

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050057.D
 Acq On : 04 Aug 2022 10:34
 Operator : SY/MD
 Sample : VSTD0.550
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Quant Time: Aug 05 04:28:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:27:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	37900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	4291	0.552	ug/L	0.00
7) Chloroethane-d5	1.912	69	3541	0.564	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	1824	0.600	ug/L	0.00
20) 2-Butanone-d5	4.652	46	9086	4.792	ug/L	0.00
24) Chloroform-d	5.063	84	8021	0.555	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	4693	0.632	ug/L	0.00
32) Benzene-d6	5.726	84	15465	0.543	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	5305	0.566	ug/L	0.00
41) Toluene-d8	7.899	98	13286	0.529	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	1638	0.488	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	5257	4.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4494	0.546	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	4398	0.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5033	0.588	ug/L	96
3) Chloromethane	1.520	50	6803	0.607	ug/L	99
5) Vinyl chloride	1.601	62	5667	0.565	ug/L	100
6) Bromomethane	1.858	94	3782	0.590	ug/L	88
8) Chloroethane	1.932	64	3506	0.593	ug/L	94
9) Trichlorofluoromethane	2.138	101	6542	0.595	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3885	0.635	ug/L	91
12) 1,1-Dichloroethene	2.575	96	3950	0.612	ug/L	85
13) Acetone	2.655	43	5900	5.587	ug/L	95
14) Carbon disulfide	2.790	76	13499	0.585	ug/L	99
15) Methyl Acetate	2.961	43	1537	0.533	ug/L #	80
16) Methylene chloride	3.044	84	7196	0.729	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	8568	0.508	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	3888	0.538	ug/L	98
19) 1,1-Dichloroethane	3.867	63	7513	0.549	ug/L	94
21) 2-Butanone	4.732	43	8791	4.629	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	4130	0.515	ug/L	92
23) Bromochloromethane	4.977	128	2081	0.542	ug/L	85
27) 1,2-Dichloroethane	5.797	62	4995	0.562	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	6090	0.544	ug/L	99
30) Cyclohexane	5.382	56	5208	0.534	ug/L	98
31) Carbon tetrachloride	5.523	117	5024	0.548	ug/L	99
33) Benzene	5.774	78	16794	0.526	ug/L	100
34) Trichloroethene	6.542	95	4222	0.546	ug/L	96
35) Methylcyclohexane	6.764	83	5254	0.527	ug/L	97
37) 1,2-Dichloropropane	6.793	63	4645	0.546	ug/L #	97
38) Bromodichloromethane	7.112	83	5588	0.540	ug/L	93
39) cis-1,3-Dichloropropene	7.610	75	5677	0.511	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	24969	5.065	ug/L	98
42) Toluene	7.970	91	15596	0.487	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	4992	0.524	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	3575	0.562	ug/L	91

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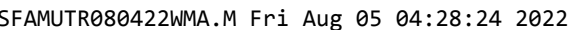
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

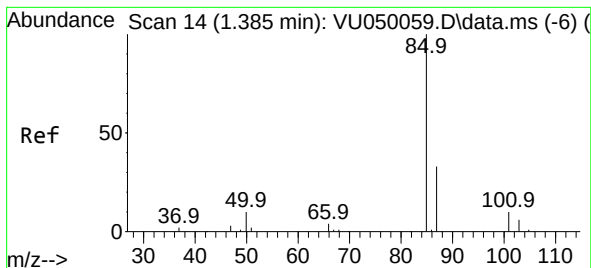
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.552	164	3018	0.545	ug/L	97
48) 2-Hexanone	8.690	43	19006	4.985	ug/L	98
49) Dibromochloromethane	8.813	129	3760	0.534	ug/L	98
50) 1,2-Dibromoethane	8.928	107	2972	0.515	ug/L #	96
51) Chlorobenzene	9.449	112	10677	0.530	ug/L	97
52) Ethylbenzene	9.571	91	15435	0.494	ug/L	94
53) m,p-Xylene	9.697	106	5098	0.443	ug/L	84
54) o-Xylene	10.102	106	5161	0.449	ug/L	98
55) Styrene	10.118	104	8169	0.425	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	4465	0.534	ug/L #	97
59) Bromoform	10.295	173	2320	0.610	ug/L #	88
60) Isopropylbenzene	10.484	105	12453	0.492	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	3099	0.600	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	3757	0.525	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	9164	0.470	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	7481	0.586	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	7109	0.573	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	6767	0.548	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	483	0.477	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	5185	0.571	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	3634	0.528	ug/L	89
71) Naphthalene	14.089	128	8159	0.578	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	3765	0.539	ug/L	96

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

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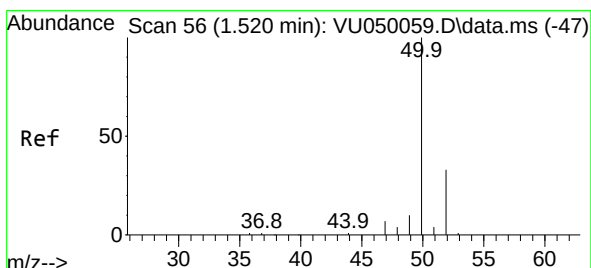
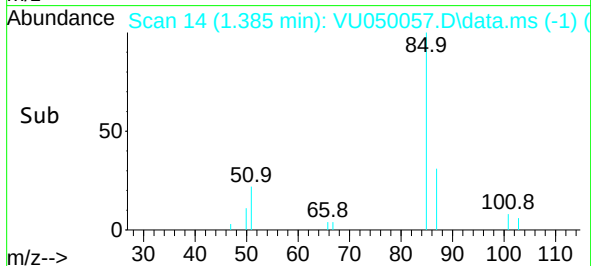
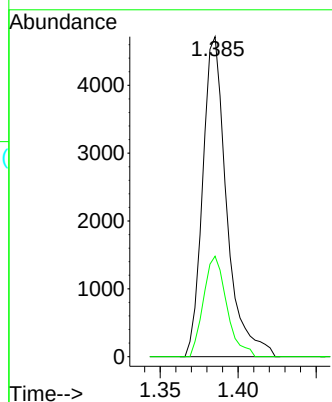
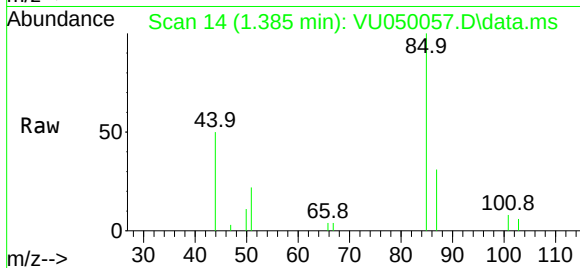




#2
Dichlorodifluoromethane
Concen: 0.588 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
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Acq: 04 Aug 2022 10:34

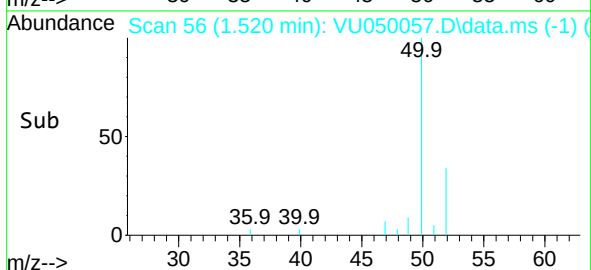
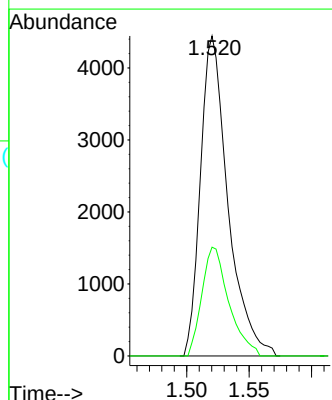
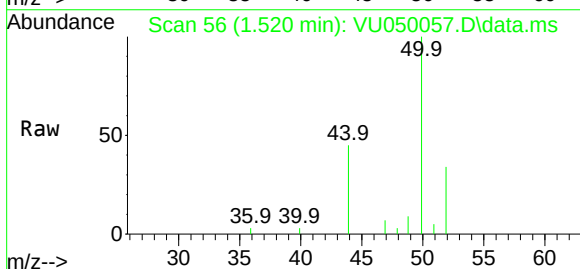
Instrument :
MSVOA_U
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VSTD0.5050

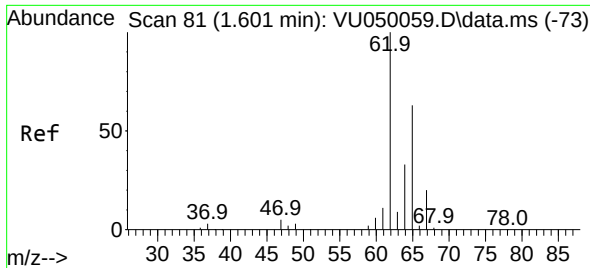
Tgt Ion: 85 Resp: 5033
Ion Ratio Lower Upper
85 100
87 30.4 26.2 39.4



#3
Chloromethane
Concen: 0.607 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 50 Resp: 6803
Ion Ratio Lower Upper
50 100
52 34.0 23.2 43.2

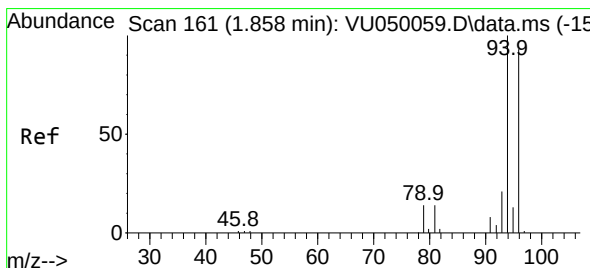
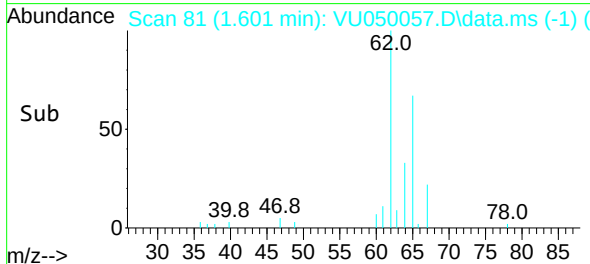
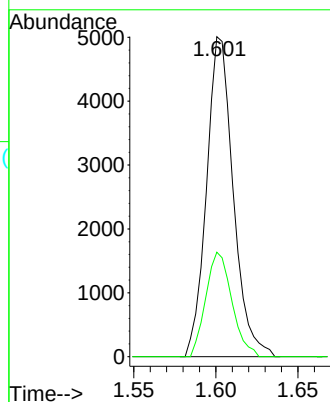
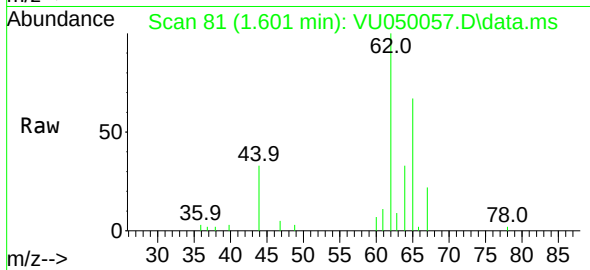




#5
 Vinyl chloride
 Concen: 0.565 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050057.D
 Acq: 04 Aug 2022 10:34

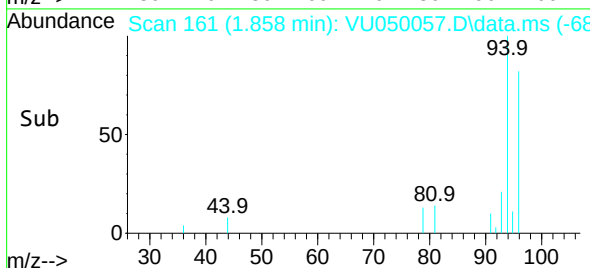
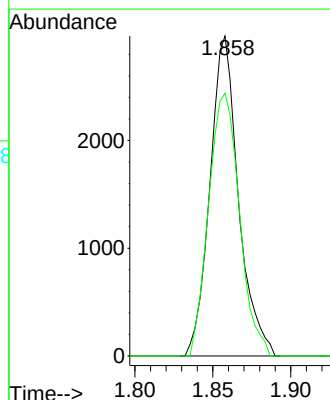
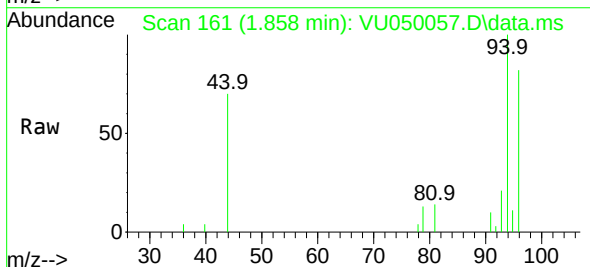
Instrument :
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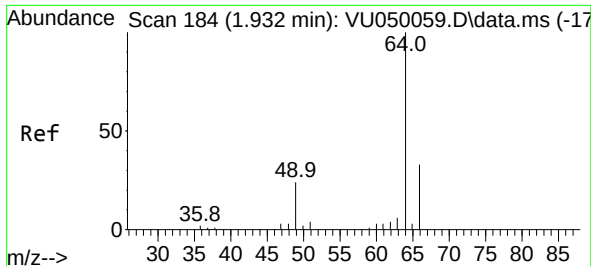
Tgt Ion: 62 Resp: 5667
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 0.590 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU050057.D
 Acq: 04 Aug 2022 10:34

Tgt Ion: 94 Resp: 3782
 Ion Ratio Lower Upper
 94 100
 96 82.1 65.3 121.3

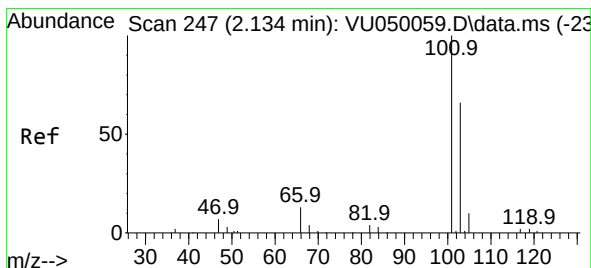
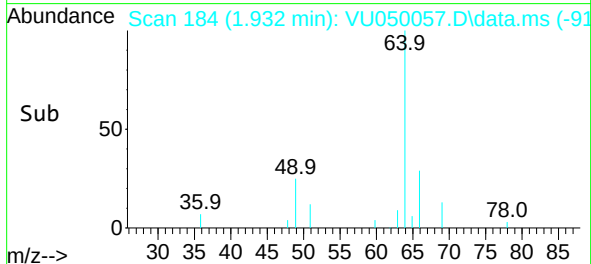
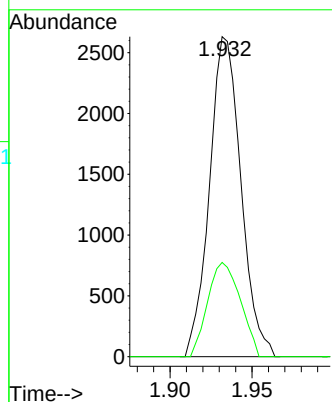
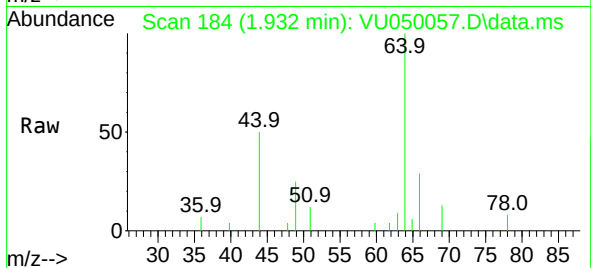




#8
Chloroethane
Concen: 0.593 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

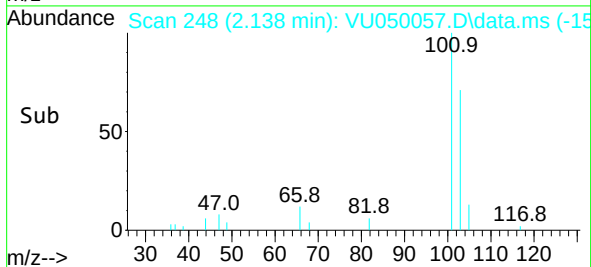
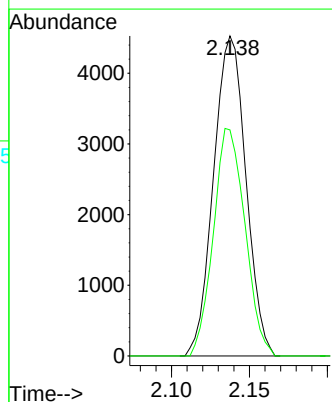
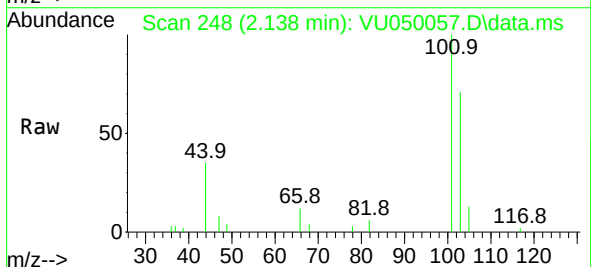
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ClientSampleId :
VSTD0.5050

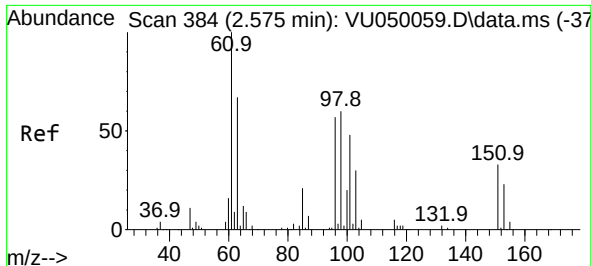
Tgt Ion: 64 Resp: 3506
Ion Ratio Lower Upper
64 100
66 29.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 0.595 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 101 Resp: 6542
Ion Ratio Lower Upper
101 100
103 69.4 52.6 78.8





#10

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

Concen: 0.635 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

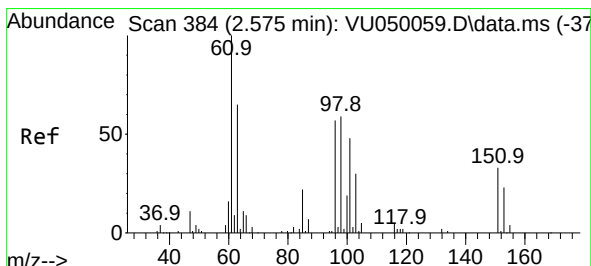
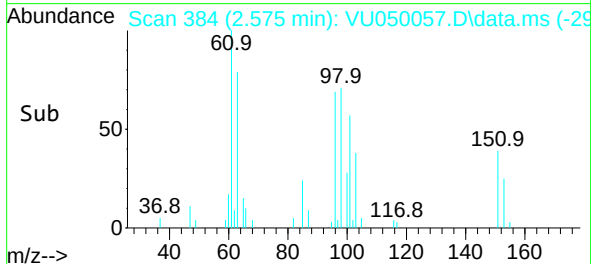
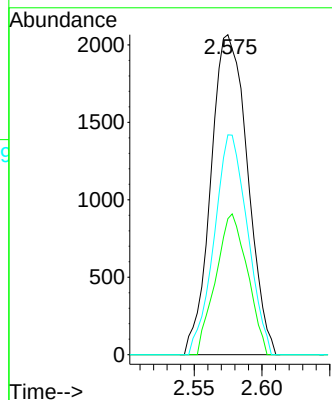
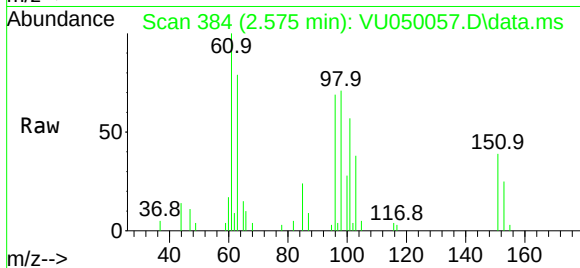
Tgt Ion:101 Resp: 3885

Ion Ratio Lower Upper

101 100

85 37.9 35.6 53.4

151 62.5 55.2 82.8



#12

1,1-Dichloroethene

Concen: 0.612 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

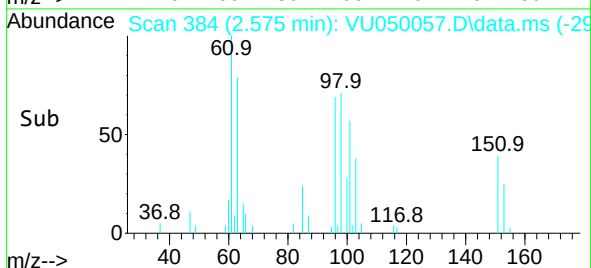
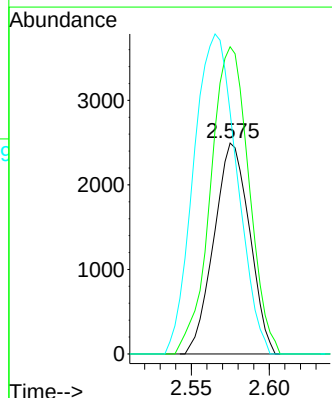
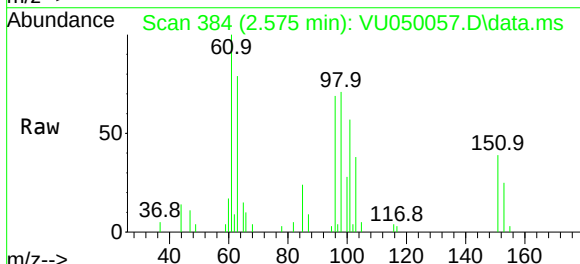
Tgt Ion: 96 Resp: 3950

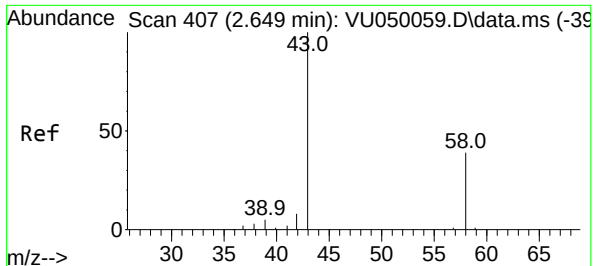
Ion Ratio Lower Upper

96 100

61 145.7 122.7 227.9

63 114.7 85.1 158.1





#13

Acetone

Concen: 5.587 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.006 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

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MSVOA_U

ClientSampleId :

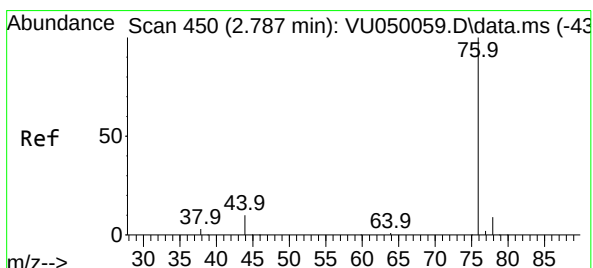
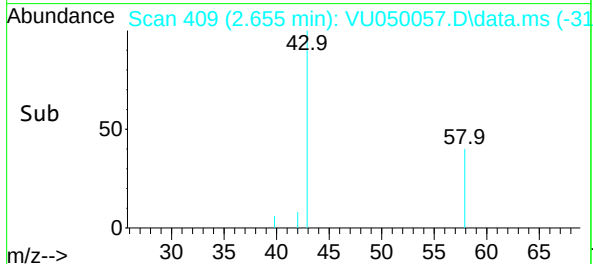
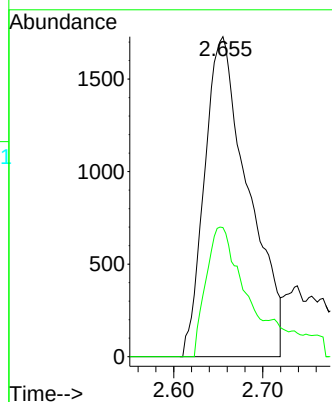
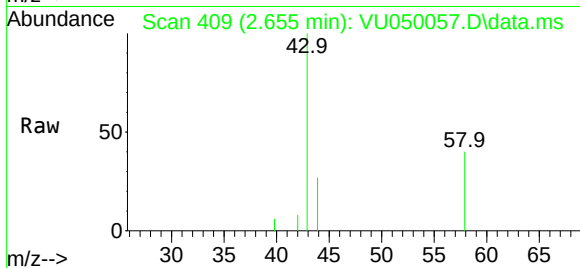
VSTD0.5050

Tgt Ion: 43 Resp: 5900

Ion Ratio Lower Upper

43 100

58 35.0 0.0 64.0



#14

Carbon disulfide

Concen: 0.585 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050057.D

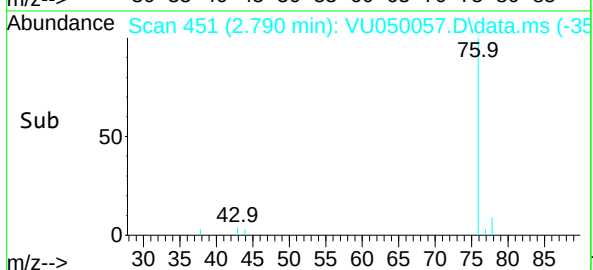
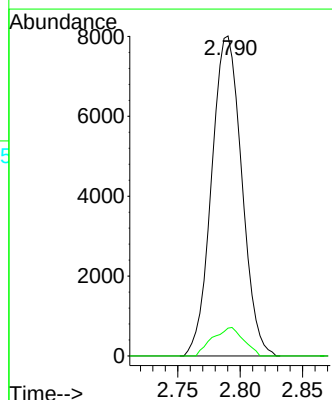
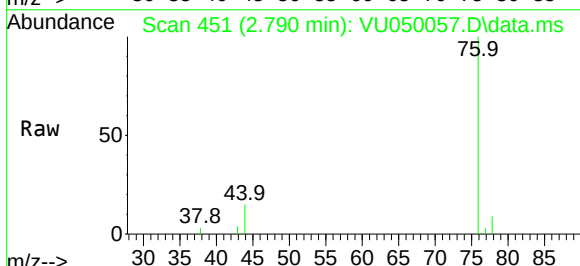
Acq: 04 Aug 2022 10:34

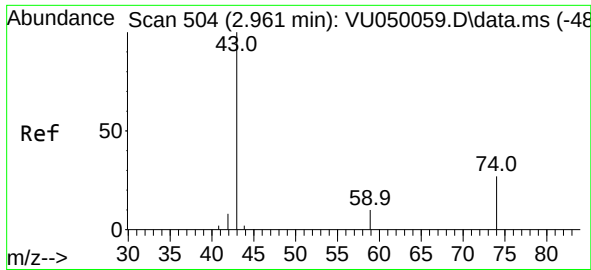
Tgt Ion: 76 Resp: 13499

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

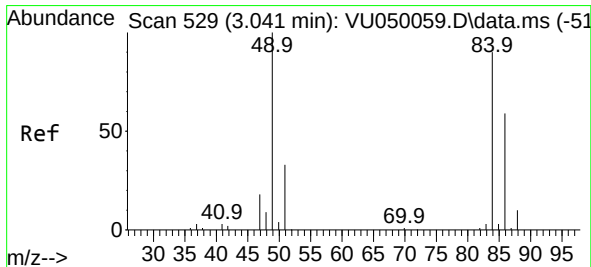
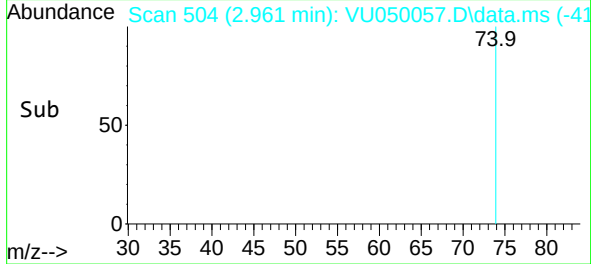
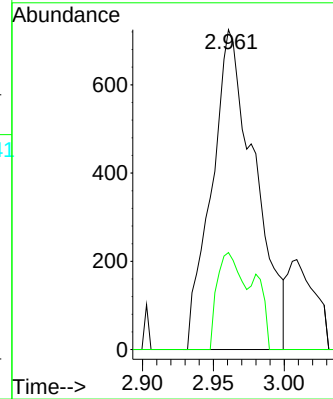
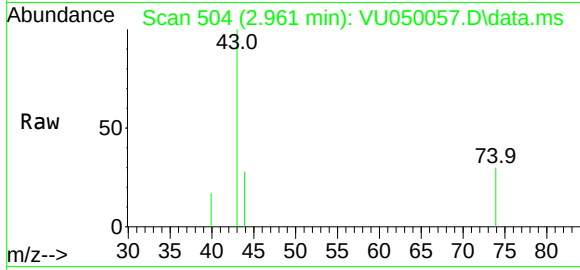




#15
Methyl Acetate
Concen: 0.533 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

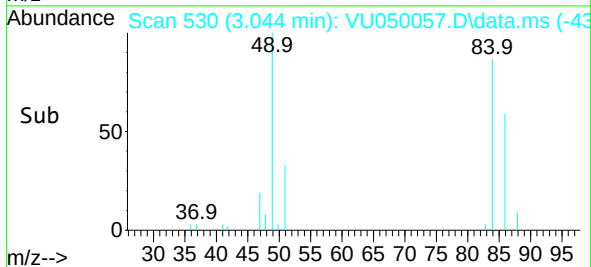
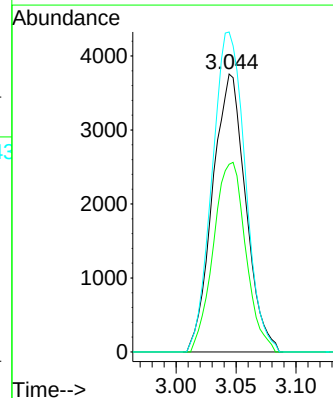
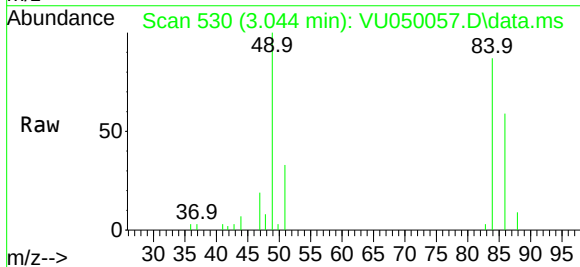
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MSVOA_U
ClientSampleId :
VSTD0.5050

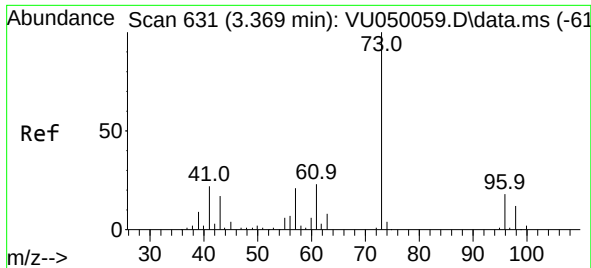
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
74 17.6 22.7 34.1#



#16
Methylene chloride
Concen: 0.729 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 84 Resp: 7196
Ion Ratio Lower Upper
84 100
86 67.5 45.9 85.3
49 118.7 77.6 144.0

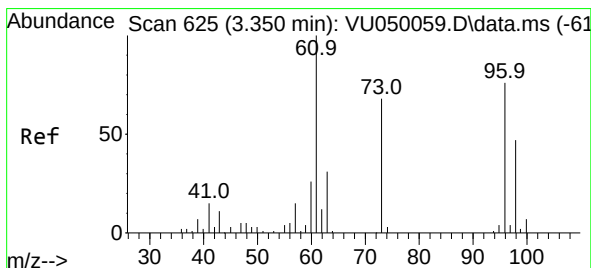
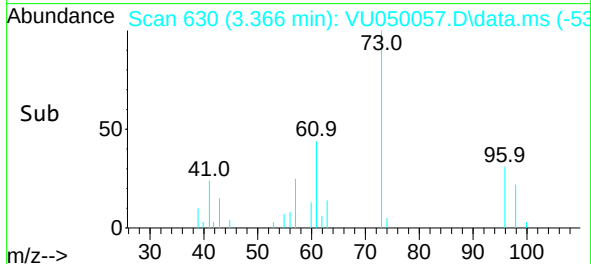
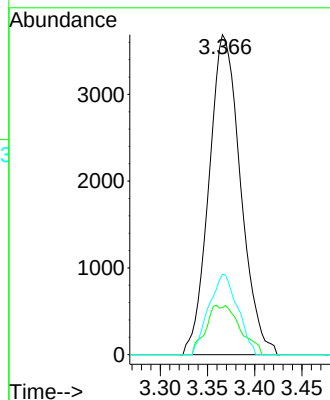
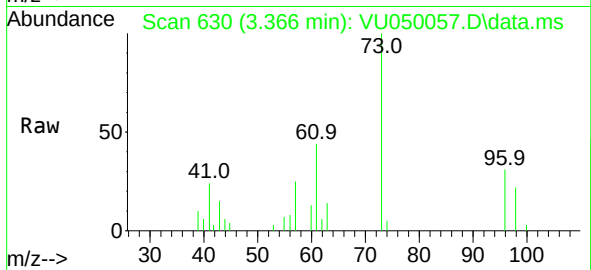




#17
Methyl tert-butyl Ether
Concen: 0.508 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

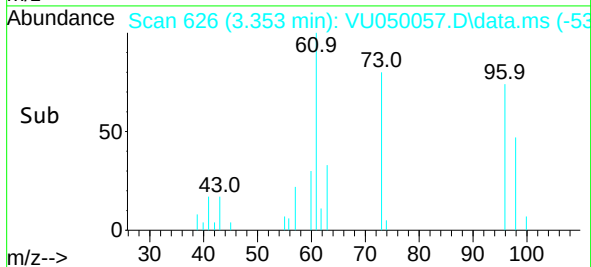
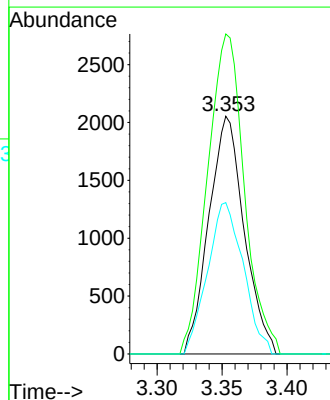
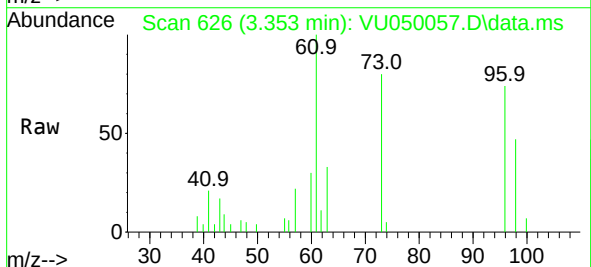
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

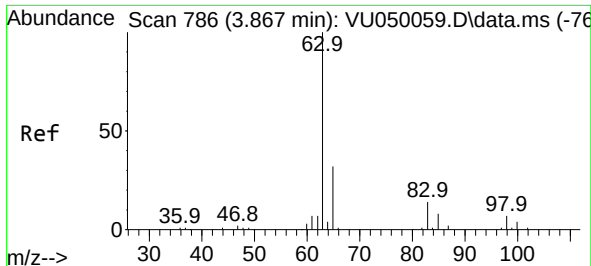
Tgt Ion: 73	Resp: 8568
Ion Ratio	Lower Upper
73 100	
43 16.6	13.5 20.3
57 22.9	17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.538 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 96	Resp: 3888		
Ion Ratio	Lower	Upper	
96 100			
61 134.6	92.3	171.5	
98 63.7	43.2	80.2	





#19

1,1-Dichloroethane

Concen: 0.549 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

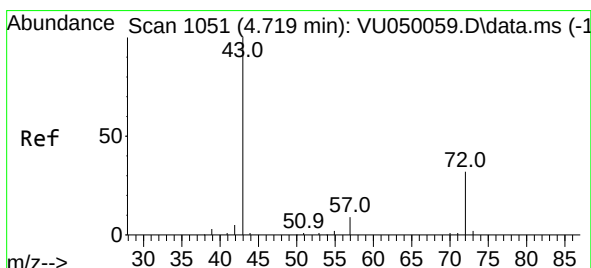
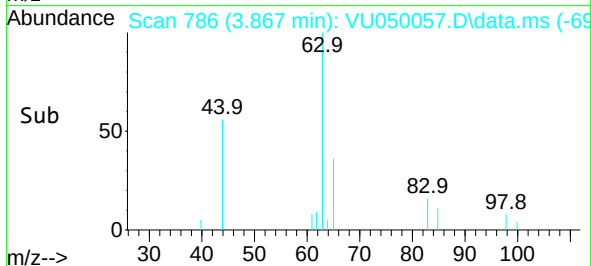
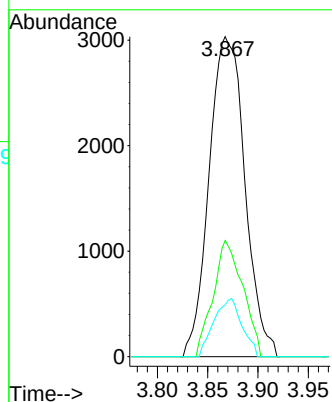
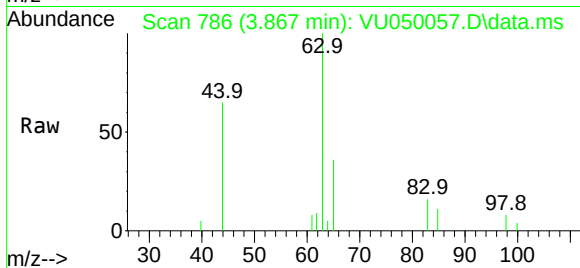
Tgt Ion: 63 Resp: 7513

Ion Ratio Lower Upper

63 100

65 36.3 22.7 42.3

83 16.2 9.8 18.2



#21

2-Butanone

Concen: 4.629 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.013 min

Lab File: VU050057.D

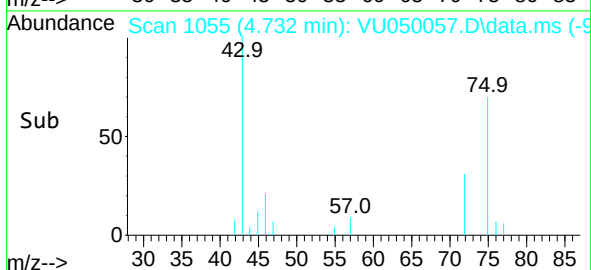
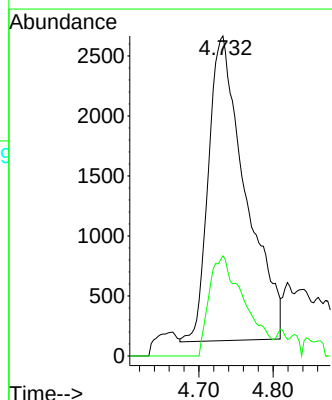
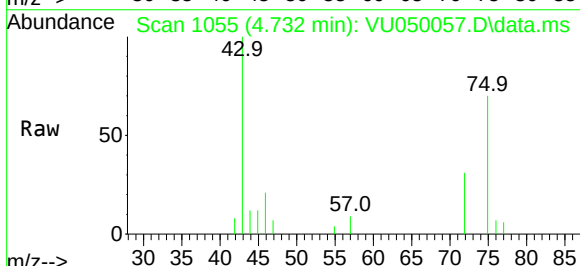
Acq: 04 Aug 2022 10:34

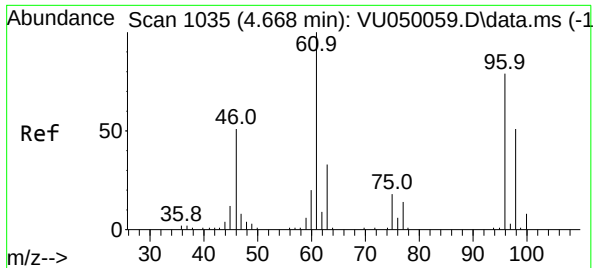
Tgt Ion: 43 Resp: 8791

Ion Ratio Lower Upper

43 100

72 31.6 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 0.515 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

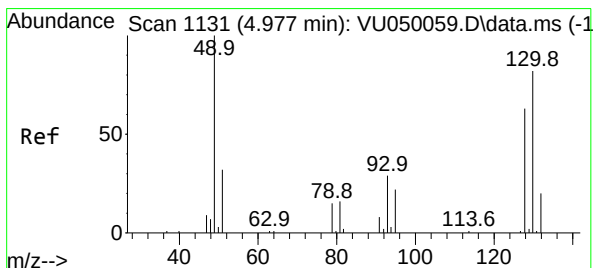
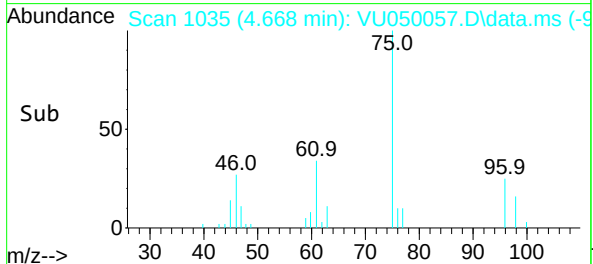
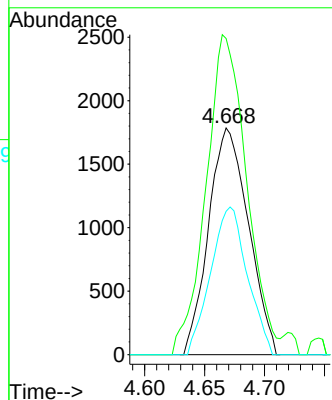
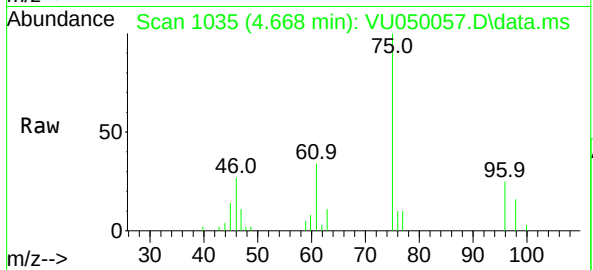
Tgt Ion: 96 Resp: 4130

Ion Ratio Lower Upper

96 100

61 139.5 89.0 165.4

98 63.2 45.2 84.0



#23

Bromochloromethane

Concen: 0.542 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Tgt Ion: 128 Resp: 2081

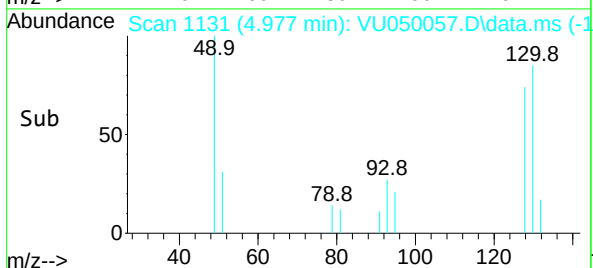
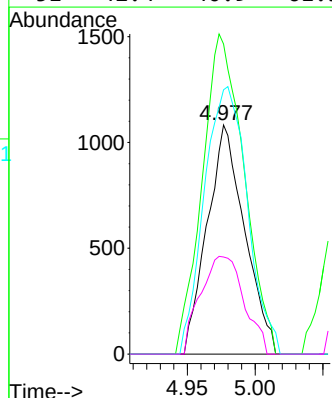
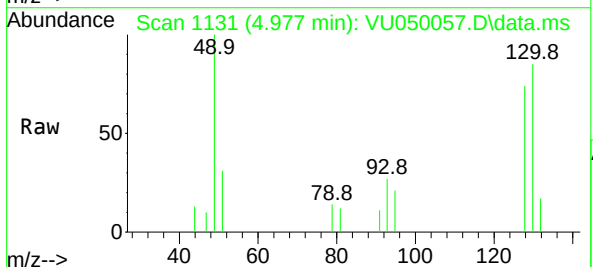
Ion Ratio Lower Upper

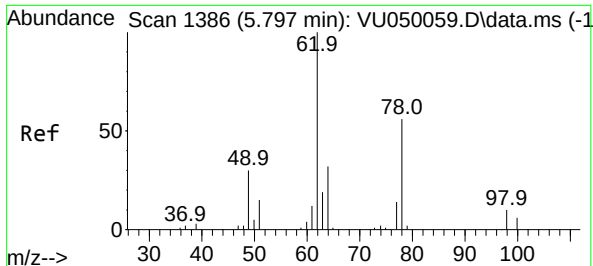
128 100

49 135.3 111.4 206.8

130 115.3 90.2 167.4

51 42.4 40.9 61.3





#27

1,2-Dichloroethane

Concen: 0.562 ug/L

RT: 5.797 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

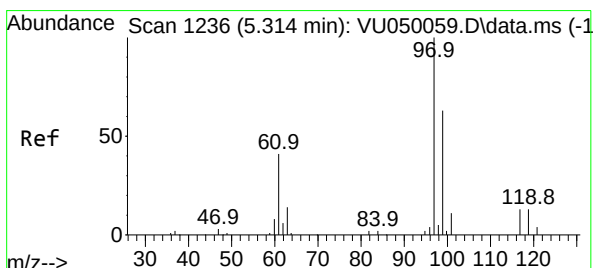
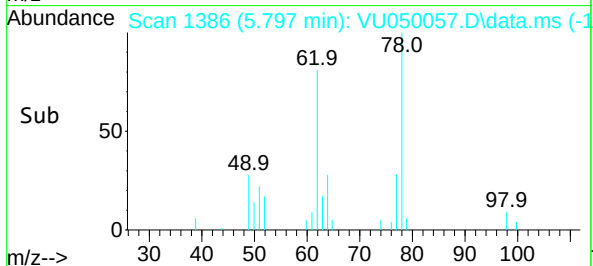
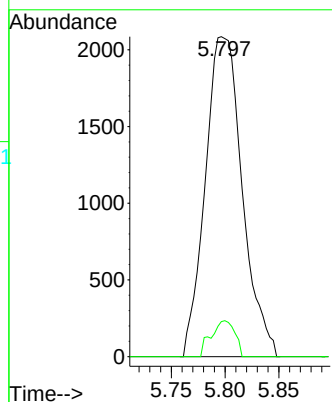
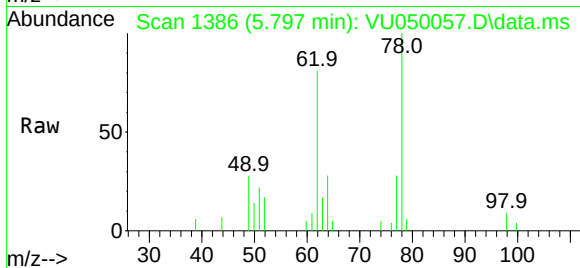
VSTD0.5050

Tgt Ion: 62 Resp: 4995

Ion Ratio Lower Upper

62 100

98 10.9 7.8 11.8



#29

1,1,1-Trichloroethane

Concen: 0.544 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

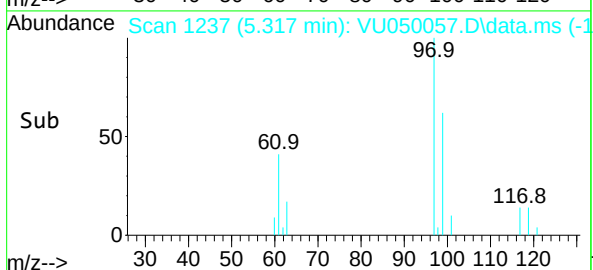
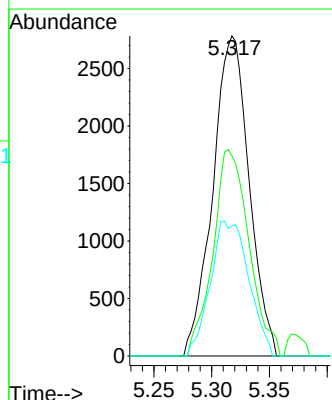
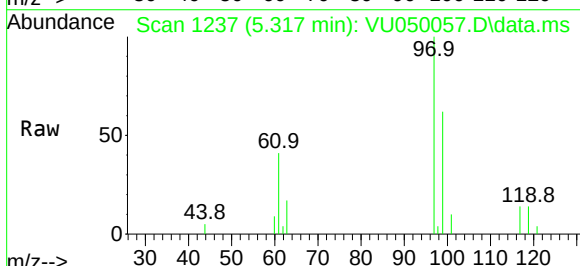
Tgt Ion: 97 Resp: 6090

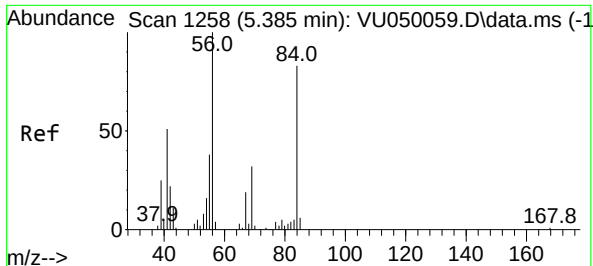
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 44.5 34.2 51.4





#30

Cyclohexane

Concen: 0.534 ug/L

RT: 5.382 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

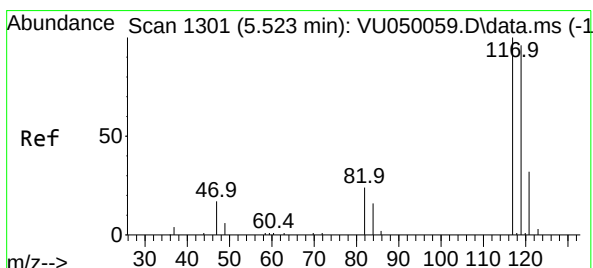
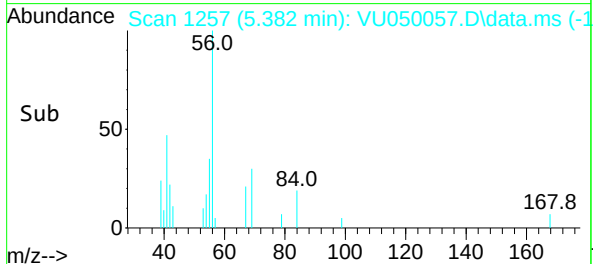
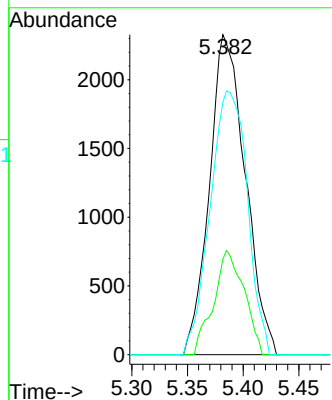
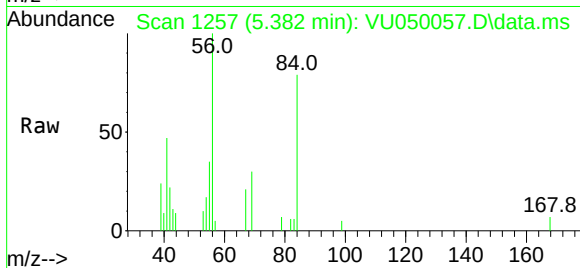
Tgt Ion: 56 Resp: 5208

Ion Ratio Lower Upper

56 100

69 27.6 24.6 37.0

84 85.6 69.1 103.7



#31

Carbon tetrachloride

Concen: 0.548 ug/L

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU050057.D

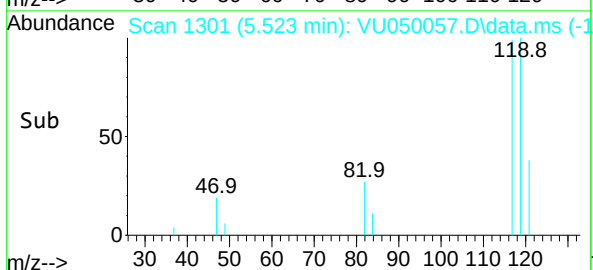
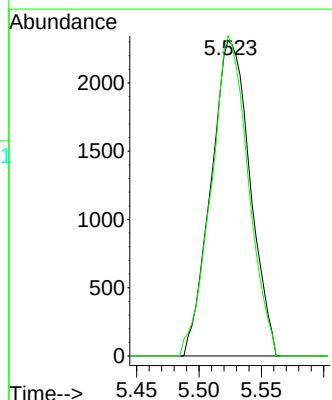
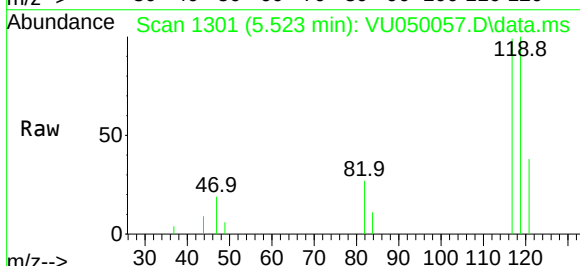
Acq: 04 Aug 2022 10:34

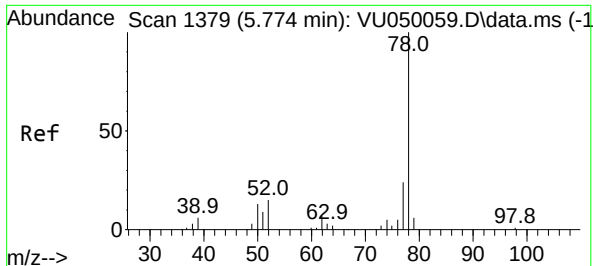
Tgt Ion: 117 Resp: 5024

Ion Ratio Lower Upper

117 100

119 96.4 76.0 114.0





#33

Benzene

Concen: 0.526 ug/L

RT: 5.774 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

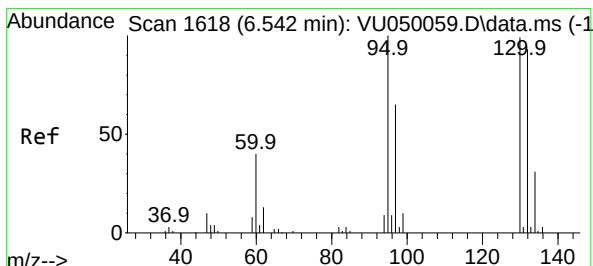
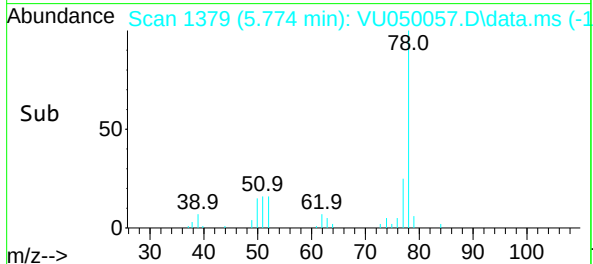
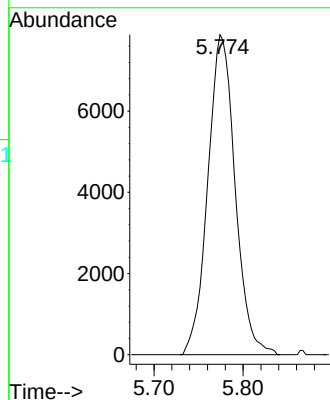
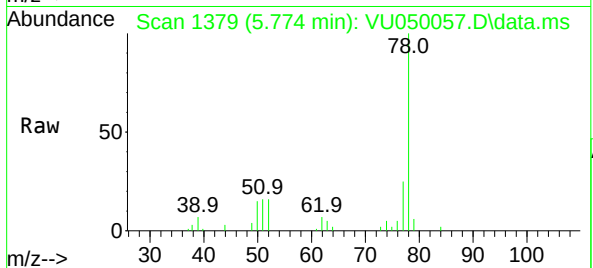
Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

Tgt Ion: 78 Resp: 16794



#34

Trichloroethene

Concen: 0.546 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Tgt Ion: 95 Resp: 4222

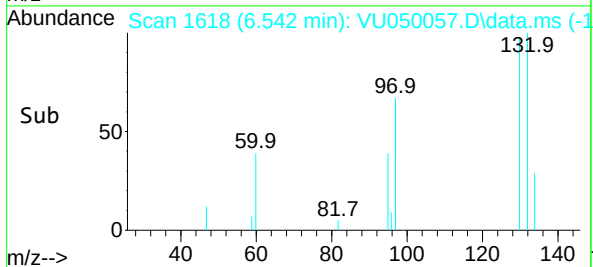
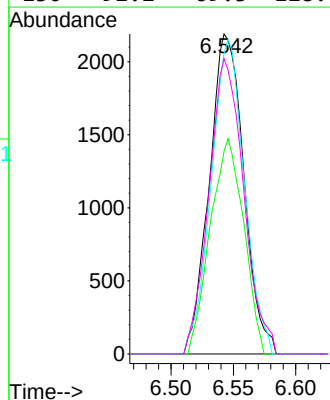
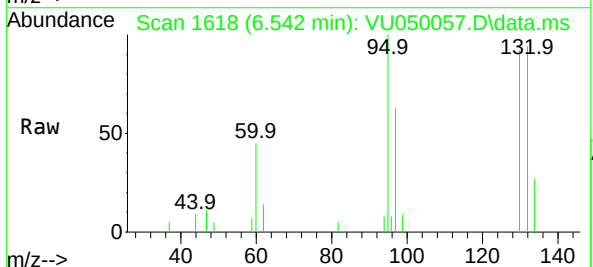
Ion Ratio Lower Upper

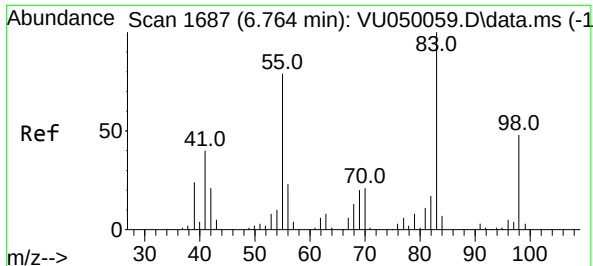
95 100

97 63.3 45.6 84.8

132 93.9 65.0 120.6

130 92.2 69.3 128.7





#35

Methylcyclohexane

Concen: 0.527 ug/L

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

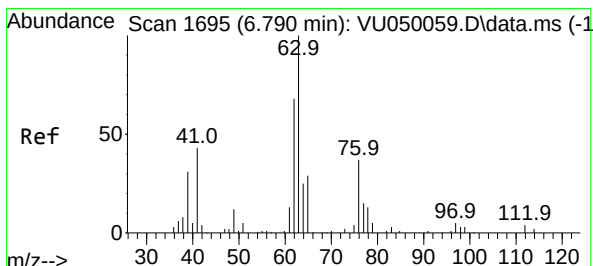
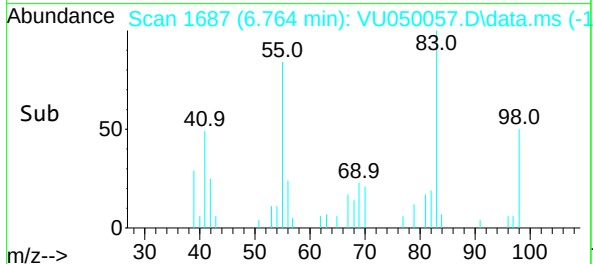
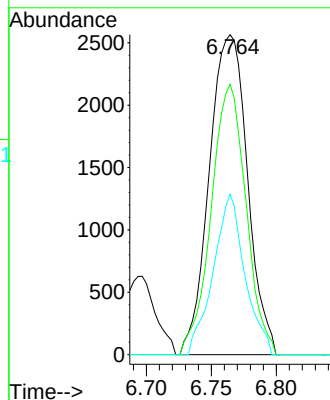
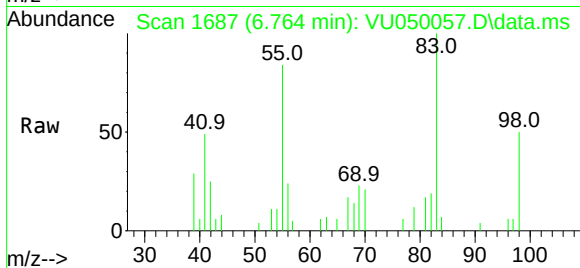
Tgt Ion: 83 Resp: 5254

Ion Ratio Lower Upper

83 100

55 76.9 62.7 94.1

98 41.5 36.2 54.2



#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU050057.D

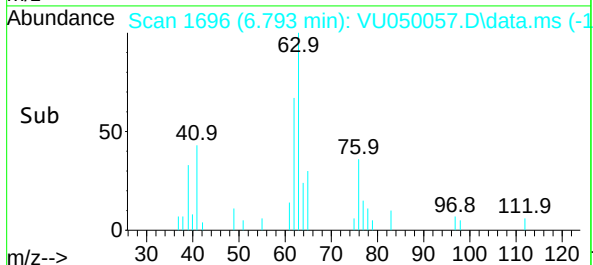
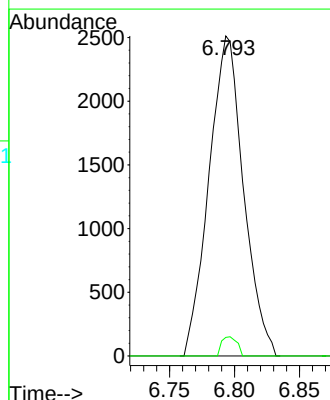
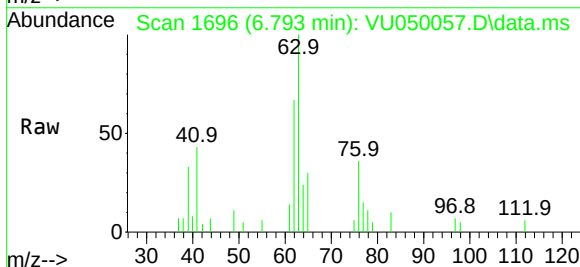
Acq: 04 Aug 2022 10:34

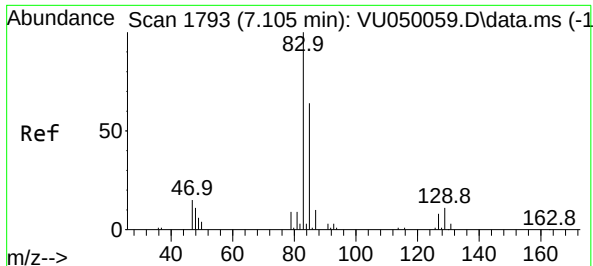
Tgt Ion: 63 Resp: 4645

Ion Ratio Lower Upper

63 100

112 2.7 3.0 4.4#

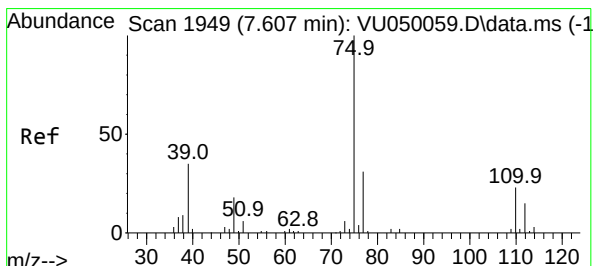
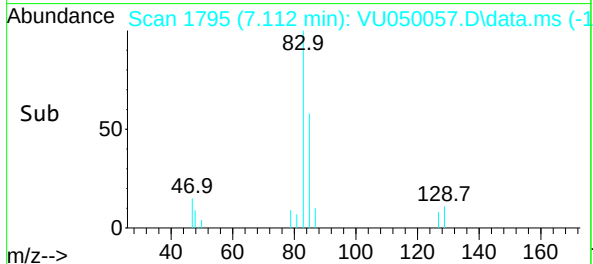
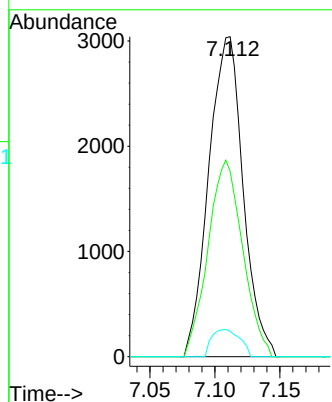
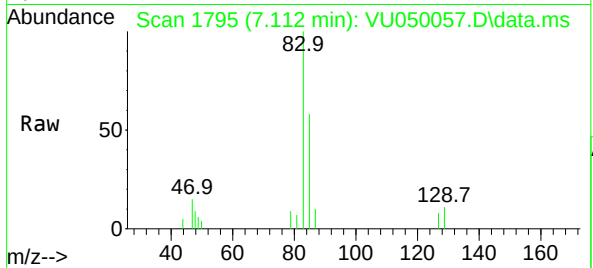




#38
Bromodichloromethane
Concen: 0.540 ug/L
RT: 7.112 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

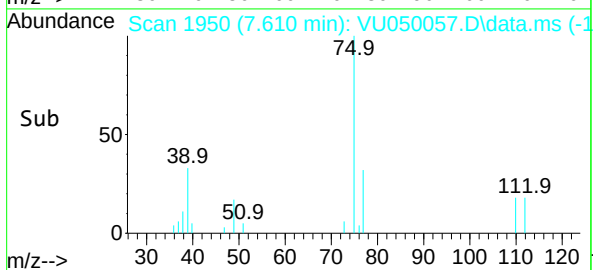
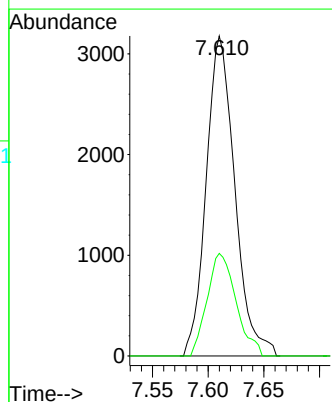
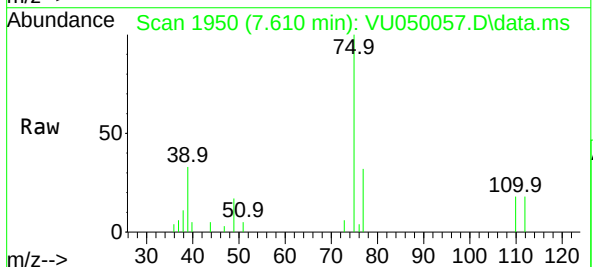
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

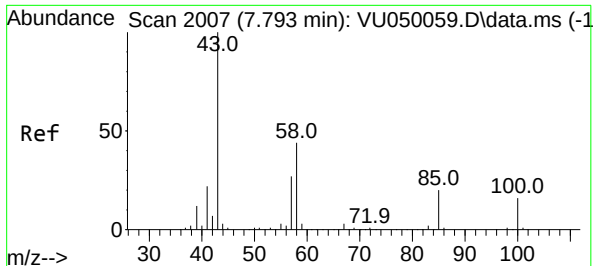
Tgt Ion: 83 Resp: 5588
Ion Ratio Lower Upper
83 100
85 58.0 45.1 83.7
127 7.9 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 0.511 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 75 Resp: 5677
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 5.065 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5050

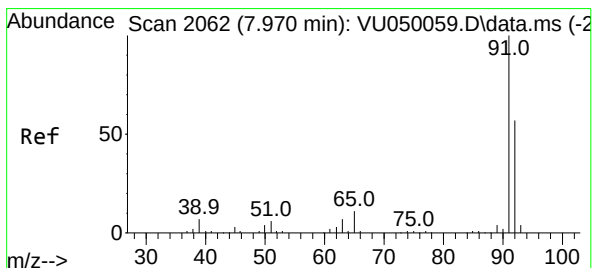
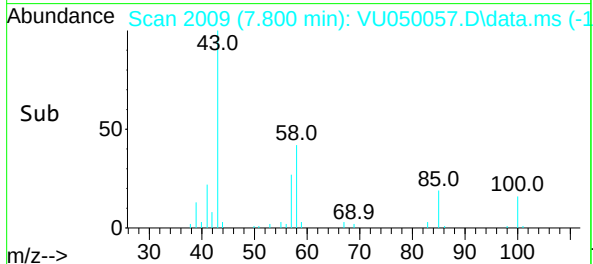
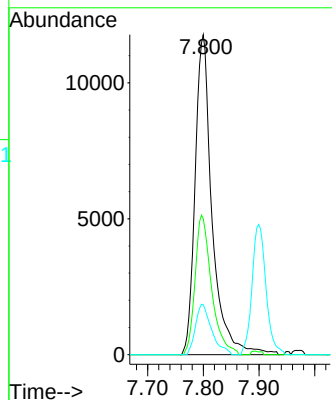
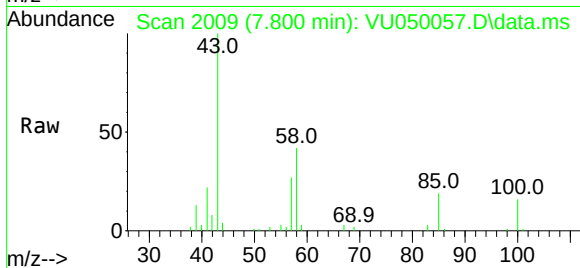
Tgt Ion: 43 Resp: 24969

Ion Ratio Lower Upper

43 100

58 42.2 34.6 51.8

100 15.0 13.0 19.4



#42

Toluene

Concen: 0.487 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050057.D

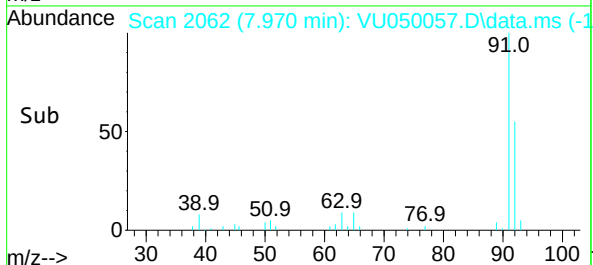
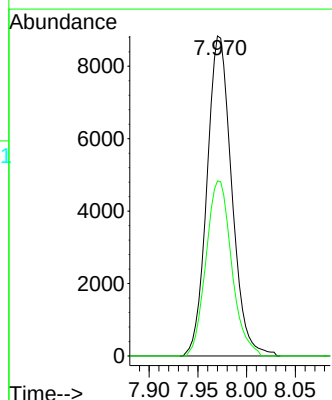
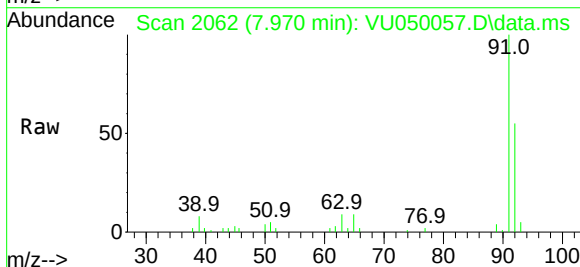
Acq: 04 Aug 2022 10:34

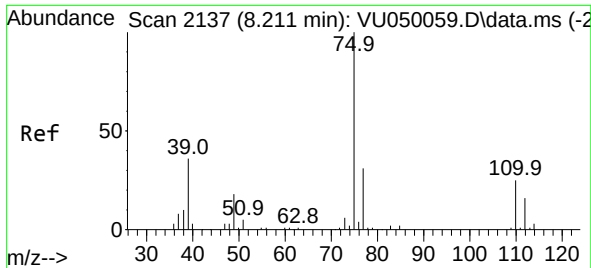
Tgt Ion: 91 Resp: 15596

Ion Ratio Lower Upper

91 100

92 54.7 39.8 74.0

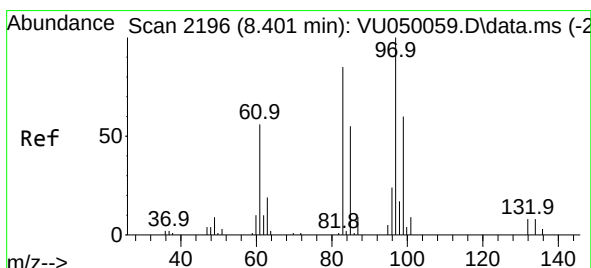
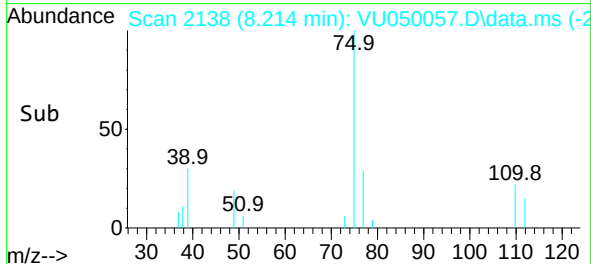
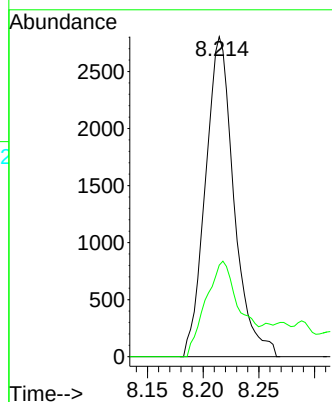
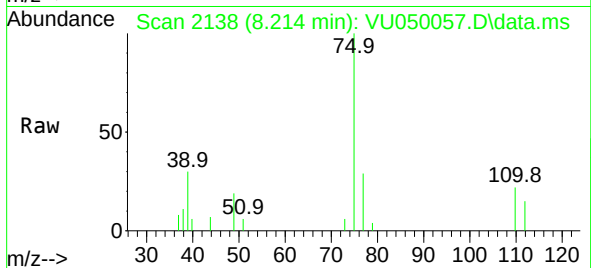




#44
trans-1,3-Dichloropropene
Concen: 0.524 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

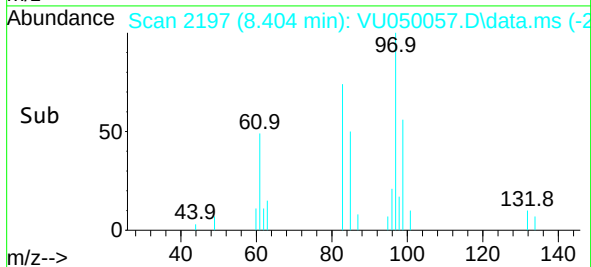
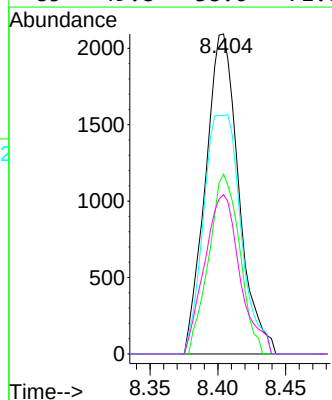
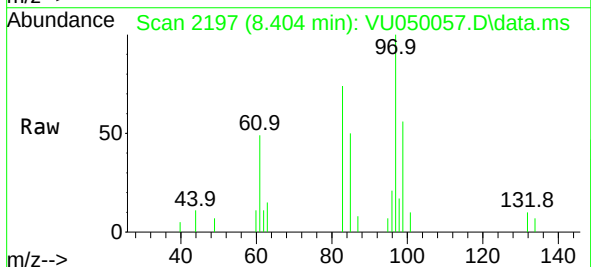
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

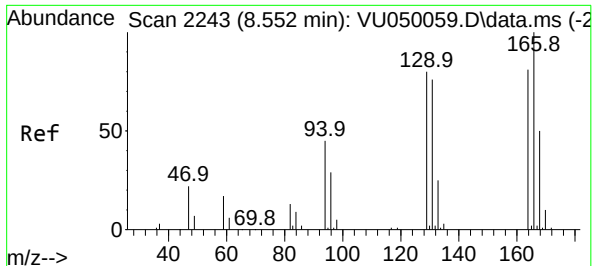
Tgt Ion: 75 Resp: 4992
Ion Ratio Lower Upper
75 100
77 28.6 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 0.562 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 97 Resp: 3575
Ion Ratio Lower Upper
97 100
99 56.3 42.2 78.4
83 74.5 59.6 110.6
85 49.8 38.6 71.8

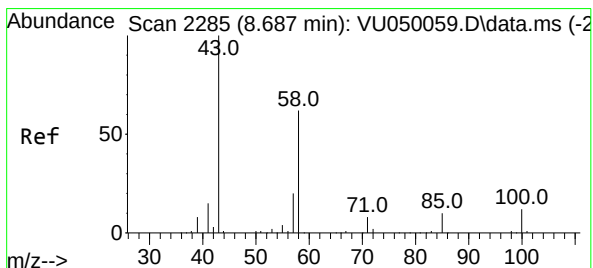
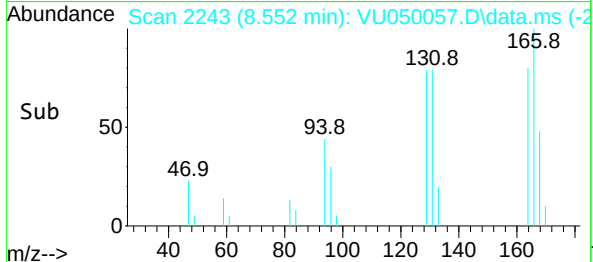
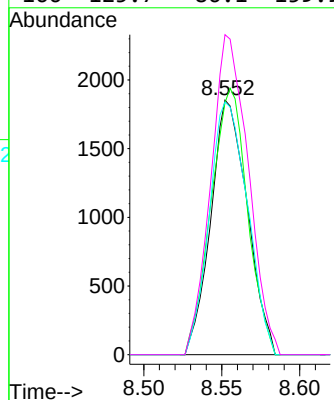
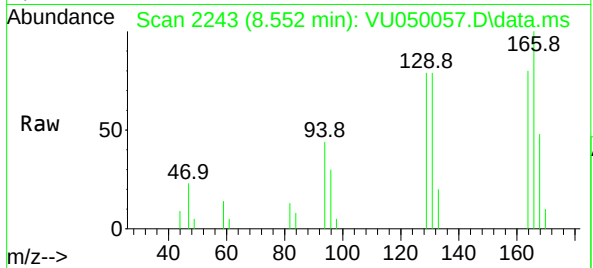




#47
Tetrachloroethene
Concen: 0.545 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

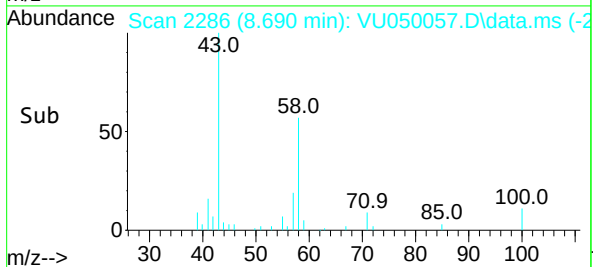
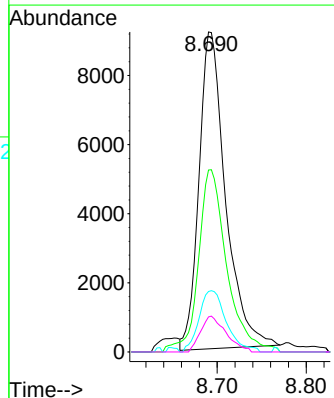
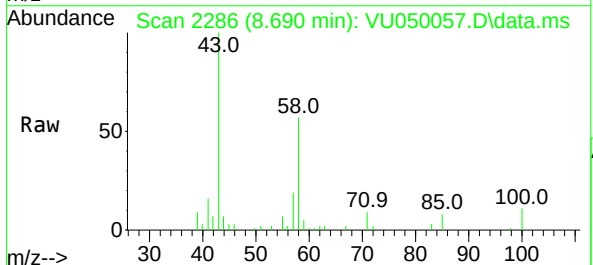
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

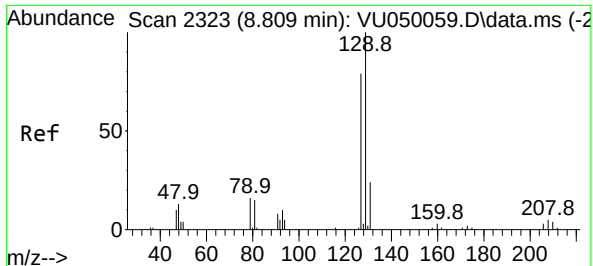
Tgt Ion:164 Resp: 3018
Ion Ratio Lower Upper
164 100
129 99.0 69.0 128.1
131 99.2 65.8 122.2
166 125.7 86.1 159.9



#48
2-Hexanone
Concen: 4.985 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 43 Resp: 19006
Ion Ratio Lower Upper
43 100
58 61.3 50.6 76.0
57 19.9 16.0 24.0
100 10.8 9.8 14.8

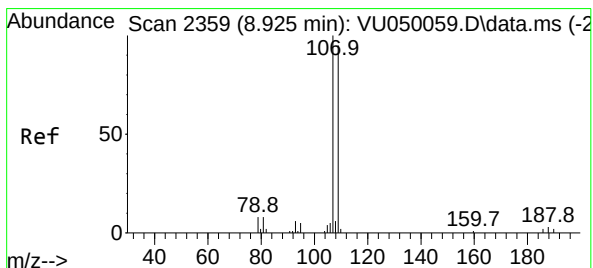
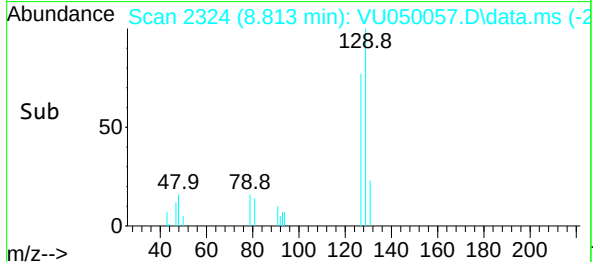
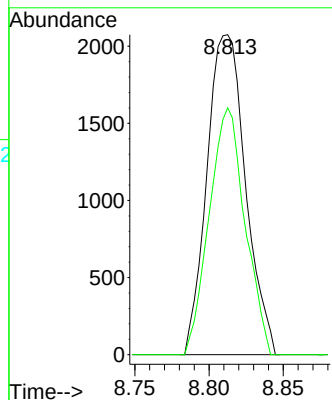
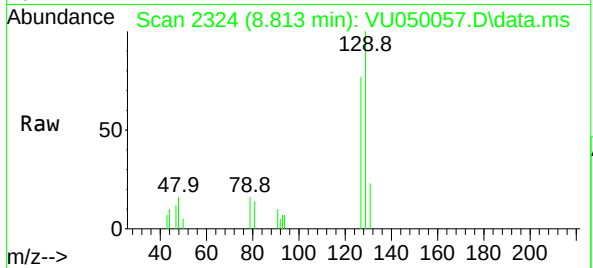




#49
Dibromochloromethane
Concen: 0.534 ug/L
RT: 8.813 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

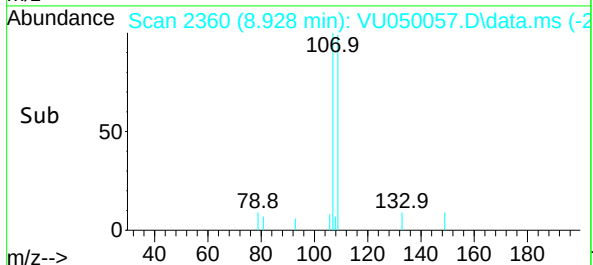
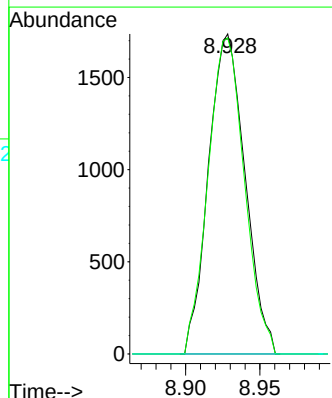
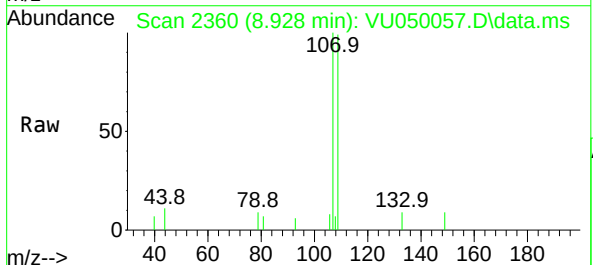
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

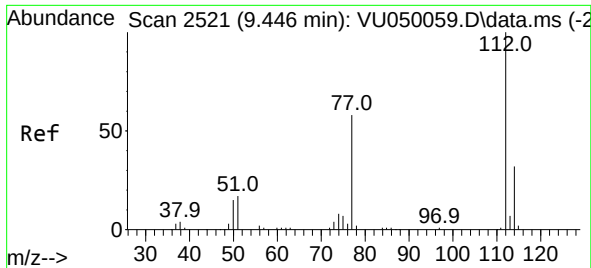
Tgt Ion:129 Resp: 3760
Ion Ratio Lower Upper
129 100
127 77.2 55.3 102.7



#50
1,2-Dibromoethane
Concen: 0.515 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion:107 Resp: 2972
Ion Ratio Lower Upper
107 100
109 98.8 66.6 123.6
188 0.0 2.7 4.1#

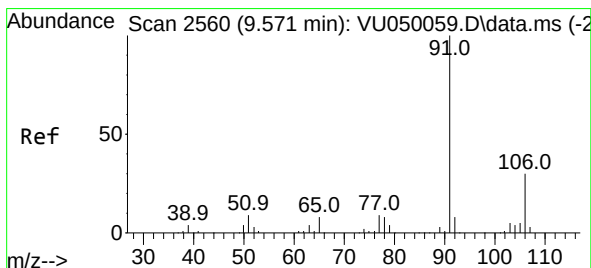
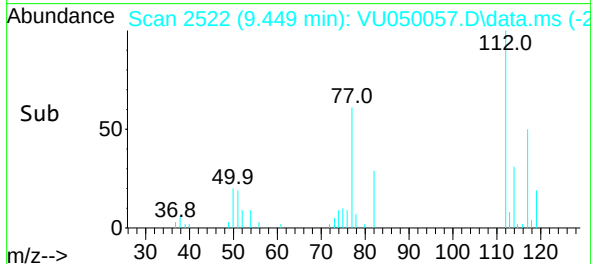
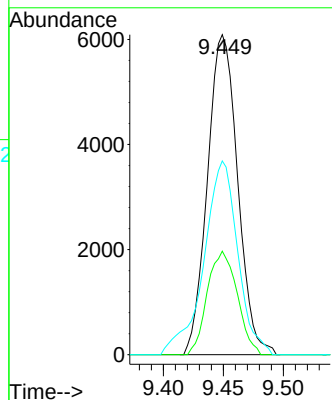
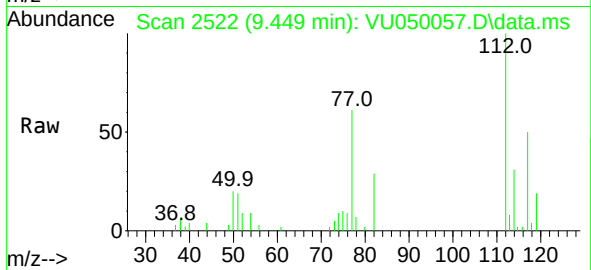




#51
Chlorobenzene
Concen: 0.530 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

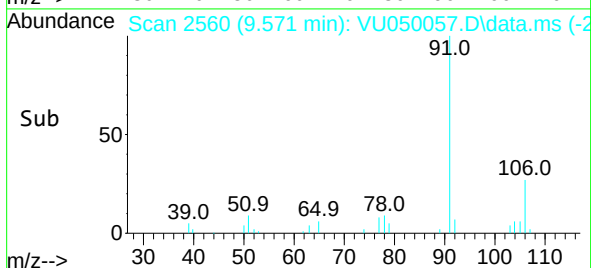
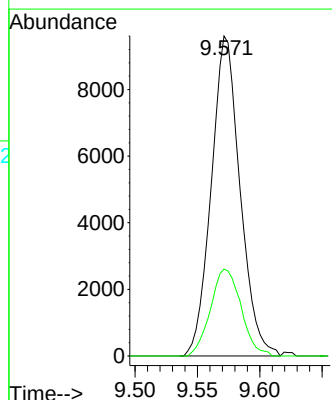
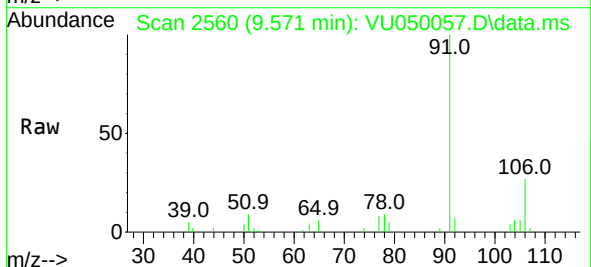
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

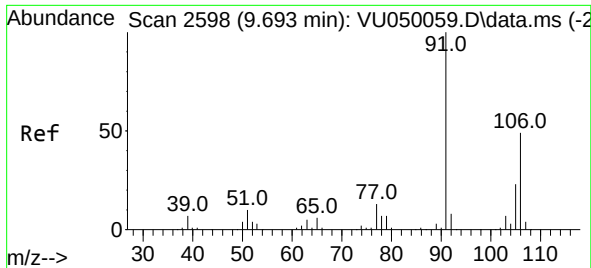
Tgt Ion:112 Resp: 10677
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 60.6 46.3 69.5



#52
Ethylbenzene
Concen: 0.494 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 91 Resp: 15435
Ion Ratio Lower Upper
91 100
106 27.1 21.3 39.5

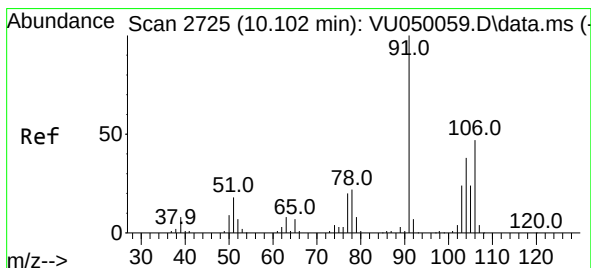
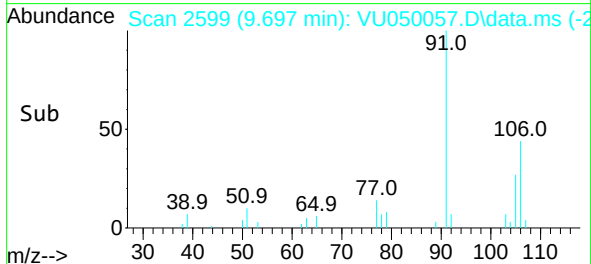
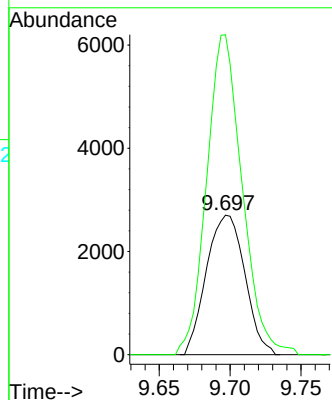
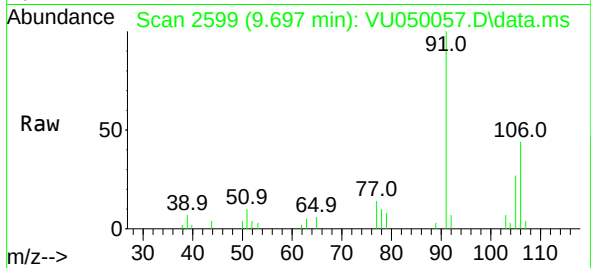




#53
m,p-Xylene
Concen: 0.443 ug/L
RT: 9.697 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

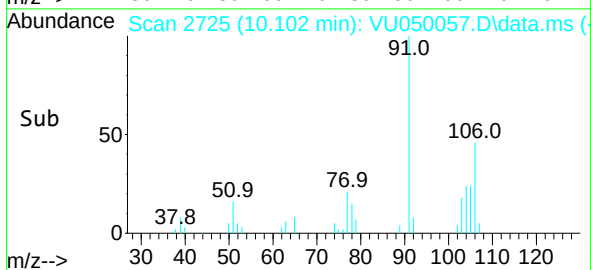
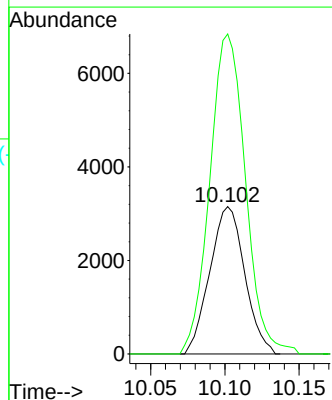
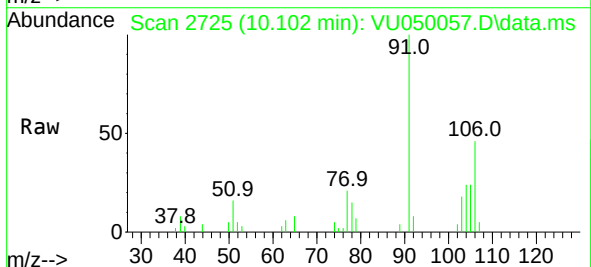
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

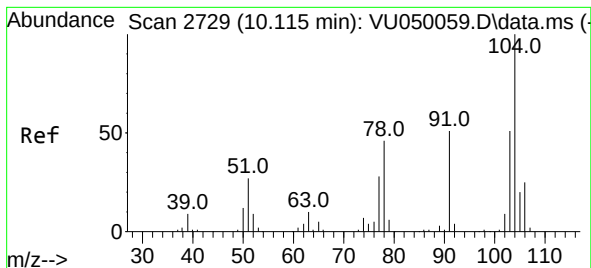
Tgt Ion:106 Resp: 5098
Ion Ratio Lower Upper
106 100
91 229.5 143.1 265.9



#54
o-Xylene
Concen: 0.449 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion:106 Resp: 5161
Ion Ratio Lower Upper
106 100
91 217.2 149.4 277.4





#55

Styrene

Concen: 0.425 ug/L

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

Instrument :

MSVOA_U

ClientSampleId :

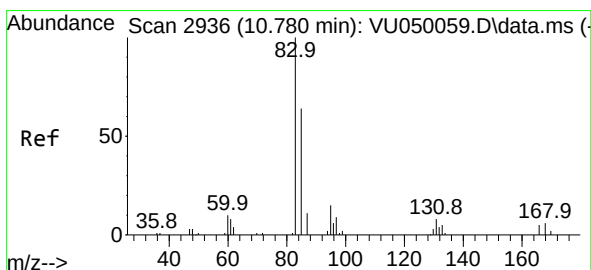
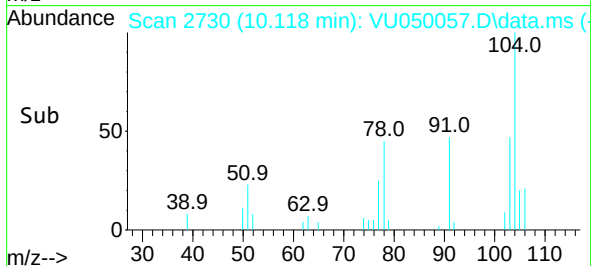
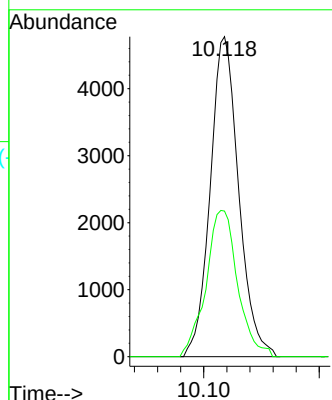
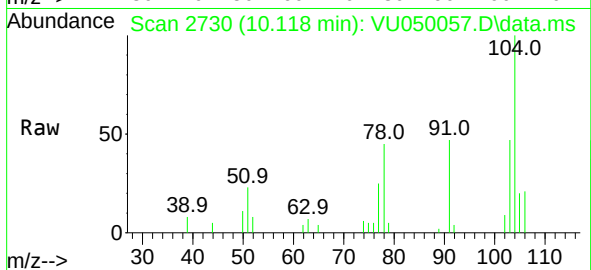
VSTD0.5050

Tgt Ion:104 Resp: 8169

Ion Ratio Lower Upper

104 100

78 45.5 31.9 59.3



#57

1,1,2,2-Tetrachloroethane

Concen: 0.534 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU050057.D

Acq: 04 Aug 2022 10:34

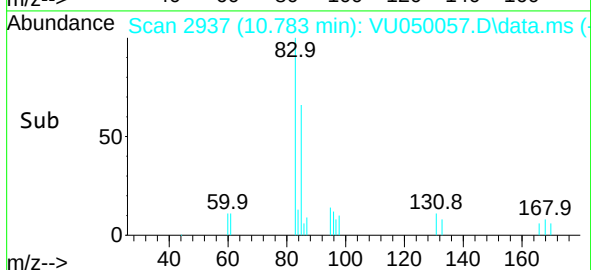
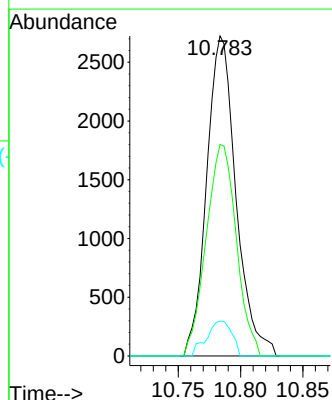
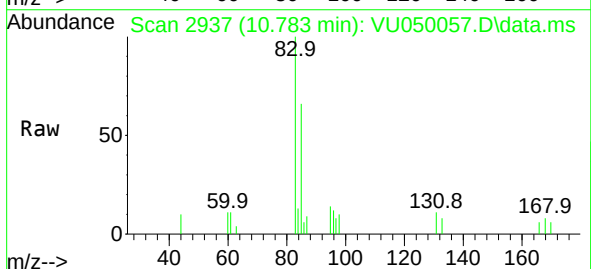
Tgt Ion: 83 Resp: 4465

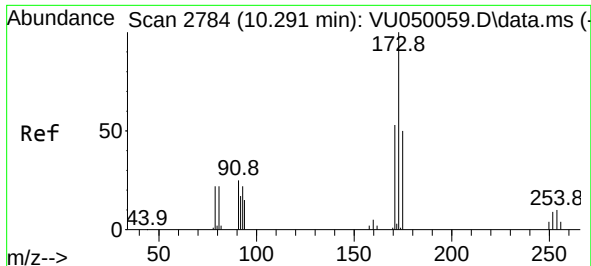
Ion Ratio Lower Upper

83 100

85 66.1 45.2 84.0

131 10.9 6.6 9.8#

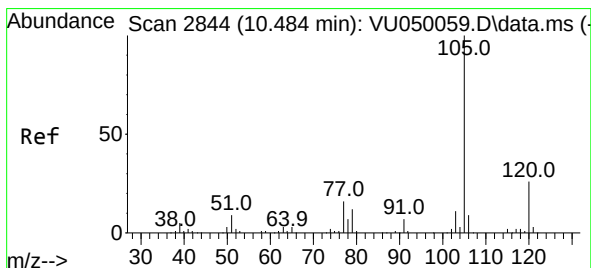
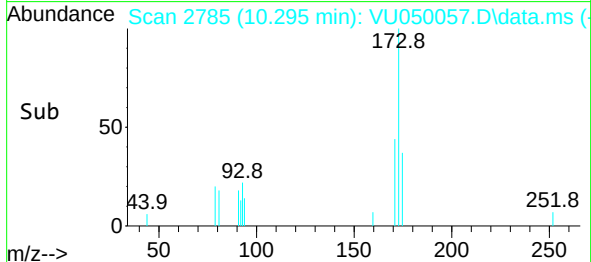
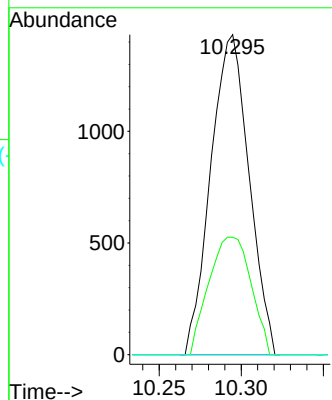
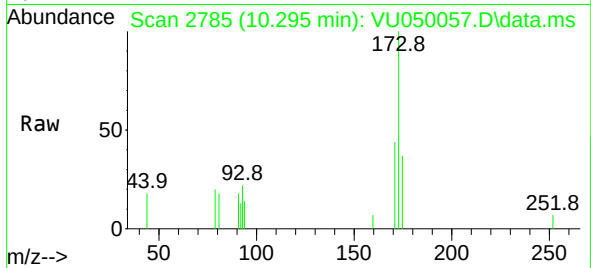




#59
Bromoform
Concen: 0.610 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

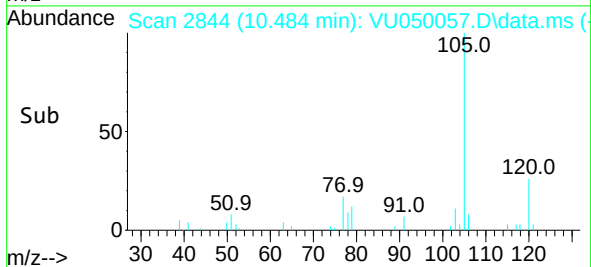
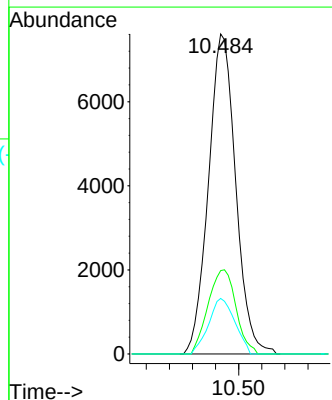
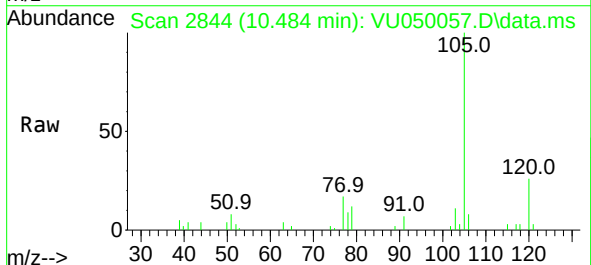
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

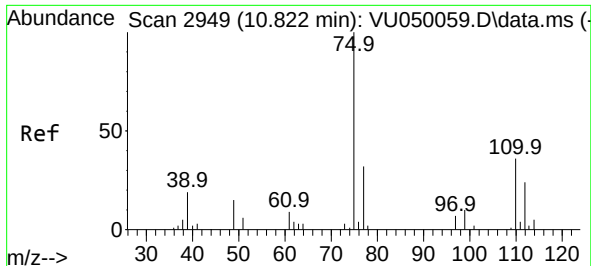
Tgt Ion:173 Resp: 2320
Ion Ratio Lower Upper
173 100
175 40.4 37.0 55.6
254 0.0 7.4 11.0#



#60
Isopropylbenzene
Concen: 0.492 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion:105 Resp: 12453
Ion Ratio Lower Upper
105 100
120 26.9 20.8 31.2
77 16.7 12.6 19.0

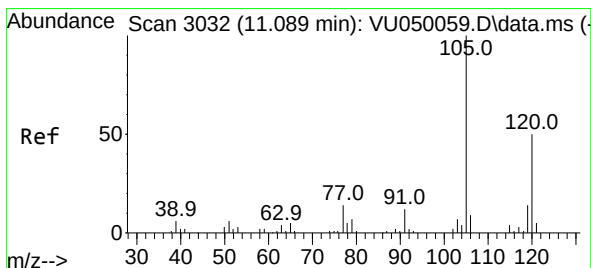
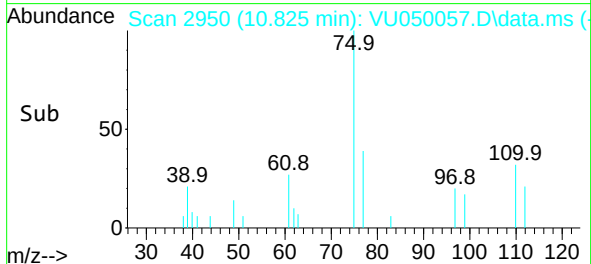
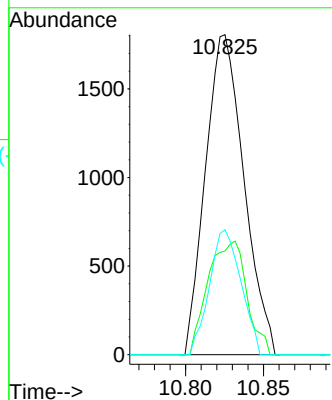
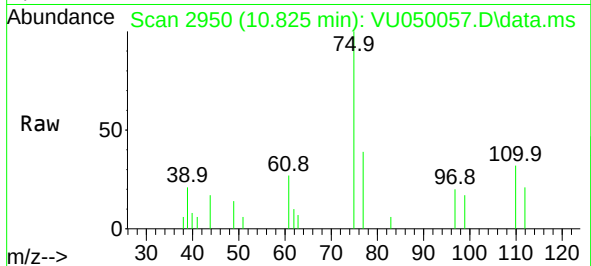




#61
1,2,3-Trichloropropane
Concen: 0.600 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

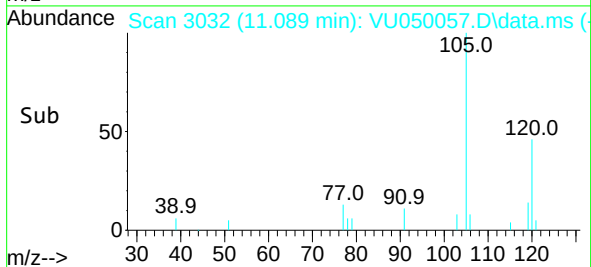
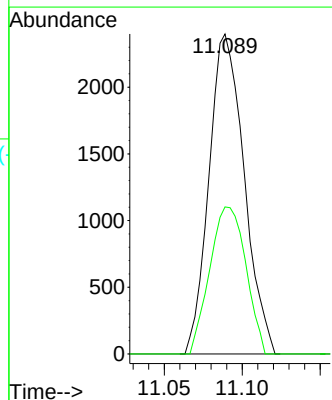
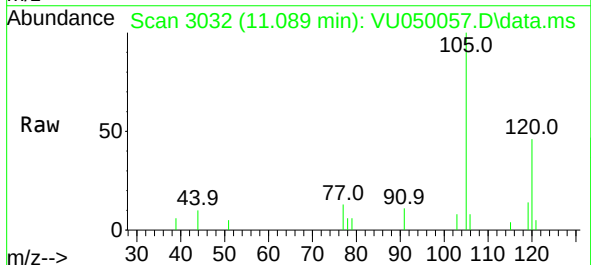
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

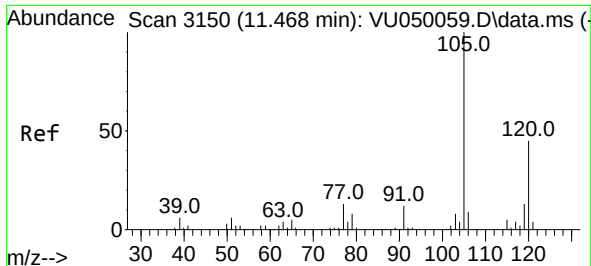
Tgt Ion: 75 Resp: 3099
Ion Ratio Lower Upper
75 100
110 35.8 28.5 42.7
77 32.1 25.8 38.6



#62
1,3,5-Trimethylbenzene
Concen: 0.525 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion: 105 Resp: 3757
Ion Ratio Lower Upper
105 100
120 47.1 38.9 58.3

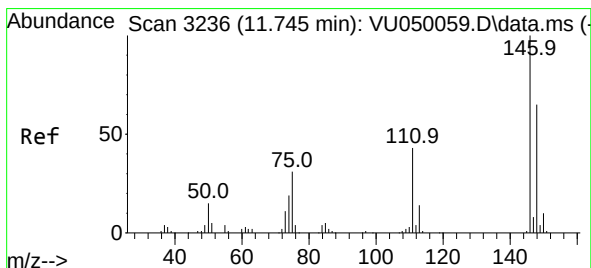
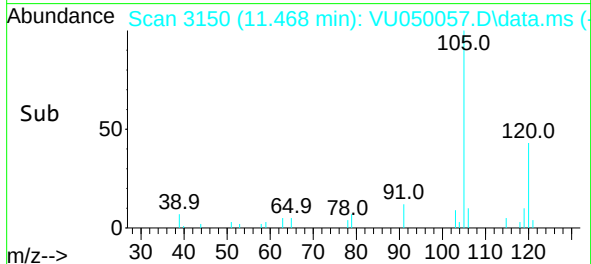
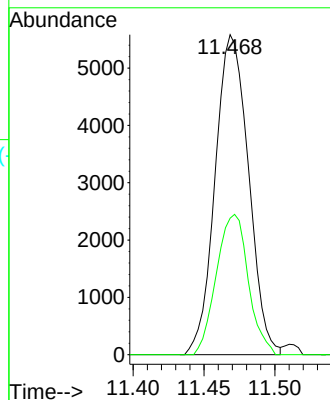
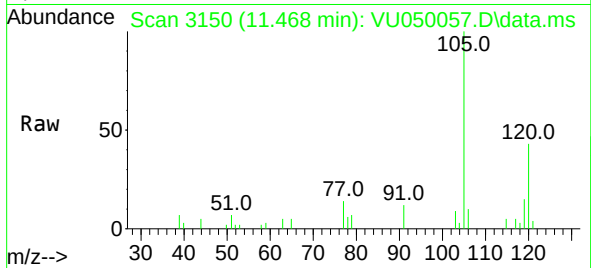




#63
1,2,4-Trimethylbenzene
Concen: 0.470 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

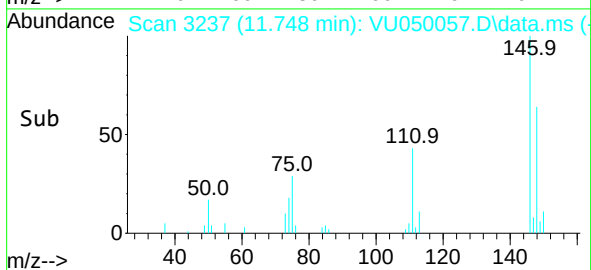
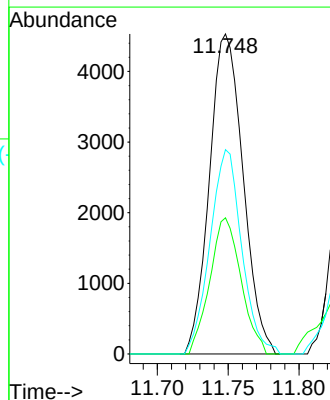
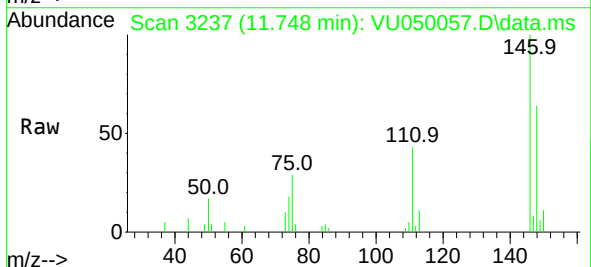
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

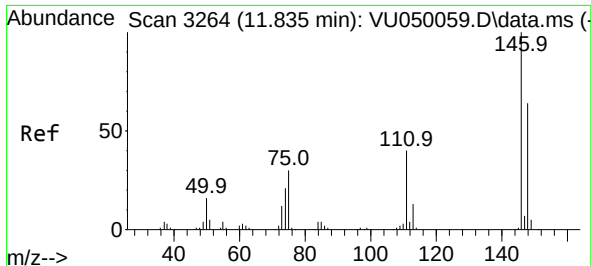
Tgt Ion:105 Resp: 9164
Ion Ratio Lower Upper
105 100
120 41.8 35.9 53.9



#64
1,3-Dichlorobenzene
Concen: 0.586 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion:146 Resp: 7481
Ion Ratio Lower Upper
146 100
111 42.5 29.9 55.5
148 63.8 45.8 85.2

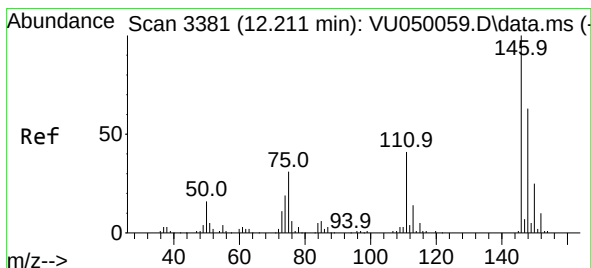
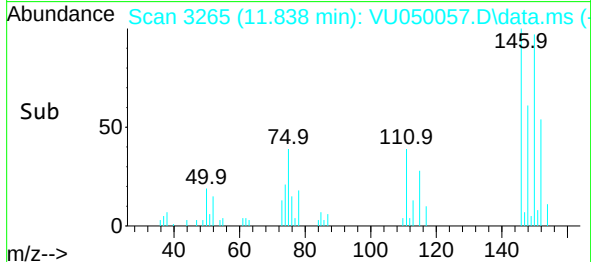
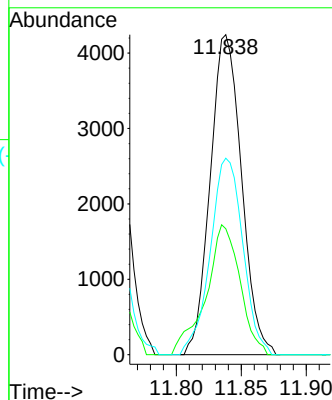
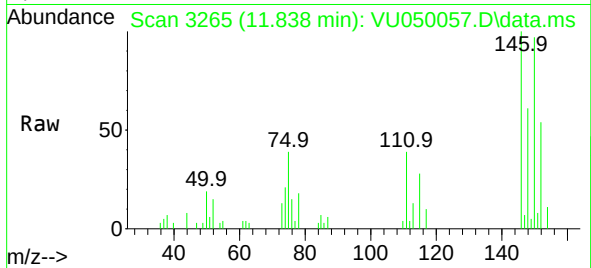




#65
1,4-Dichlorobenzene
Concen: 0.573 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

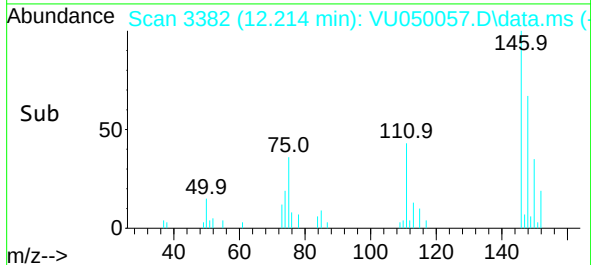
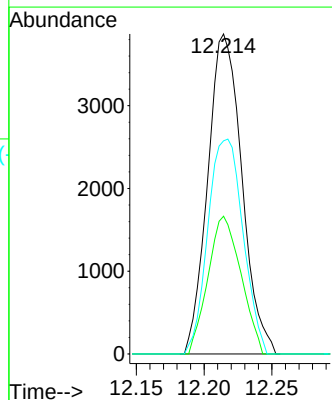
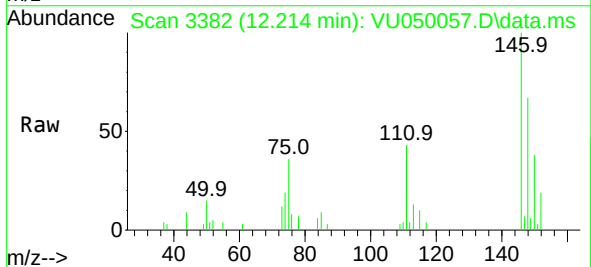
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

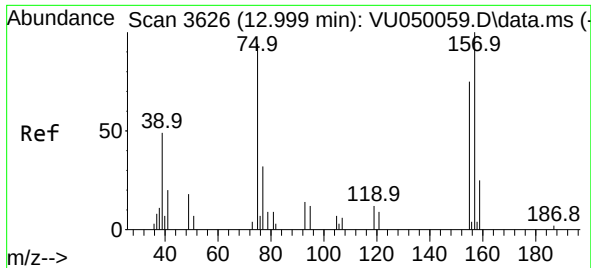
Tgt Ion:146 Resp: 7109
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 61.4 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 0.548 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

Tgt Ion:146 Resp: 6767
Ion Ratio Lower Upper
146 100
111 43.0 32.9 49.3
148 66.6 50.4 75.6

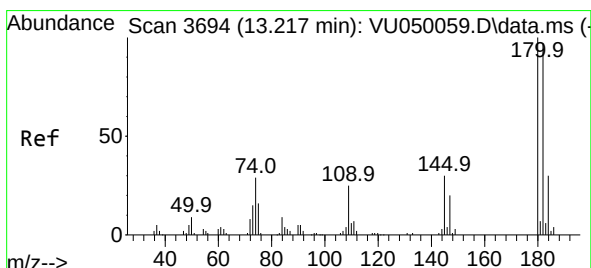
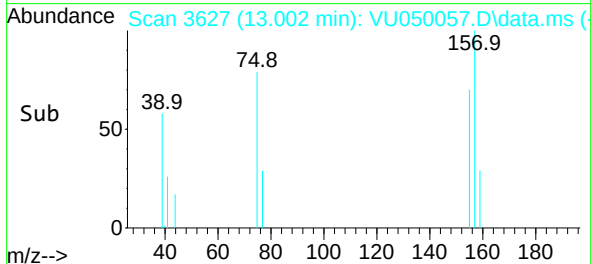
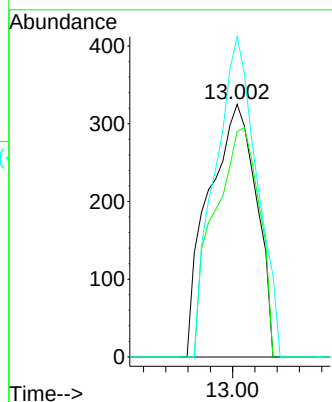
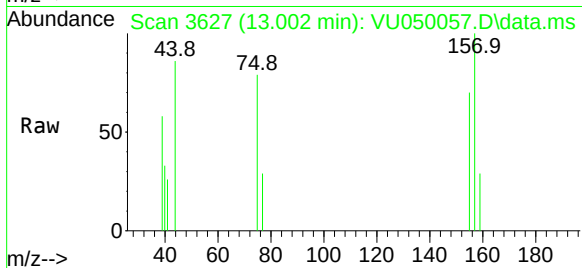




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.477 ug/L
 RT: 13.002 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU050057.D
 Acq: 04 Aug 2022 10:34

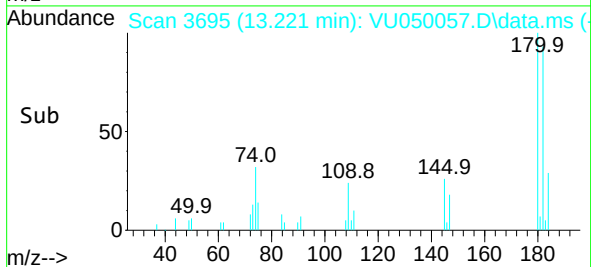
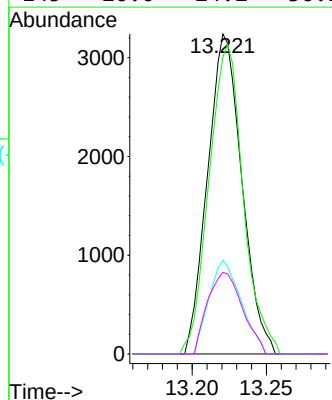
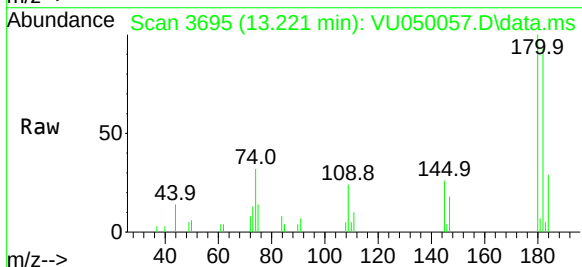
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

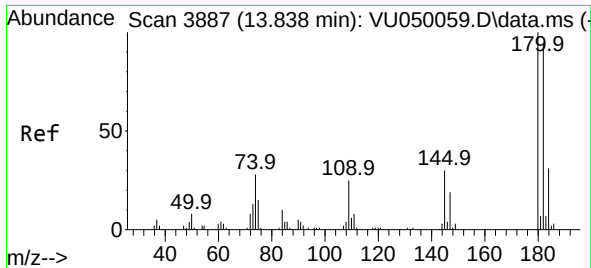
Tgt Ion: 75 Resp: 483
 Ion Ratio Lower Upper
 75 100
 155 89.2 63.5 95.3
 157 126.8 85.0 127.6



#69
 1,3,5-Trichlorobenzene
 Concen: 0.571 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050057.D
 Acq: 04 Aug 2022 10:34

Tgt Ion: 180 Resp: 5185
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.3 115.9
 184 27.5 24.1 36.1
 145 26.0 24.2 36.2

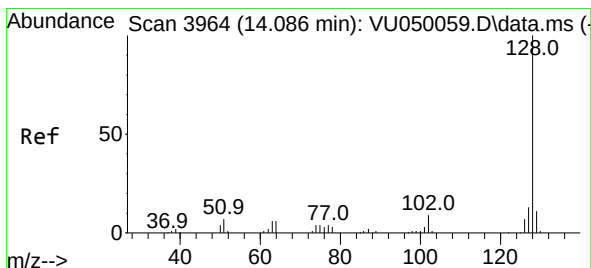
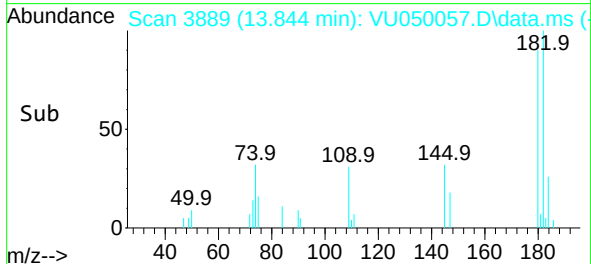
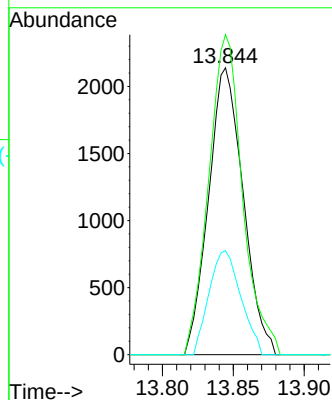
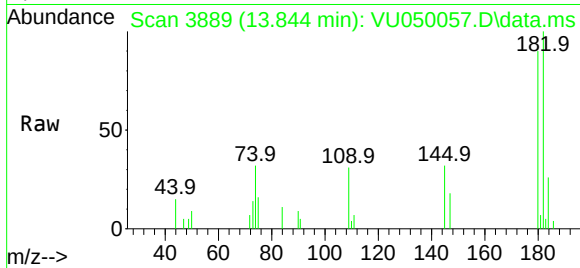




#70
1,2,4-trichlorobenzene
Concen: 0.528 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

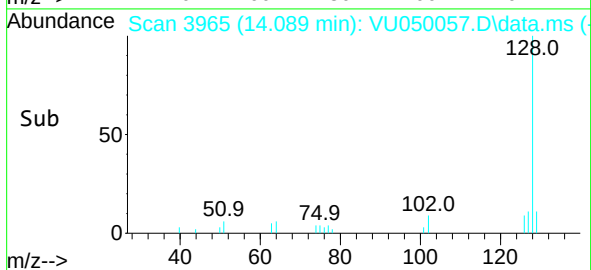
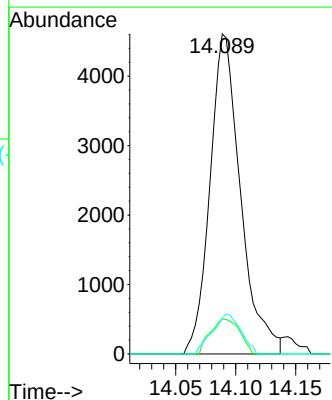
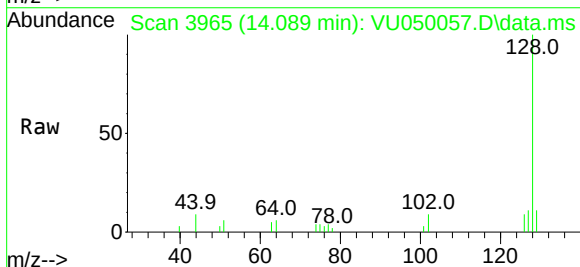
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

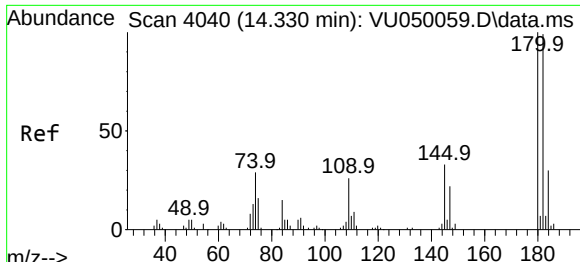
Tgt Ion:180 Resp: 3634
Ion Ratio Lower Upper
180 100
182 108.9 76.9 115.3
145 33.2 24.2 36.4



#71
Naphthalene
Concen: 0.578 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU050057.D
Acq: 04 Aug 2022 10:34

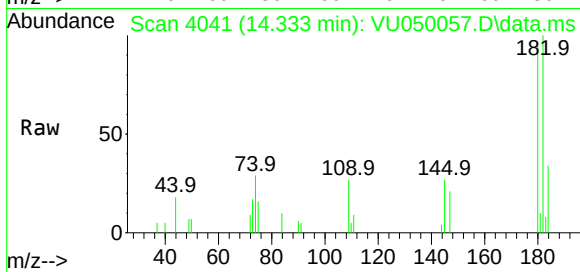
Tgt Ion:128 Resp: 8159
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 11.6 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.539 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU050057.D
 Acq: 04 Aug 2022 10:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050



Tgt Ion:180 Resp: 3765
 Ion Ratio Lower Upper
 180 100
 182 101.2 77.5 116.3
 145 30.1 25.8 38.6

