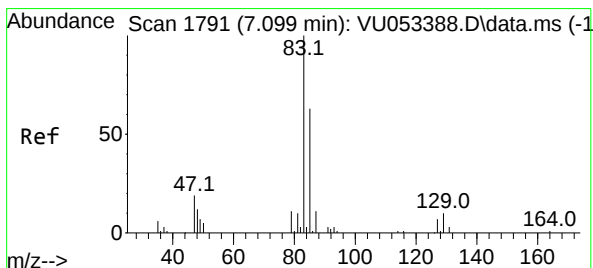
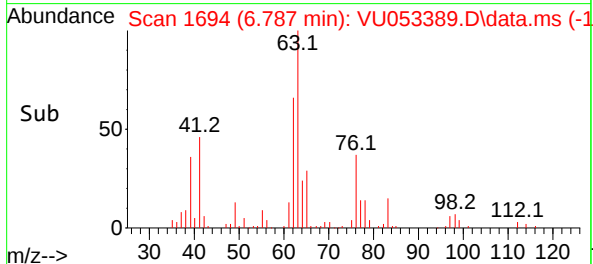
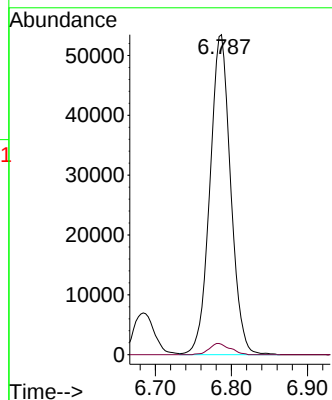
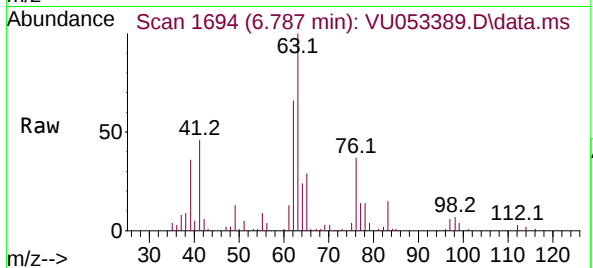
ClientSampleId :

Tgt Ion: 63 Resp: 101237

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 8.687 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

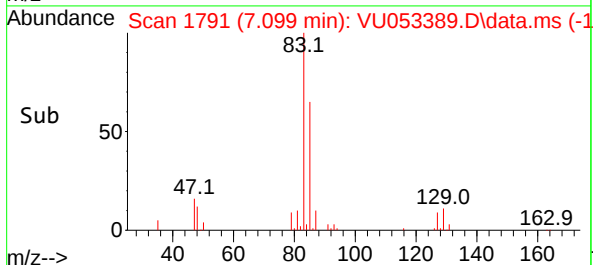
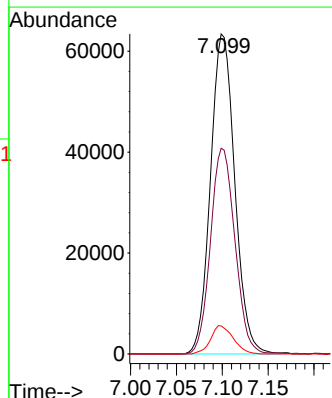
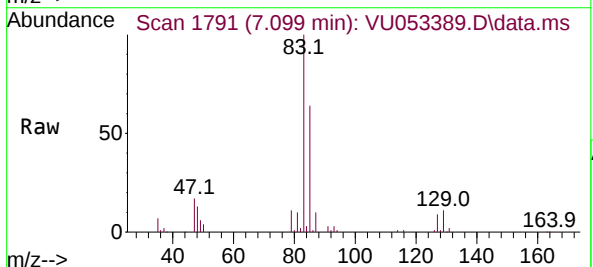
Tgt Ion: 83 Resp: 116770

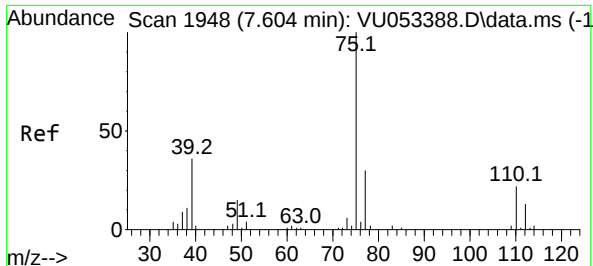
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 8.8 5.8 8.6#





#39

cis-1,3-Dichloropropene

Concen: 9.223 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

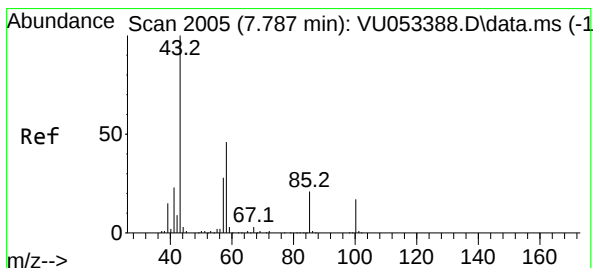
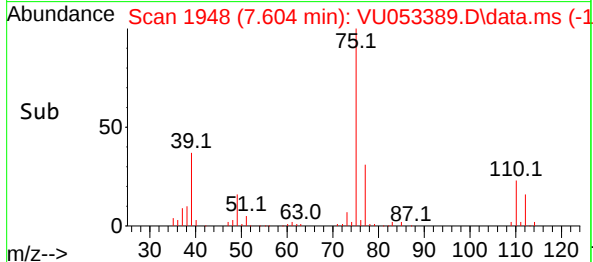
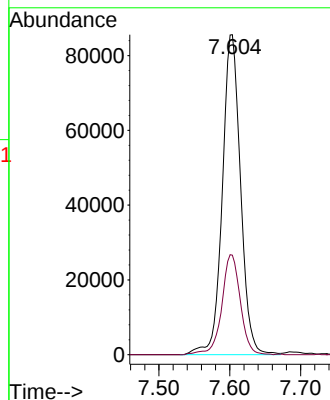
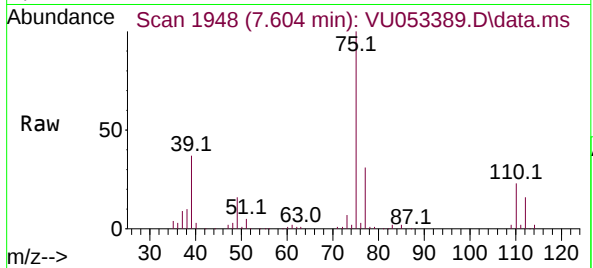
ClientSampleId :

Tgt Ion: 75 Resp: 153005

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 94.089 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

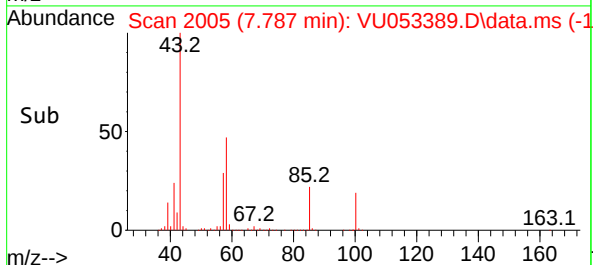
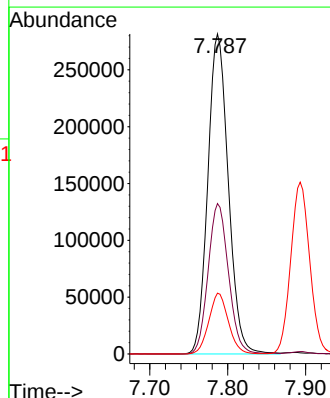
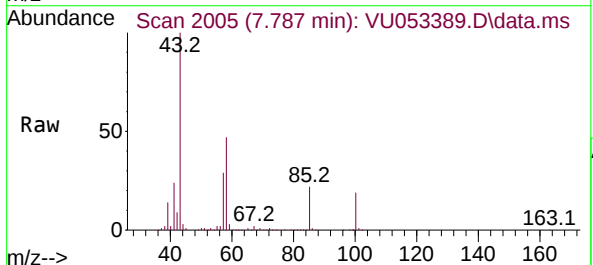
Tgt Ion: 43 Resp: 514016

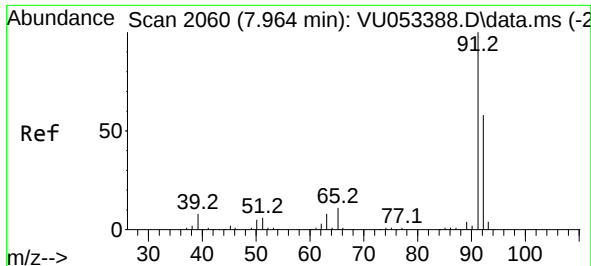
Ion Ratio Lower Upper

43 100

58 46.8 37.4 56.0

100 18.1 14.0 21.0





#42

Toluene

Concen: 10.004 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

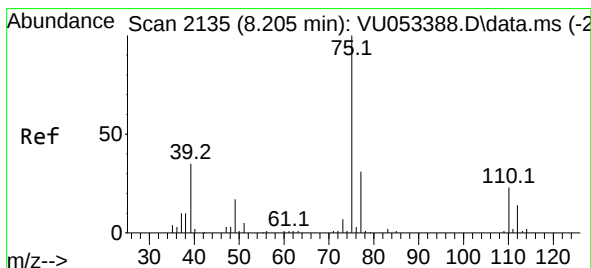
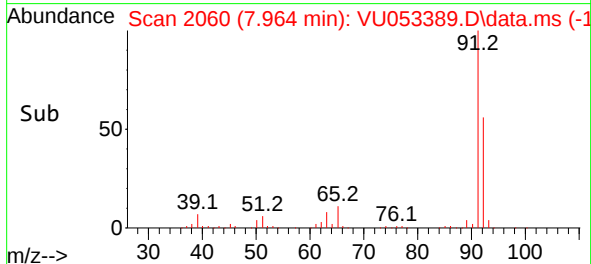
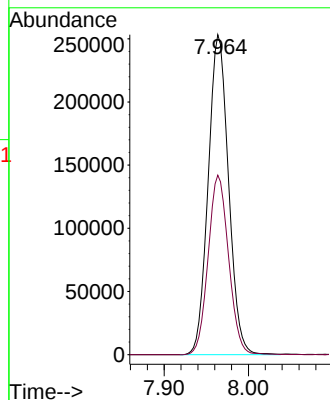
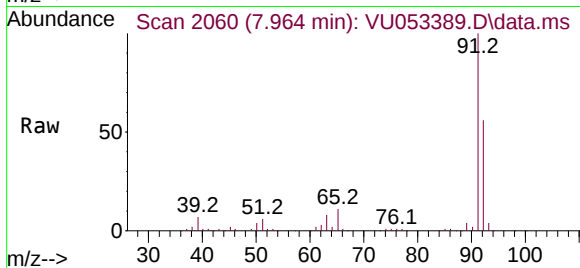
ClientSampleId :

Tgt Ion: 91 Resp: 425000

Ion Ratio Lower Upper

91 100

92 56.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 9.273 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU053389.D

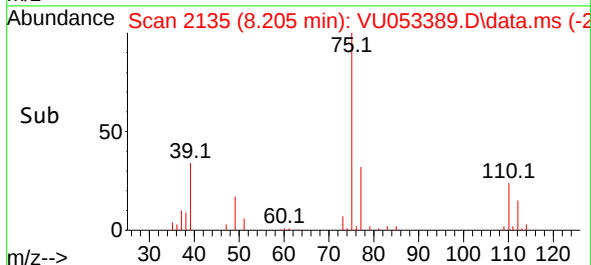
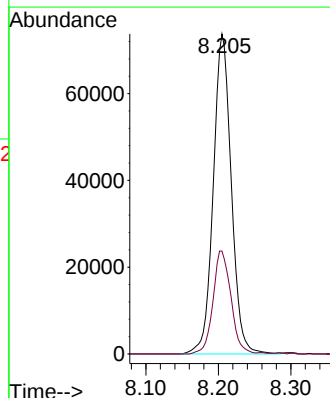
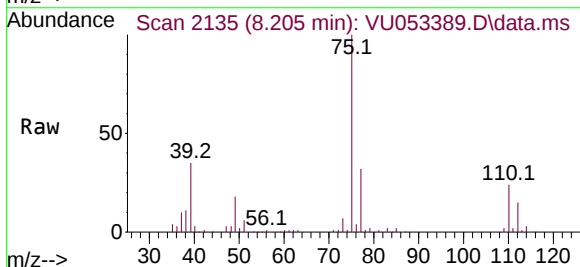
Acq: 24 Mar 2023 13:31

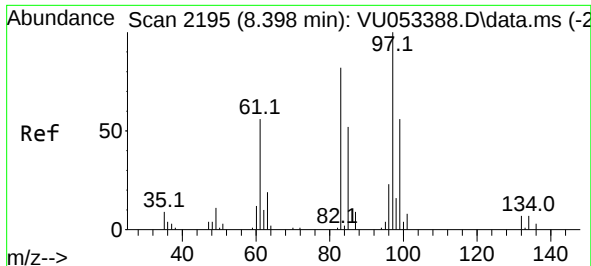
Tgt Ion: 75 Resp: 127371

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8

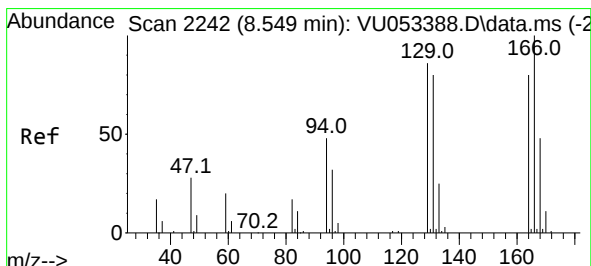
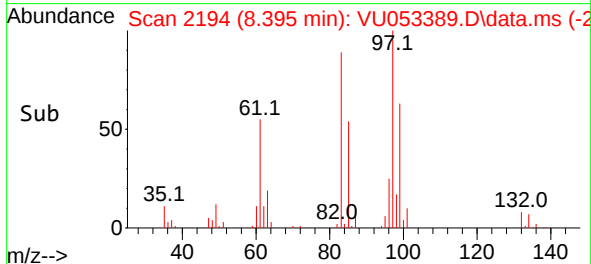
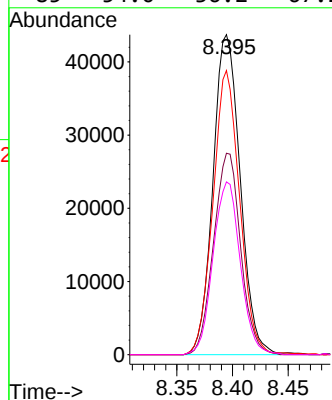
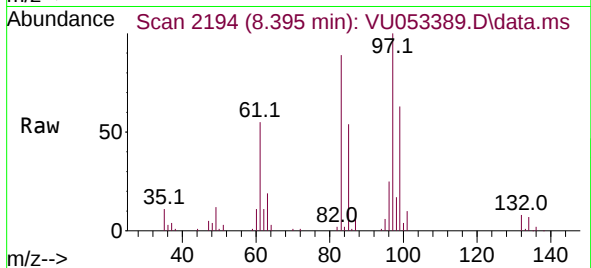




#45
1,1,2-Trichloroethane
Concen: 9.736 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

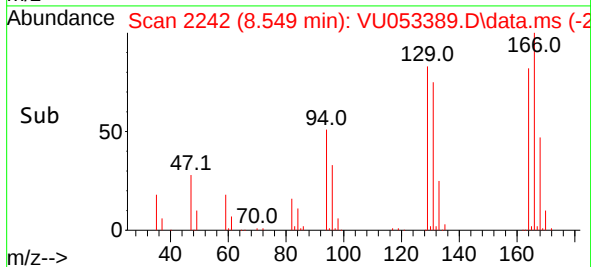
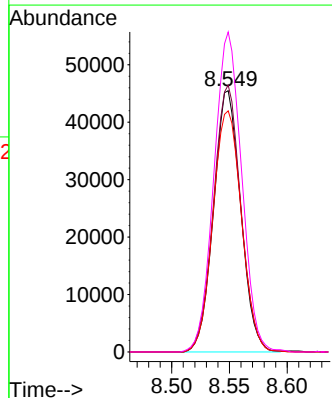
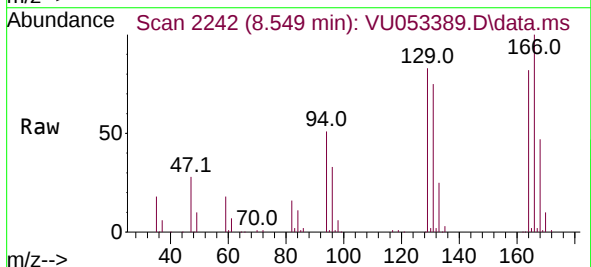
Instrument :
MSVOA_U
ClientSampleId :

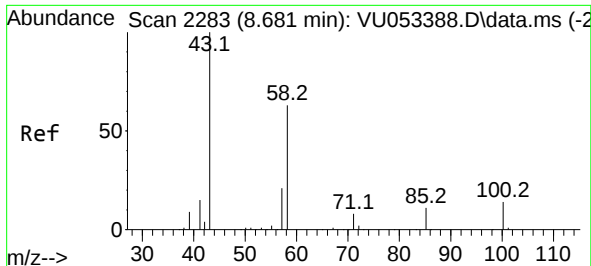
Tgt Ion:	97	Resp:	74445
Ion	Ratio	Lower	Upper
97	100		
99	62.9	38.9	72.2
83	88.8	57.6	107.0
85	54.0	36.2	67.2



#47
Tetrachloroethene
Concen: 10.244 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

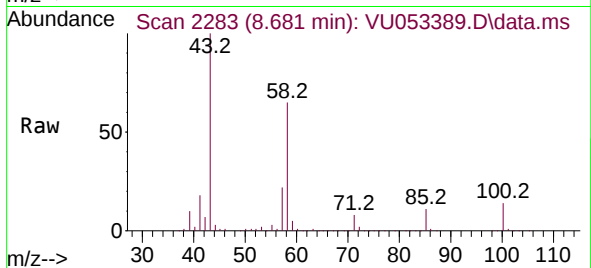
Tgt Ion:	164	Resp:	73966
Ion	Ratio	Lower	Upper
164	100		
129	102.2	74.8	138.8
131	92.3	70.1	130.1
166	122.5	87.3	162.1



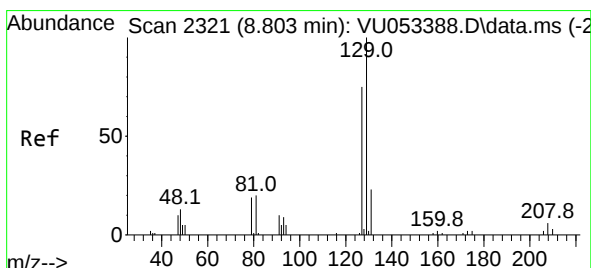
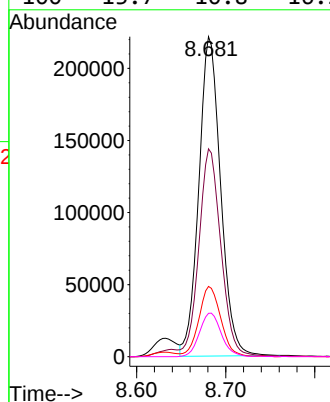
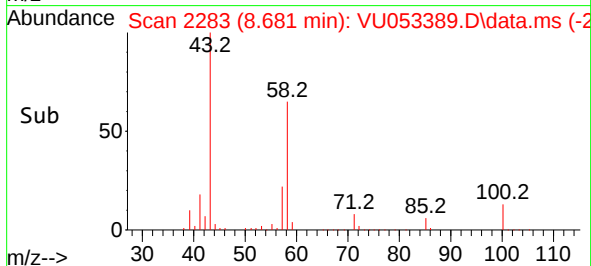


#48
2-Hexanone
Concen: 93.529 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Instrument :
MSVOA_U
ClientSampleId :

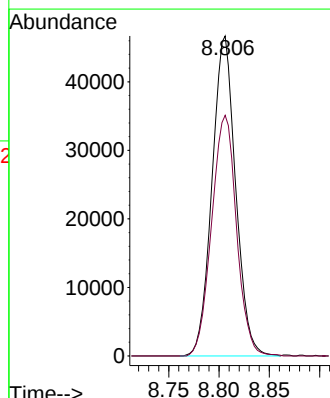
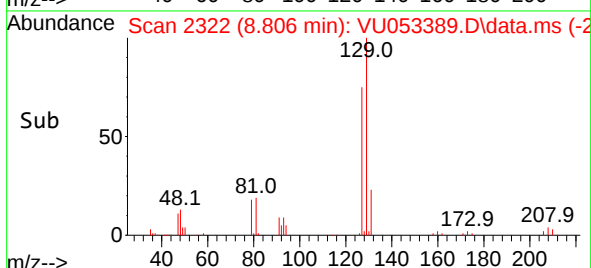
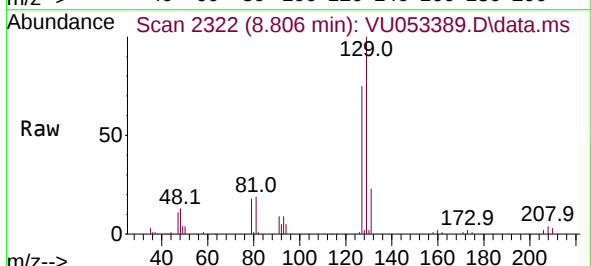


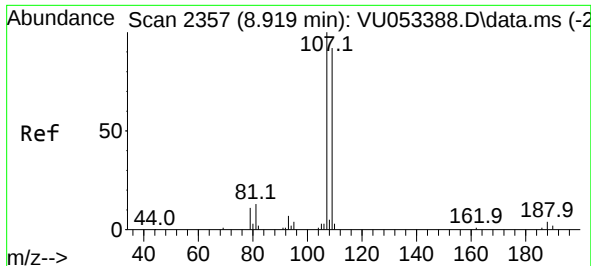
Tgt Ion: 43 Resp: 376871
Ion Ratio Lower Upper
43 100
58 65.1 52.8 79.2
57 21.8 17.1 25.7
100 13.7 10.8 16.2



#49
Dibromochloromethane
Concen: 9.341 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion: 129 Resp: 76163
Ion Ratio Lower Upper
129 100
127 75.2 52.2 97.0





#50

1,2-Dibromoethane

Concen: 10.263 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053389.D

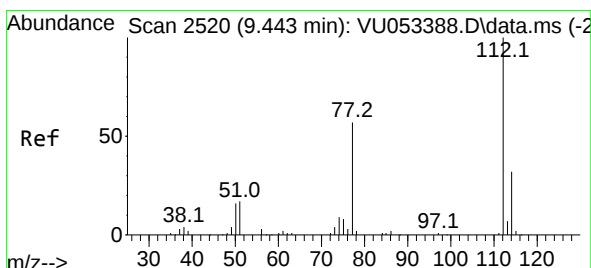
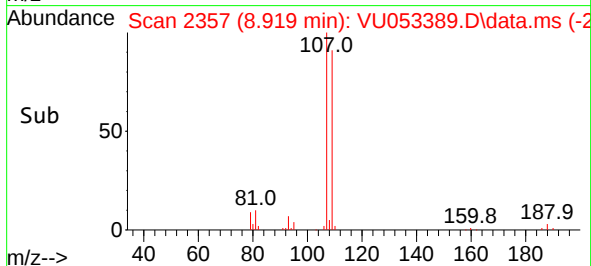
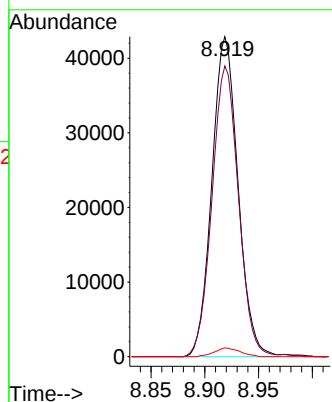
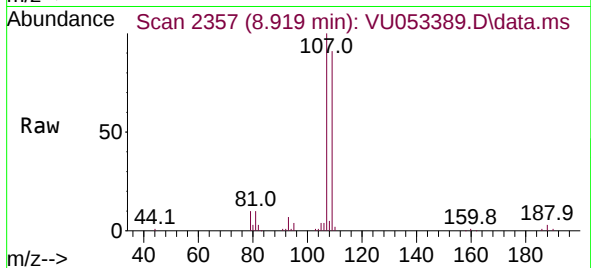
Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	72465
Ion Ratio	Lower	Upper
107	100	
109	90.9	64.7 120.1
188	2.8	3.0 4.6#



#51

Chlorobenzene

Concen: 10.083 ug/L

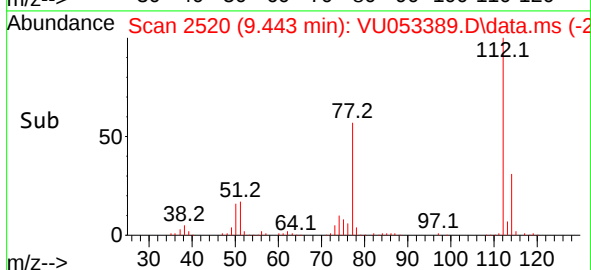
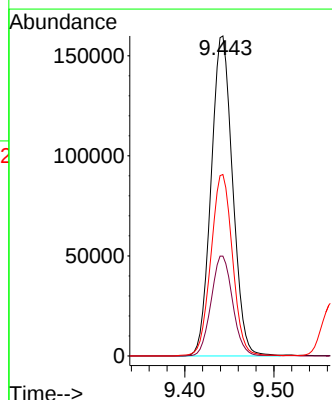
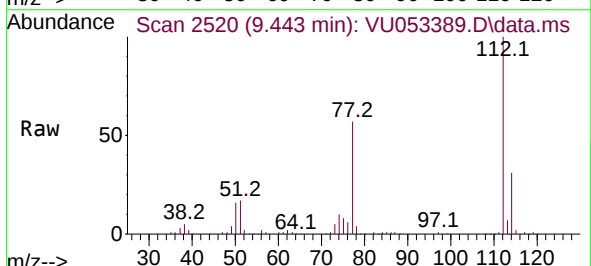
RT: 9.443 min Scan# 2520

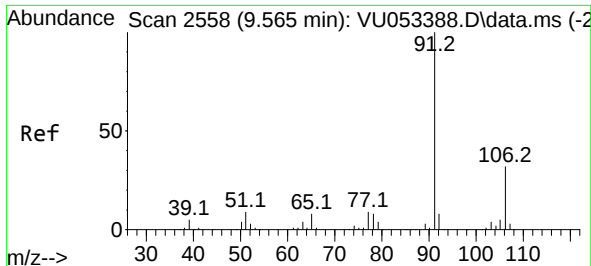
Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Tgt Ion:112	Resp:	268051
Ion Ratio	Lower	Upper
112	100	
114	31.2	22.1 41.1
77	56.7	45.8 68.6





#52

Ethylbenzene

Concen: 9.886 ug/L

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

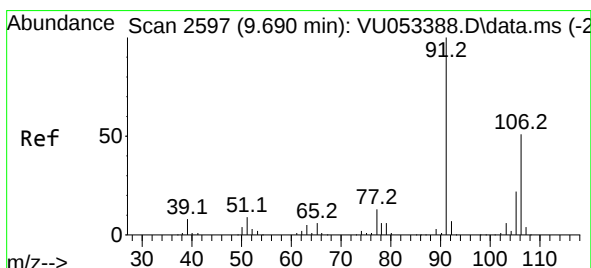
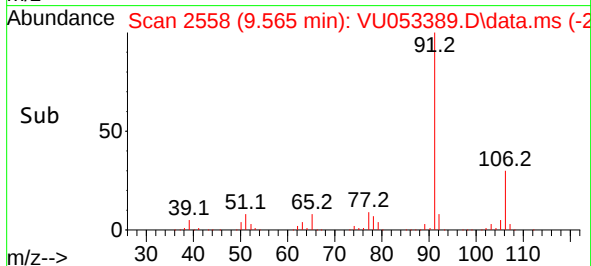
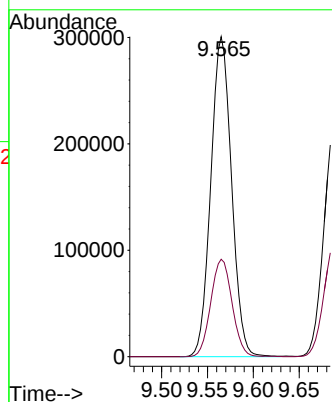
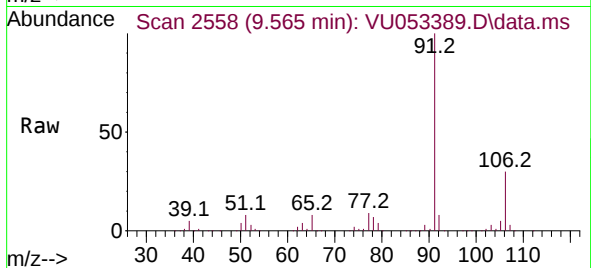
ClientSampleId :

Tgt Ion: 91 Resp: 472433

Ion Ratio Lower Upper

91 100

106 30.5 22.5 41.9



#53

m,p-Xylene

Concen: 10.174 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU053389.D

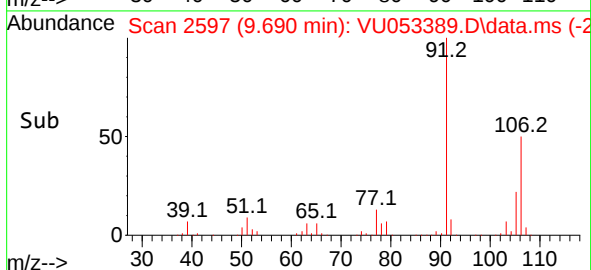
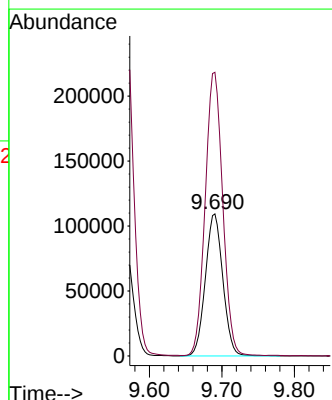
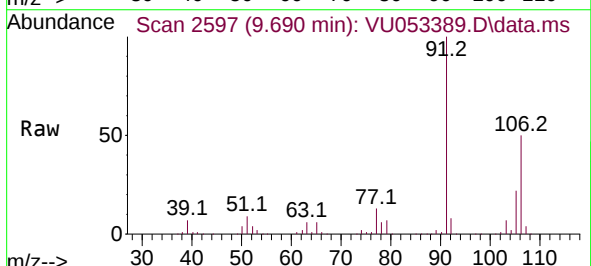
Acq: 24 Mar 2023 13:31

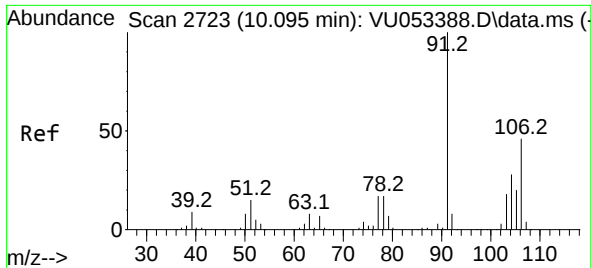
Tgt Ion:106 Resp: 183040

Ion Ratio Lower Upper

106 100

91 199.6 138.8 257.8

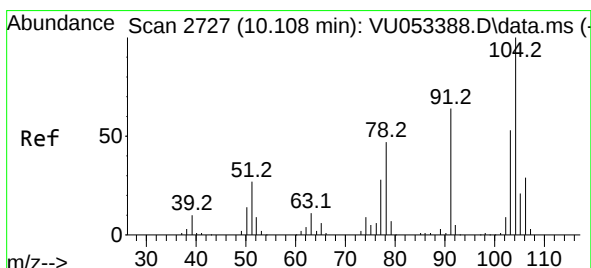
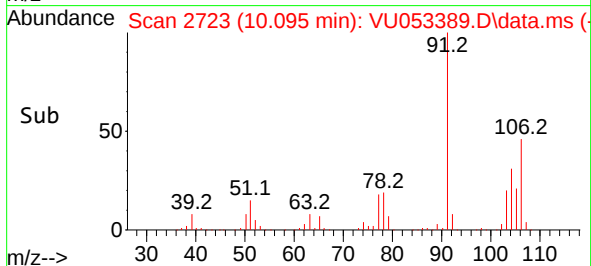
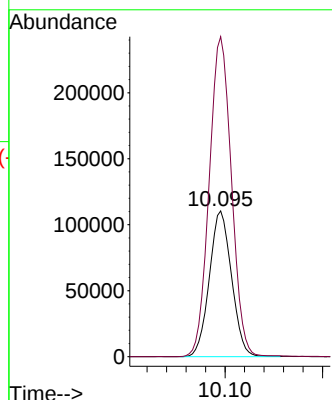
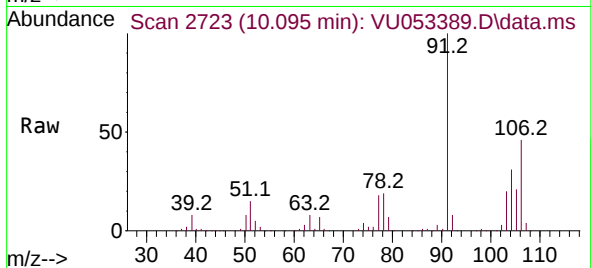




#54
o-Xylene
Concen: 10.047 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

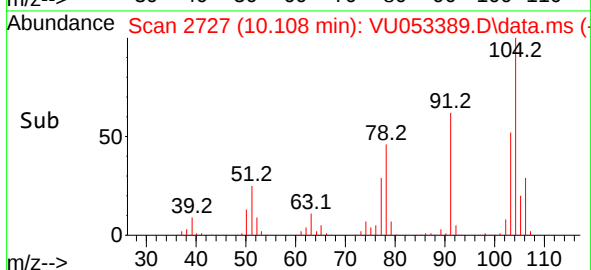
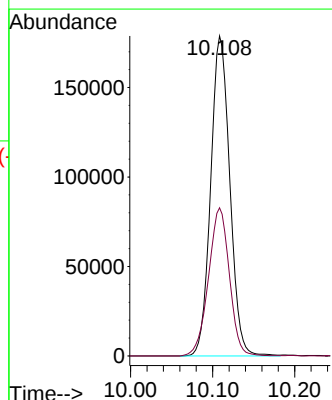
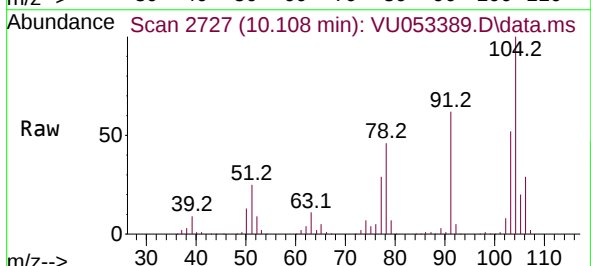
Instrument :
MSVOA_U
ClientSampleId :

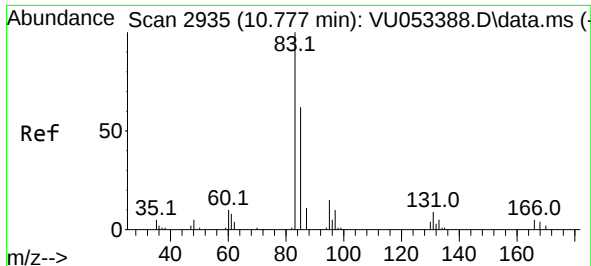
Tgt Ion:106 Resp: 174444
Ion Ratio Lower Upper
106 100
91 219.5 150.8 280.0



#55
Styrene
Concen: 10.369 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion:104 Resp: 290419
Ion Ratio Lower Upper
104 100
78 46.3 33.0 61.4

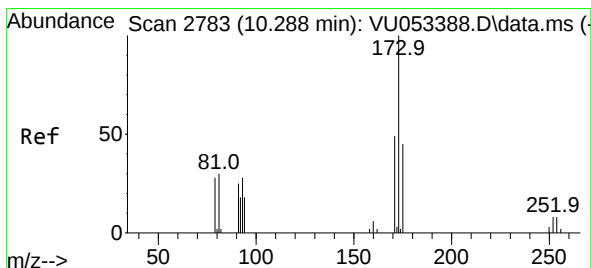
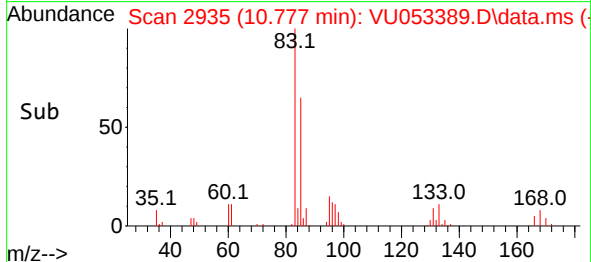
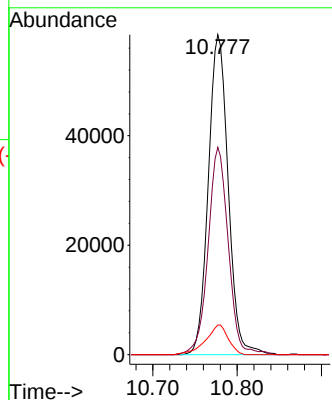
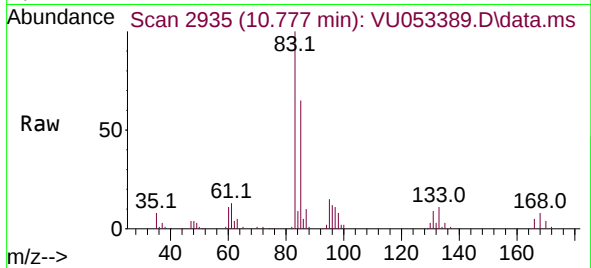




#57
1,1,2,2-Tetrachloroethane
Concen: 9.945 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

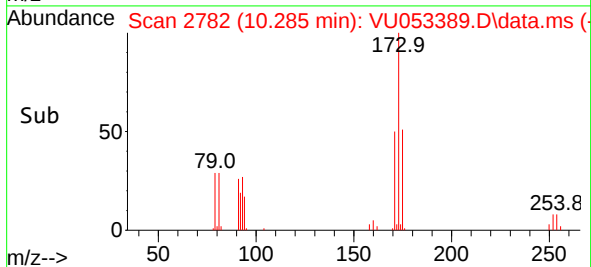
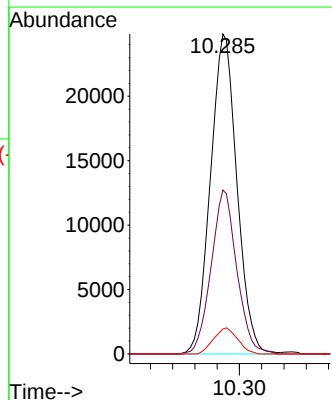
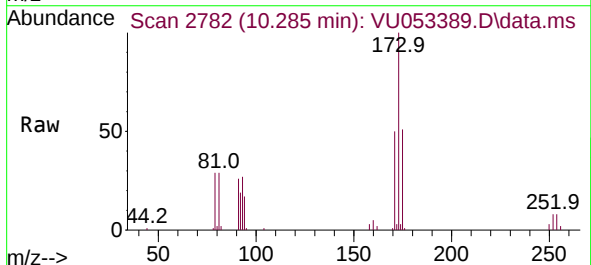
Instrument :
MSVOA_U
ClientSampleId :

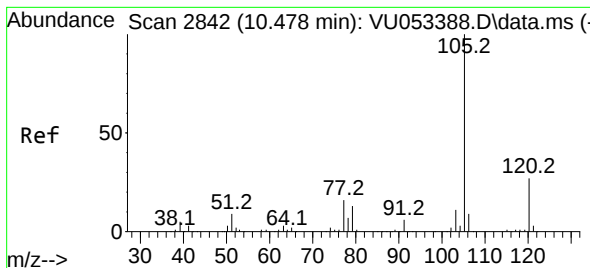
Tgt Ion: 83 Resp: 95771
Ion Ratio Lower Upper
83 100
85 64.8 43.8 81.4
131 9.3 7.2 10.8



#59
Bromoform
Concen: 8.102 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion:173 Resp: 40931
Ion Ratio Lower Upper
173 100
175 49.5 39.9 59.9
254 7.4 6.6 9.8





#60

Isopropylbenzene

Concen: 9.093 ug/L

RT: 10.478 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

ClientSampleId :

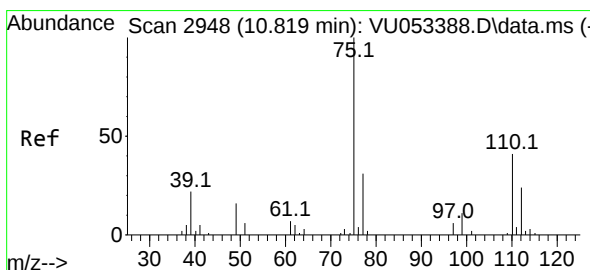
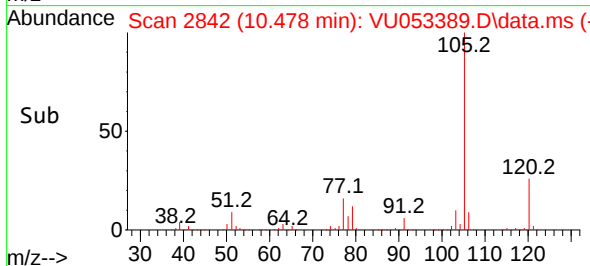
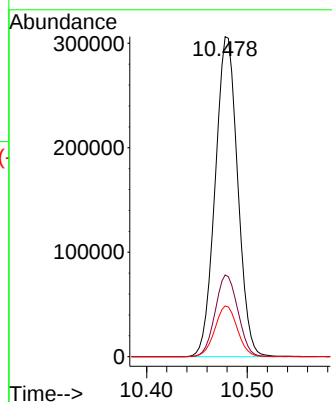
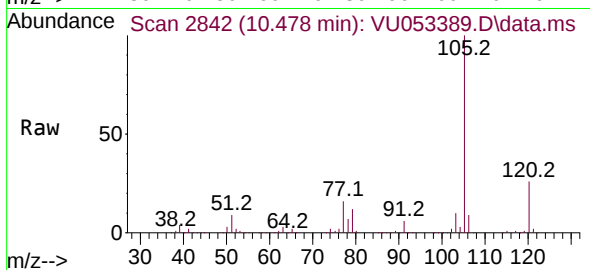
Tgt Ion:105 Resp: 475695

Ion Ratio Lower Upper

105 100

120 25.9 21.5 32.3

77 15.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 9.333 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

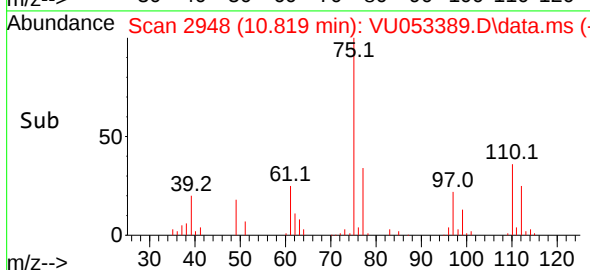
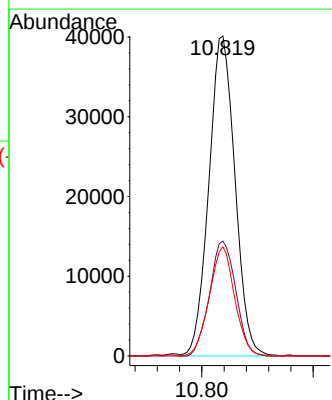
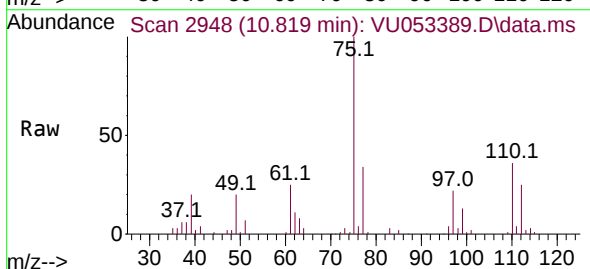
Tgt Ion: 75 Resp: 65354

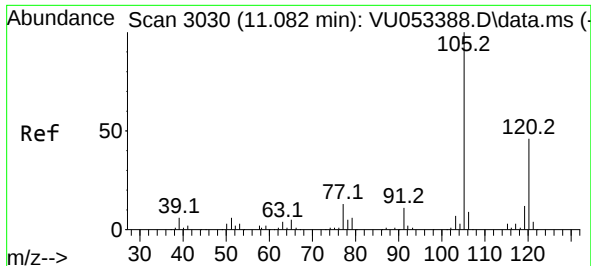
Ion Ratio Lower Upper

75 100

110 36.0 30.6 46.0

77 33.1 26.1 39.1

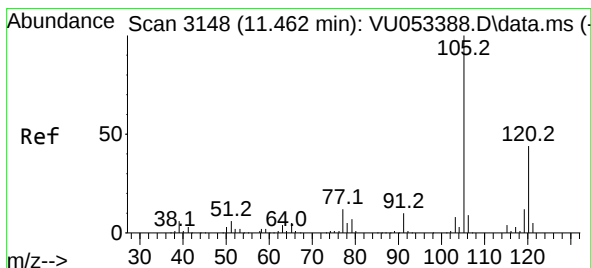
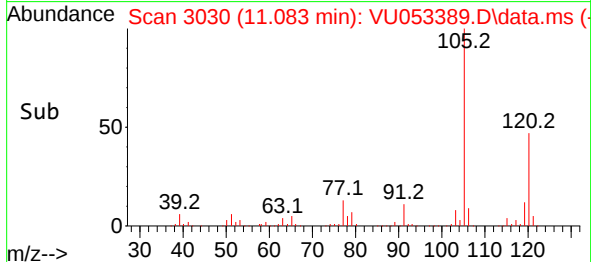
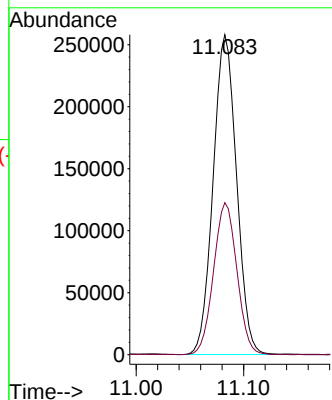
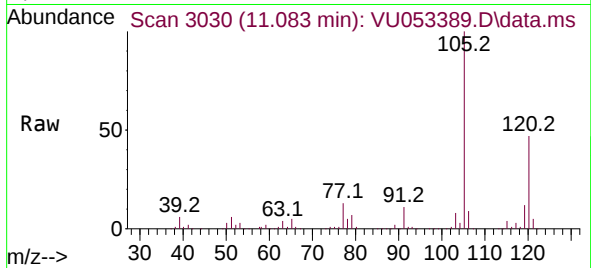




#62
 1,3,5-Trimethylbenzene
 Concen: 8.851 ug/L
 RT: 11.083 min Scan# 3030
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

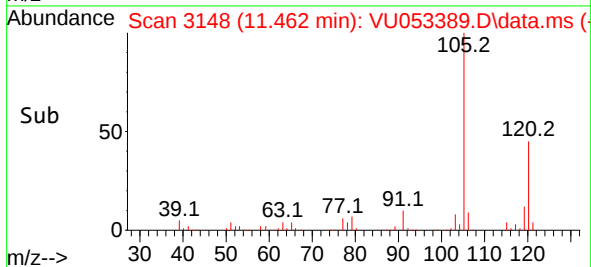
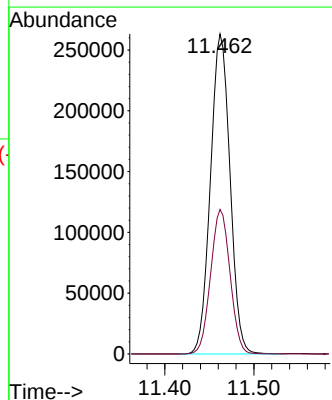
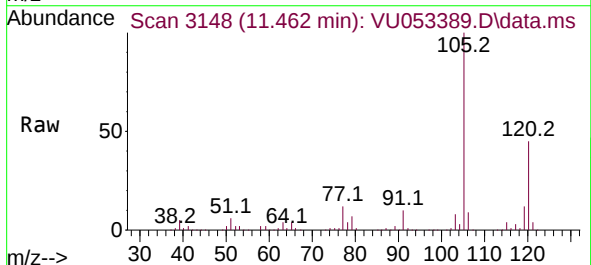
Instrument :
 MSVOA_U
 ClientSampleId :

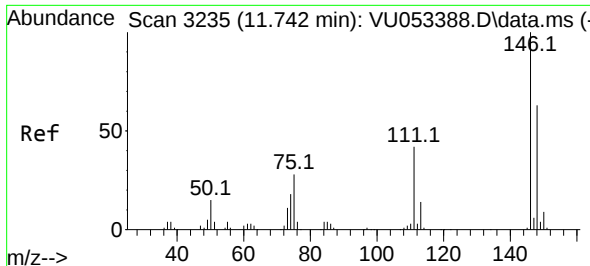
Tgt Ion:105 Resp: 389964
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 9.075 ug/L
 RT: 11.462 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Tgt Ion:105 Resp: 400728
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.0

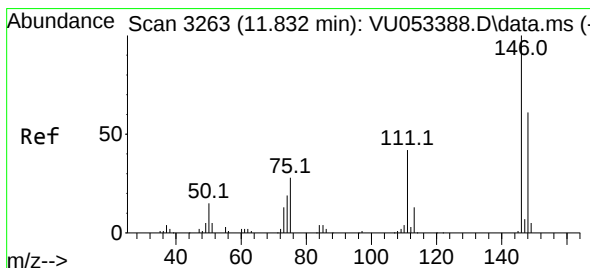
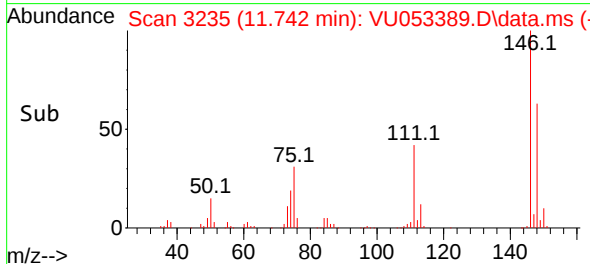
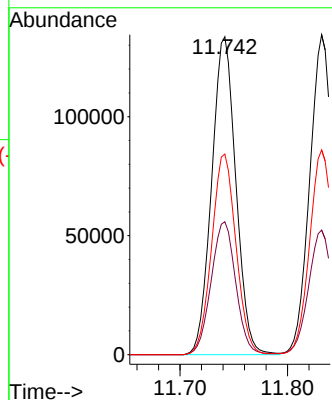
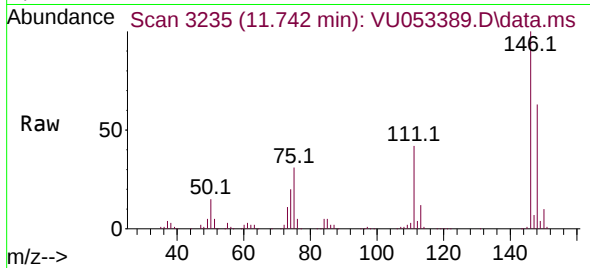




#64
 1,3-Dichlorobenzene
 Concen: 9.721 ug/L
 RT: 11.742 min Scan# 3235
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

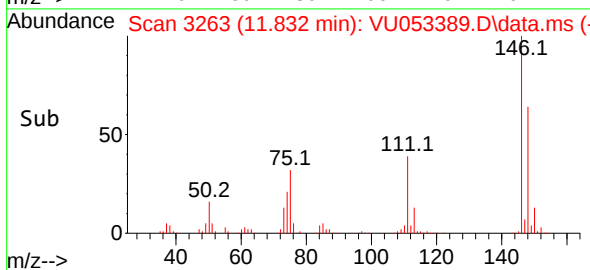
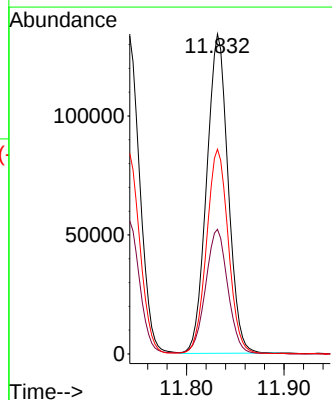
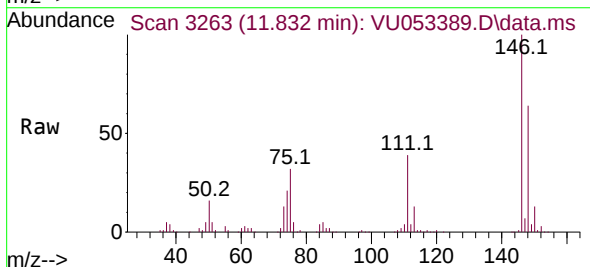
Instrument :
 MSVOA_U
 ClientSampleId :

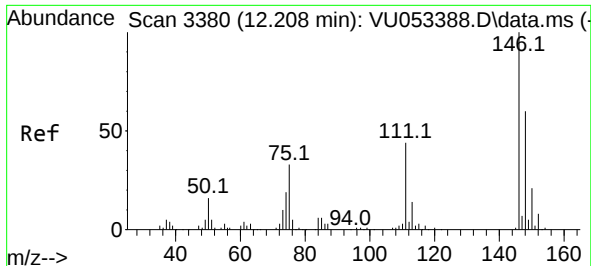
Tgt Ion:146 Resp: 209152
 Ion Ratio Lower Upper
 146 100
 111 41.8 29.4 54.6
 148 63.1 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 9.506 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Tgt Ion:146 Resp: 205153
 Ion Ratio Lower Upper
 146 100
 111 38.9 29.8 55.4
 148 64.0 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 9.832 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

Instrument :

MSVOA_U

ClientSampleId :

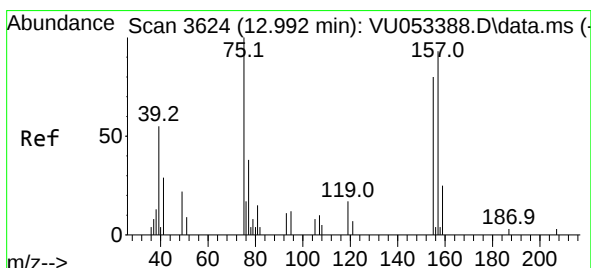
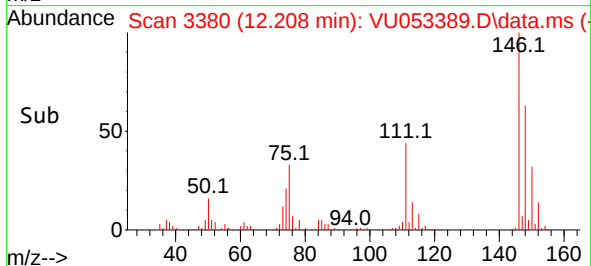
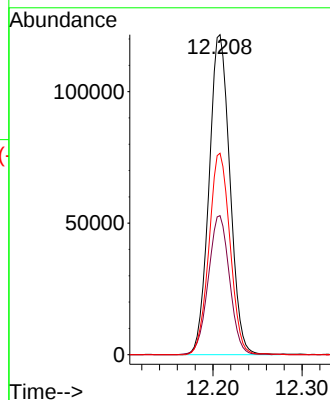
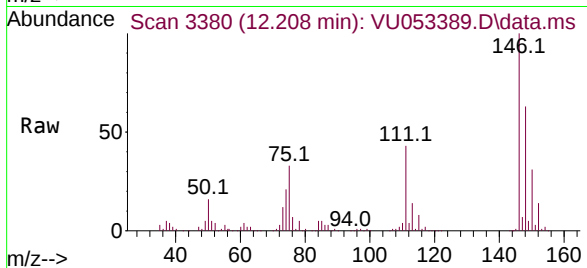
Tgt Ion:146 Resp: 197517

Ion Ratio Lower Upper

146 100

111 43.5 35.0 52.6

148 63.0 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 8.558 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU053389.D

Acq: 24 Mar 2023 13:31

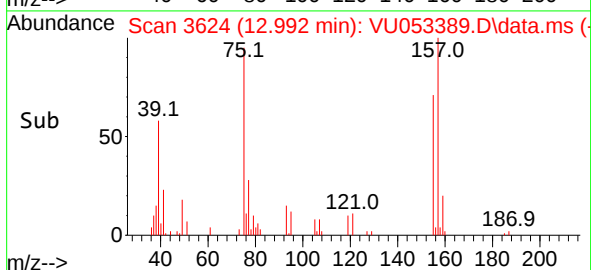
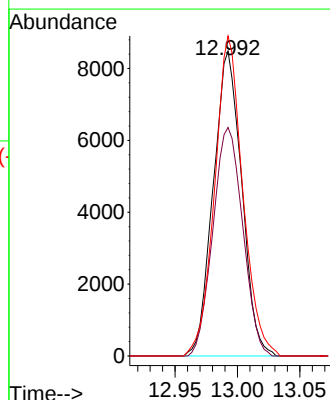
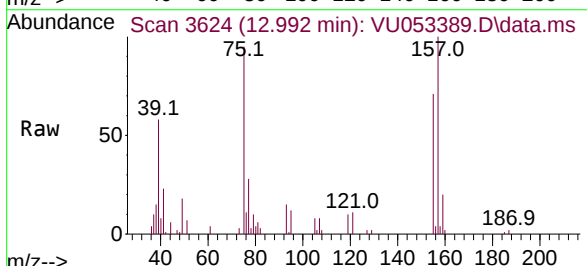
Tgt Ion: 75 Resp: 13458

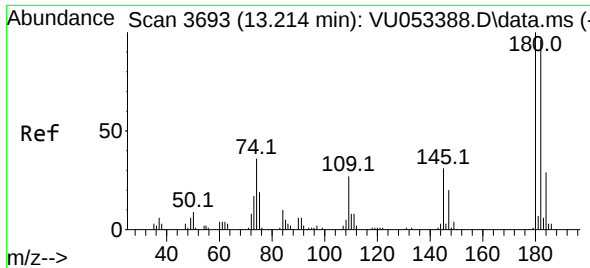
Ion Ratio Lower Upper

75 100

155 74.9 63.9 95.9

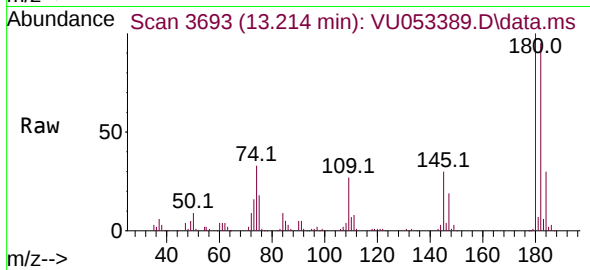
157 105.0 74.1 111.1



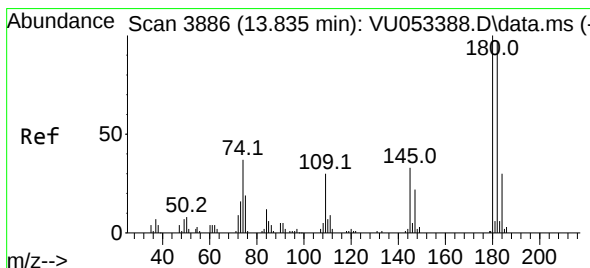
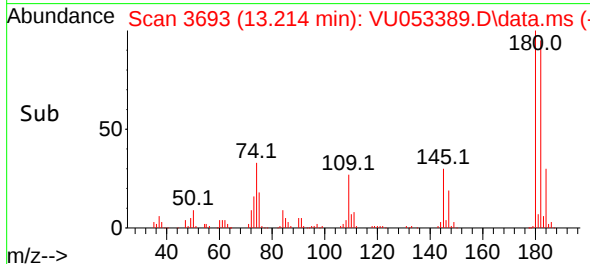
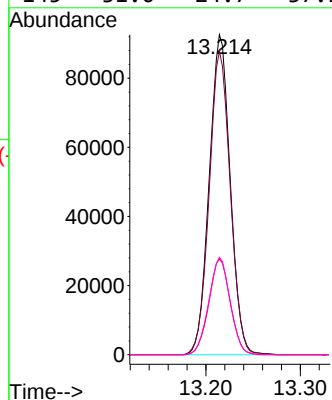


#69
 1,3,5-Trichlorobenzene
 Concen: 9.373 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Instrument :
 MSVOA_U
 ClientSampleId :

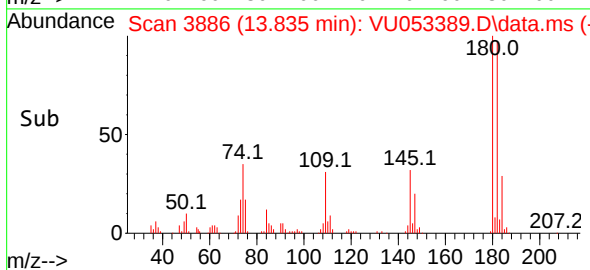
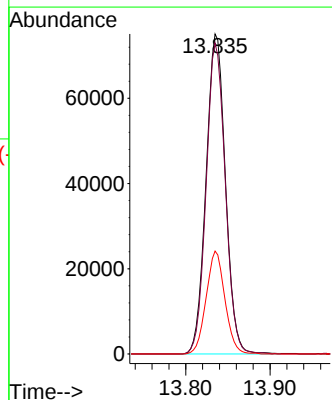
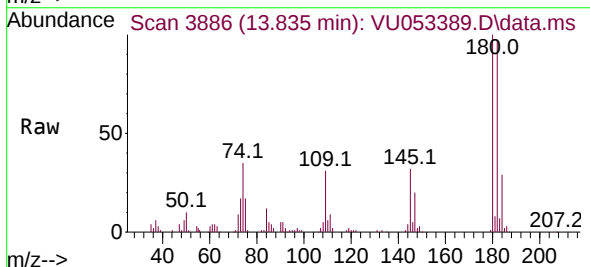


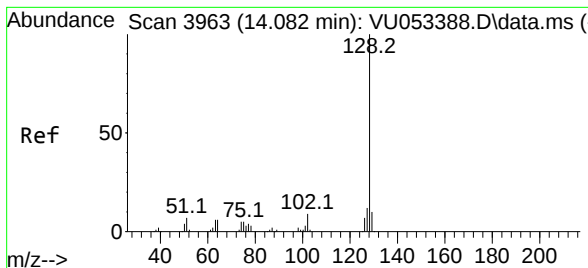
Tgt Ion:180 Resp: 142440
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.7 115.1
 184 30.6 24.1 36.1
 145 31.0 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 9.609 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU053389.D
 Acq: 24 Mar 2023 13:31

Tgt Ion:180 Resp: 120535
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.4 113.2
 145 31.1 25.8 38.8

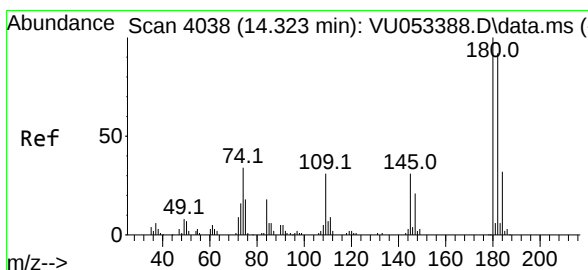
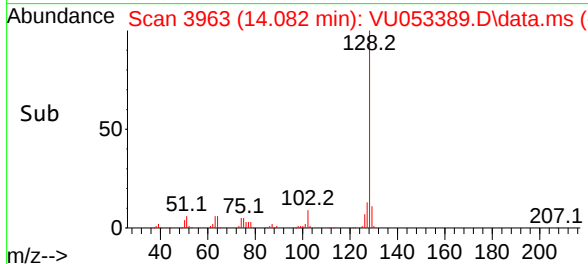
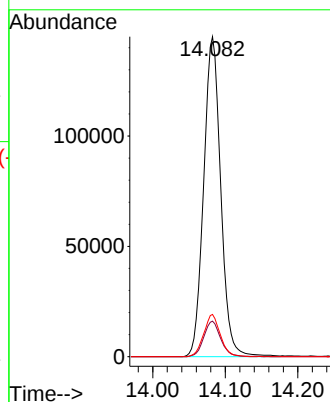
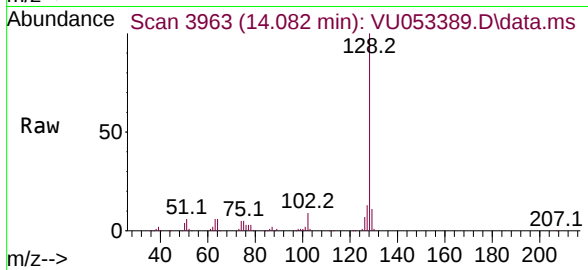




#71
Naphthalene
Concen: 9.534 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 237179
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 9.788 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU053389.D
Acq: 24 Mar 2023 13:31

Tgt Ion:180 Resp: 107921
Ion Ratio Lower Upper
180 100
182 94.3 74.8 112.2
145 32.7 26.3 39.5

