

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053836.D
 Acq On : 24 Apr 2023 11:51
 Operator : JC/MD
 Sample : VSTD00521
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

Quant Time: Apr 25 04:22:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:21:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	147659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	76878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	44147	4.522	ug/L	0.00
7) Chloroethane-d5	1.916	69	36277	4.166	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	17569	4.299	ug/L	0.00
20) 2-Butanone-d5	4.629	46	79994	37.403	ug/L	0.00
24) Chloroform-d	5.060	84	80613	4.469	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	37813	4.156	ug/L	0.00
32) Benzene-d6	5.722	84	163127	4.315	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	48174	4.223	ug/L	0.00
41) Toluene-d8	7.893	98	150077	4.239	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	18490	4.211	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	67939	39.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36624	3.935	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	51496	3.980	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	57834	5.397	ug/L	100
3) Chloromethane	1.520	50	54322	5.082	ug/L	100
5) Vinyl chloride	1.604	62	64271	5.282	ug/L	100
6) Bromomethane	1.858	94	40712	5.245	ug/L	100
8) Chloroethane	1.935	64	38693	5.477	ug/L	100
9) Trichlorofluoromethane	2.141	101	92584	5.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	54087	5.742	ug/L	100
12) 1,1-Dichloroethene	2.581	96	47517	5.573	ug/L	100
13) Acetone	2.649	43	63222	46.751	ug/L	100
14) Carbon disulfide	2.793	76	130705	5.266	ug/L	100
15) Methyl Acetate	2.954	43	14463	4.581	ug/L	100
16) Methylene chloride	3.044	84	57724	5.100	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	105388	5.197	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	47835	5.426	ug/L	100
19) 1,1-Dichloroethane	3.867	63	89015	5.479	ug/L	100
21) 2-Butanone	4.710	43	95014	45.307	ug/L	100
22) cis-1,2-Dichloroethene	4.661	96	53693	4.556	ug/L	100
23) Bromochloromethane	4.973	128	24919	5.793	ug/L	100
25) Chloroform	5.083	83	95714	5.664	ug/L	100
27) 1,2-Dichloroethane	5.790	62	54558	5.259	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	81520	5.776	ug/L	100
30) Cyclohexane	5.385	56	73873	5.065	ug/L	100
31) Carbon tetrachloride	5.520	117	73188	5.997	ug/L	100
33) Benzene	5.771	78	207551	5.445	ug/L	100
34) Trichloroethene	6.539	95	55968	5.497	ug/L	100
35) Methylcyclohexane	6.761	83	87356	5.127	ug/L	100
37) 1,2-Dichloropropane	6.787	63	51928	5.240	ug/L	100
38) Bromodichloromethane	7.102	83	63553	5.666	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	74660	5.131	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	226286	47.859	ug/L	100
42) Toluene	7.964	91	223087	5.382	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	61610	5.204	ug/L	100

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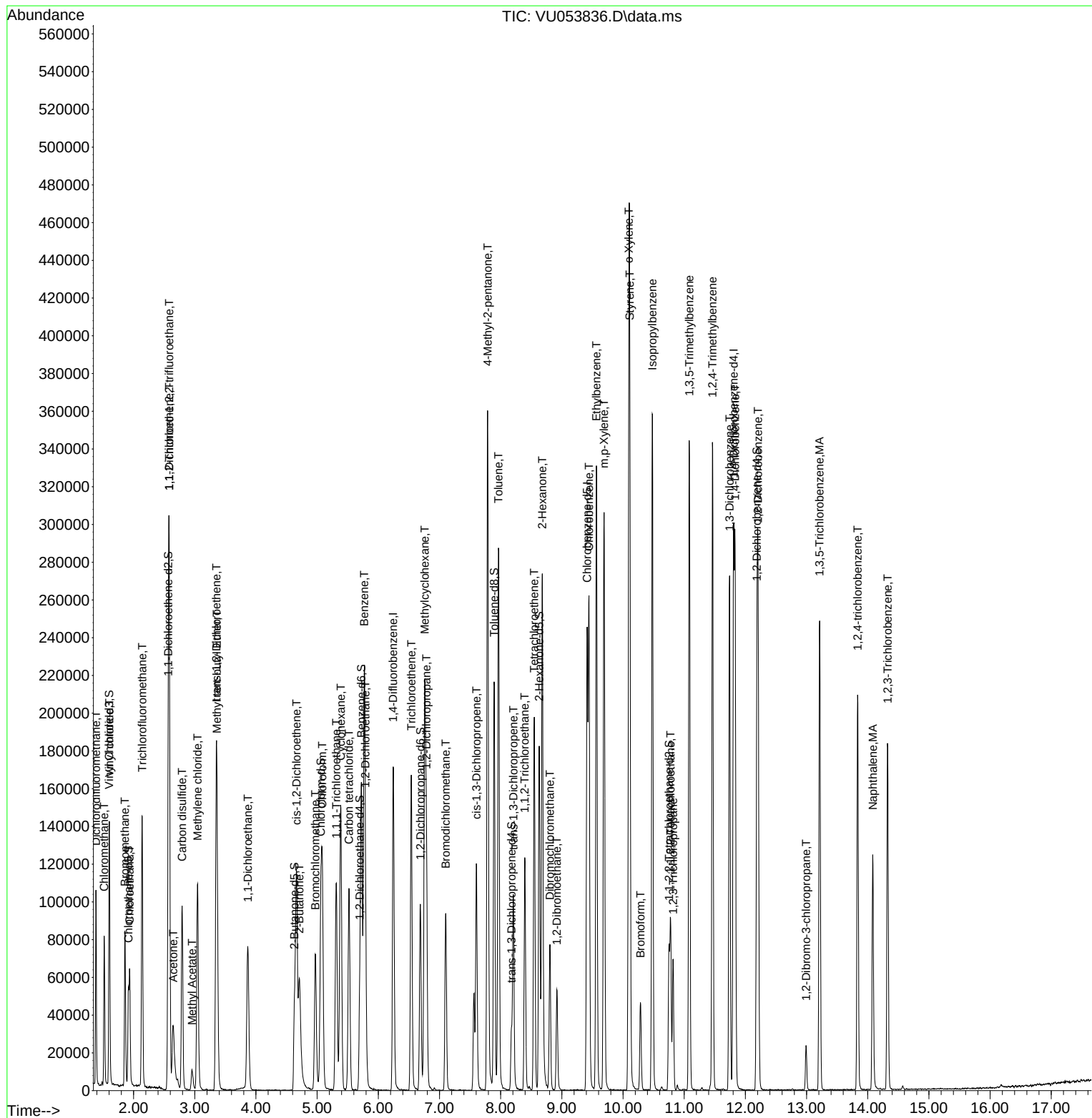
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	39533	5.563	ug/L	100
47) Tetrachloroethene	8.549	164	44684	5.864	ug/L	100
48) 2-Hexanone	8.681	43	164001	47.201	ug/L	100
49) Dibromochloromethane	8.806	129	40684	5.715	ug/L	100
50) 1,2-Dibromoethane	8.918	107	35557	5.232	ug/L	100
51) Chlorobenzene	9.443	112	143308	5.474	ug/L	100
52) Ethylbenzene	9.565	91	236553	5.265	ug/L	100
53) m,p-Xylene	9.690	106	92960	5.422	ug/L	100
54) o-Xylene	10.095	106	89097	5.466	ug/L	100
55) Styrene	10.111	104	146004	5.439	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	43673	4.981	ug/L	100
59) Bromoform	10.285	173	21756	5.376	ug/L	100
60) Isopropylbenzene	10.481	105	238278	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	30029	4.823	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	191993	5.106	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	192383	5.004	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	115508	5.518	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	112768	5.379	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	103009	5.246	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	6459	5.273	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	79885	5.446	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	64512	5.547	ug/L	100
71) Naphthalene	14.082	128	106228	4.960	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	55502	5.466	ug/L	100

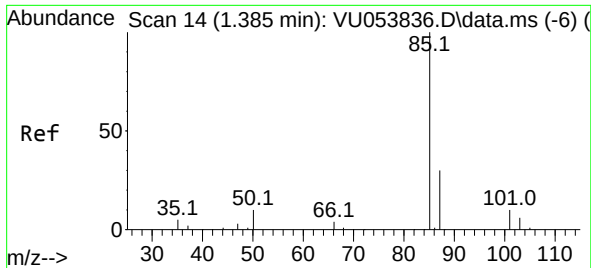
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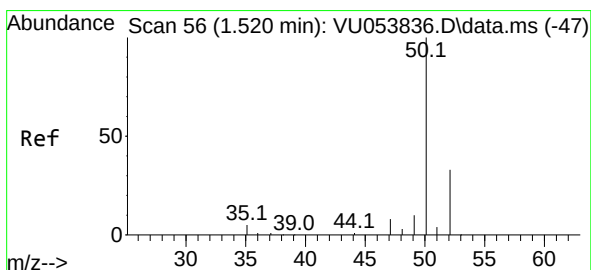
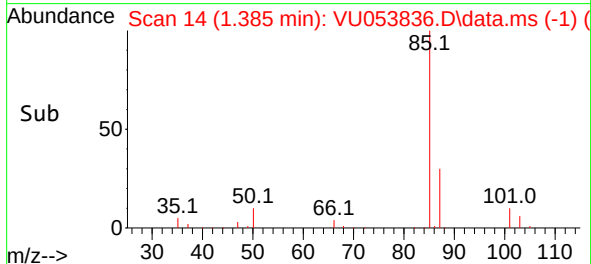
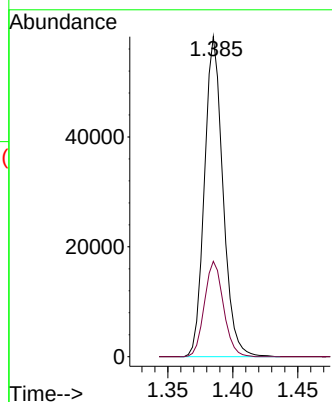
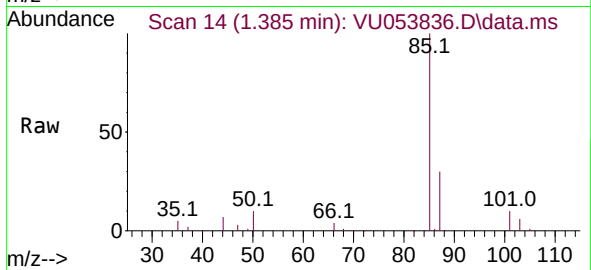




#2
Dichlorodifluoromethane
Concen: 5.397 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

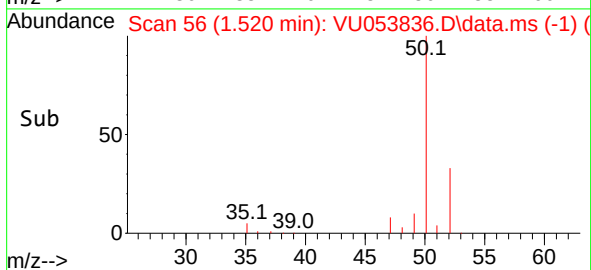
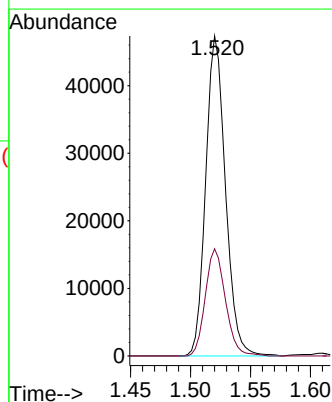
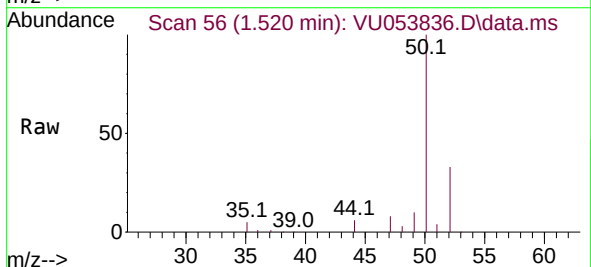
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

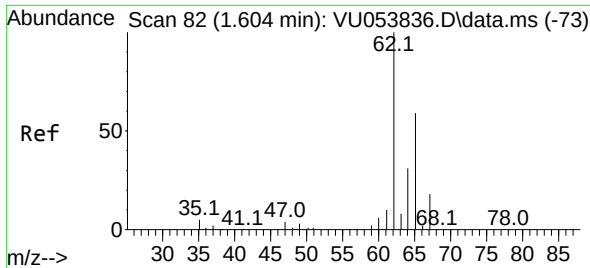
Tgt Ion: 85 Resp: 57834
Ion Ratio Lower Upper
85 100
87 30.6 24.5 36.7



#3
Chloromethane
Concen: 5.082 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 50 Resp: 54322
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6

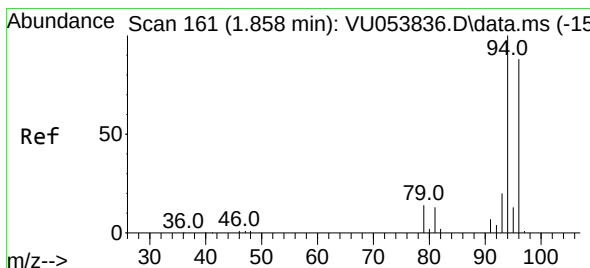
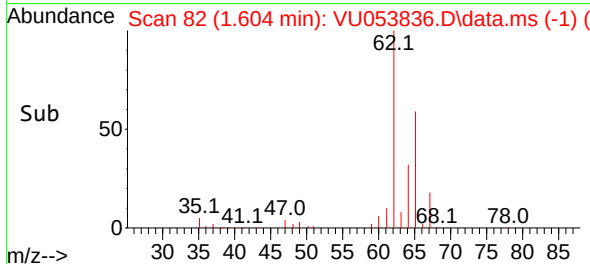
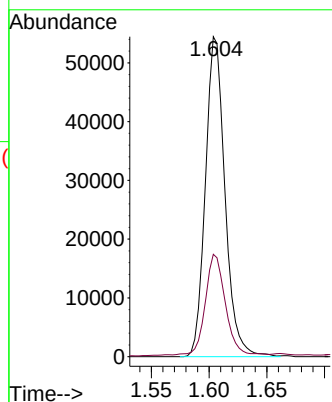
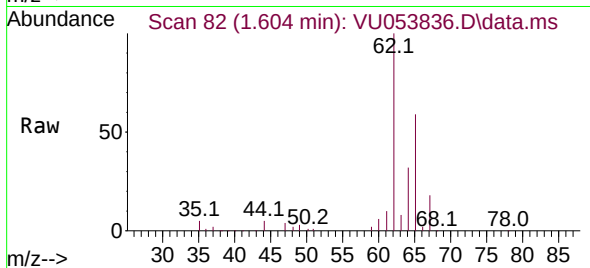




#5
 Vinyl chloride
 Concen: 5.282 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

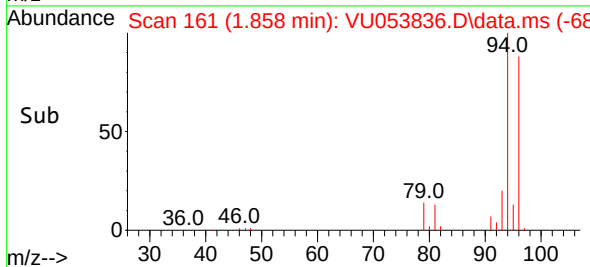
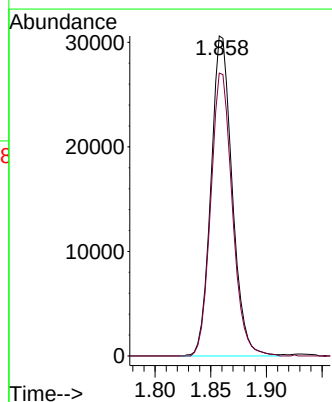
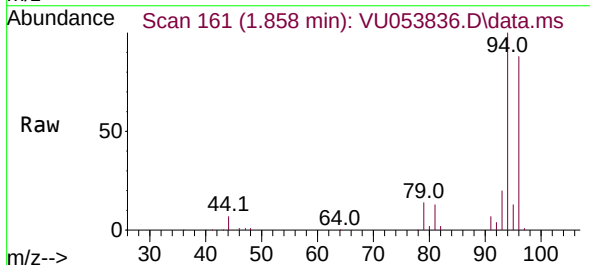
Instrument :
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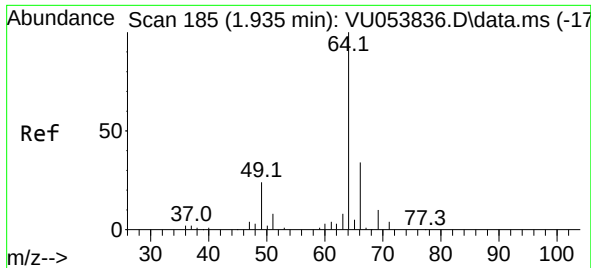
Tgt Ion: 62 Resp: 64271
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 5.245 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

Tgt Ion: 94 Resp: 40712
 Ion Ratio Lower Upper
 94 100
 96 88.4 61.9 114.9

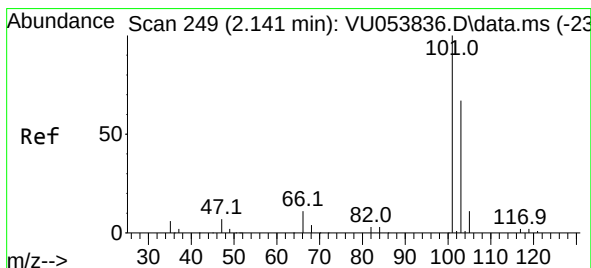
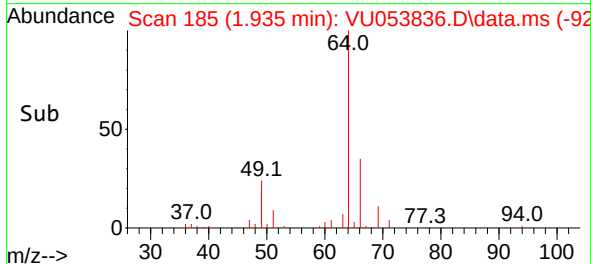
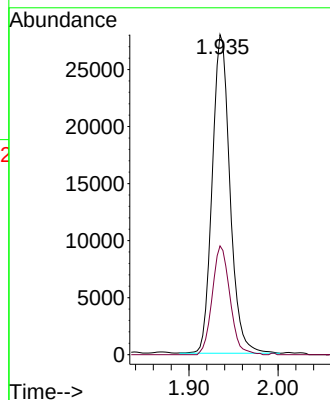
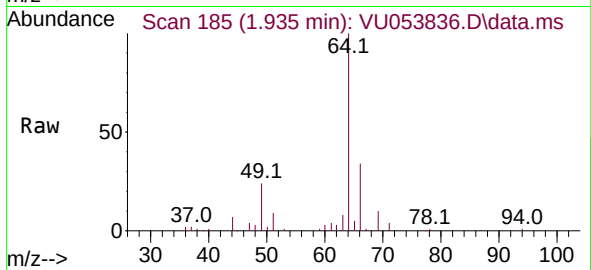




#8
Chloroethane
Concen: 5.477 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

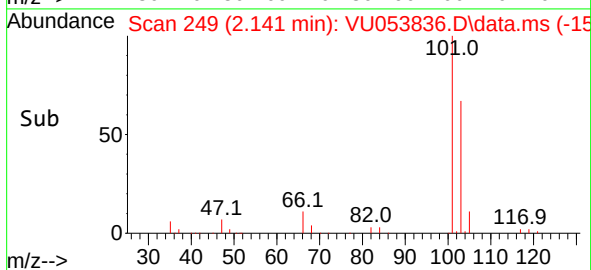
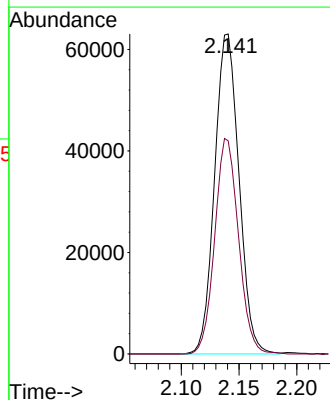
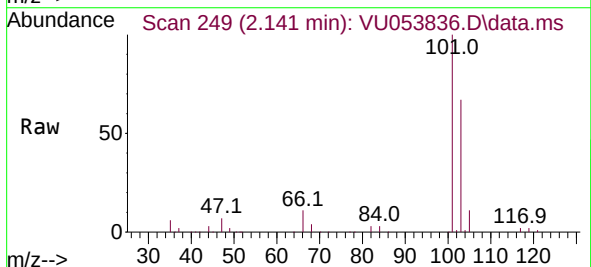
Instrument :
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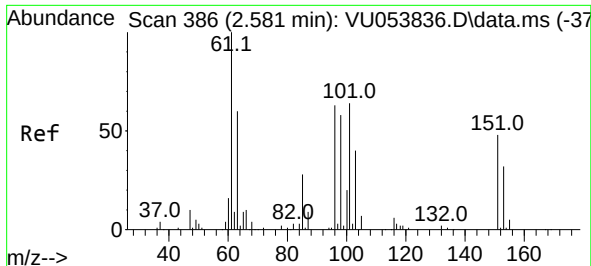
Tgt Ion: 64 Resp: 38693
Ion Ratio Lower Upper
64 100
66 34.0 23.8 44.2



#9
Trichlorofluoromethane
Concen: 5.124 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion:101 Resp: 92584
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

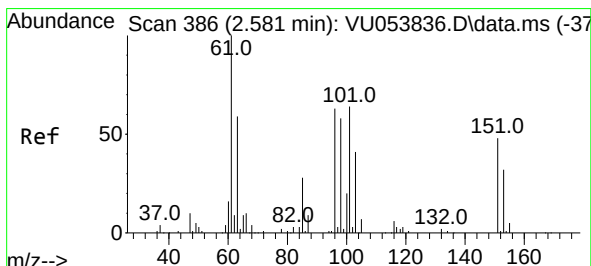
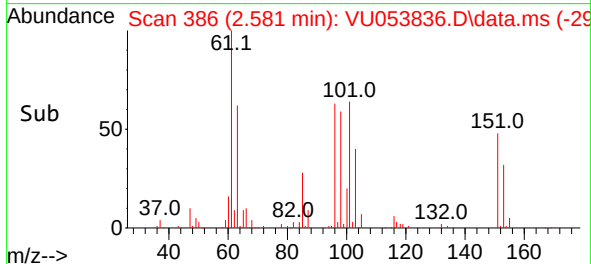
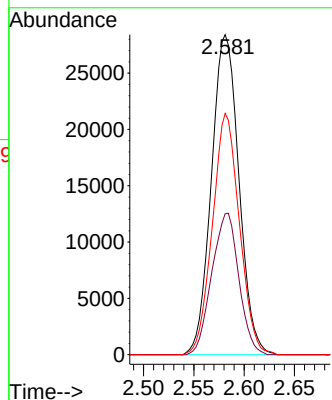
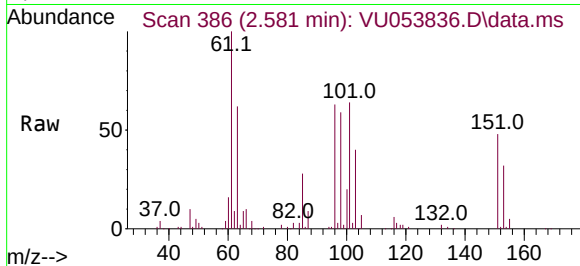




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.742 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU053836.D
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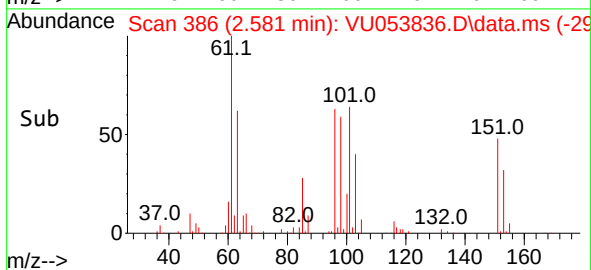
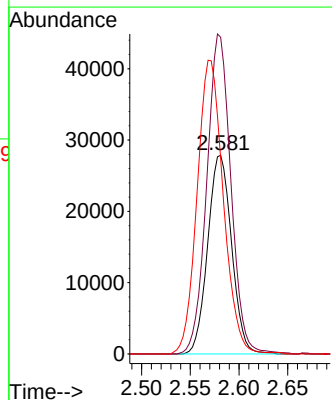
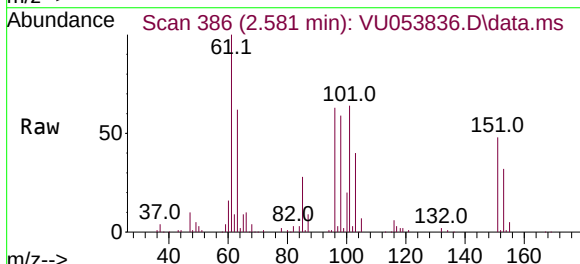
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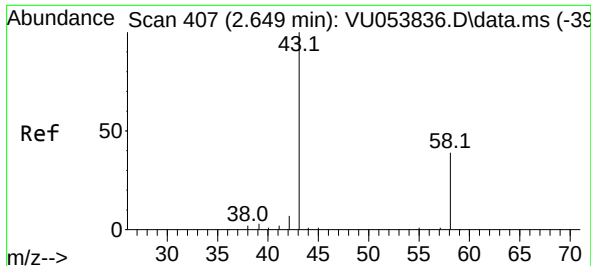
Tgt Ion:101 Resp: 54087
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 73.9 59.1 88.7



#12
1,1-Dichloroethene
Concen: 5.573 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 96 Resp: 47517
Ion Ratio Lower Upper
96 100
61 159.3 111.5 207.1
63 98.2 68.7 127.7





#13

Acetone

Concen: 46.751 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

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ClientSampleId :

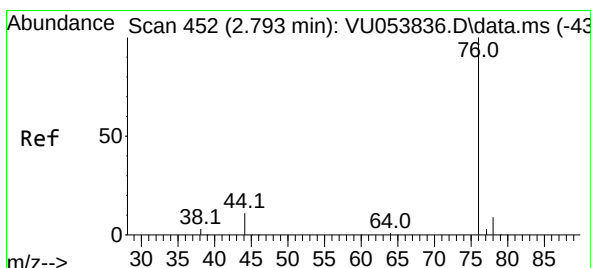
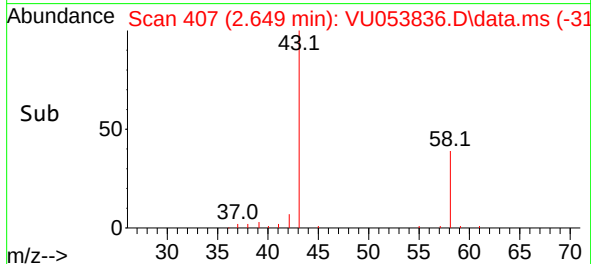
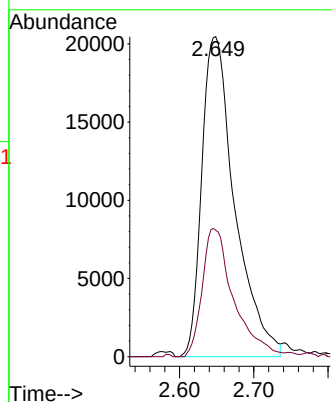
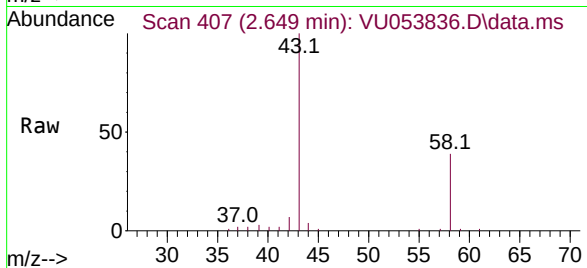
VSTD005021

Tgt Ion: 43 Resp: 63222

Ion Ratio Lower Upper

43 100

58 38.1 0.0 76.2



#14

Carbon disulfide

Concen: 5.266 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU053836.D

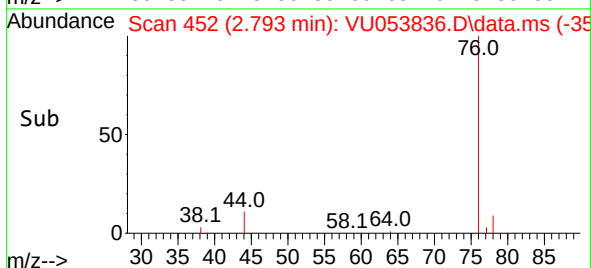
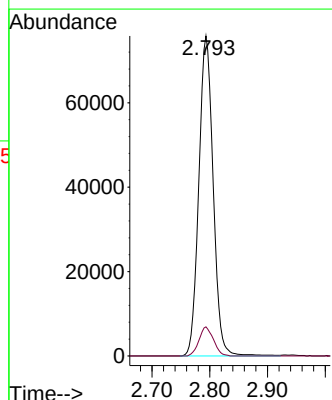
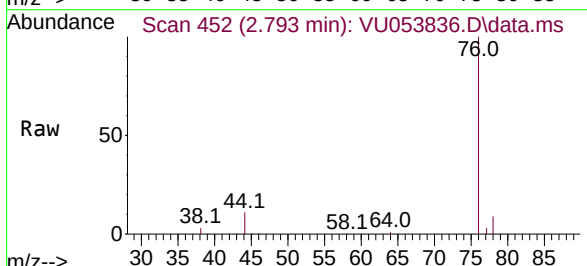
Acq: 24 Apr 2023 11:51

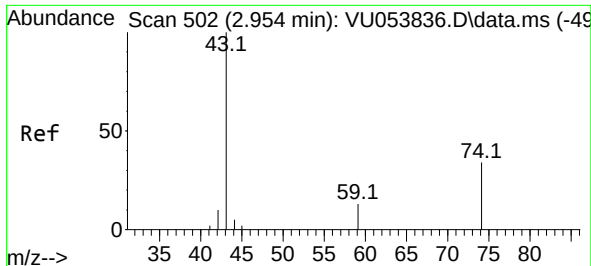
Tgt Ion: 76 Resp: 130705

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

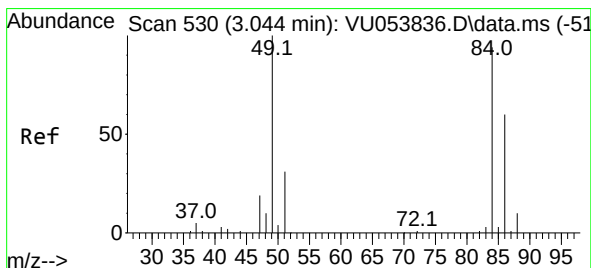
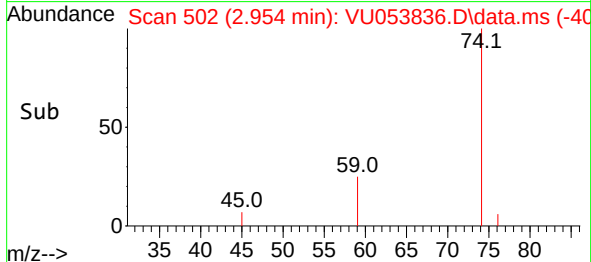
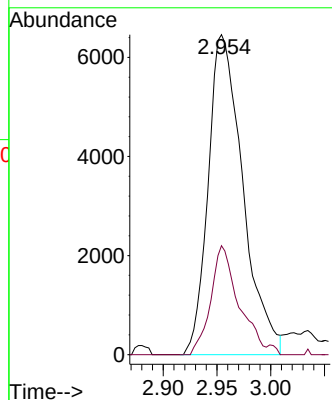
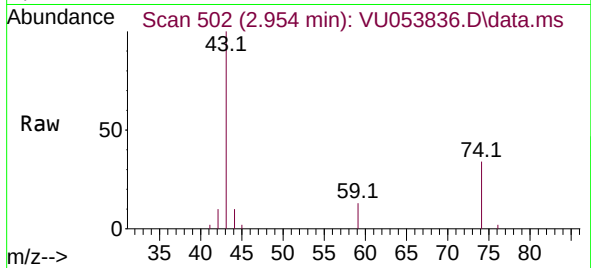




#15
Methyl Acetate
Concen: 4.581 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

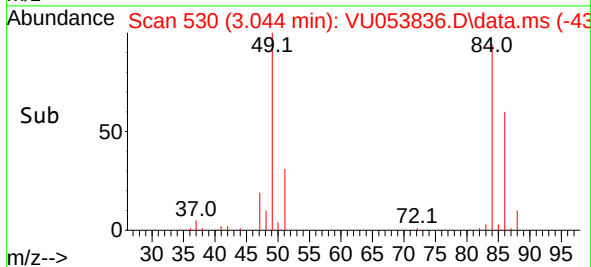
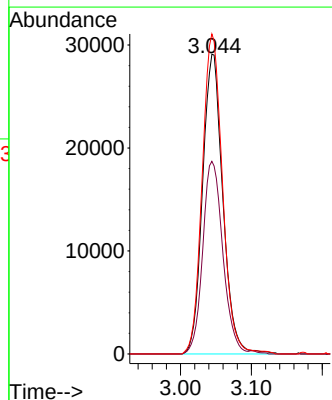
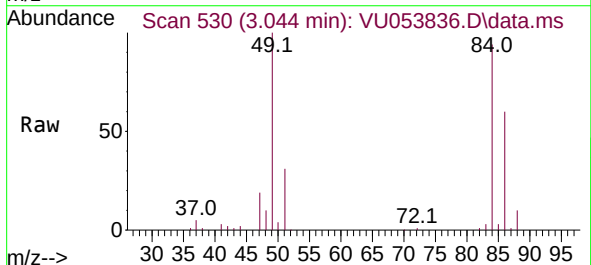
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

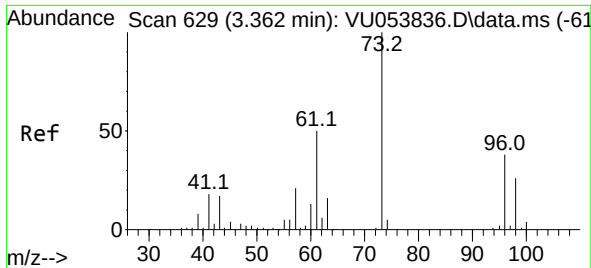
Tgt Ion: 43 Resp: 14463
Ion Ratio Lower Upper
43 100
74 27.5 22.0 33.0



#16
Methylene chloride
Concen: 5.100 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 84 Resp: 57724
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 106.8 74.8 138.8

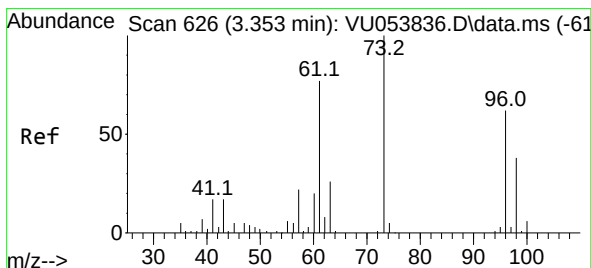
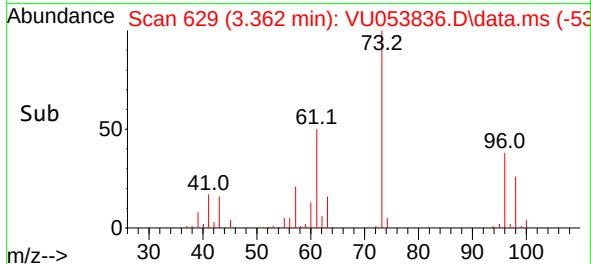
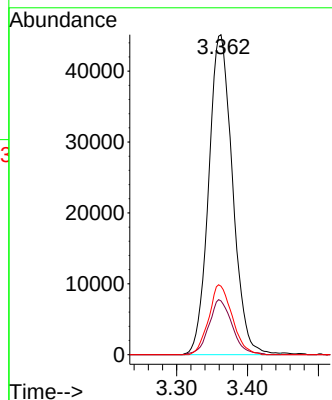
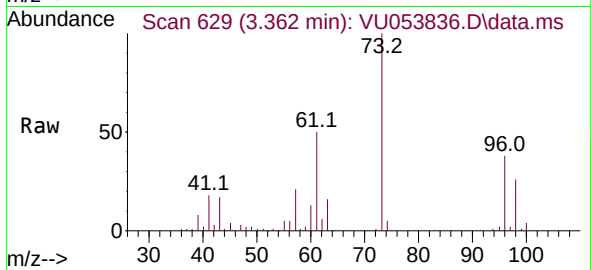




#17
Methyl tert-butyl Ether
Concen: 5.197 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

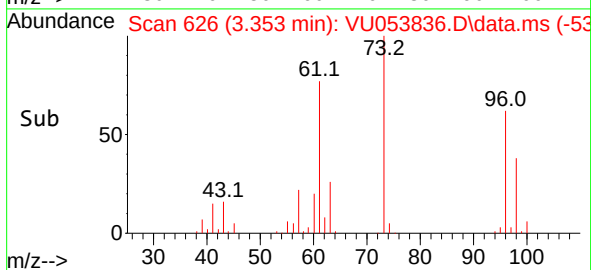
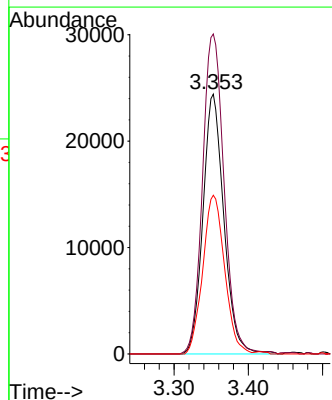
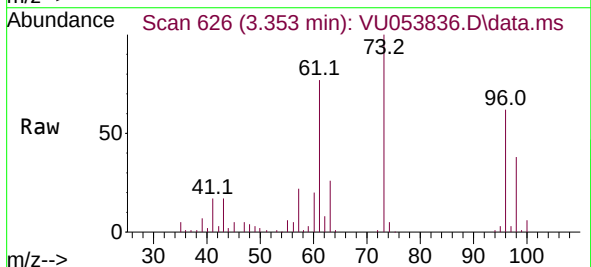
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

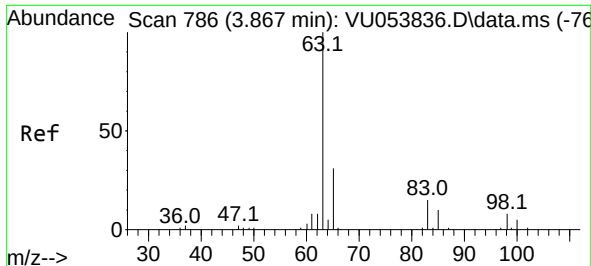
Tgt Ion: 73 Resp: 105388
Ion Ratio Lower Upper
73 100
43 16.8 13.4 20.2
57 21.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.426 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 96 Resp: 47835
Ion Ratio Lower Upper
96 100
61 123.1 86.2 160.0
98 61.1 42.8 79.4

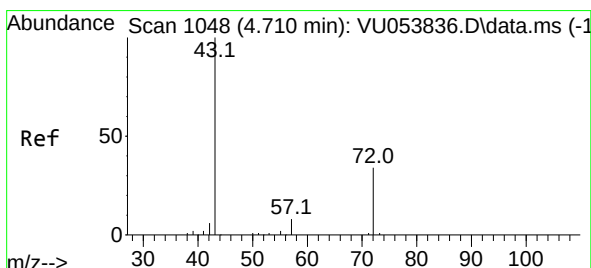
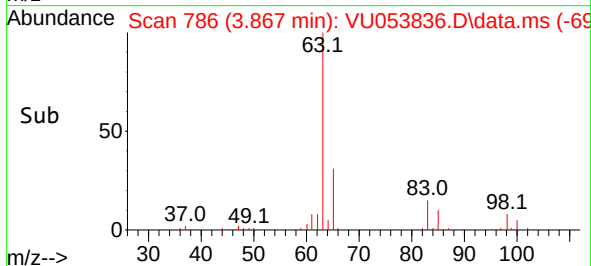
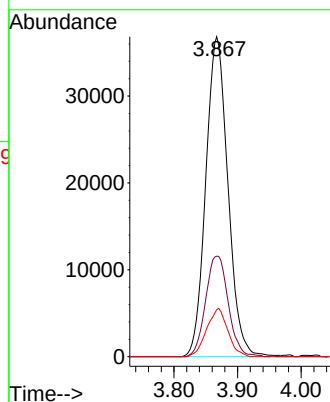
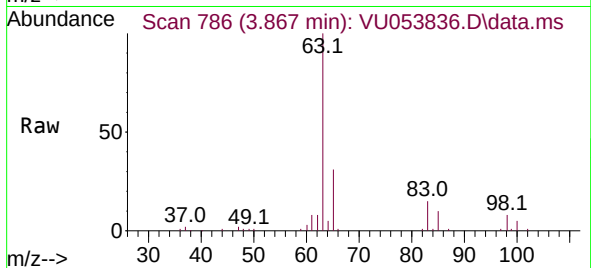




#19
1,1-Dichloroethane
Concen: 5.479 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

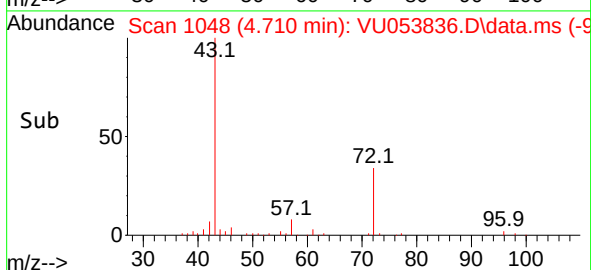
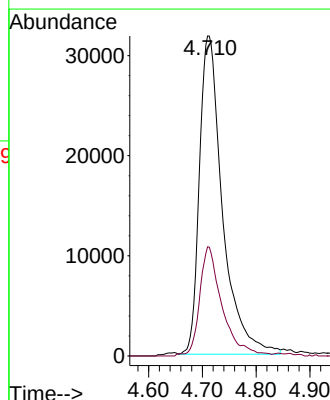
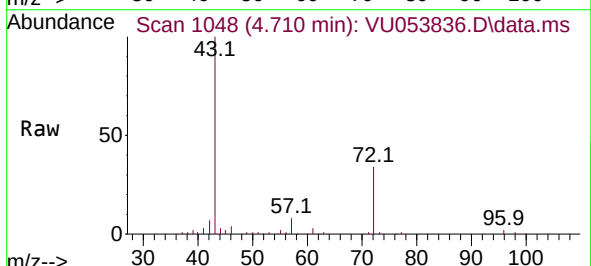
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

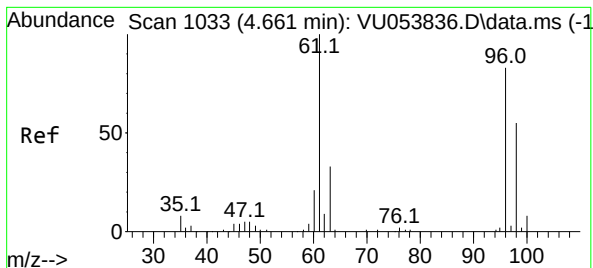
Tgt Ion:	63	Resp:	89015
Ion Ratio	Lower	Upper	
63	100		
65	31.4	22.0	40.8
83	14.7	10.3	19.1



#21
2-Butanone
Concen: 45.307 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion:	43	Resp:	95014
Ion Ratio	Lower	Upper	
43	100		
72	31.3	15.7	47.0





#22

cis-1,2-Dichloroethene

Concen: 4.556 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

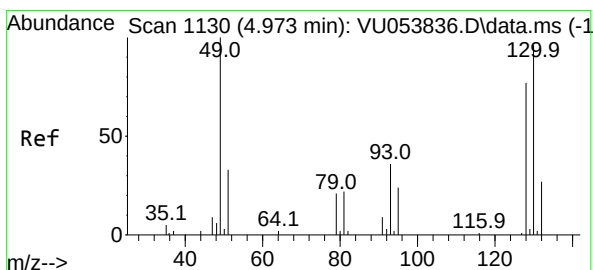
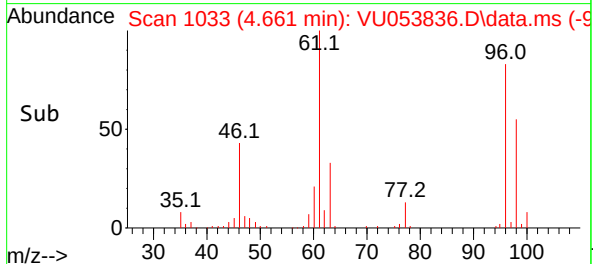
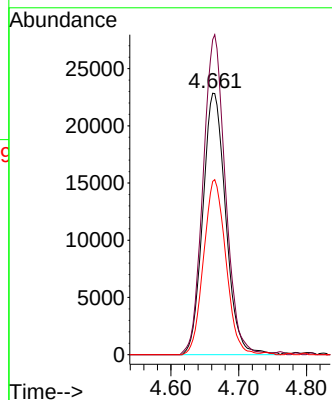
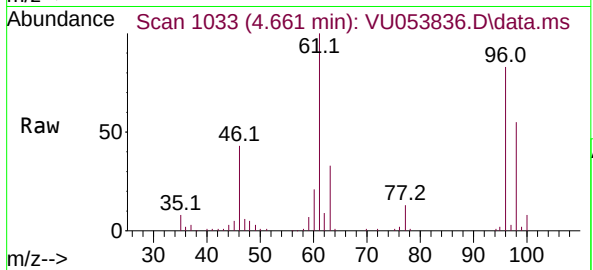
Tgt Ion: 96 Resp: 53693

Ion Ratio Lower Upper

96 100

61 120.4 84.3 156.5

98 66.3 46.4 86.2



#23

Bromochloromethane

Concen: 5.793 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Tgt Ion: 128 Resp: 24919

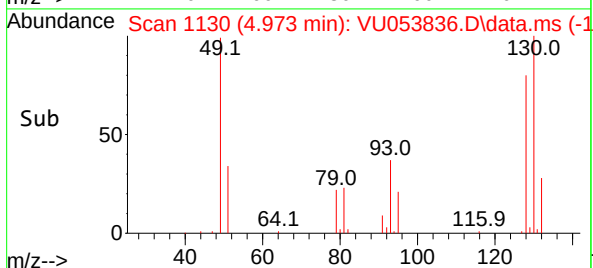
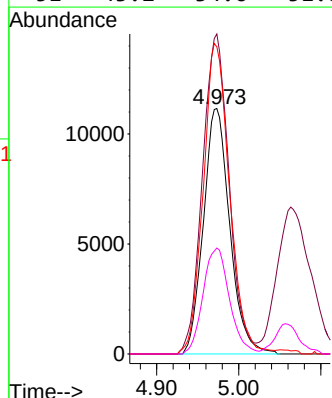
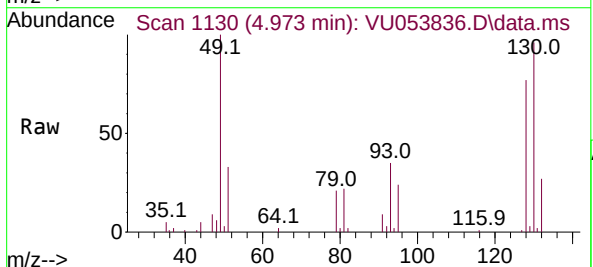
Ion Ratio Lower Upper

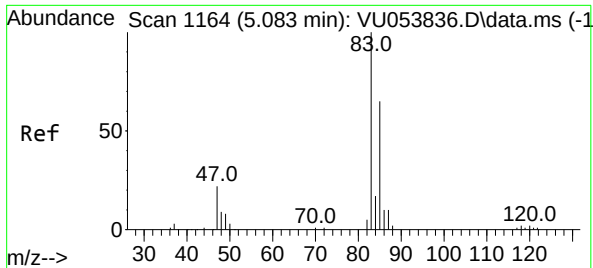
128 100

49 130.4 91.3 169.5

130 125.2 87.6 162.8

51 43.2 34.6 51.8

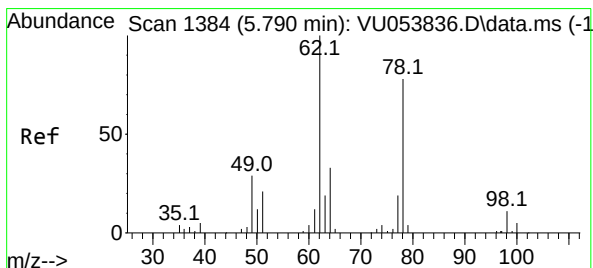
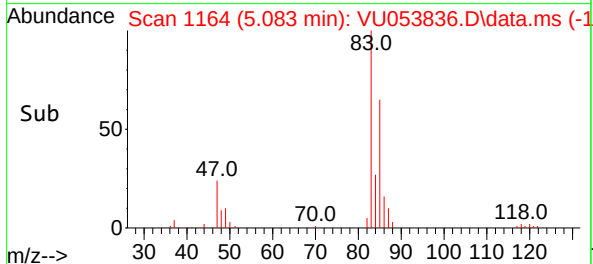
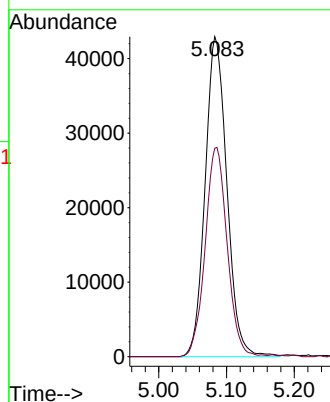
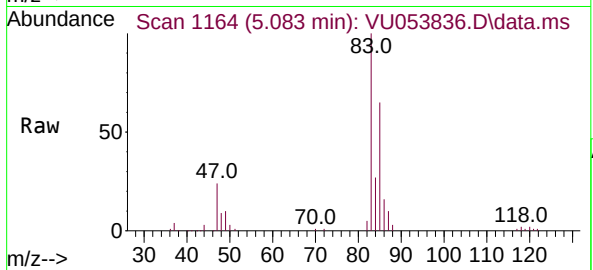




#25
Chloroform
Concen: 5.664 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

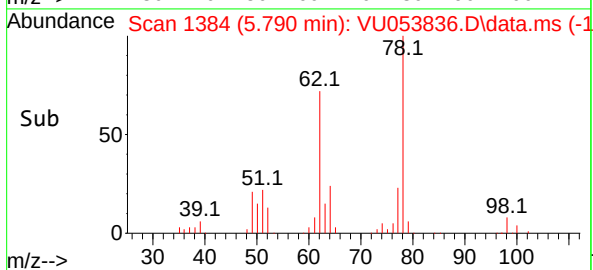
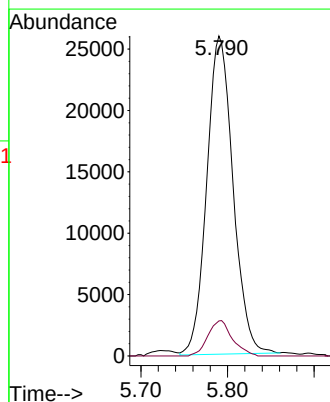
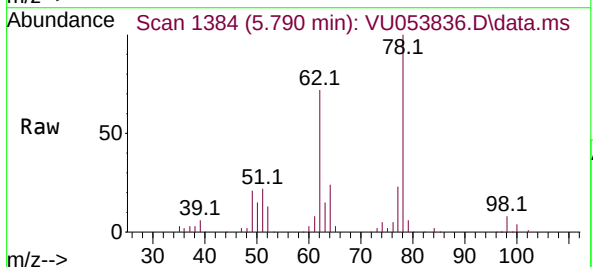
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

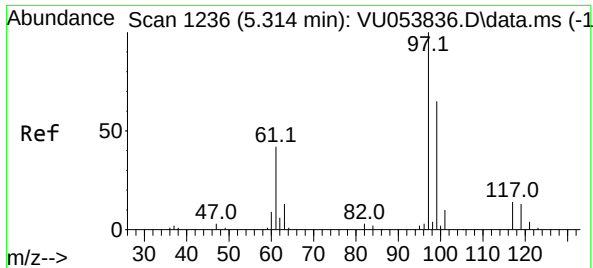
Tgt Ion: 83 Resp: 95714
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.259 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 62 Resp: 54558
Ion Ratio Lower Upper
62 100
98 10.9 8.7 13.1





#29

1,1,1-Trichloroethane

Concen: 5.776 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

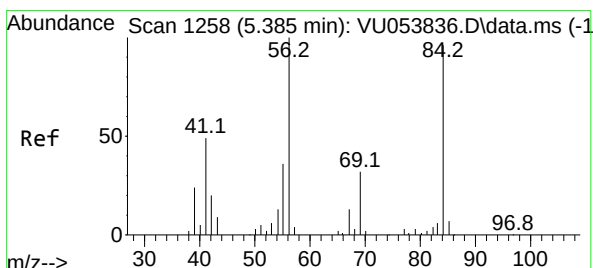
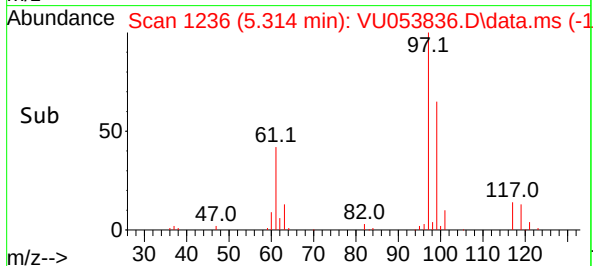
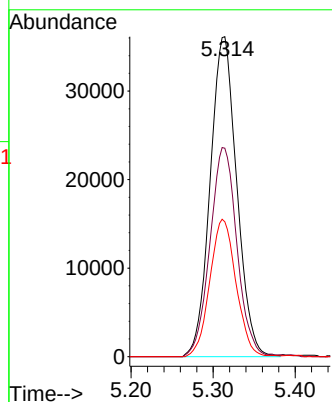
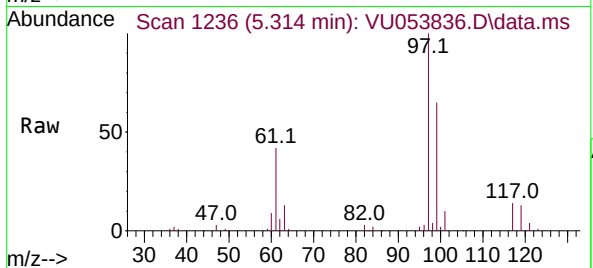
Tgt Ion: 97 Resp: 81520

Ion Ratio Lower Upper

97 100

99 66.1 52.9 79.3

61 42.3 33.8 50.8



#30

Cyclohexane

Concen: 5.065 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

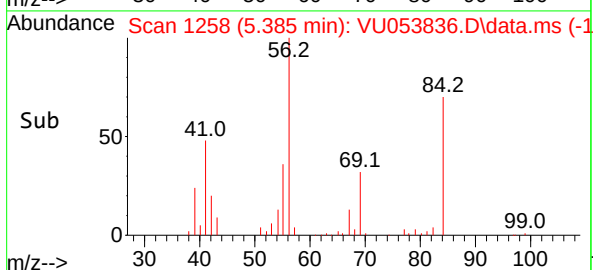
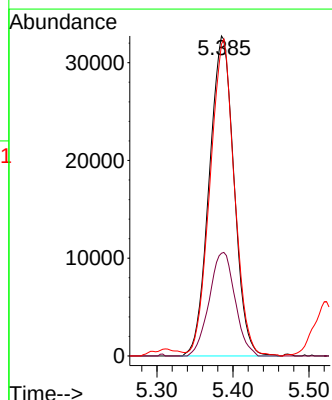
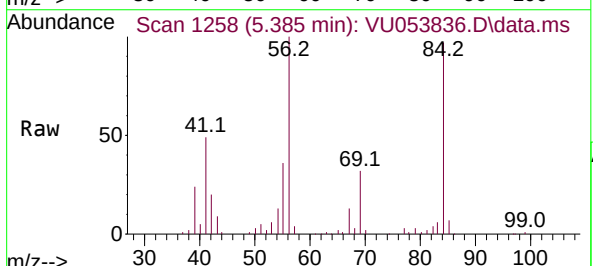
Tgt Ion: 56 Resp: 73873

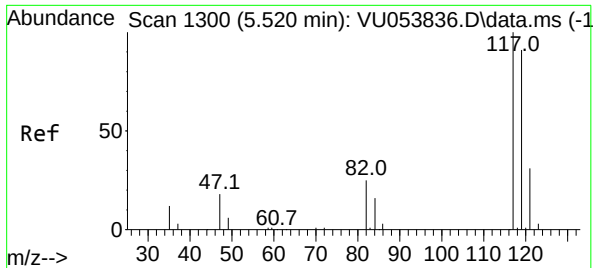
Ion Ratio Lower Upper

56 100

69 33.7 27.0 40.4

84 97.5 78.0 117.0

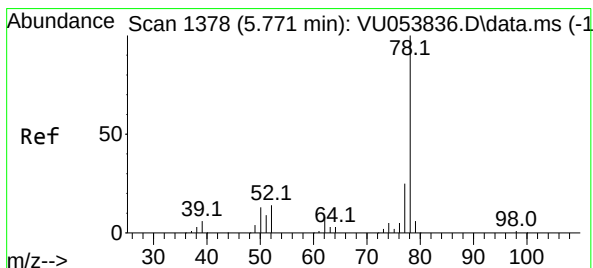
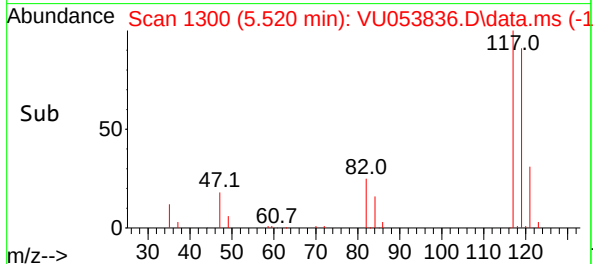
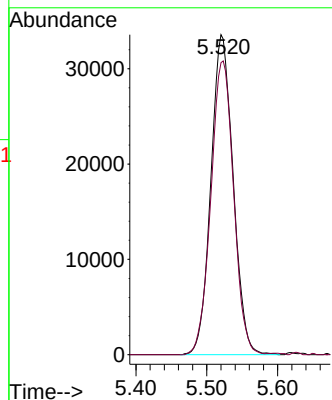
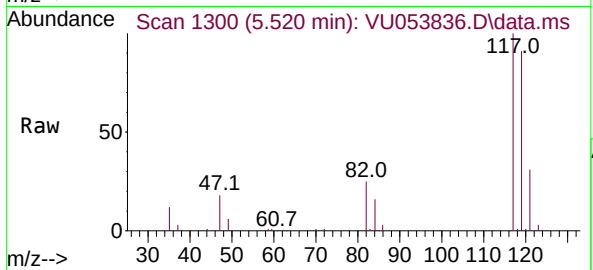




#31
Carbon tetrachloride
Concen: 5.997 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

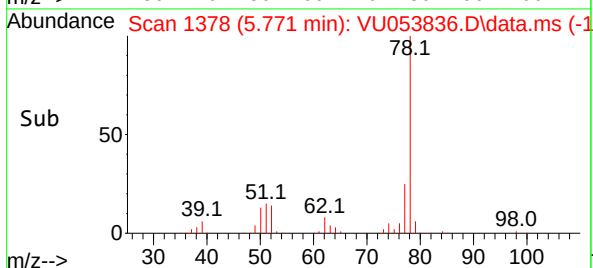
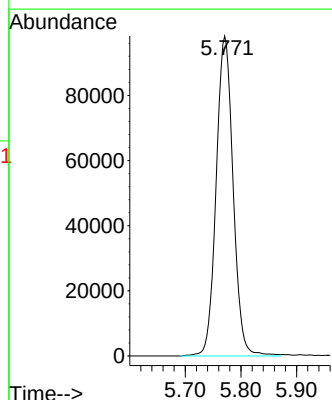
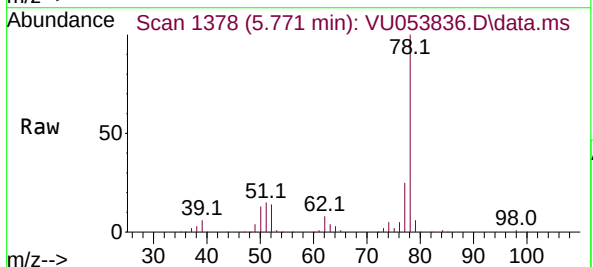
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

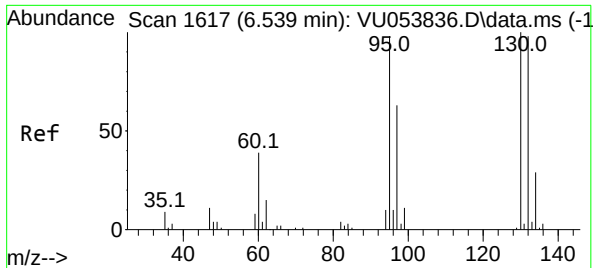
Tgt Ion:117 Resp: 73188
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6



#33
Benzene
Concen: 5.445 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 78 Resp: 207551

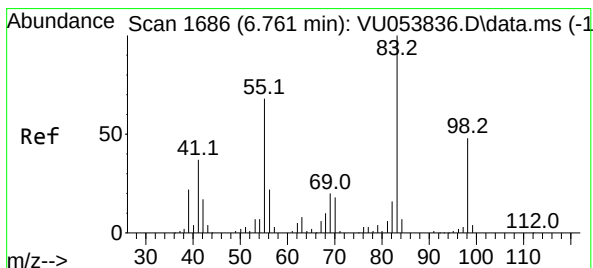
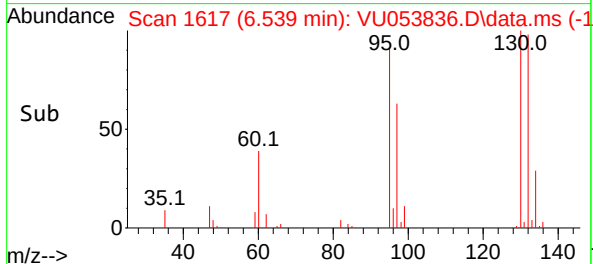
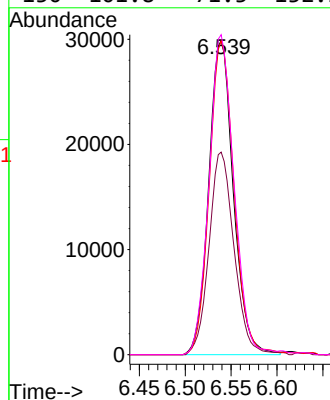
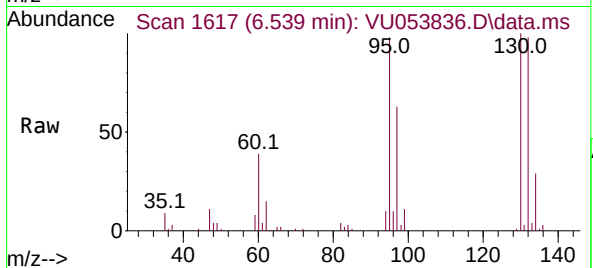




#34
Trichloroethene
Concen: 5.497 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

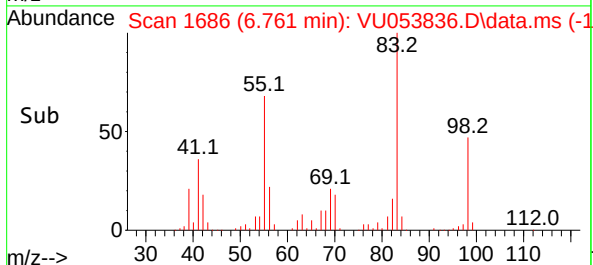
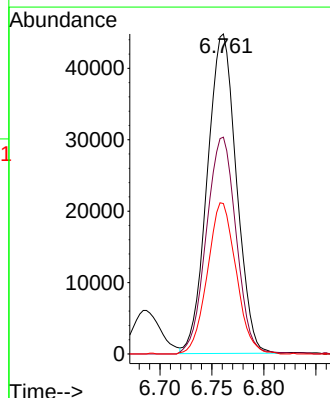
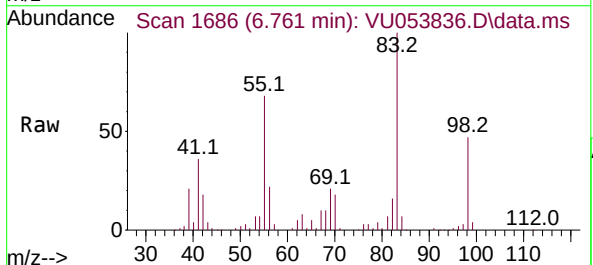
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

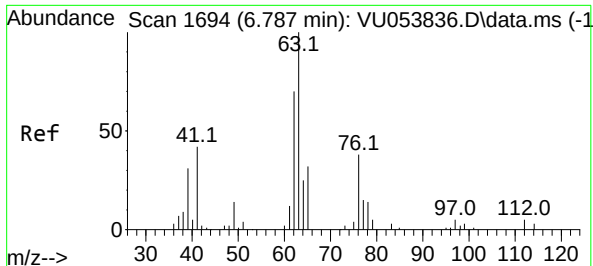
Tgt Ion: 95 Resp: 55968
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.9
132 99.9 69.9 129.9
130 101.8 71.3 132.3



#35
Methylcyclohexane
Concen: 5.127 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 83 Resp: 87356
Ion Ratio Lower Upper
83 100
55 69.3 55.4 83.2
98 46.6 37.3 55.9





#37

1,2-Dichloropropane

Concen: 5.240 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

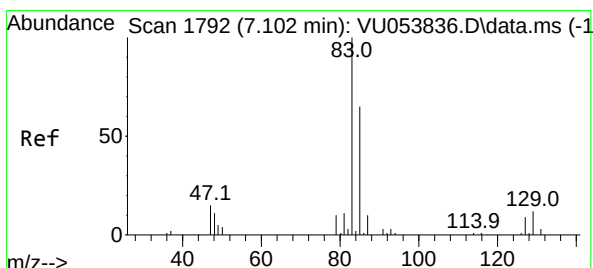
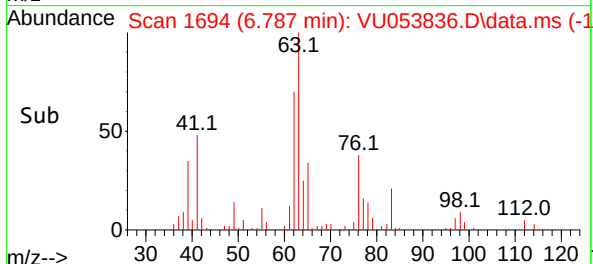
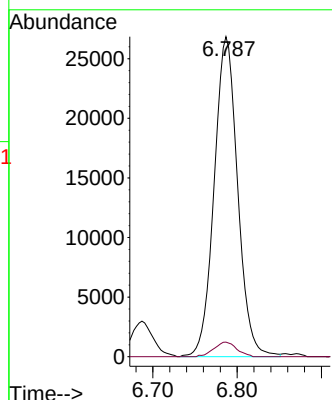
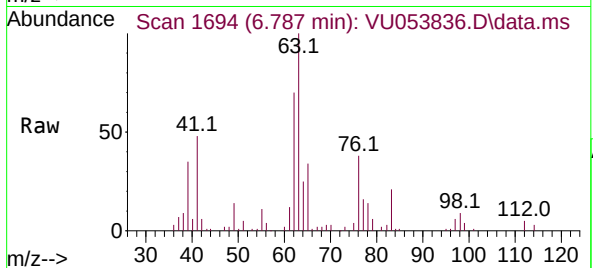
VSTD005021

Tgt Ion: 63 Resp: 51928

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 5.666 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

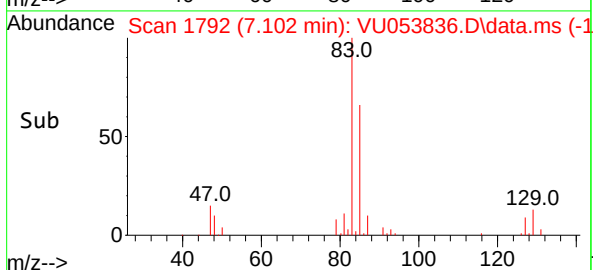
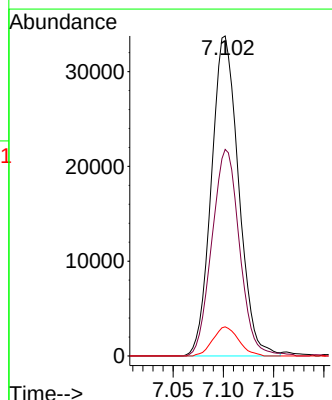
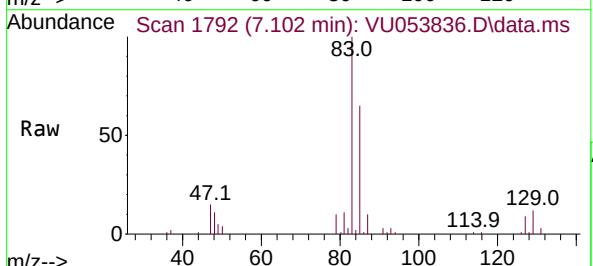
Tgt Ion: 83 Resp: 63553

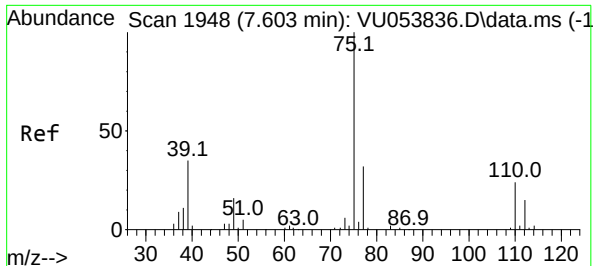
Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.131 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

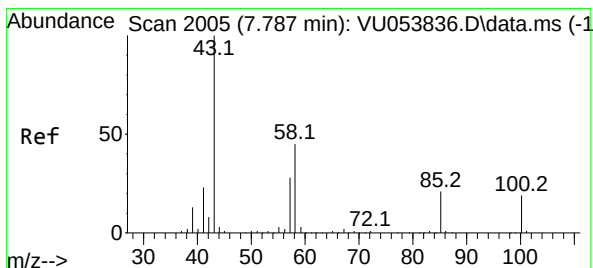
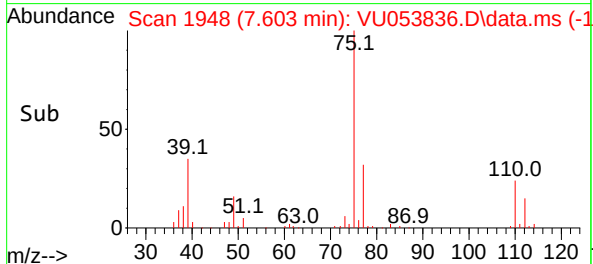
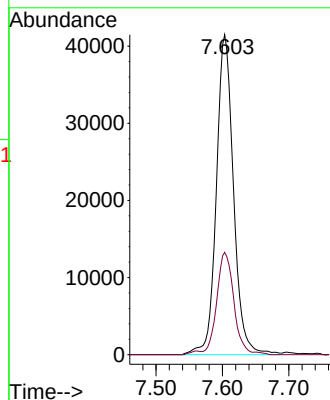
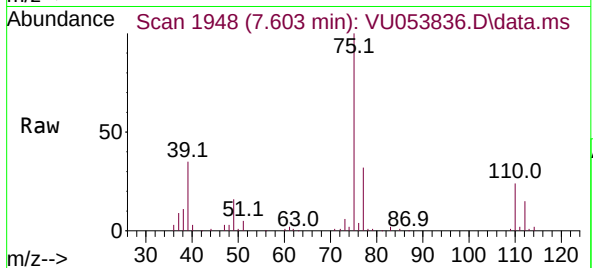
VSTD005021

Tgt Ion: 75 Resp: 74660

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 47.859 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

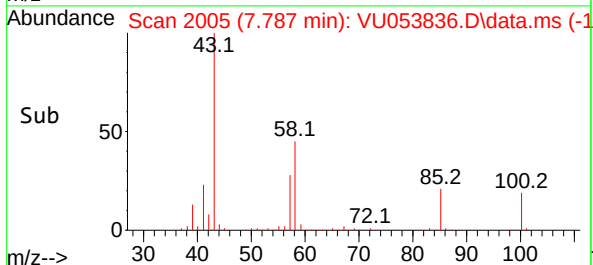
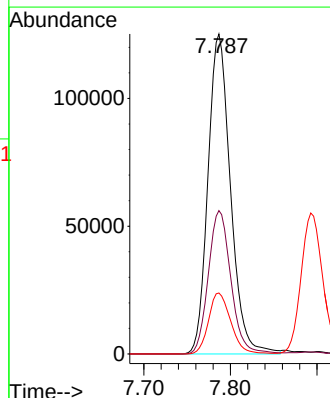
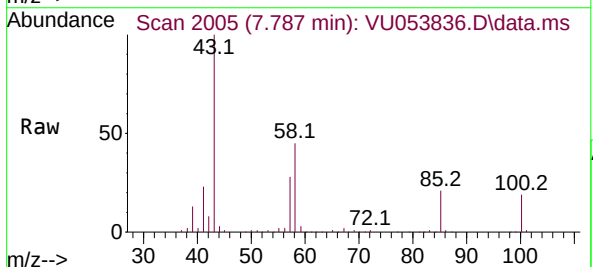
Tgt Ion: 43 Resp: 226286

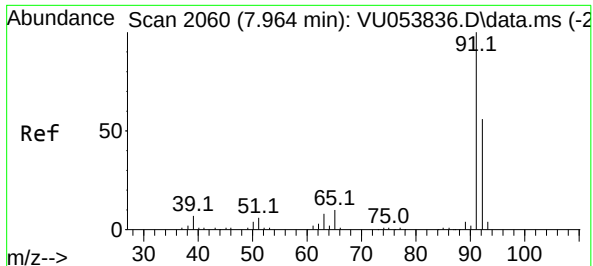
Ion Ratio Lower Upper

43 100

58 45.0 36.0 54.0

100 18.9 15.1 22.7





#42

Toluene

Concen: 5.382 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

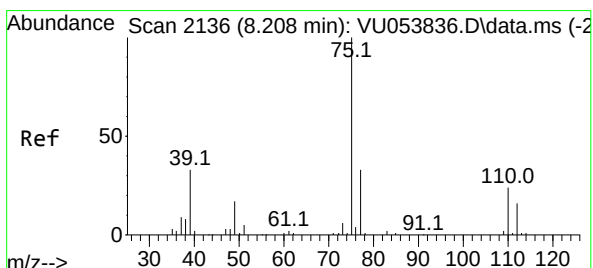
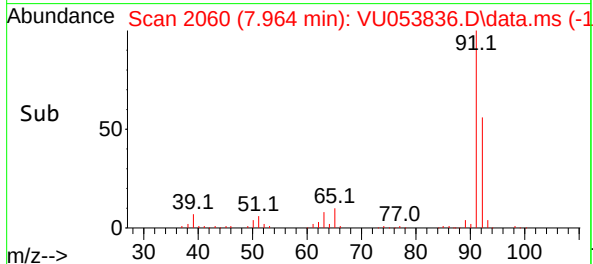
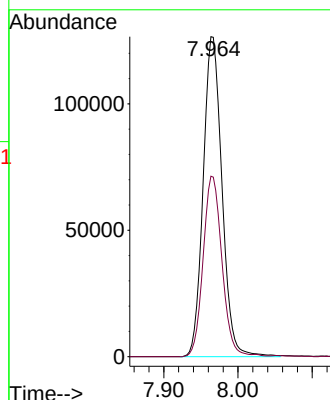
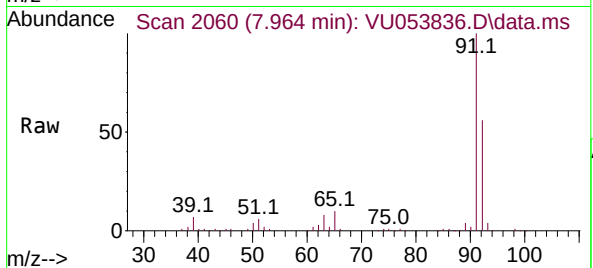
VSTD005021

Tgt Ion: 91 Resp: 223087

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.204 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU053836.D

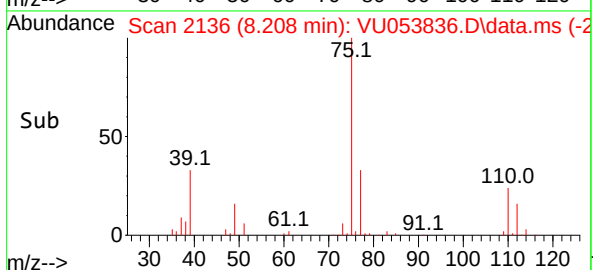
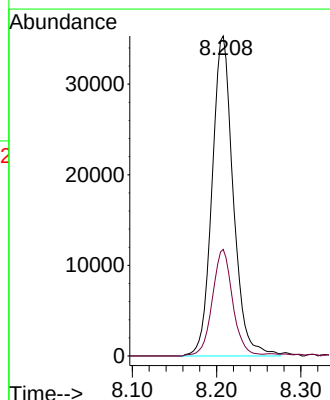
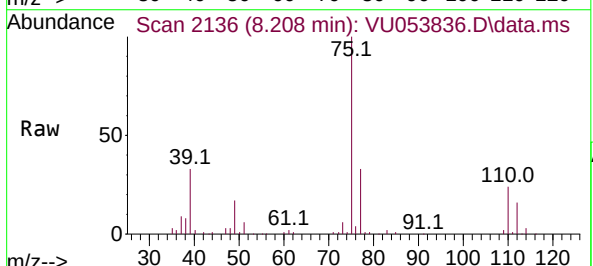
Acq: 24 Apr 2023 11:51

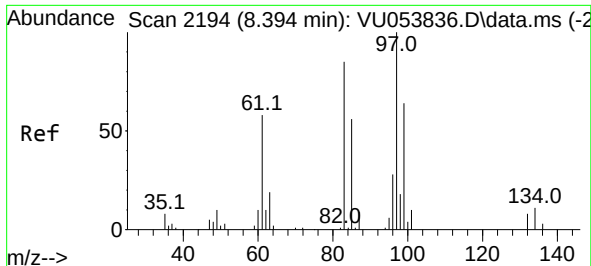
Tgt Ion: 75 Resp: 61610

Ion Ratio Lower Upper

75 100

77 33.3 23.3 43.3



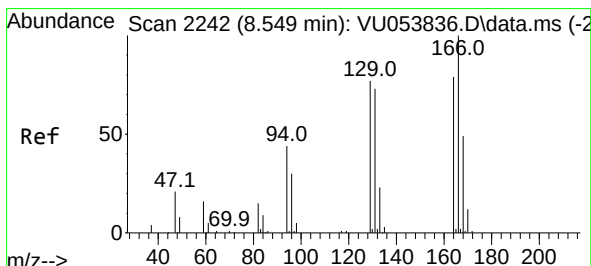
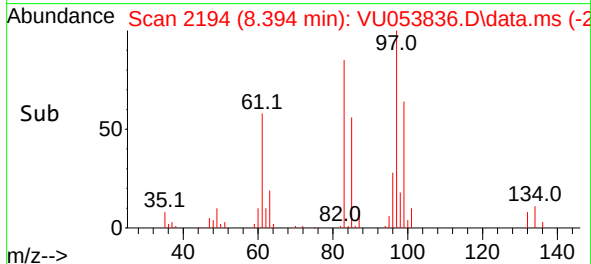
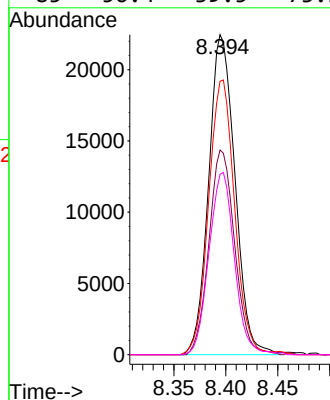
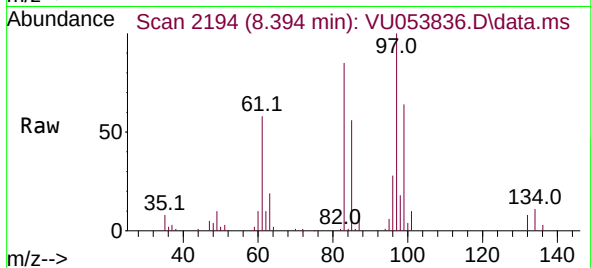


#45
1,1,2-Trichloroethane
Concen: 5.563 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

Tgt Ion: 97 Resp: 39533

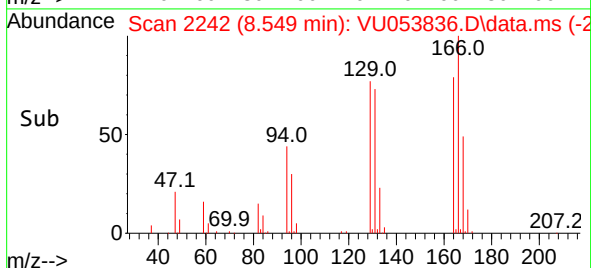
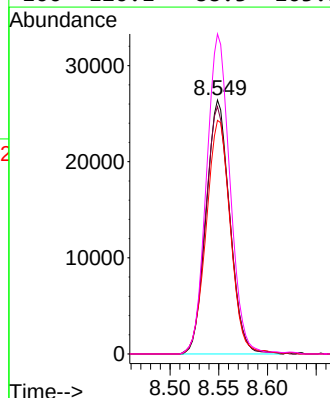
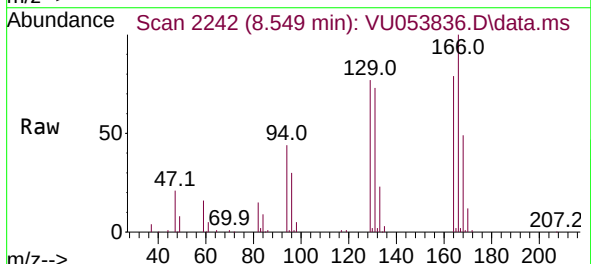
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	83.1
83	85.5	59.8	111.1
85	56.4	39.5	73.3

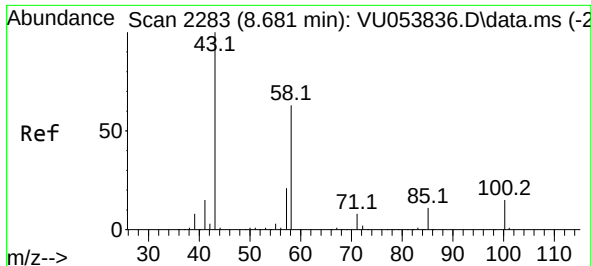


#47
Tetrachloroethene
Concen: 5.864 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 164 Resp: 44684

Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.3	126.8
131	92.0	64.4	119.6
166	126.1	88.3	163.9



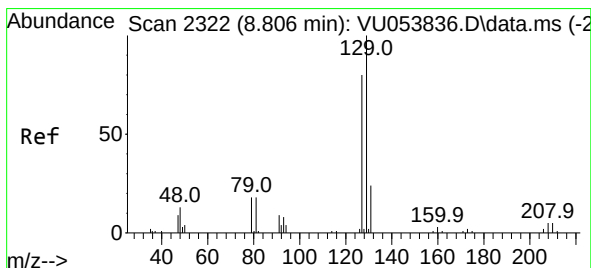
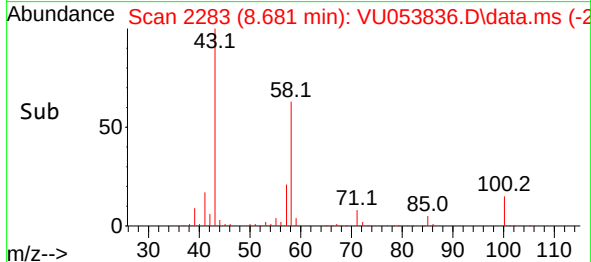
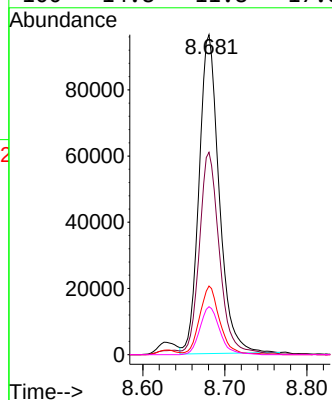
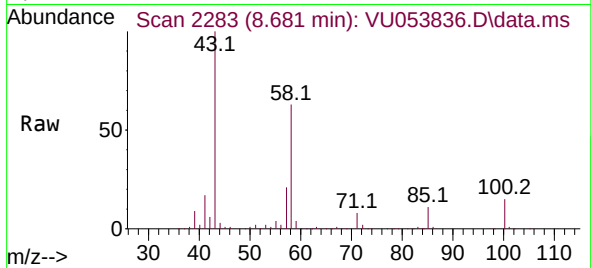


#48
2-Hexanone
Concen: 47.201 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

Tgt Ion: 43 Resp: 164001

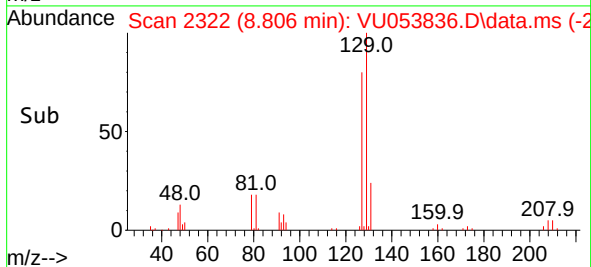
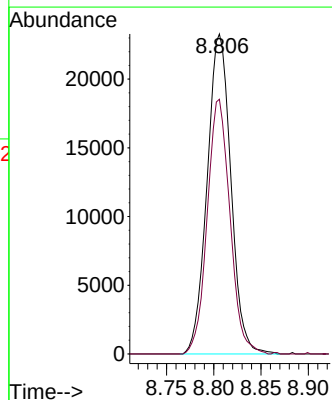
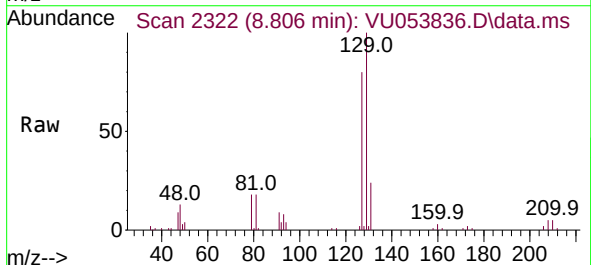
Ion	Ratio	Lower	Upper
43	100		
58	62.2	49.8	74.6
57	21.1	16.9	25.3
100	14.8	11.8	17.8

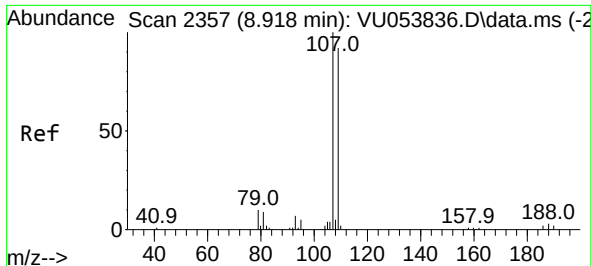


#49
Dibromochloromethane
Concen: 5.715 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 129 Resp: 40684

Ion	Ratio	Lower	Upper
129	100		
127	79.6	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.232 ug/L

RT: 8.918 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

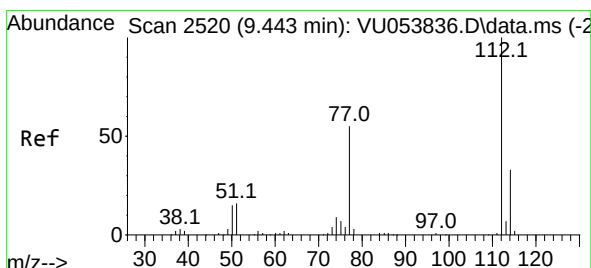
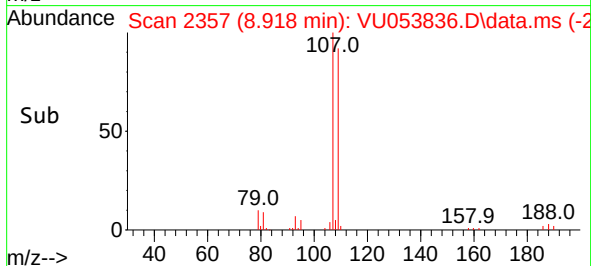
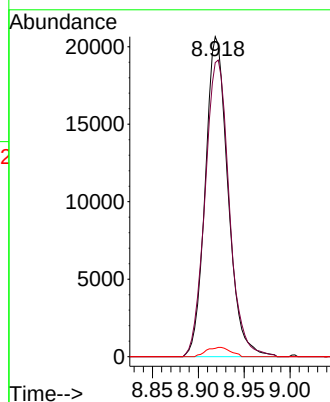
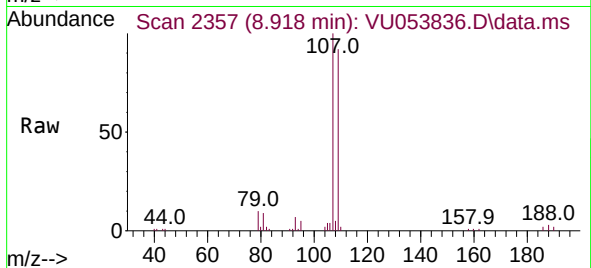
Tgt Ion:107 Resp: 35557

Ion Ratio Lower Upper

107 100

109 91.9 64.3 119.5

188 2.6 2.1 3.1



#51

Chlorobenzene

Concen: 5.474 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

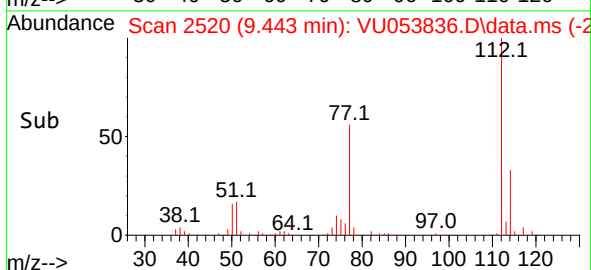
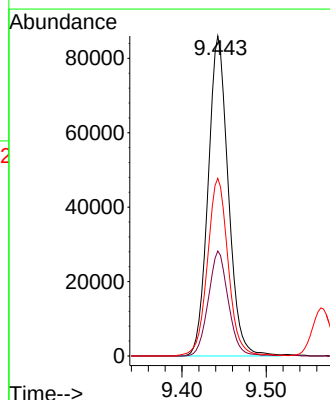
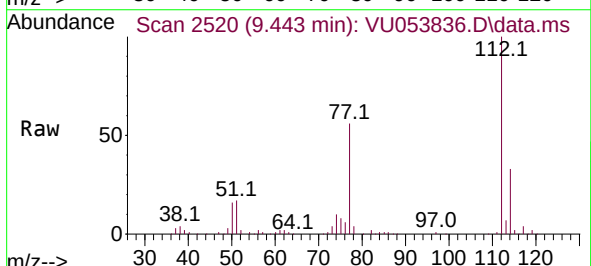
Tgt Ion:112 Resp: 143308

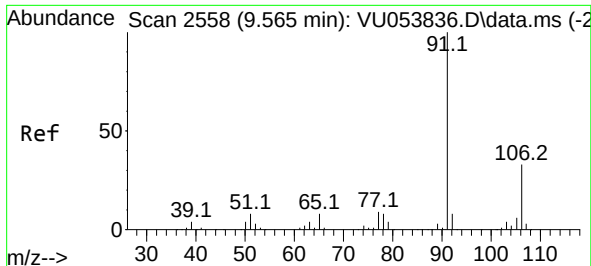
Ion Ratio Lower Upper

112 100

114 32.8 23.0 42.6

77 55.5 44.4 66.6

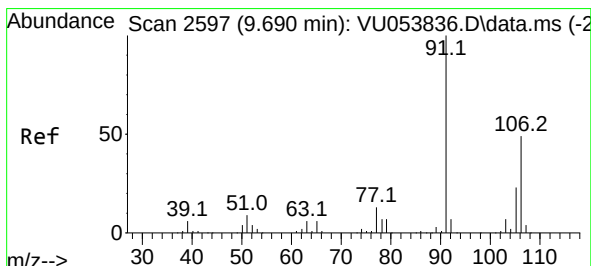
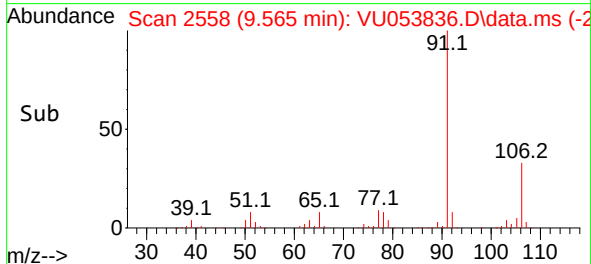
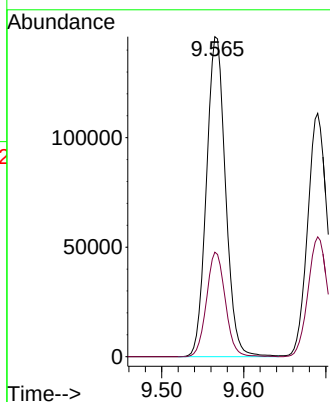
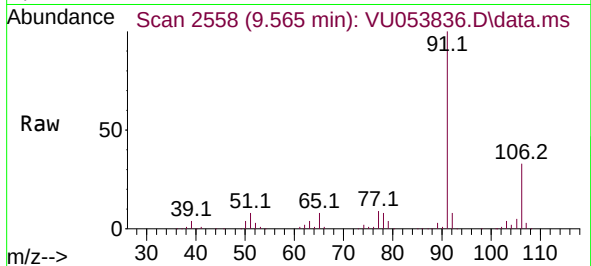




#52
Ethylbenzene
Concen: 5.265 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

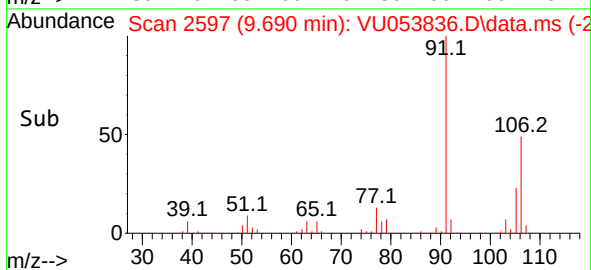
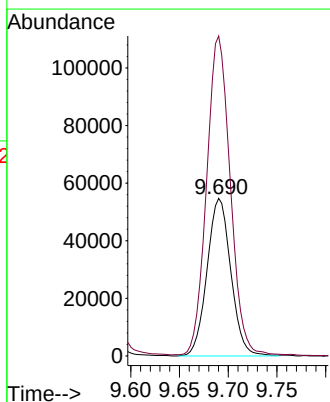
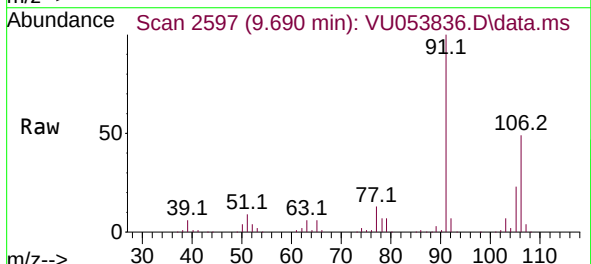
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

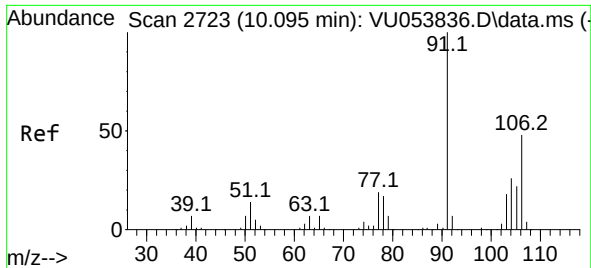
Tgt Ion: 91 Resp: 236553
Ion Ratio Lower Upper
91 100
106 32.6 22.8 42.4



#53
m,p-Xylene
Concen: 5.422 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 106 Resp: 92960
Ion Ratio Lower Upper
106 100
91 203.1 142.2 264.0

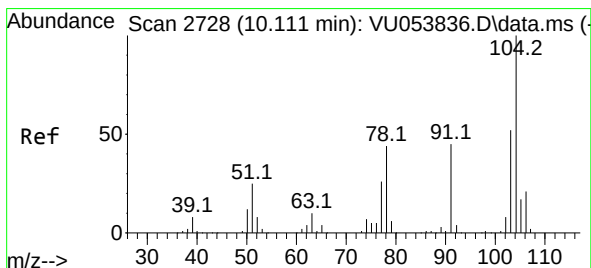
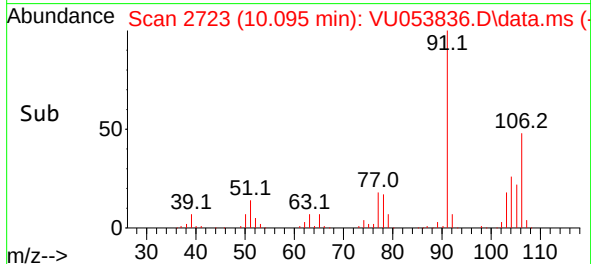
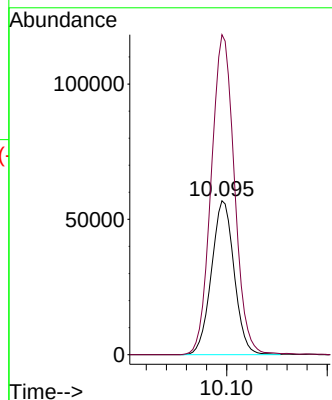
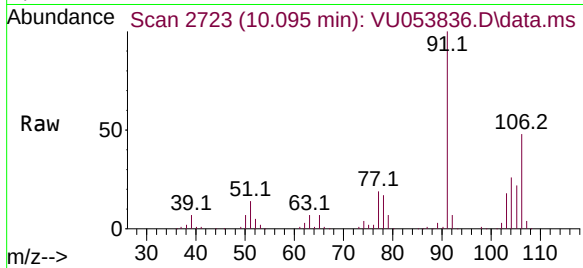




#54
o-Xylene
Concen: 5.466 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

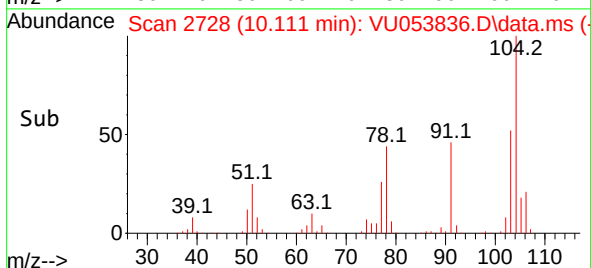
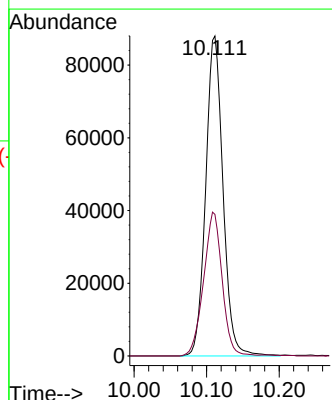
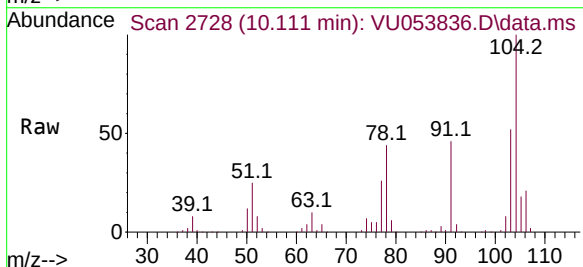
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

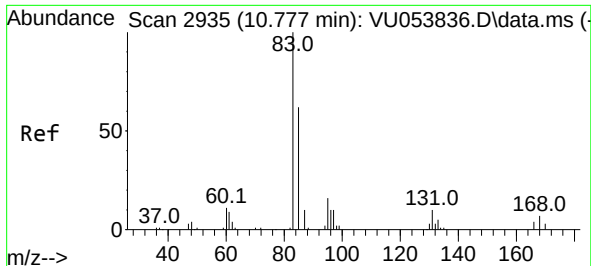
Tgt Ion:106 Resp: 89097
Ion Ratio Lower Upper
106 100
91 207.8 145.5 270.1



#55
Styrene
Concen: 5.439 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion:104 Resp: 146004
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5

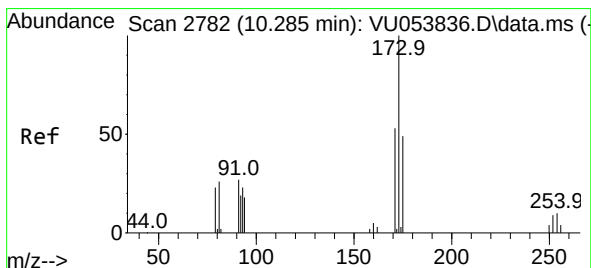
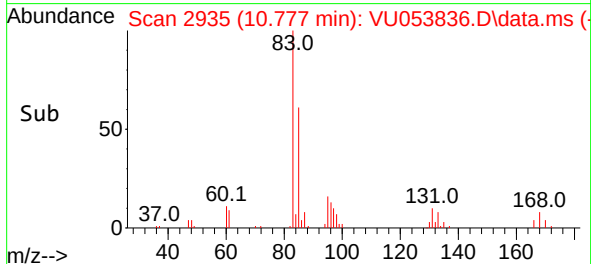
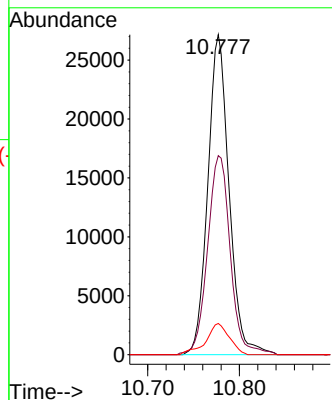
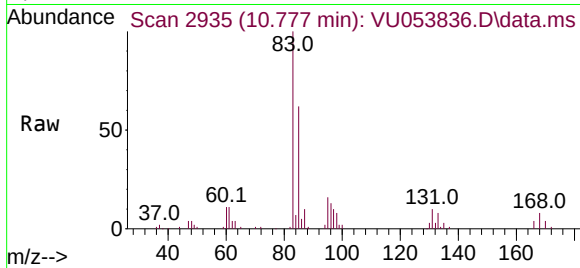




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.981 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

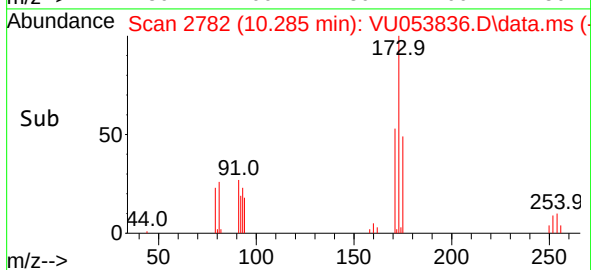
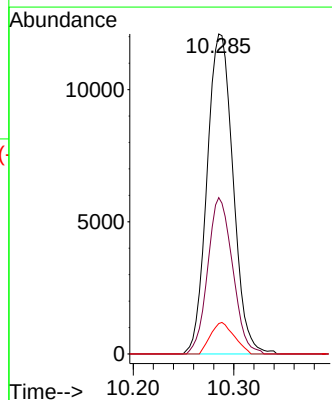
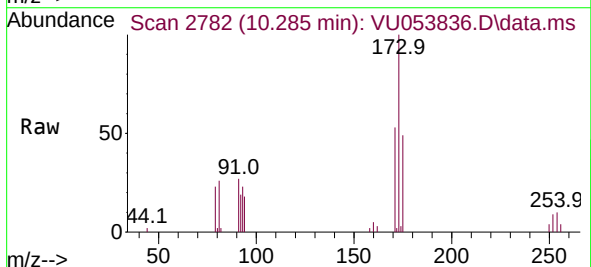
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

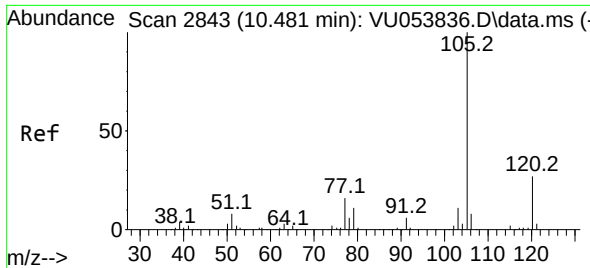
Tgt Ion: 83	Resp:	43673
Ion	Ratio	Lower Upper
83	100	
85	62.2	43.5 80.9
131	9.7	7.8 11.6



#59
 Bromoform
 Concen: 5.376 ug/L
 RT: 10.285 min Scan# 2782
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

Tgt Ion: 173	Resp:	21756
Ion	Ratio	Lower Upper
173	100	
175	46.8	37.4 56.2
254	8.9	7.1 10.7

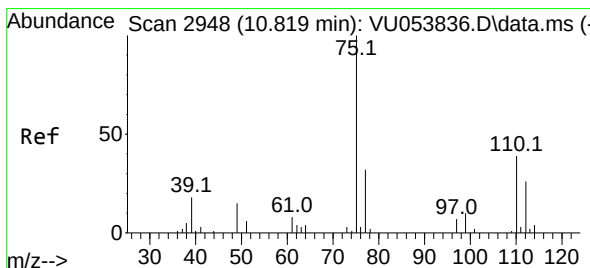
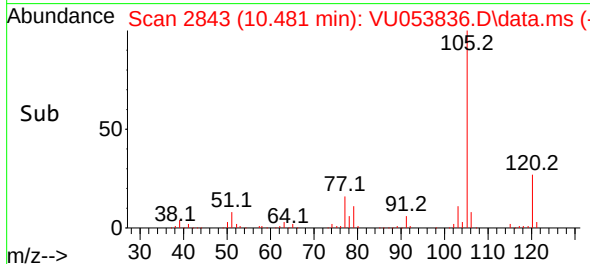
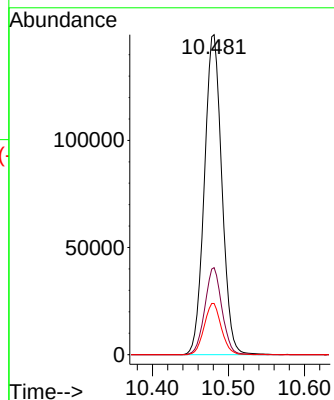
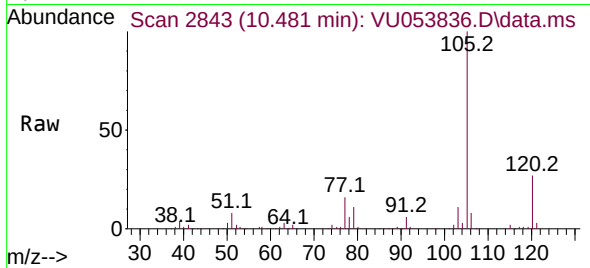




#60
Isopropylbenzene
Concen: 5.112 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

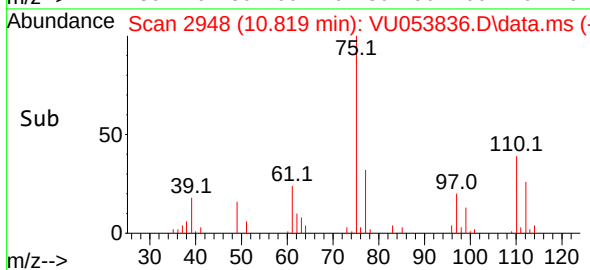
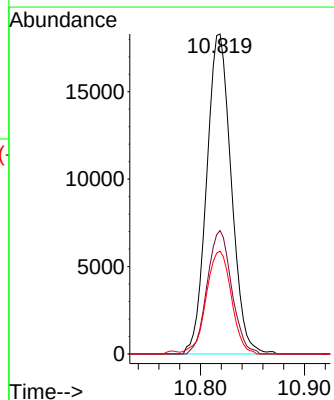
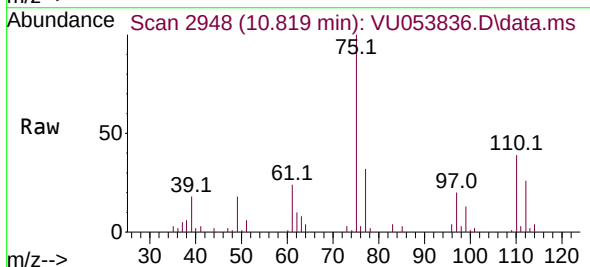
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

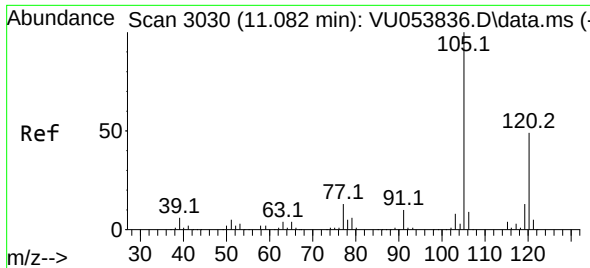
Tgt Ion:105 Resp: 238278
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.823 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion: 75 Resp: 30029
Ion Ratio Lower Upper
75 100
110 38.4 30.7 46.1
77 32.8 26.2 39.4

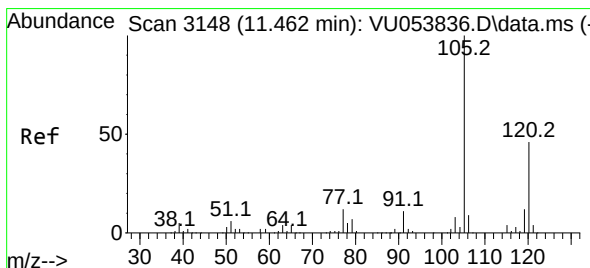
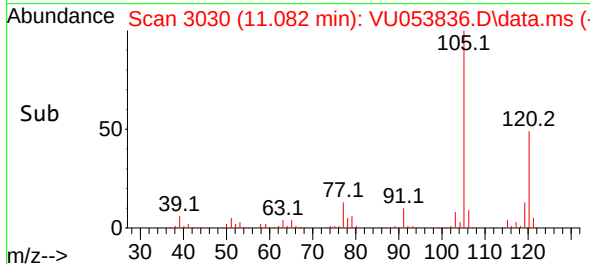
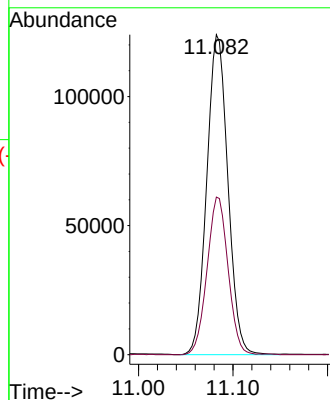
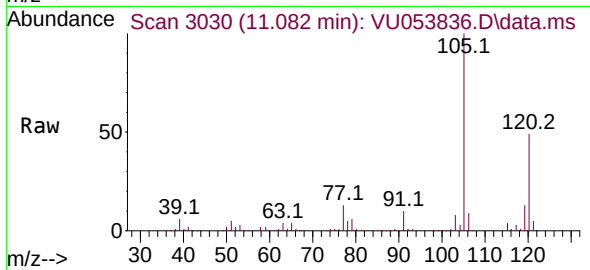




#62
1,3,5-Trimethylbenzene
Concen: 5.106 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

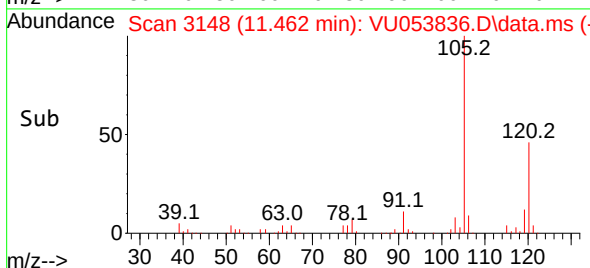
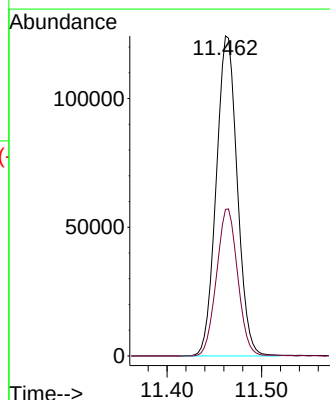
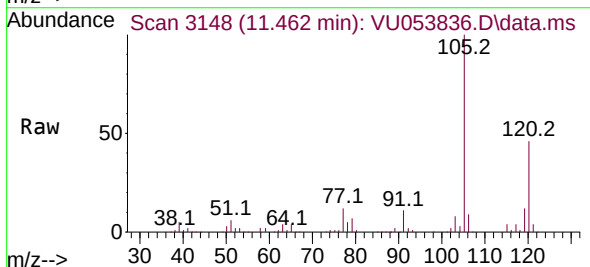
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

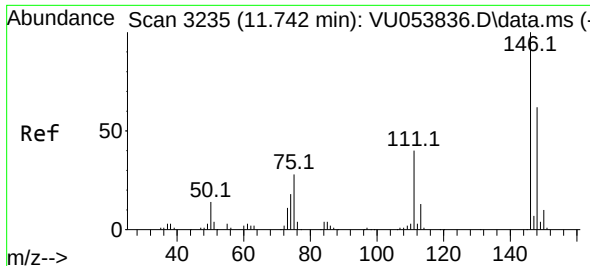
Tgt Ion:105 Resp: 191993
Ion Ratio Lower Upper
105 100
120 49.1 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.004 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion:105 Resp: 192383
Ion Ratio Lower Upper
105 100
120 46.4 37.1 55.7

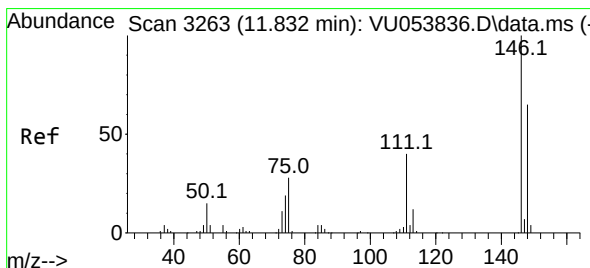
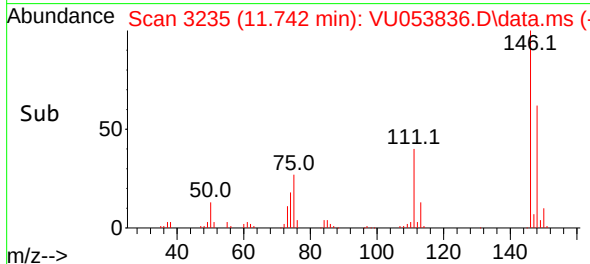
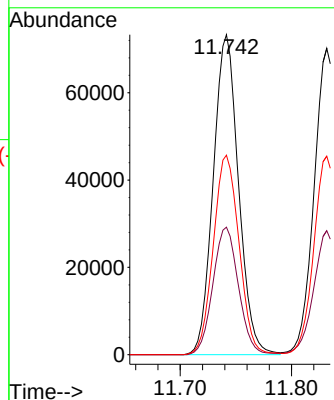
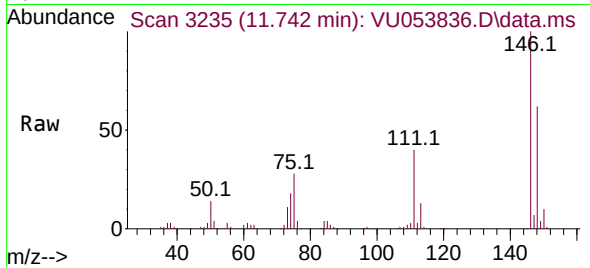




#64
 1,3-Dichlorobenzene
 Concen: 5.518 ug/L
 RT: 11.742 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

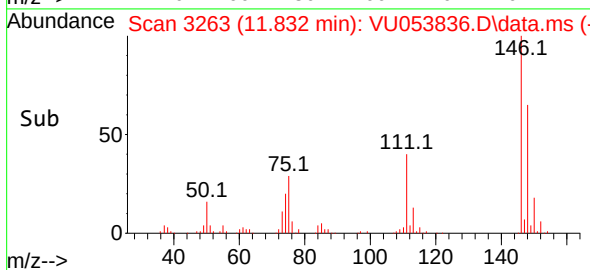
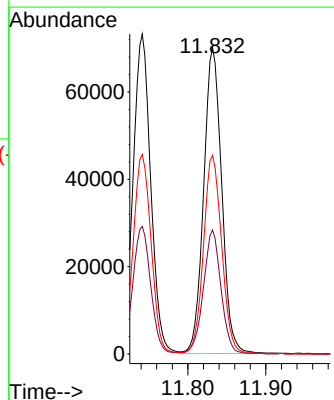
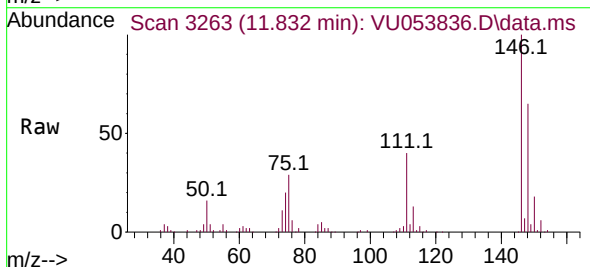
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

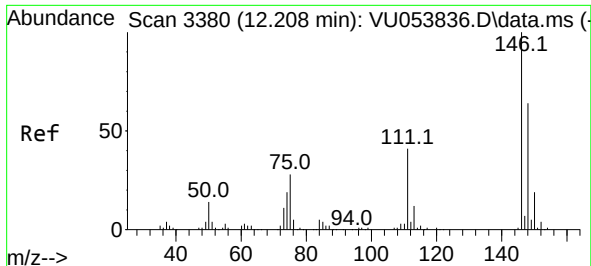
Tgt Ion:146 Resp: 115508
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.9 51.9
 148 62.4 43.7 81.1



#65
 1,4-Dichlorobenzene
 Concen: 5.379 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

Tgt Ion:146 Resp: 112768
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.3 52.7
 148 64.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 5.246 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

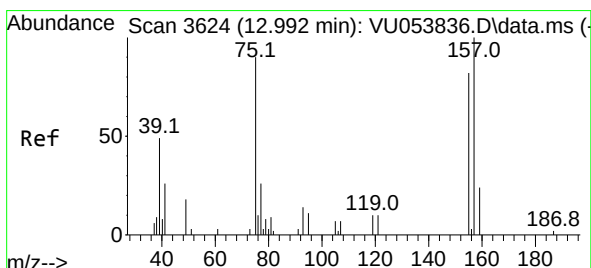
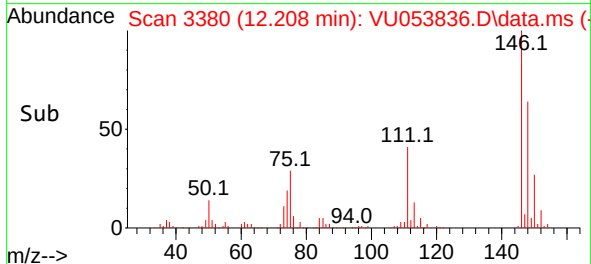
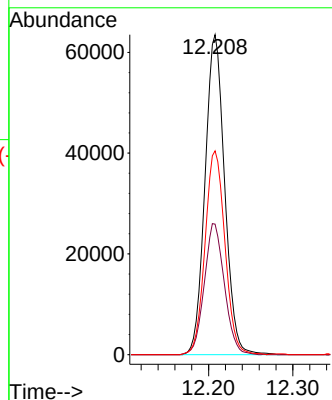
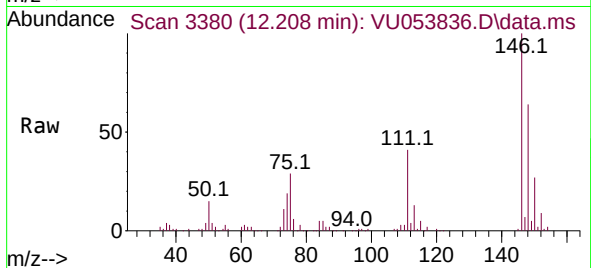
Tgt Ion:146 Resp: 103009

Ion Ratio Lower Upper

146 100

111 40.8 32.6 49.0

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.273 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU053836.D

Acq: 24 Apr 2023 11:51

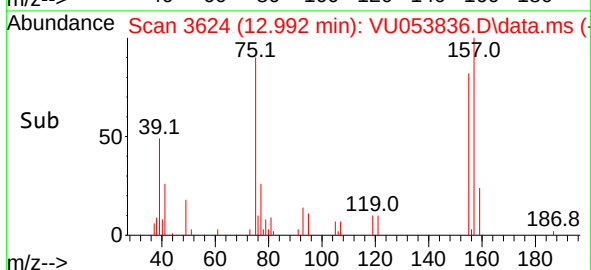
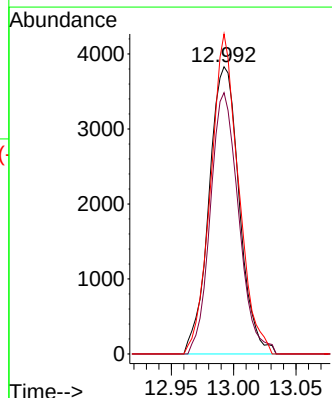
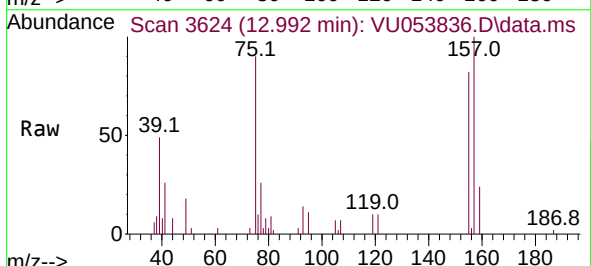
Tgt Ion: 75 Resp: 6459

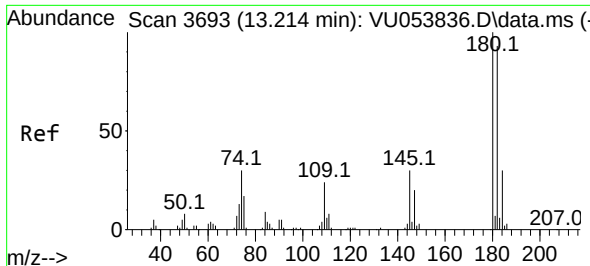
Ion Ratio Lower Upper

75 100

155 91.0 72.8 109.2

157 111.4 89.1 133.7

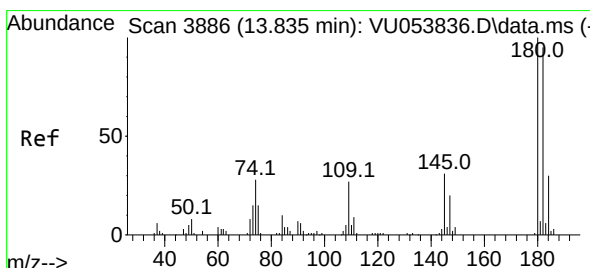
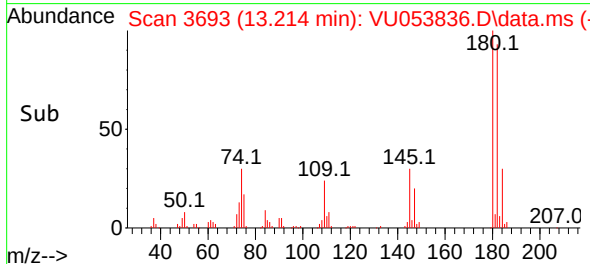
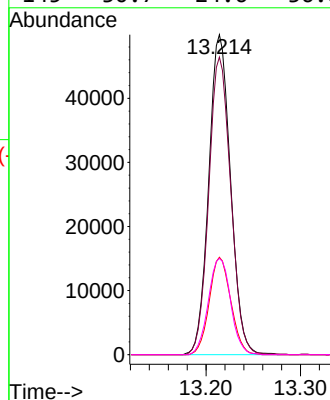
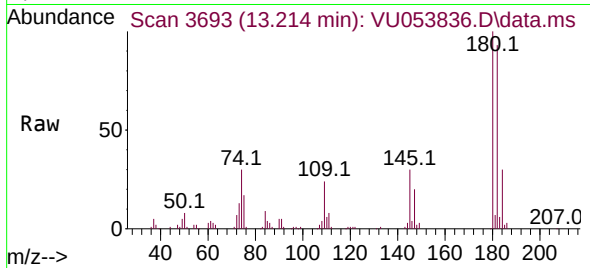




#69
 1,3,5-Trichlorobenzene
 Concen: 5.446 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

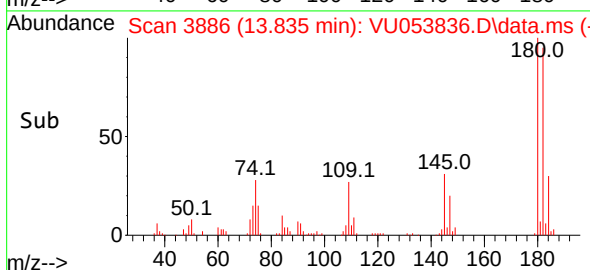
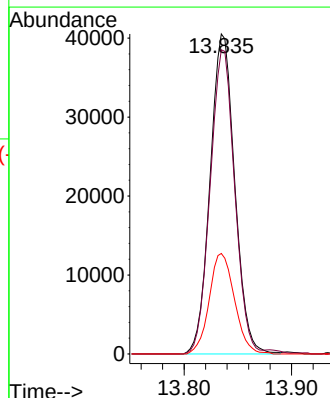
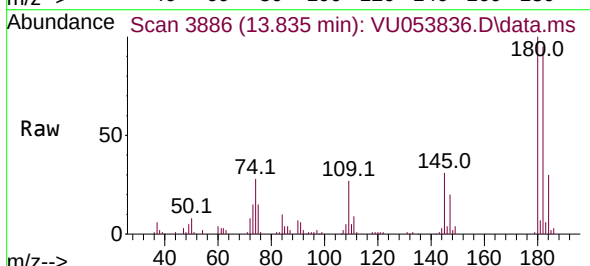
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

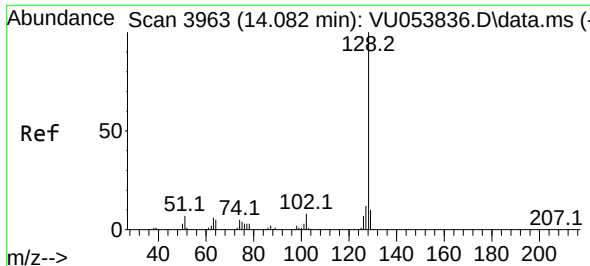
Tgt Ion:180	Resp:	79885
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.1 112.7
184	30.2	24.2 36.2
145	30.7	24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.547 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU053836.D
 Acq: 24 Apr 2023 11:51

Tgt Ion:180	Resp:	64512
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.5 113.3
145	32.2	25.8 38.6

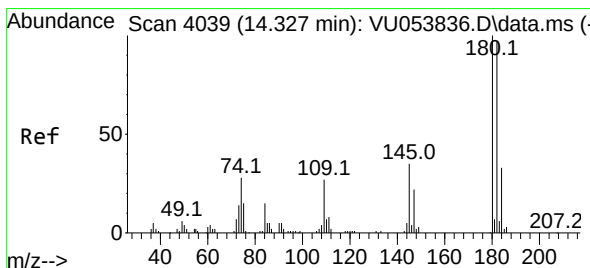
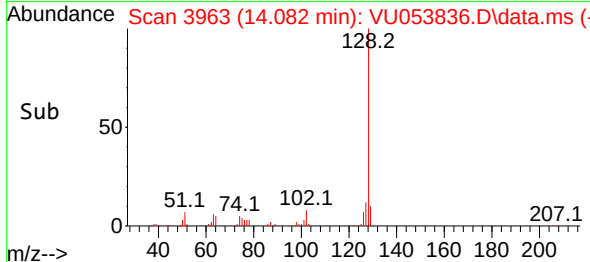
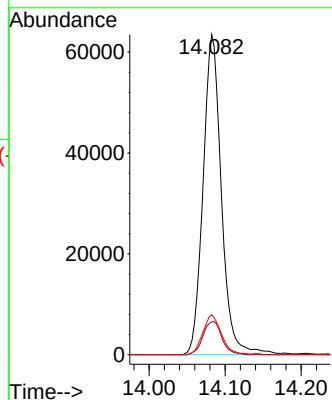
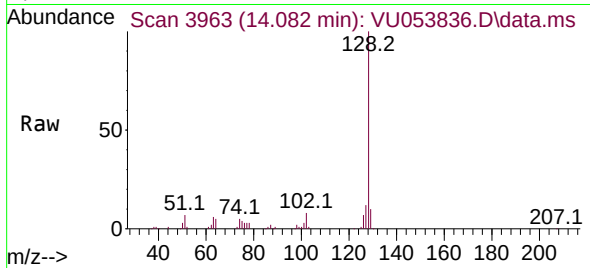




#71
Naphthalene
Concen: 4.960 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

Tgt Ion:128 Resp: 106228
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.6 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.466 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU053836.D
Acq: 24 Apr 2023 11:51

Tgt Ion:180 Resp: 55502
Ion Ratio Lower Upper
180 100
182 96.8 77.4 116.2
145 33.5 26.8 40.2

