

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048382.D
 Acq On : 03 May 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050111

Quant Time: May 04 01:34:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	436509	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	441890	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	246759	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	220571	54.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.900%	
7) Chloroethane-d5	1.903	69	139637	49.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 99.120%	
11) 1,1-Dichloroethene-d2	2.565	63	330523	51.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.780%	
21) 2-Butanone-d5	4.629	46	305170	89.138	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 89.140%	
24) Chloroform-d	5.066	84	364028	49.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.000%	
26) 1,2-Dichloroethane-d4	5.703	65	216289	50.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.140%	
32) Benzene-d6	5.729	84	757216	54.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.660%	
36) 1,2-Dichloropropane-d6	6.693	67	235914	51.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 102.400%	
41) Toluene-d8	7.899	98	710850	56.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.540%	
43) trans-1,3-Dichloroprop...	8.182	79	108619	53.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.860%	
47) 2-Hexanone-d5	8.639	63	230675	92.795	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 92.800%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	375071	46.416	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 92.840%	
66) 1,2-Dichlorobenzene-d4	12.195	152	282644	50.918	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	140482	42.591	ug/L	99
3) Chloromethane	1.523	50	146999	38.938	ug/L	99
5) Vinyl chloride	1.604	62	162673	42.759	ug/L	95
6) Bromomethane	1.854	94	80452	46.014	ug/L	99
8) Chloroethane	1.922	64	96577	44.896	ug/L	97
9) Trichlorofluoromethane	2.131	101	238964	48.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	157845	48.002	ug/L	100
12) 1,1-Dichloroethene	2.578	96	131126	45.684	ug/L	86
13) Acetone	2.636	43	254058	115.593	ug/L	99
14) Carbon disulfide	2.793	76	262896	37.581	ug/L	100
15) Methyl Acetate	2.951	43	191612	43.918	ug/L	98
16) Methylene chloride	3.047	84	176554	47.711	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	140432	47.096	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	508230	51.658	ug/L	99
19) 1,1-Dichloroethane	3.870	63	294559	47.240	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	179275	49.878	ug/L	94
22) 2-Butanone	4.710	43	327678	100.822	ug/L	96
23) Bromochloromethane	4.976	128	98354	49.013	ug/L	95
25) Chloroform	5.089	83	319827	50.230	ug/L	99

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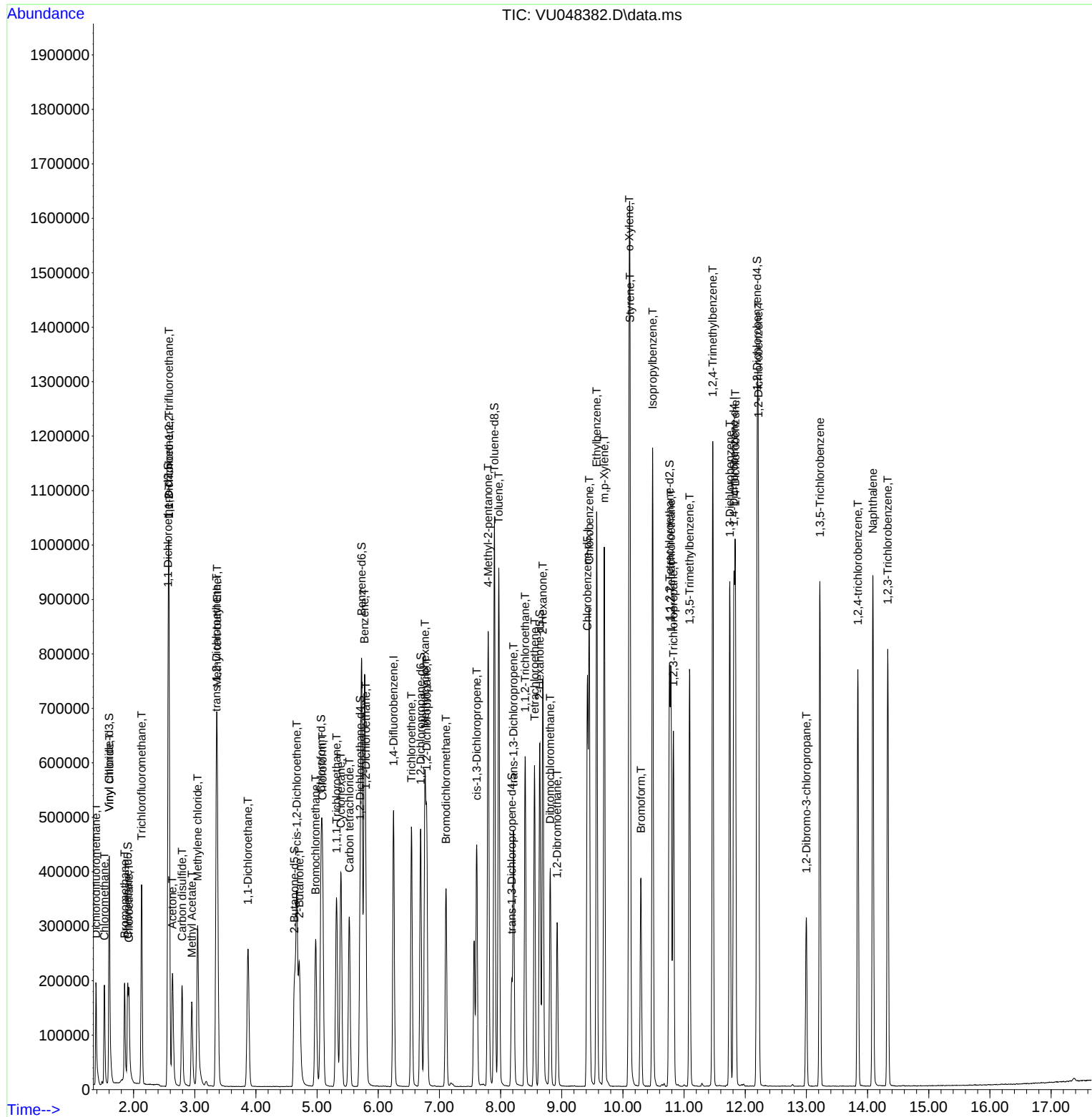
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	227116	48.902	ug/L	100
29) Cyclohexane	5.391	56	196418	47.045	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	257755	51.581	ug/L	100
31) Carbon tetrachloride	5.526	117	219263	51.481	ug/L	100
33) Benzene	5.774	78	661222	50.540	ug/L	100
34) Trichloroethene	6.542	95	163185	50.887	ug/L	98
35) Methylcyclohexane	6.764	83	226129	50.226	ug/L	97
37) 1,2-Dichloropropane	6.793	63	187902	50.479	ug/L	100
38) Bromodichloromethane	7.108	83	239863	51.025	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	271806	51.928	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	563082	100.294	ug/L	99
42) Toluene	7.970	91	719767	52.400	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	263515	51.533	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	198085	50.721	ug/L	98
46) Tetrachloroethene	8.555	164	140480	51.042	ug/L	99
48) 2-Hexanone	8.690	43	468844	100.002	ug/L	98
49) Dibromochloromethane	8.812	129	215044	50.109	ug/L	100
50) 1,2-Dibromoethane	8.925	107	201556	50.892	ug/L	98
51) Chlorobenzene	9.449	112	495083	50.003	ug/L	99
52) Ethylbenzene	9.571	91	751445	52.824	ug/L	100
53) m,p-Xylene	9.697	106	303107	53.995	ug/L	99
54) o-Xylene	10.102	106	308238	54.505	ug/L	98
55) Styrene	10.118	104	525031	54.497	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	372933	48.384	ug/L	99
59) Bromoform	10.295	173	179114	50.016	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	280113	48.660	ug/L	99
61) Isopropylbenzene	10.488	105	781141	56.617	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	413772	56.900	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	649041	58.053	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	403869	52.212	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	403401	51.084	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	419568	51.490	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	74209	48.290	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	310948	54.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	254384	56.021	ug/L	99
71) Naphthalene	14.089	128	768603	59.146	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	270445	58.115	ug/L	99

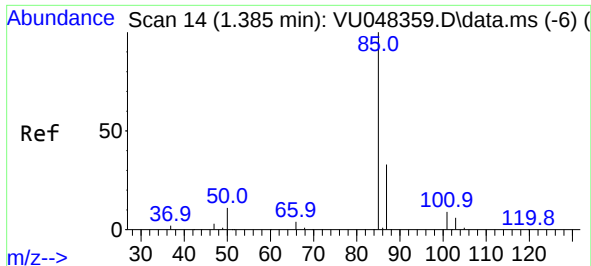
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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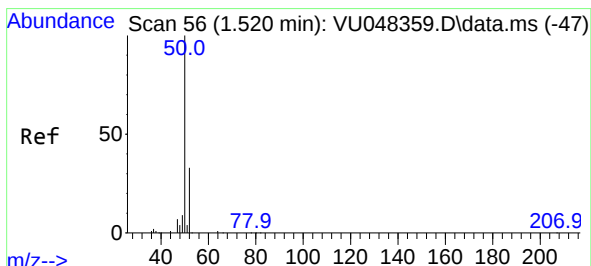
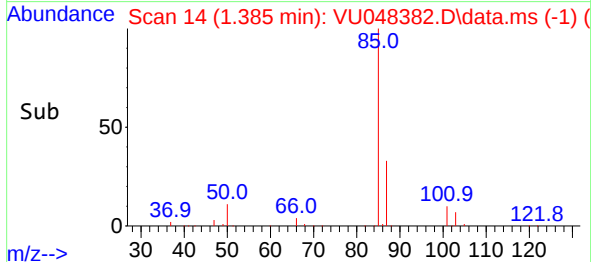
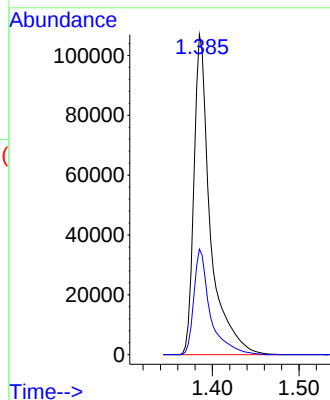
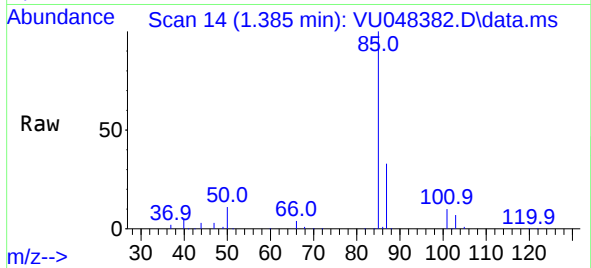




#2
Dichlorodifluoromethane
Concen: 42.591 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

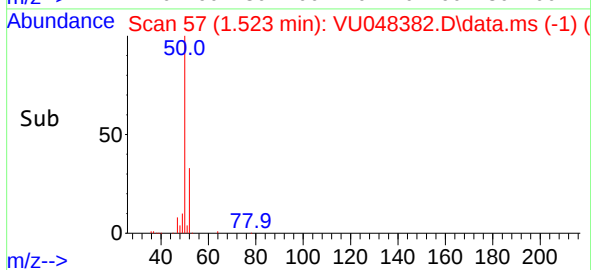
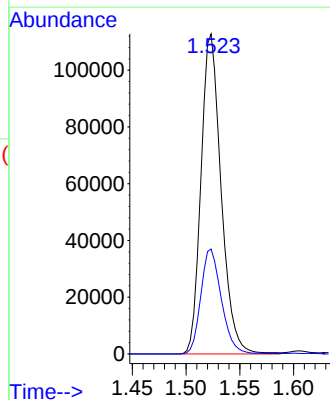
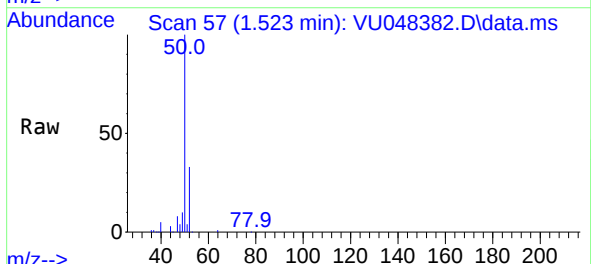
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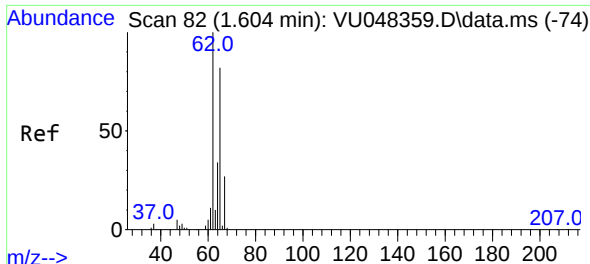
Tgt Ion: 85 Resp: 140482
Ion Ratio Lower Upper
85 100
87 33.0 26.1 39.1



#3
Chloromethane
Concen: 38.938 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 50 Resp: 146999
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

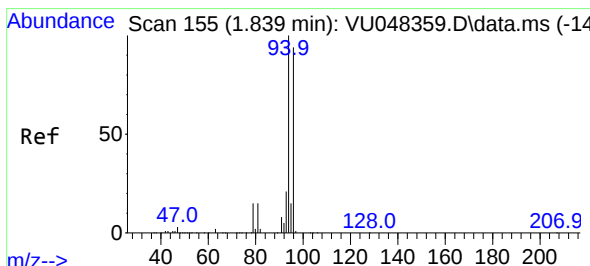
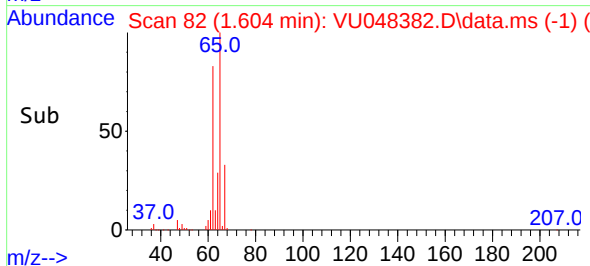
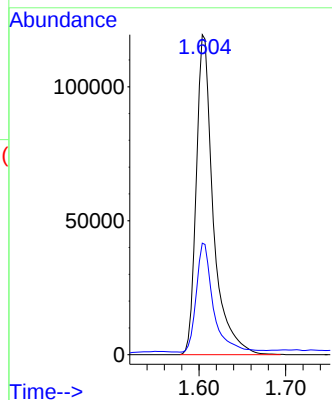
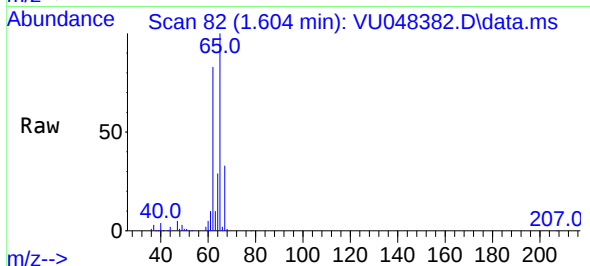




#5
Vinyl chloride
Concen: 42.759 ug/L
RT: 1.604 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

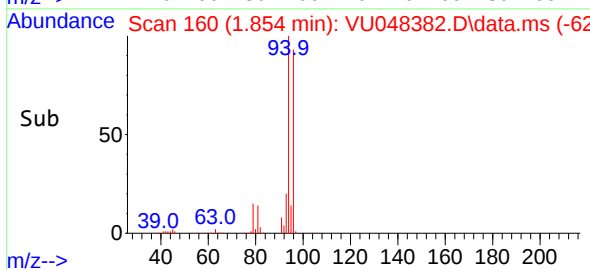
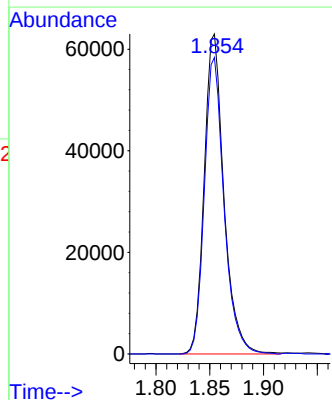
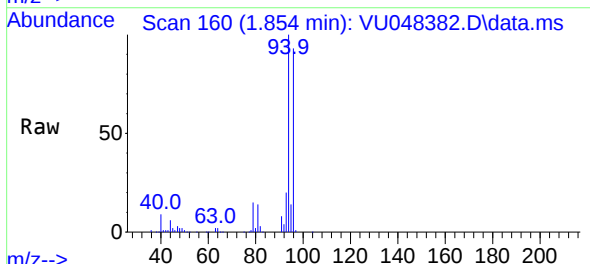
Instrument :
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ClientSampleId :
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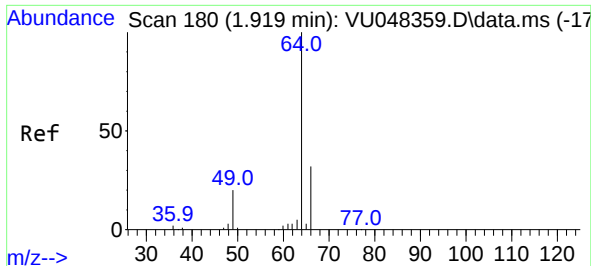
Tgt Ion: 62 Resp: 162673
Ion Ratio Lower Upper
62 100
64 34.8 22.5 41.7



#6
Bromomethane
Concen: 46.014 ug/L
RT: 1.854 min Scan# 160
Delta R.T. 0.016 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 94 Resp: 80452
Ion Ratio Lower Upper
94 100
96 92.7 65.8 122.2

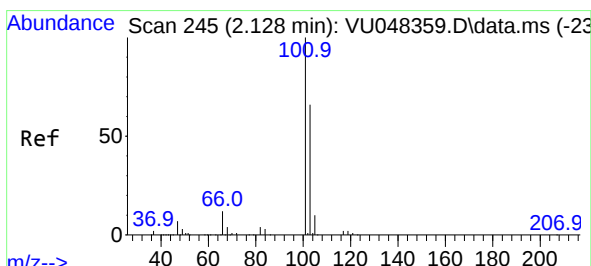
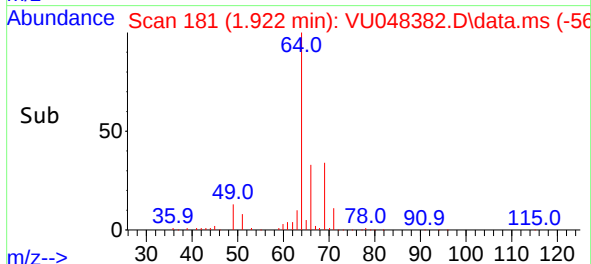
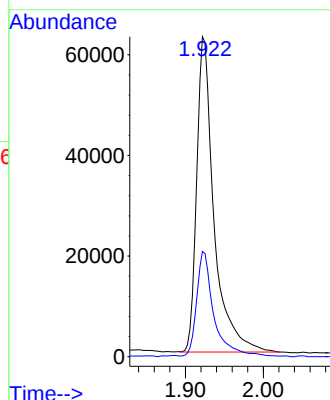
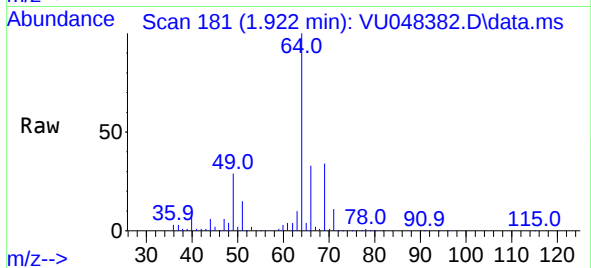




#8
Chloroethane
Concen: 44.896 ug/L
RT: 1.922 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

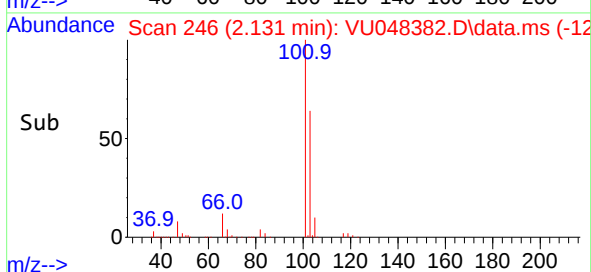
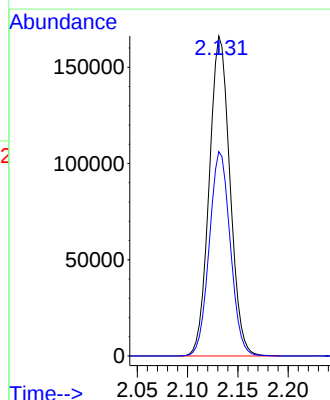
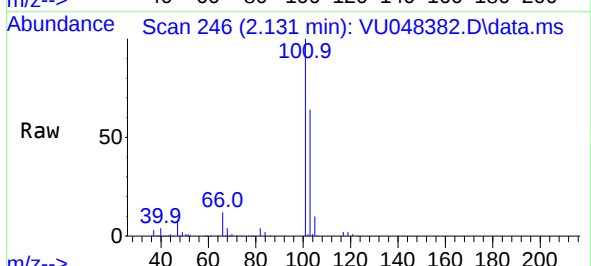
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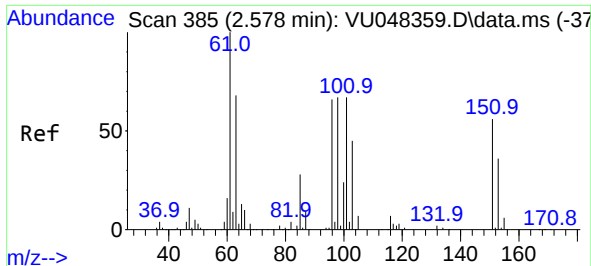
Tgt Ion: 64 Resp: 96577
Ion Ratio Lower Upper
64 100
66 32.9 21.9 40.7



#9
Trichlorofluoromethane
Concen: 48.199 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:101 Resp: 238964
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

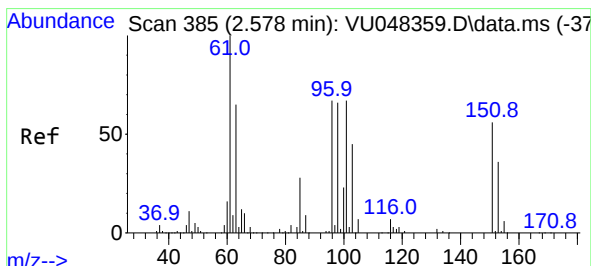
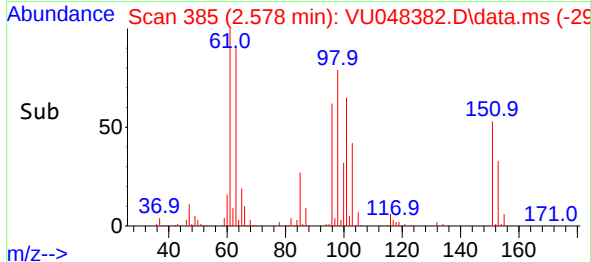
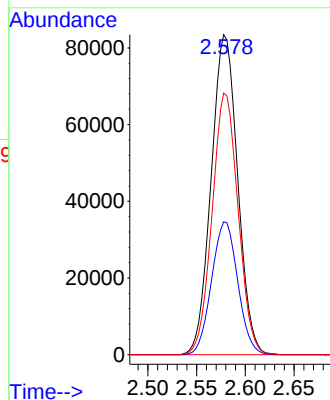
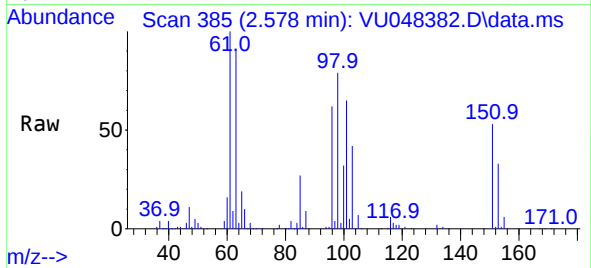




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.002 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU048382.D
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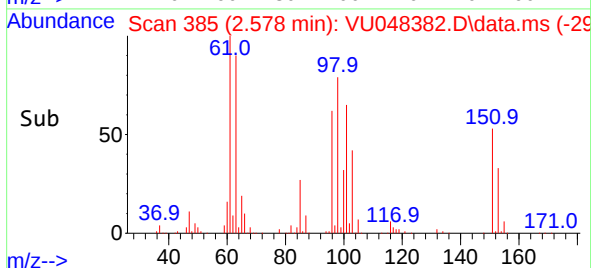
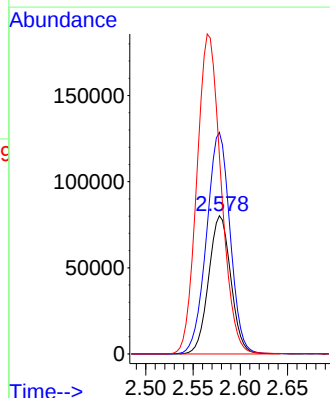
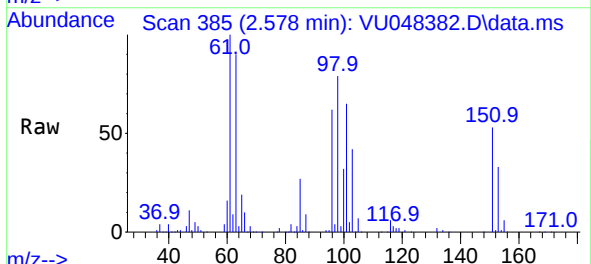
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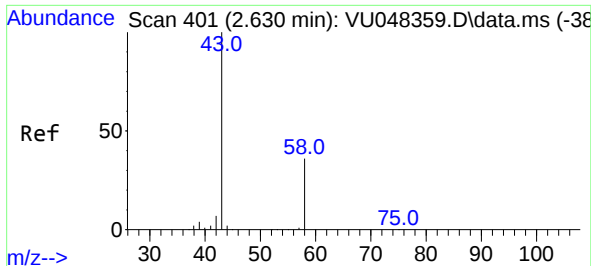
Tgt Ion:101 Resp: 157845
Ion Ratio Lower Upper
101 100
85 41.0 32.6 48.8
151 80.0 64.1 96.1



#12
1,1-Dichloroethene
Concen: 45.684 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 96 Resp: 131126
Ion Ratio Lower Upper
96 100
61 160.2 107.9 200.3
63 143.6 80.3 149.1

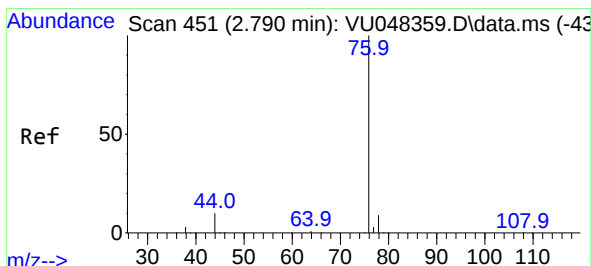
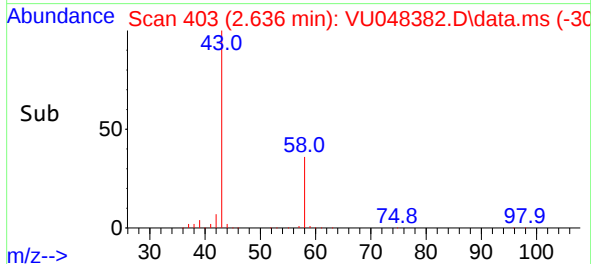
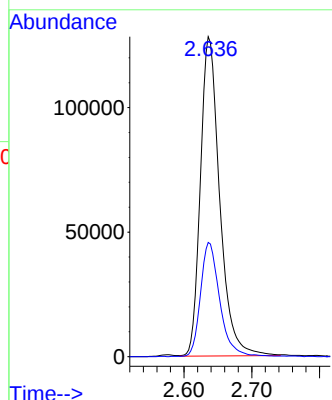
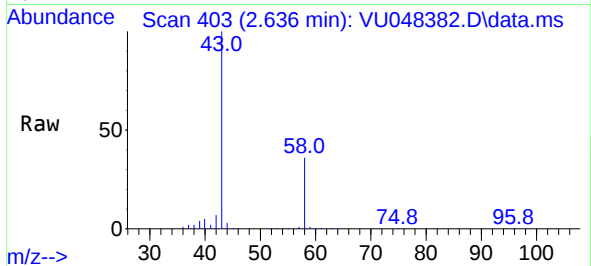




#13
Acetone
Concen: 115.593 ug/L
RT: 2.636 min Scan# 401
Delta R.T. 0.006 min
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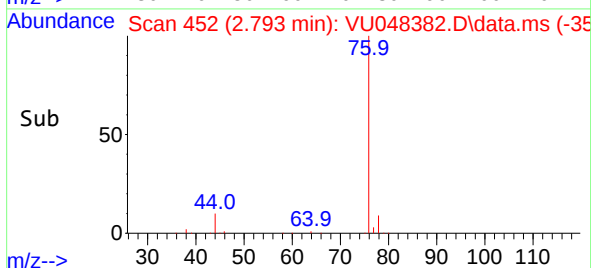
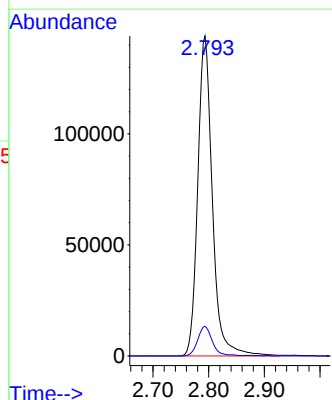
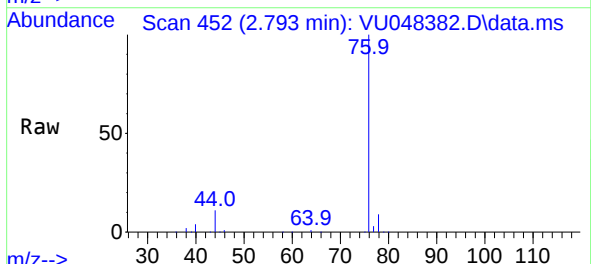
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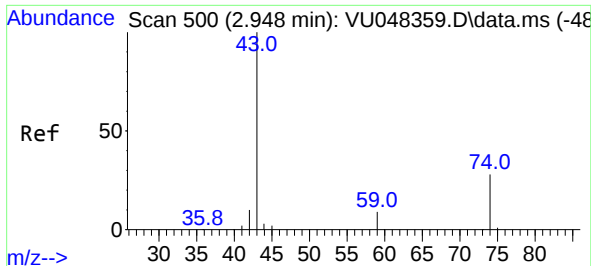
Tgt Ion: 43 Resp: 254058
Ion Ratio Lower Upper
43 100
58 35.0 0.0 71.2



#14
Carbon disulfide
Concen: 37.581 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 262896
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

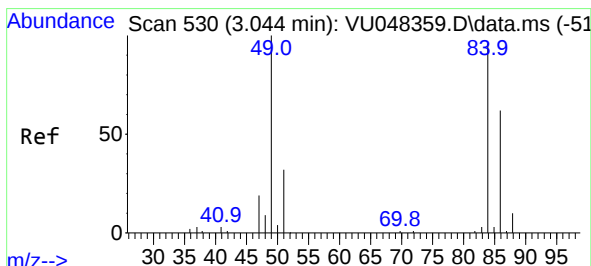
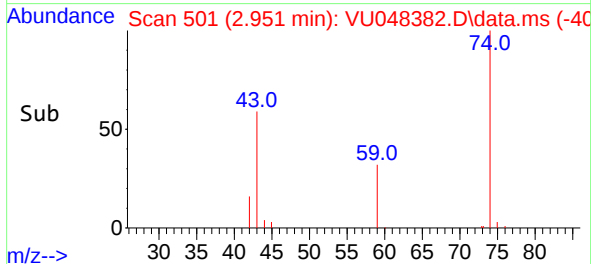
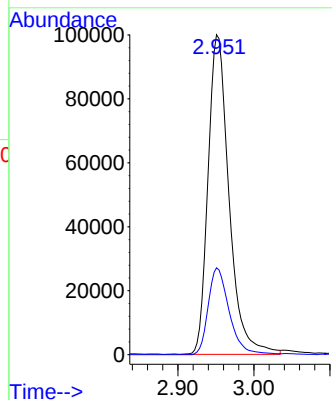
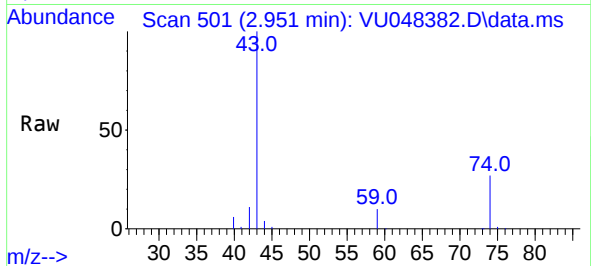




#15
Methyl Acetate
Concen: 43.918 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

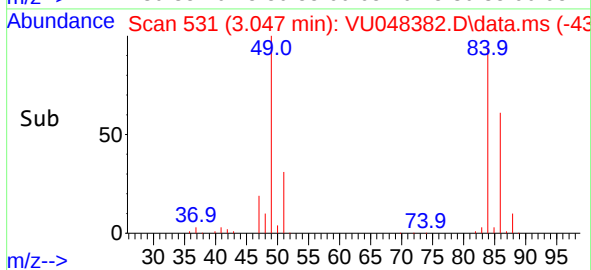
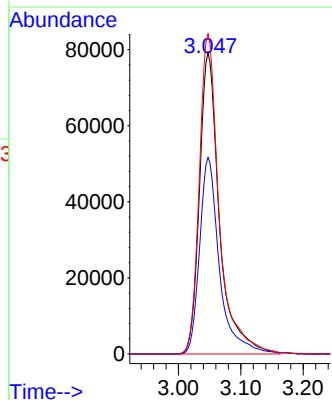
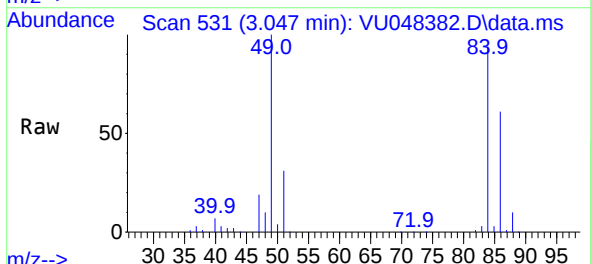
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

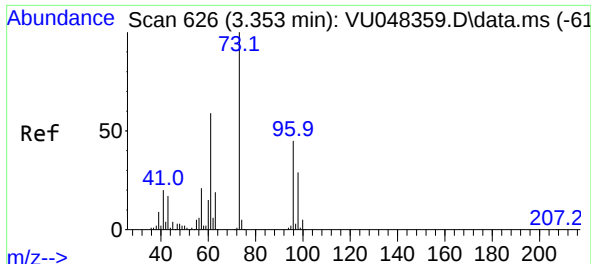
Tgt Ion: 43 Resp: 191612
Ion Ratio Lower Upper
43 100
74 27.2 21.0 31.6



#16
Methylene chloride
Concen: 47.711 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 84 Resp: 176554
Ion Ratio Lower Upper
84 100
86 65.3 45.4 84.2
49 106.4 79.2 147.0

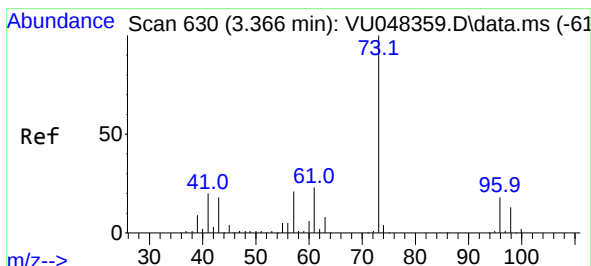
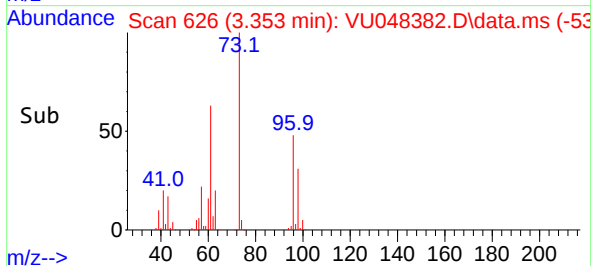
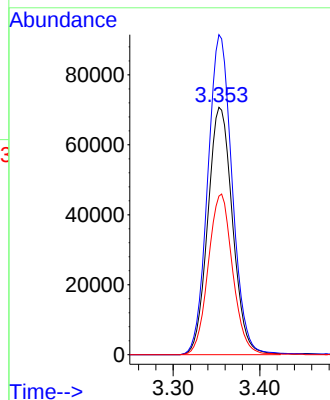
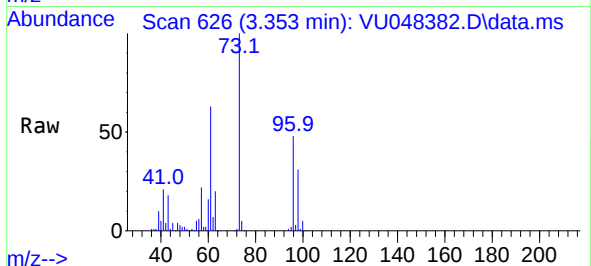




#17
trans-1,2-Dichloroethene
Concen: 47.096 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

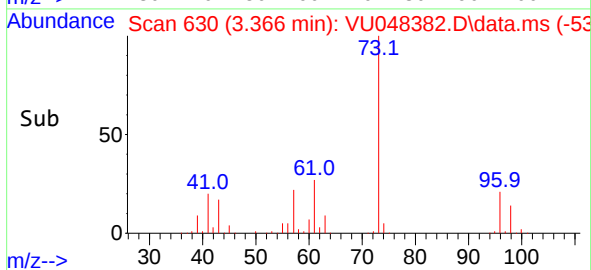
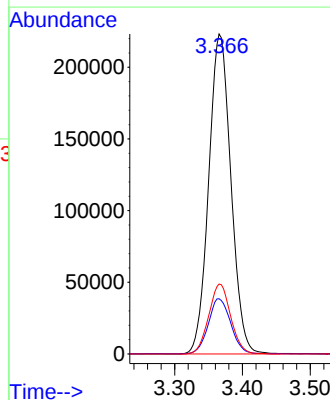
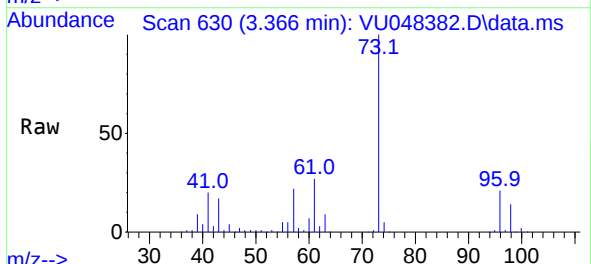
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

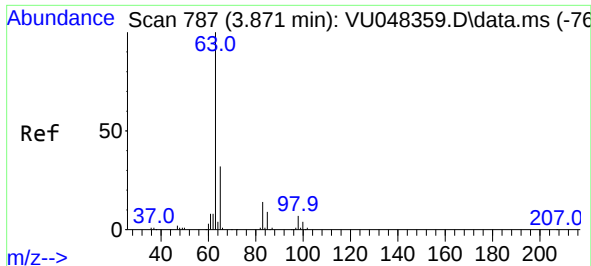
Tgt Ion: 96 Resp: 140432
Ion Ratio Lower Upper
96 100
61 129.4 95.2 176.8
98 64.1 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 51.658 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 73 Resp: 508230
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.6
57 21.6 17.9 26.9

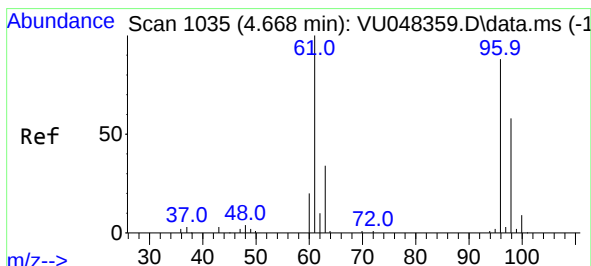
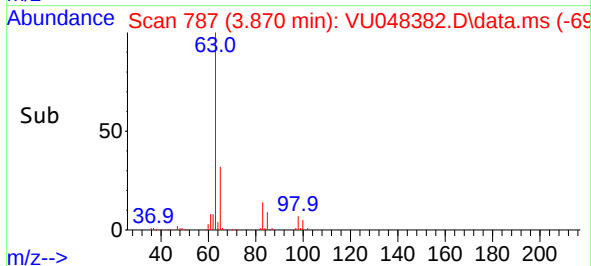
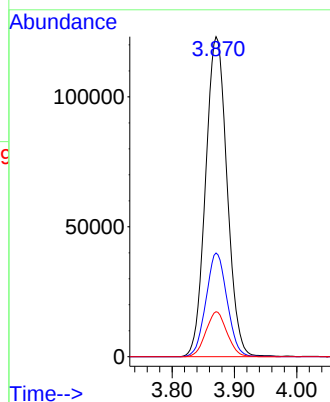
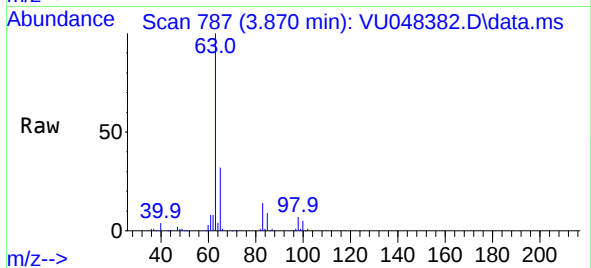




#19
1,1-Dichloroethane
Concen: 47.240 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

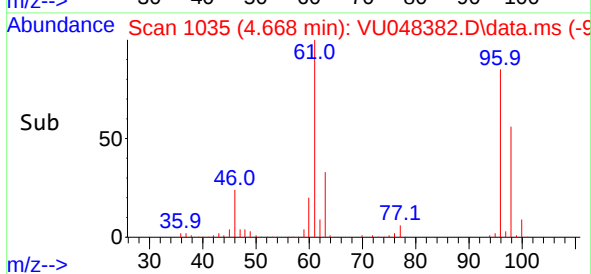
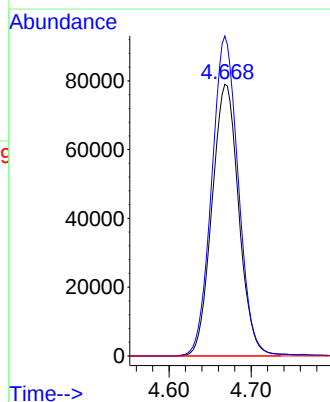
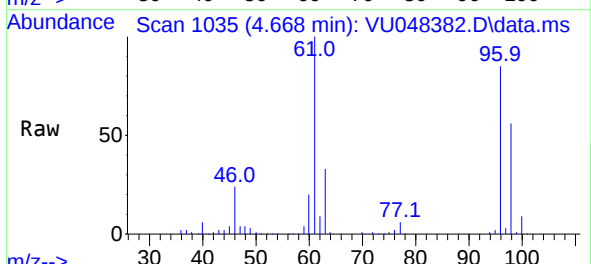
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

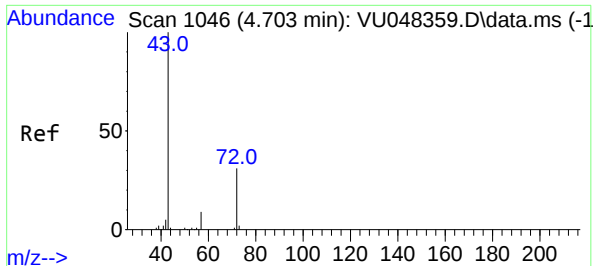
Tgt Ion: 63 Resp: 294559
Ion Ratio Lower Upper
63 100
65 32.4 22.0 40.8
83 14.0 8.8 16.4



#20
cis-1,2-Dichloroethene
Concen: 49.878 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 96 Resp: 179275
Ion Ratio Lower Upper
96 100
61 117.8 87.0 161.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 100.822 ug/L

RT: 4.710 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

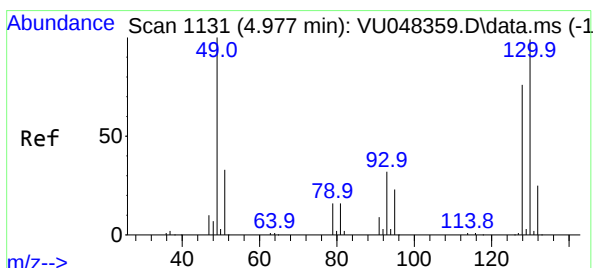
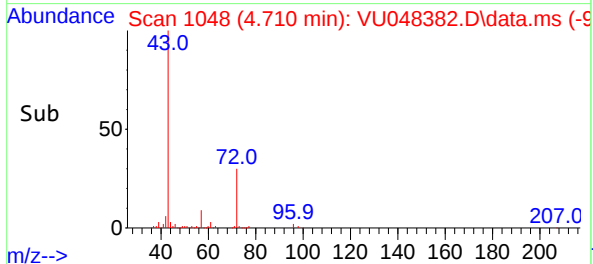
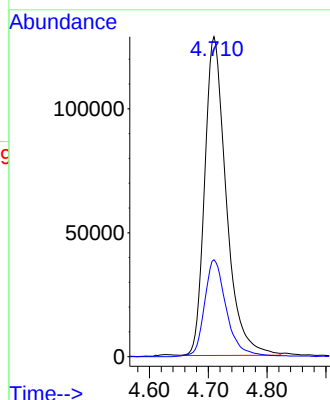
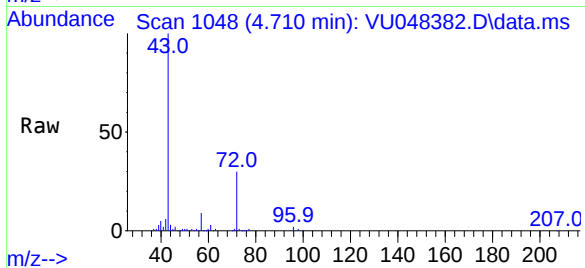
VSTD050111

Tgt Ion: 43 Resp: 327678

Ion Ratio Lower Upper

43 100

72 31.1 14.6 43.8



#23

Bromochloromethane

Concen: 49.013 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Tgt Ion: 128 Resp: 98354

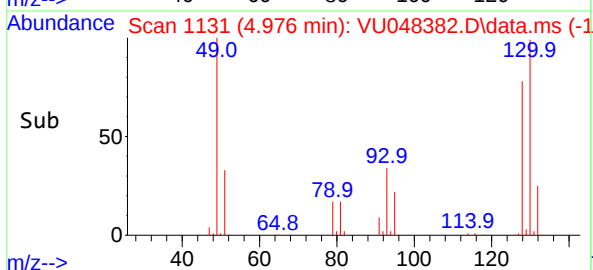
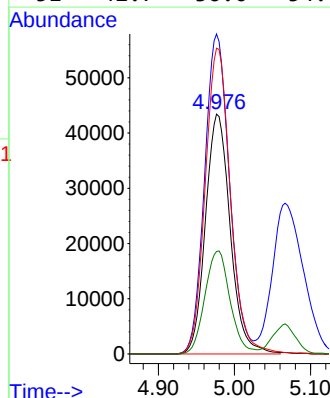
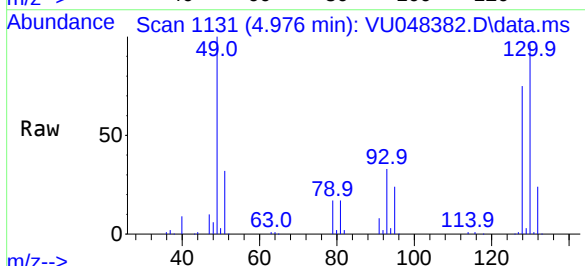
Ion Ratio Lower Upper

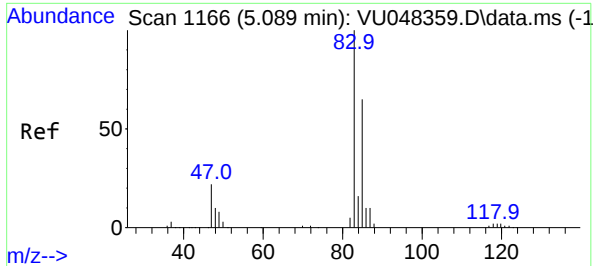
128 100

49 133.4 101.3 188.1

130 127.5 89.0 165.2

51 42.7 36.0 54.0





#25

Chloroform

Concen: 50.230 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

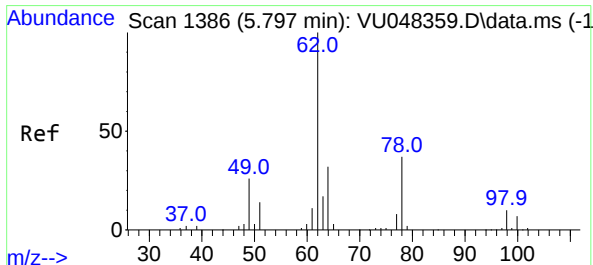
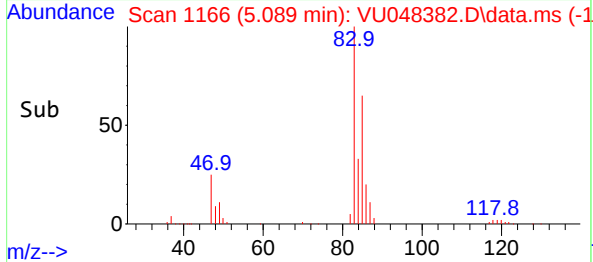
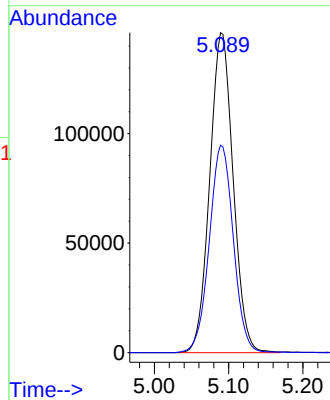
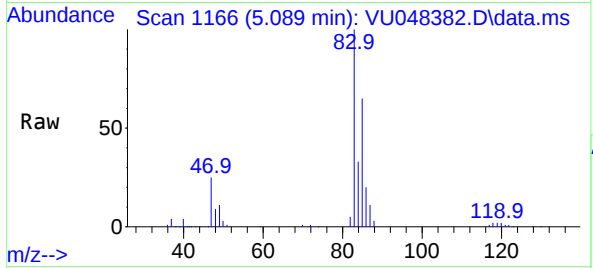
VSTD050111

Tgt Ion: 83 Resp: 319827

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 48.902 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048382.D

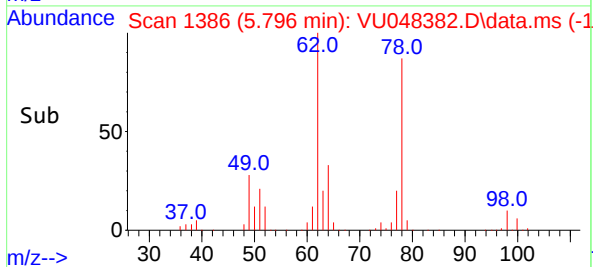
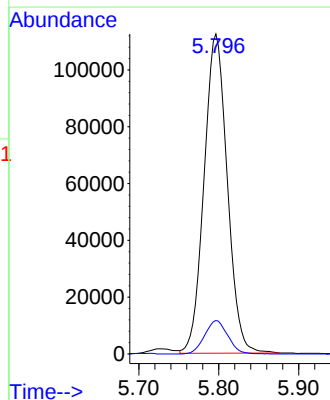
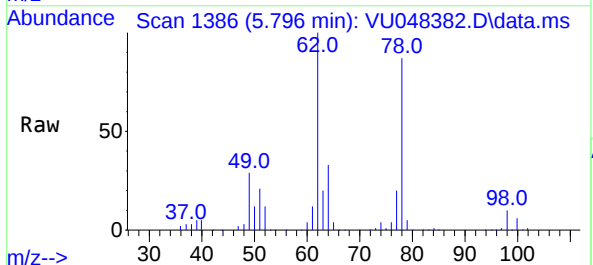
Acq: 03 May 2022 09:38

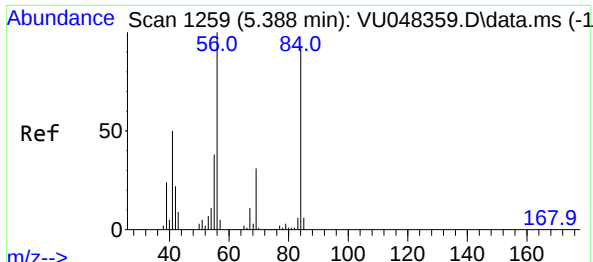
Tgt Ion: 62 Resp: 227116

Ion Ratio Lower Upper

62 100

98 10.5 8.5 12.7

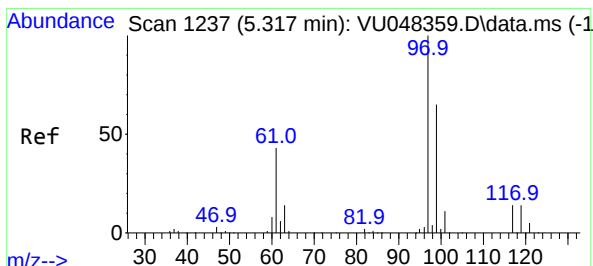
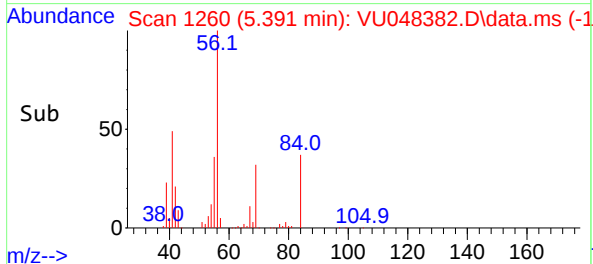
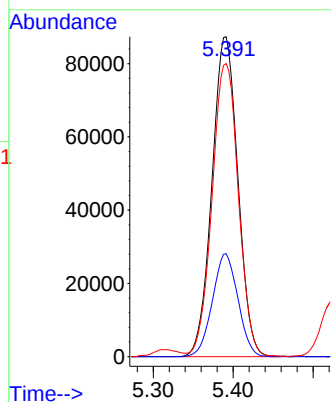
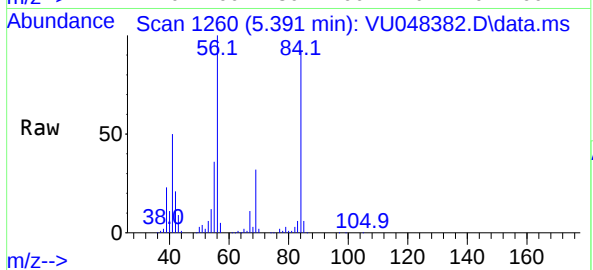




#29
Cyclohexane
Concen: 47.045 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

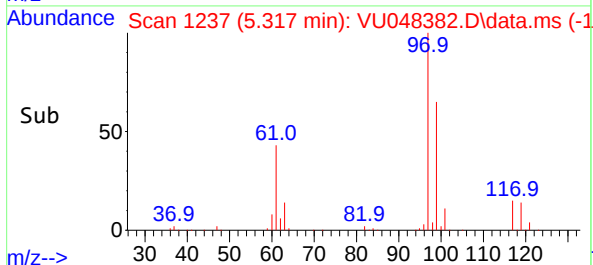
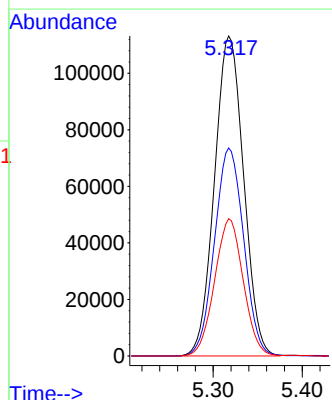
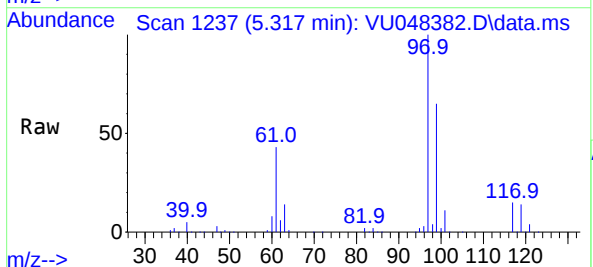
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

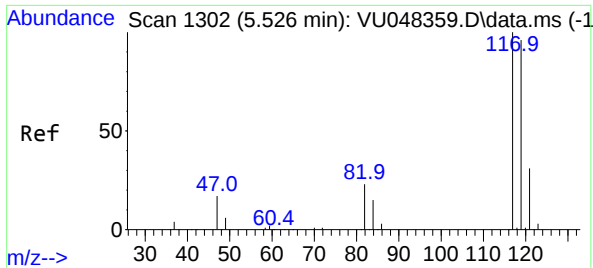
Tgt Ion: 56 Resp: 196418
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.4
84 93.1 72.2 108.2



#30
1,1,1-Trichloroethane
Concen: 51.581 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 97 Resp: 257755
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 42.1 33.9 50.9

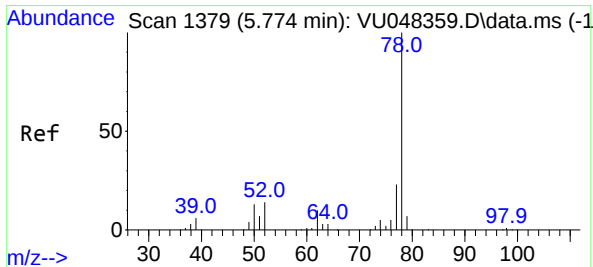
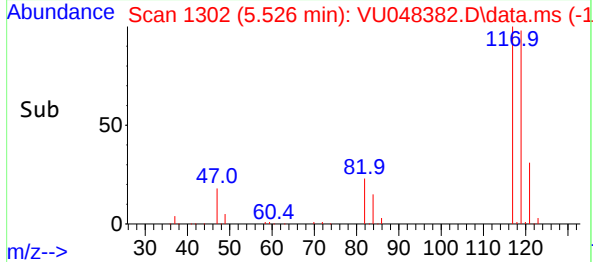
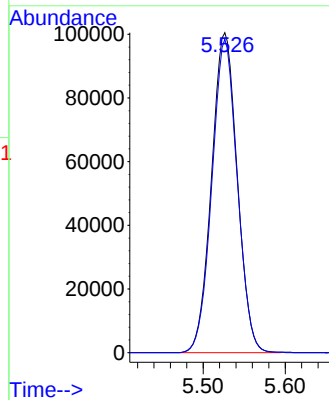
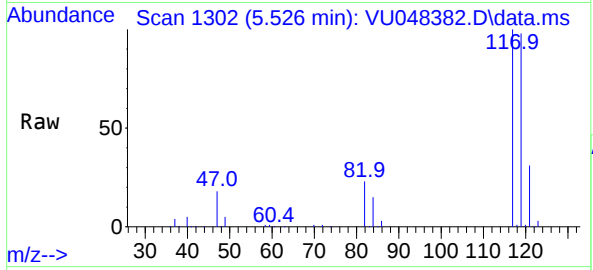




#31
Carbon tetrachloride
Concen: 51.481 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

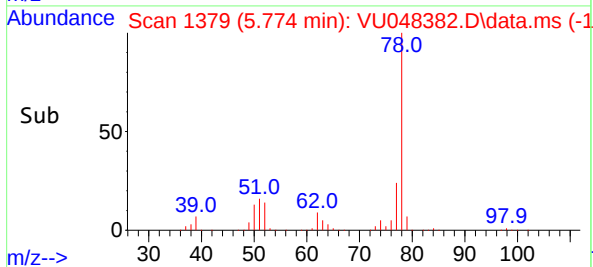
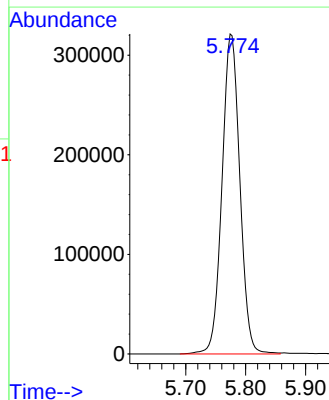
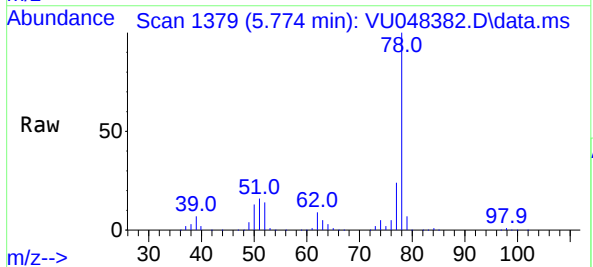
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

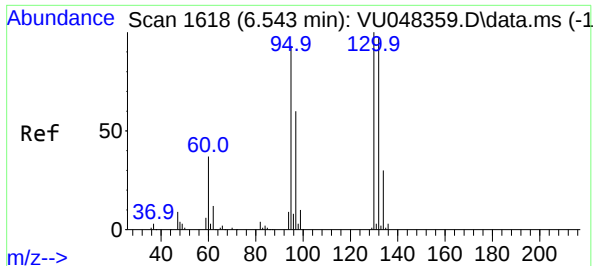
Tgt Ion:117 Resp: 219263
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 50.540 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 78 Resp: 661222





#34

Trichloroethene

Concen: 50.887 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD050111

Tgt Ion: 95 Resp: 163185

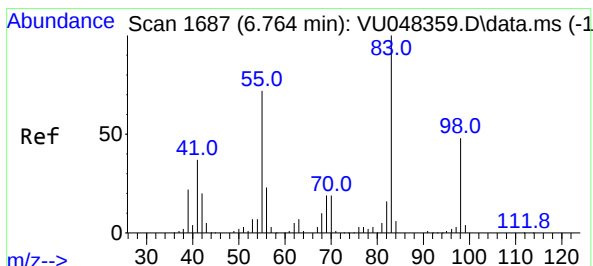
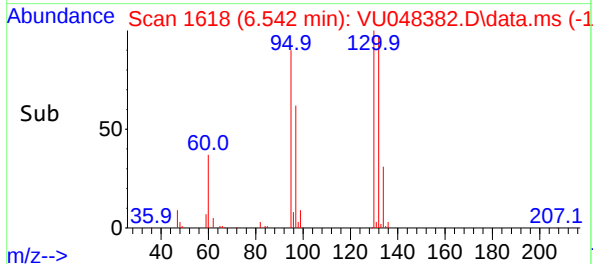
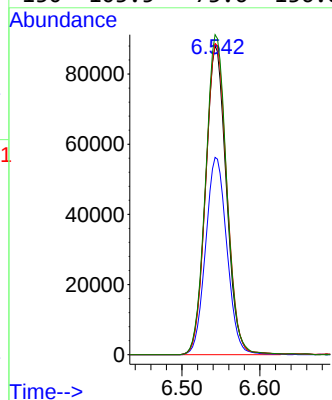
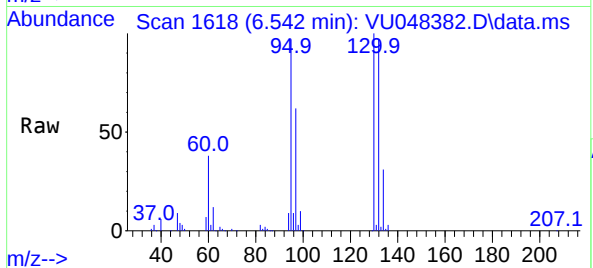
Ion Ratio Lower Upper

95 100

97 63.8 45.8 85.2

132 100.7 71.6 133.0

130 103.5 73.6 136.8



#35

Methylcyclohexane

Concen: 50.226 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

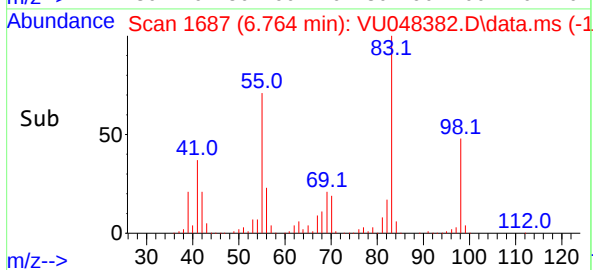
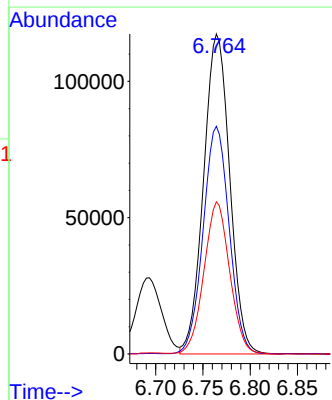
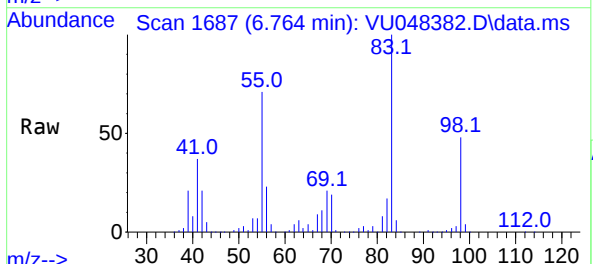
Tgt Ion: 83 Resp: 226129

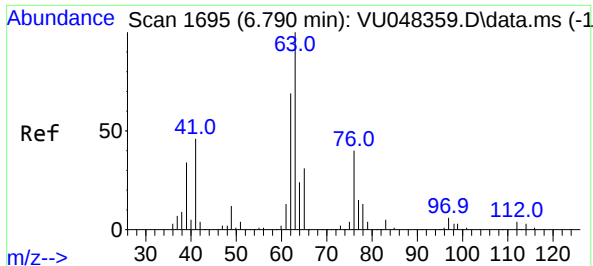
Ion Ratio Lower Upper

83 100

55 70.9 59.4 89.2

98 46.8 37.3 55.9

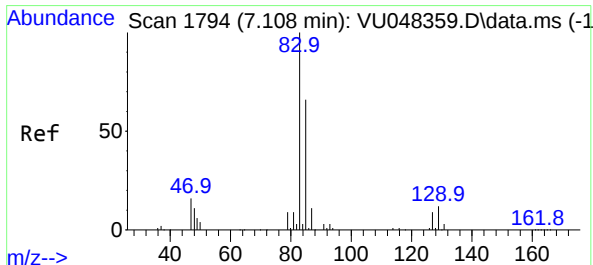
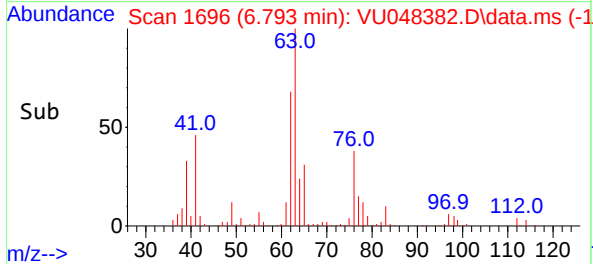
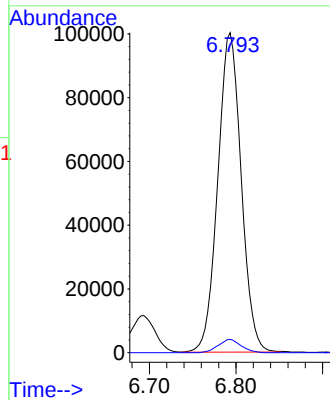
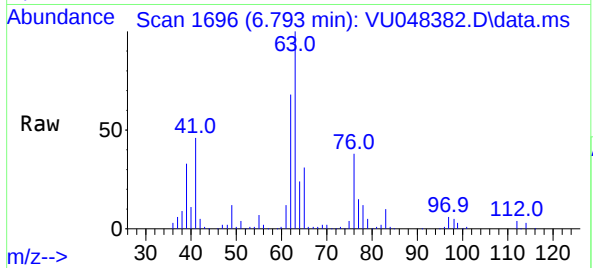




#37
1,2-Dichloropropane
Concen: 50.479 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

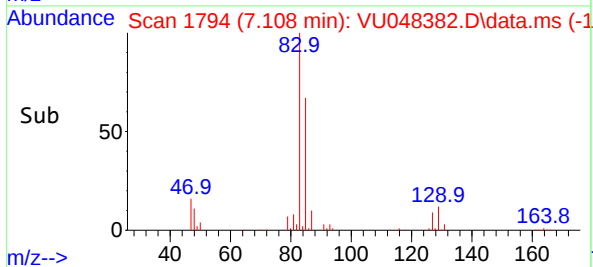
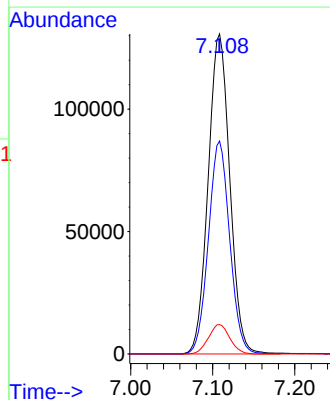
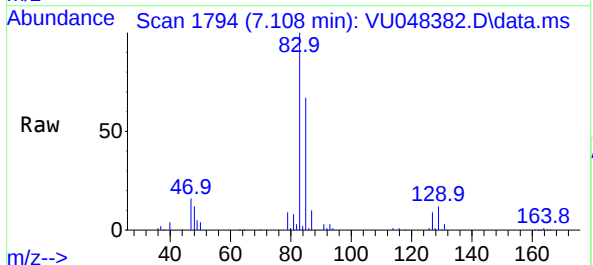
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

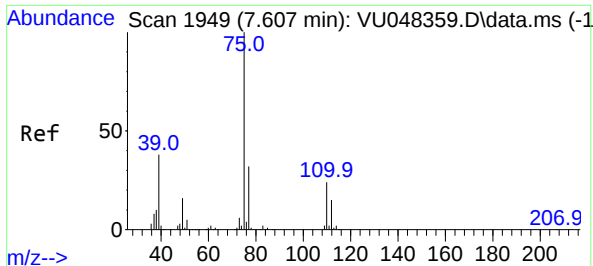
Tgt Ion: 63 Resp: 187902
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7



#38
Bromodichloromethane
Concen: 51.025 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 83 Resp: 239863
Ion Ratio Lower Upper
83 100
85 66.5 45.3 84.1
127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.928 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

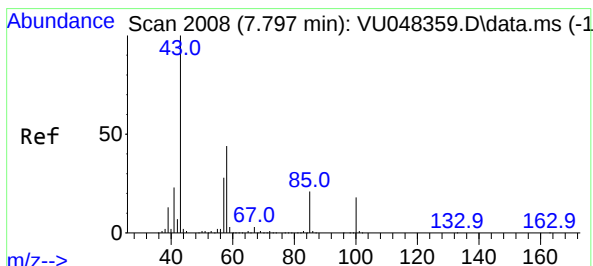
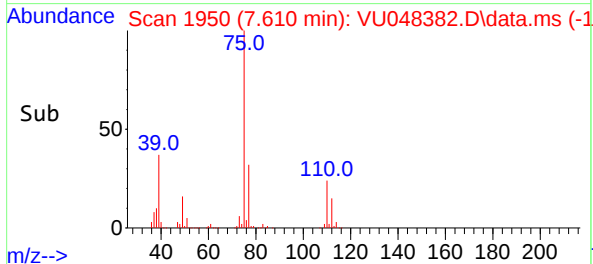
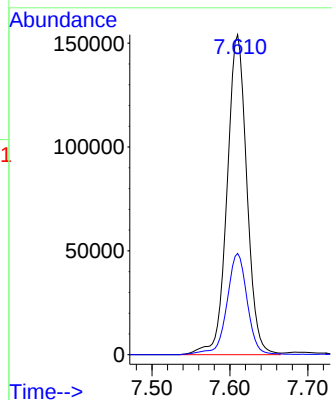
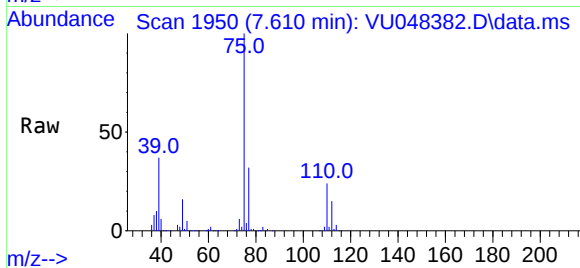
VSTD050111

Tgt Ion: 75 Resp: 271806

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 100.294 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

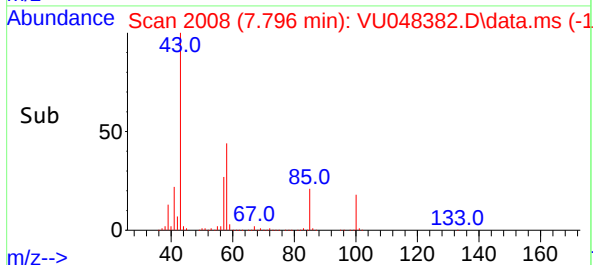
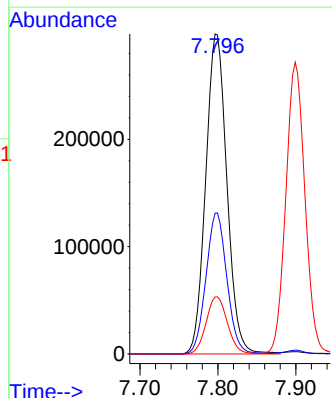
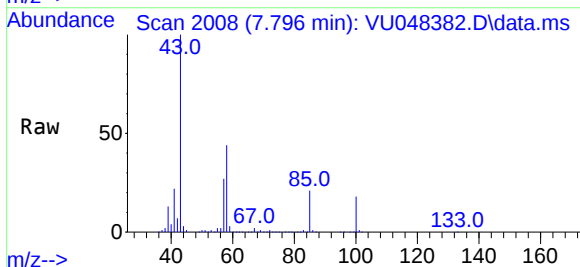
Tgt Ion: 43 Resp: 563082

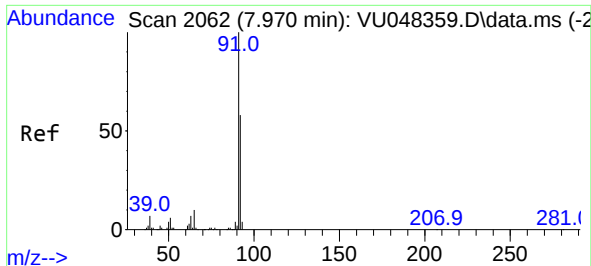
Ion Ratio Lower Upper

43 100

58 43.6 34.4 51.6

100 17.9 13.6 20.4

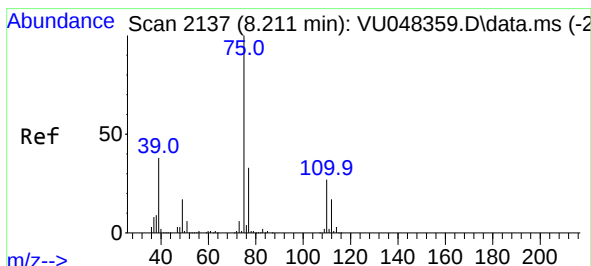
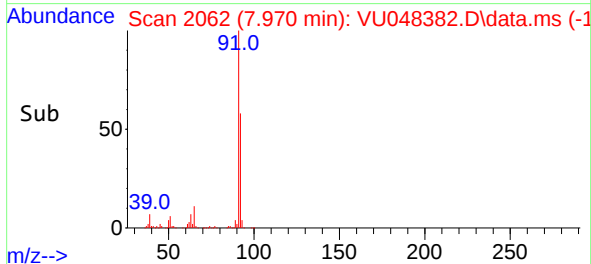
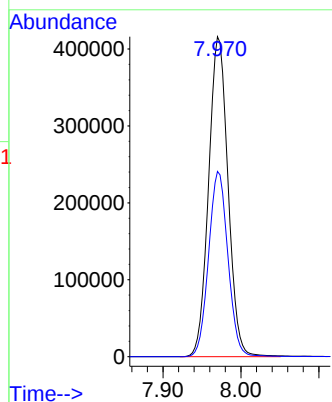
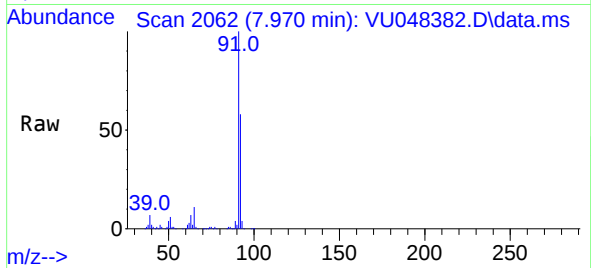




#42
Toluene
Concen: 52.400 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

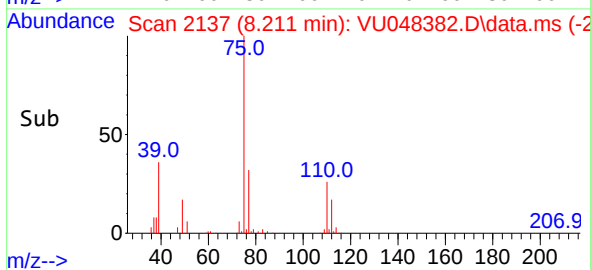
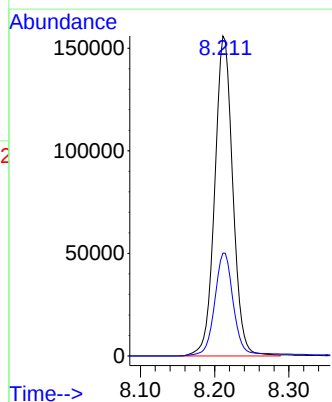
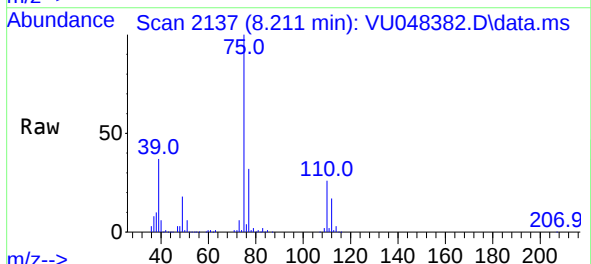
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

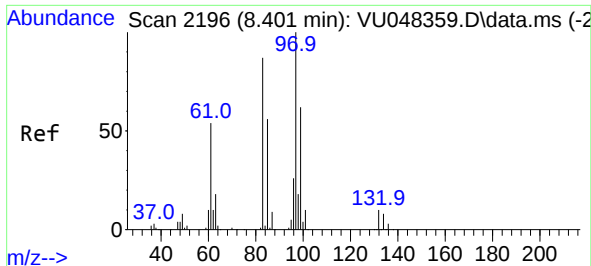
Tgt Ion: 91 Resp: 719767
Ion Ratio Lower Upper
91 100
92 57.9 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 51.533 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 75 Resp: 263515
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1



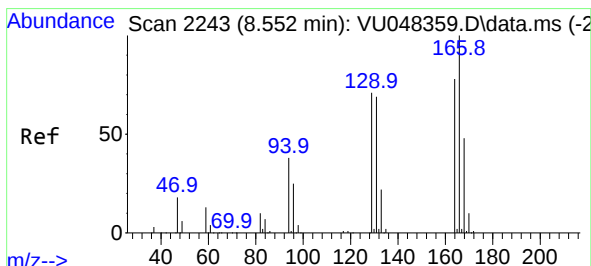
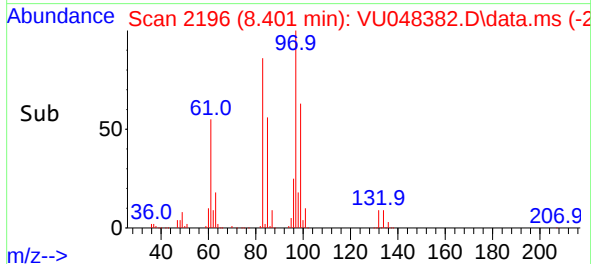
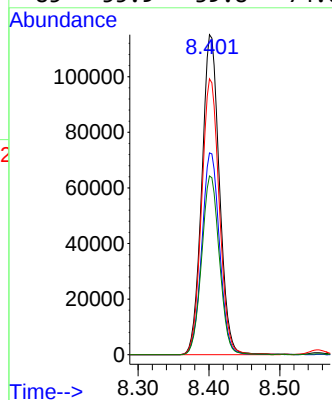
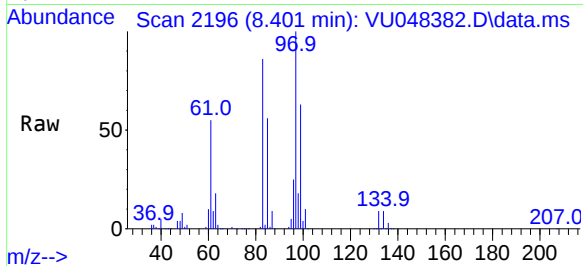


#45
1,1,2-Trichloroethane
Concen: 50.721 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

Tgt Ion: 97 Resp: 198085

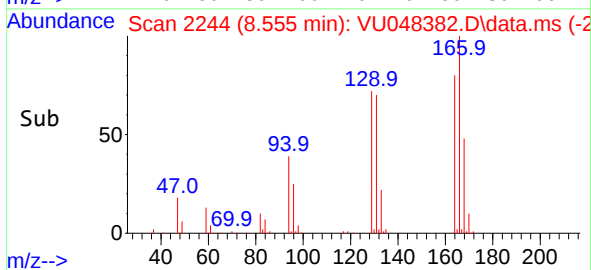
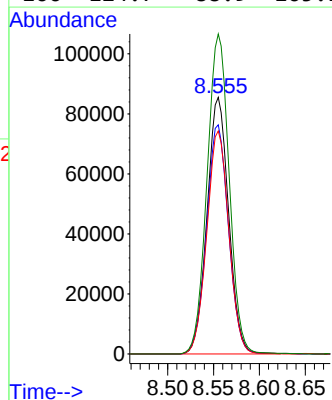
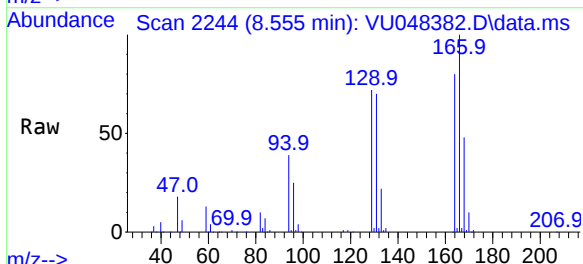
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.7	81.1
83	86.2	62.6	116.2
85	55.9	39.8	74.0

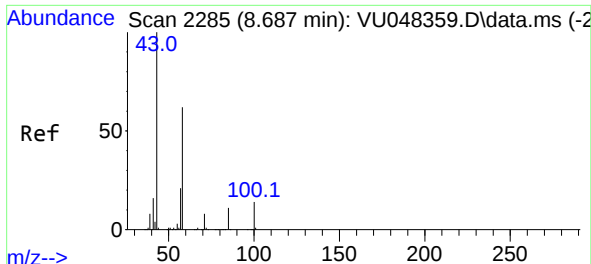


#46
Tetrachloroethene
Concen: 51.042 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 164 Resp: 140480

Ion	Ratio	Lower	Upper
164	100		
129	89.3	63.3	117.7
131	86.9	61.2	113.6
166	124.7	88.9	165.1

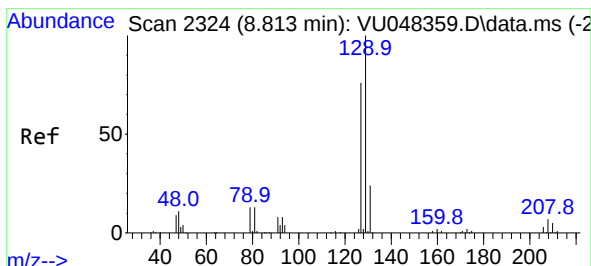
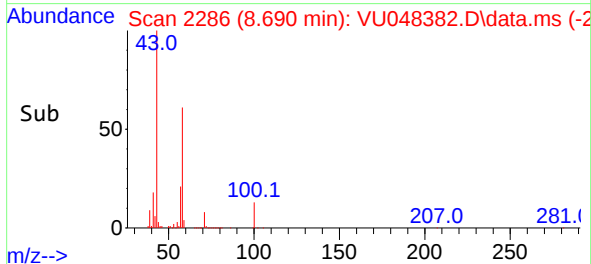
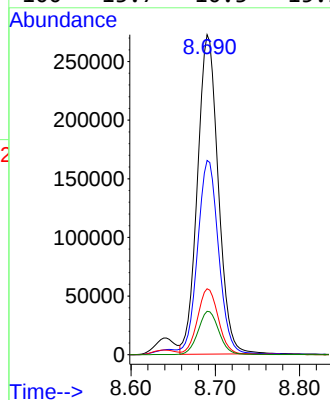
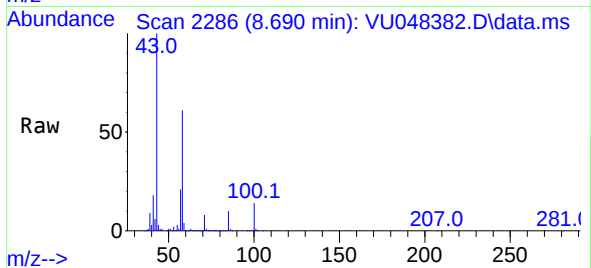




#48
2-Hexanone
Concen: 100.002 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

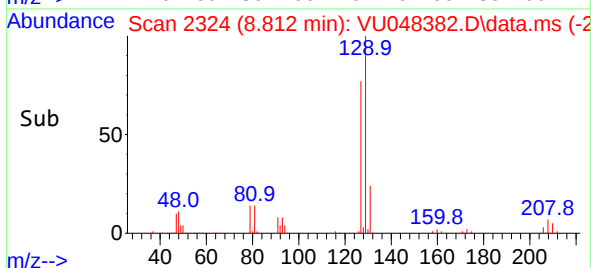
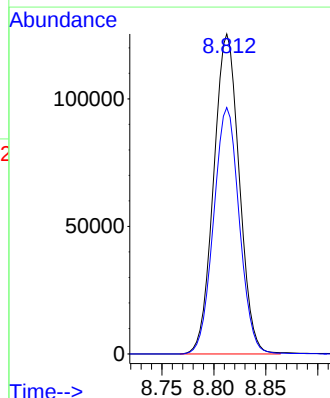
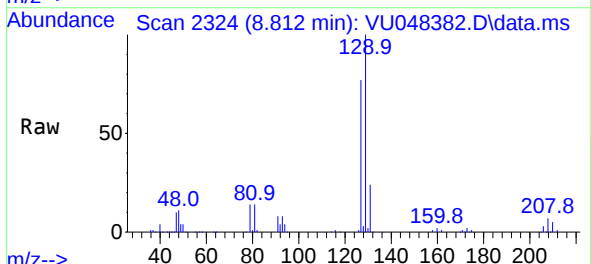
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

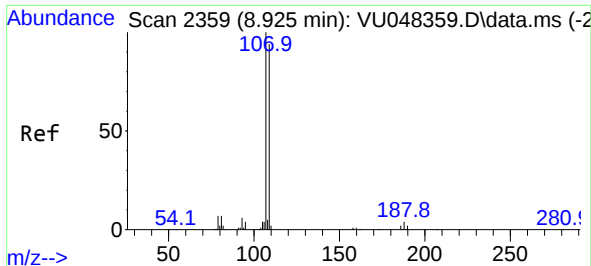
Tgt Ion: 43 Resp: 468844
Ion Ratio Lower Upper
43 100
58 61.3 48.1 72.1
57 20.8 16.2 24.4
100 13.7 10.3 15.5



#49
Dibromochloromethane
Concen: 50.109 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 129 Resp: 215044
Ion Ratio Lower Upper
129 100
127 77.0 53.8 99.8





#50

1,2-Dibromoethane

Concen: 50.892 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD050111

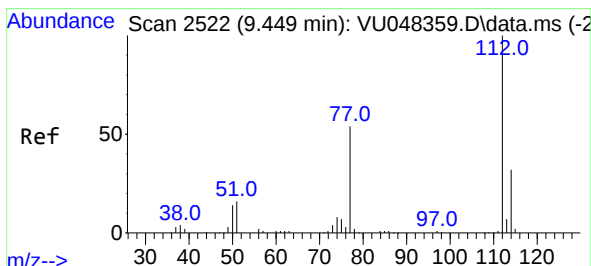
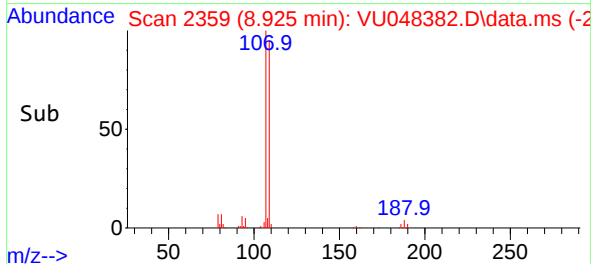
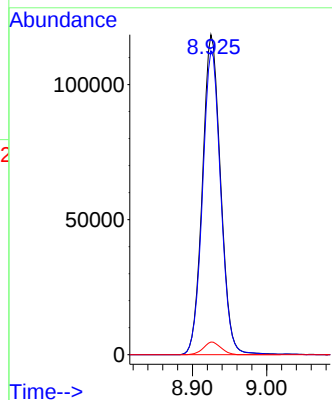
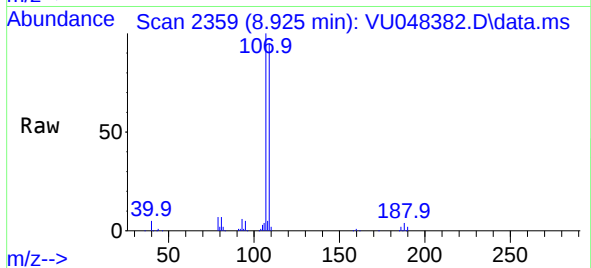
Tgt Ion:107 Resp: 201556

Ion Ratio Lower Upper

107 100

109 94.9 65.0 120.8

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 50.003 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

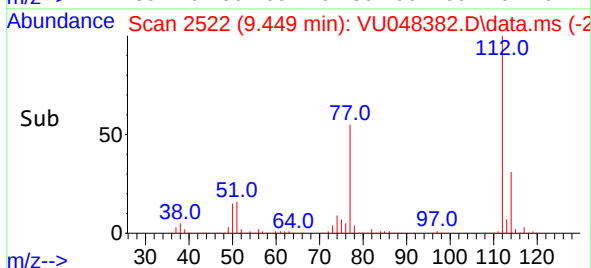
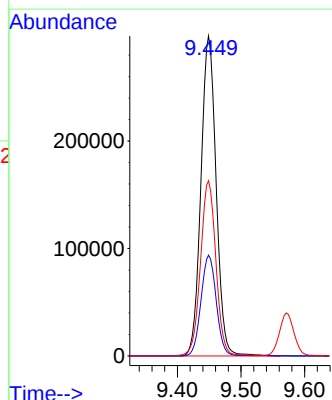
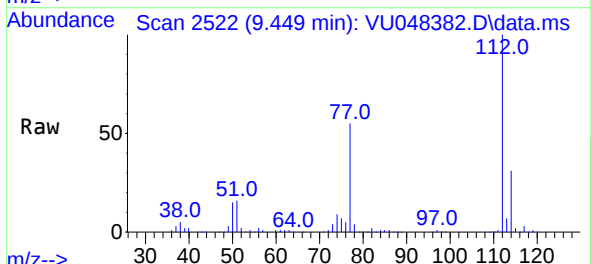
Tgt Ion:112 Resp: 495083

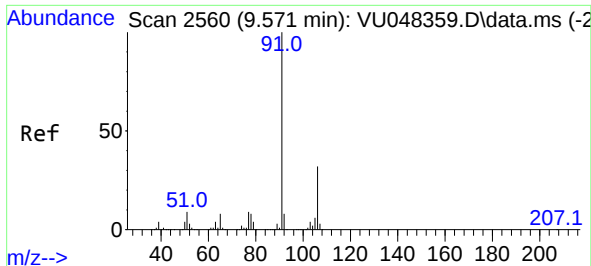
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.1

77 54.8 44.3 66.5

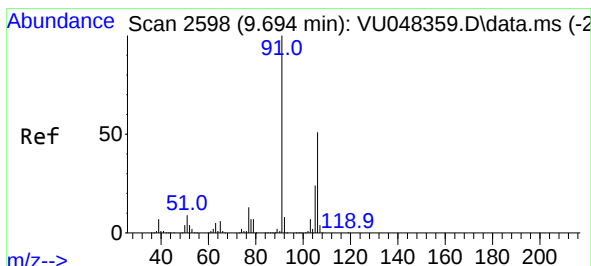
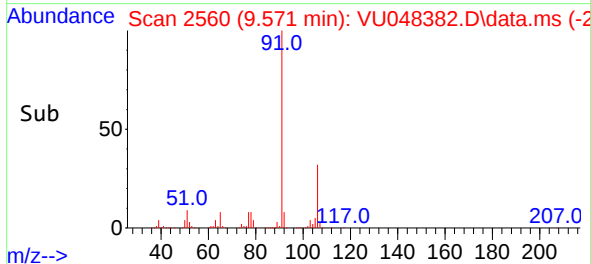
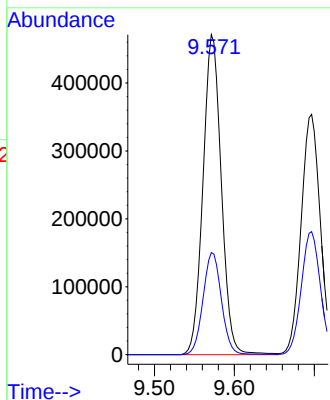
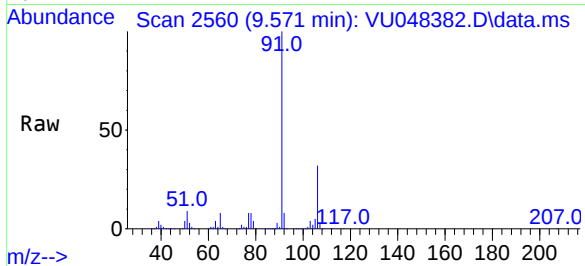




#52
Ethylbenzene
Concen: 52.824 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

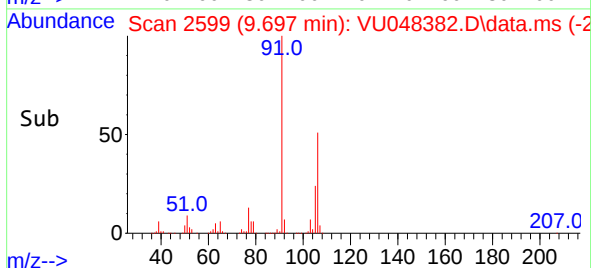
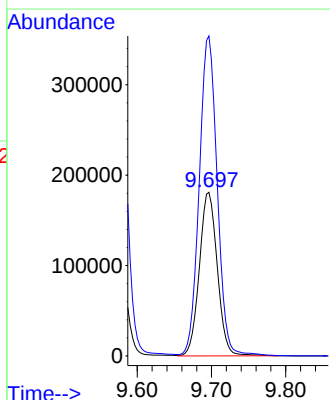
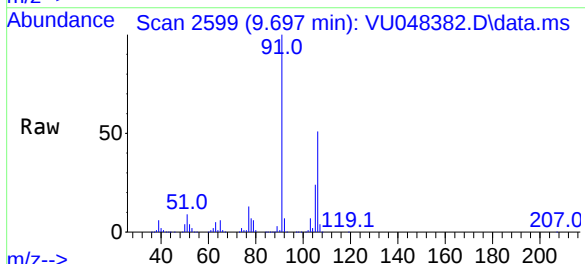
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

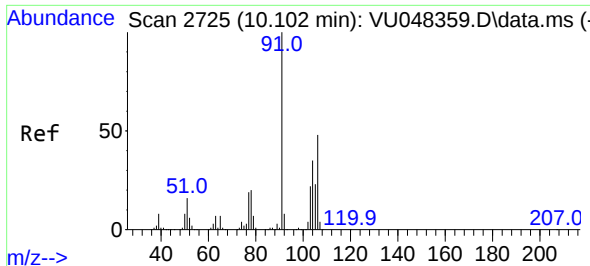
Tgt Ion: 91 Resp: 751445
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.9



#53
m,p-Xylene
Concen: 53.995 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion: 106 Resp: 303107
Ion Ratio Lower Upper
106 100
91 195.4 137.4 255.2

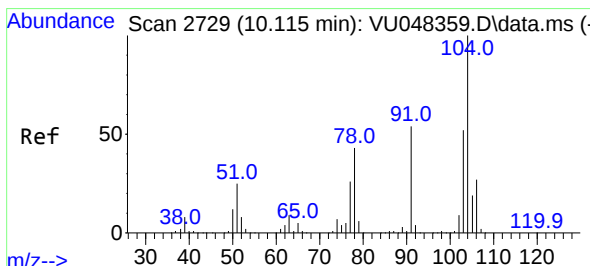
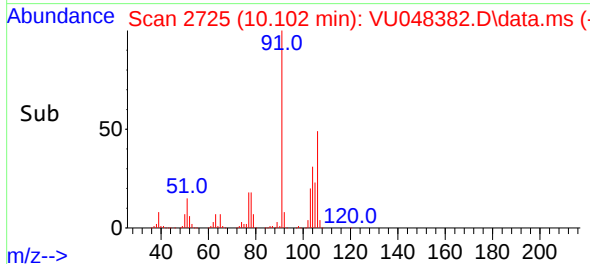
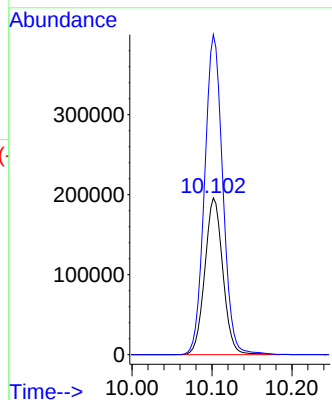
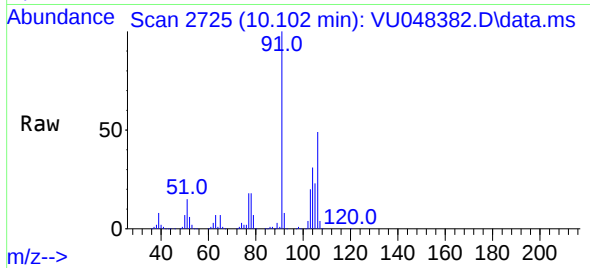




#54
o-Xylene
Concen: 54.505 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

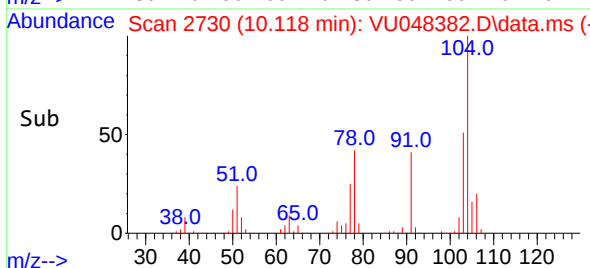
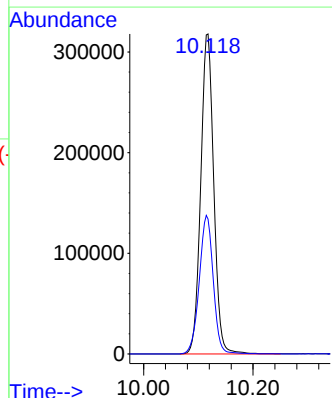
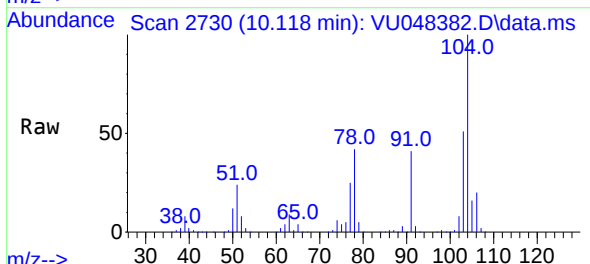
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

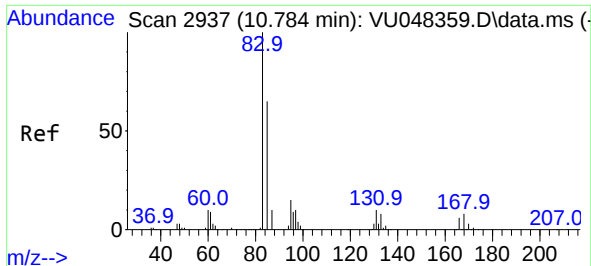
Tgt Ion:106 Resp: 308238
Ion Ratio Lower Upper
106 100
91 204.0 145.3 269.8



#55
Styrene
Concen: 54.497 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:104 Resp: 525031
Ion Ratio Lower Upper
104 100
78 42.2 30.3 56.3

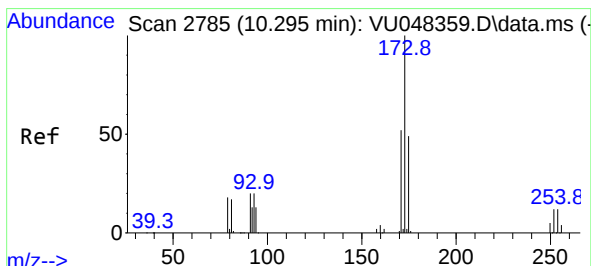
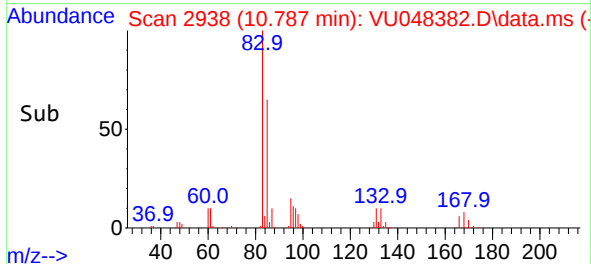
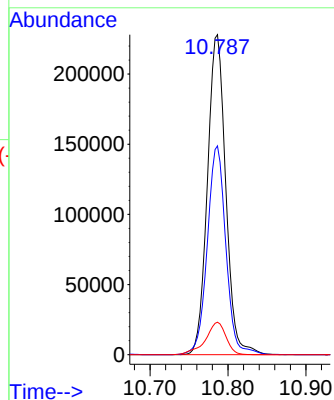
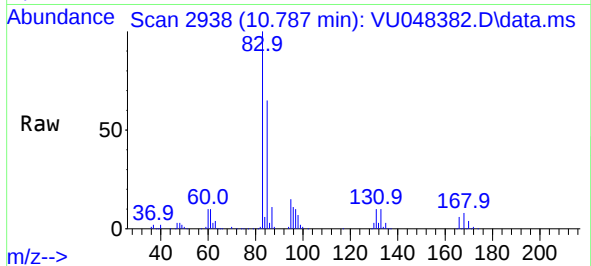




#57
1,1,2,2-Tetrachloroethane
Concen: 48.384 ug/L
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

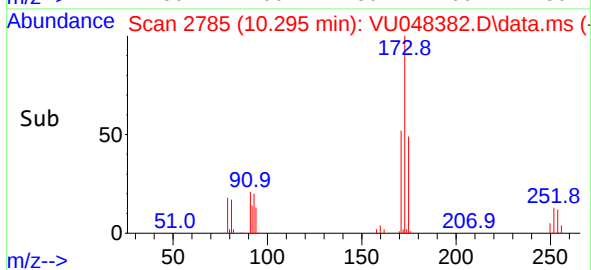
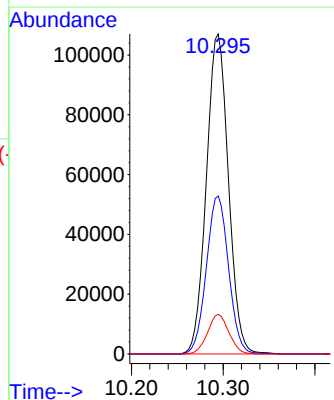
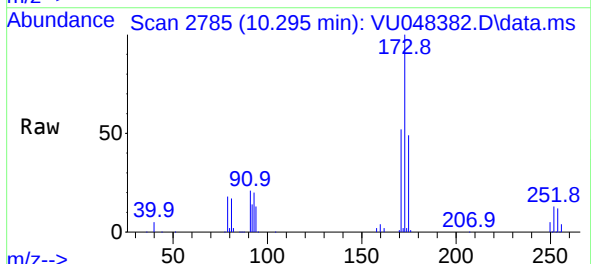
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

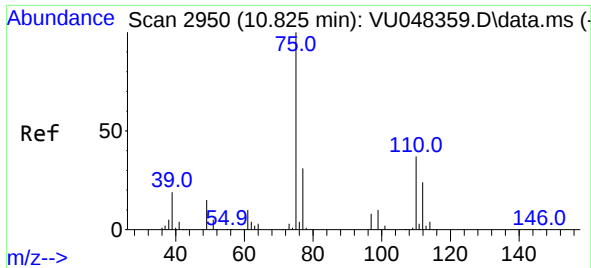
Tgt Ion: 83 Resp: 372933
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 10.2 7.8 11.6



#59
Bromoform
Concen: 50.016 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:173 Resp: 179114
Ion Ratio Lower Upper
173 100
175 49.7 38.9 58.3
254 11.9 9.5 14.3

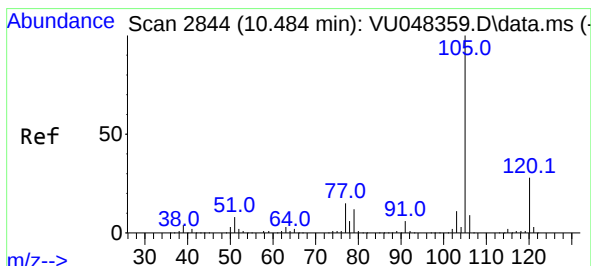
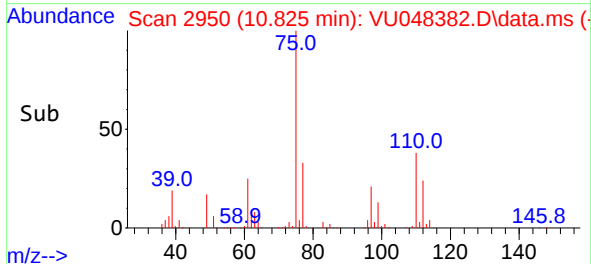
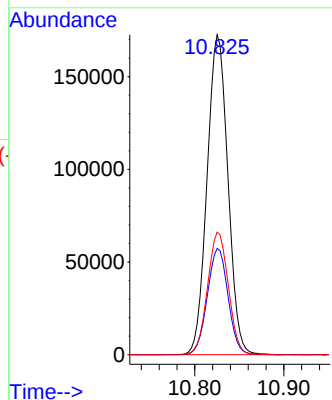
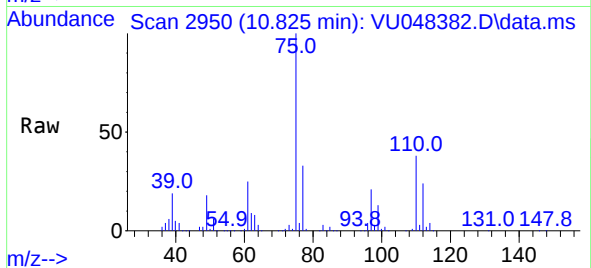




#60
1,2,3-Trichloropropane
Concen: 48.660 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

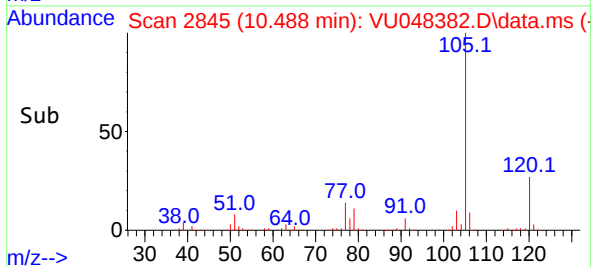
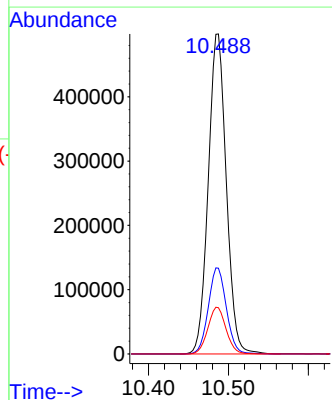
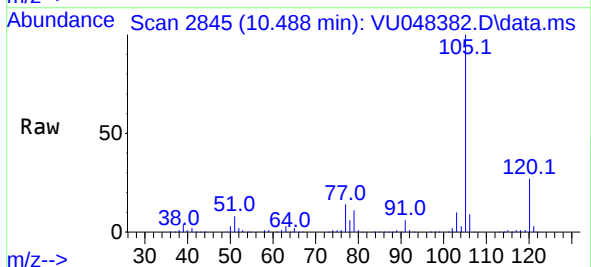
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

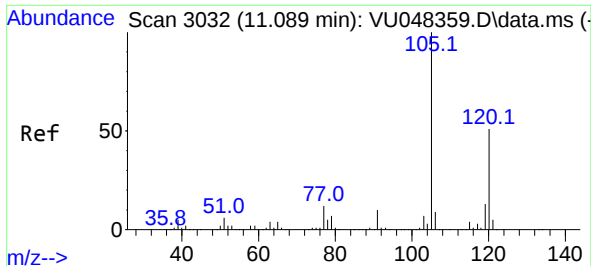
Tgt Ion: 75 Resp: 280113
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
110 38.3 29.9 44.9



#61
Isopropylbenzene
Concen: 56.617 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:105 Resp: 781141
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 14.7 11.7 17.5

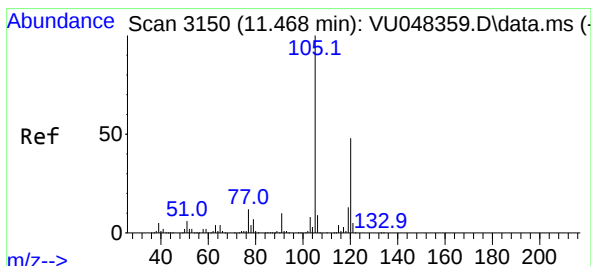
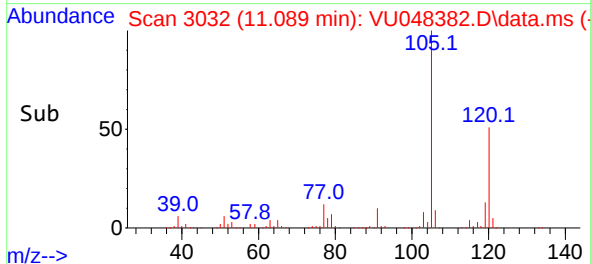
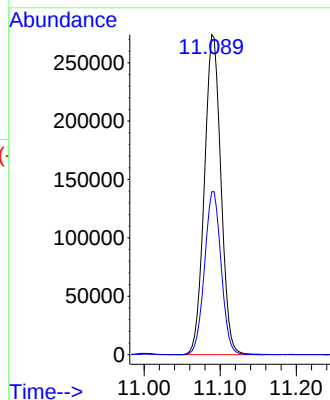
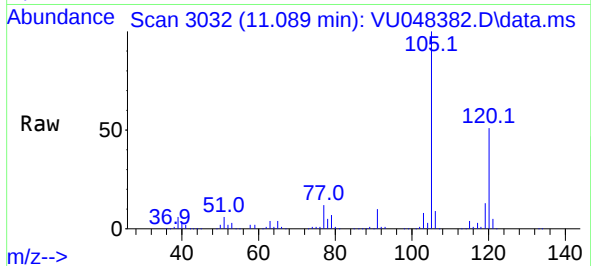




#62
1,3,5-Trimethylbenzene
Concen: 56.900 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

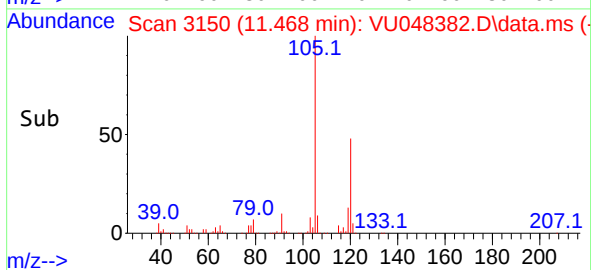
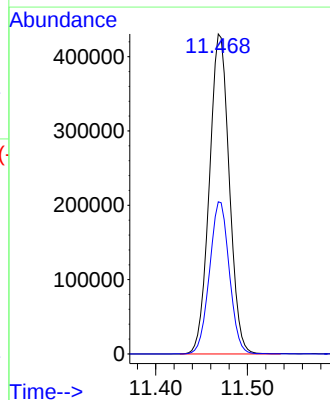
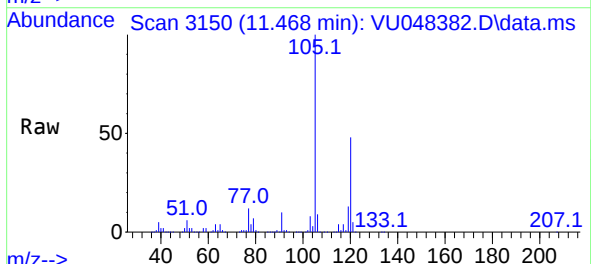
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

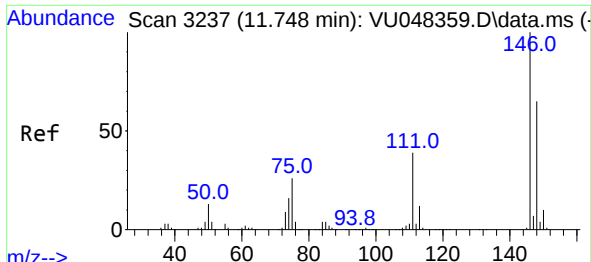
Tgt Ion:105 Resp: 413772
Ion Ratio Lower Upper
105 100
120 51.2 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 58.053 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:105 Resp: 649041
Ion Ratio Lower Upper
105 100
120 47.3 38.0 57.0

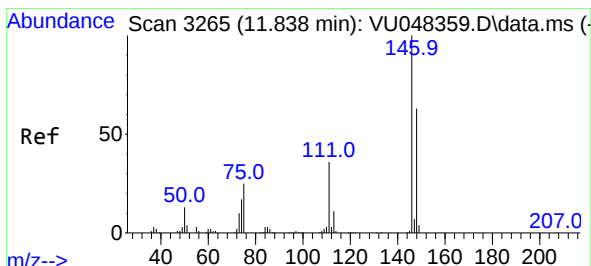
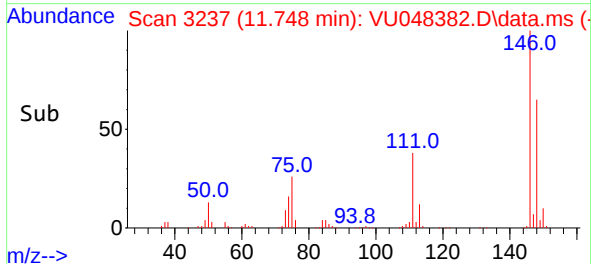
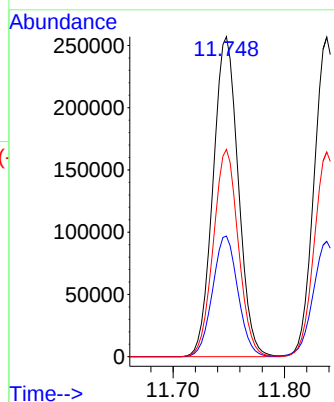
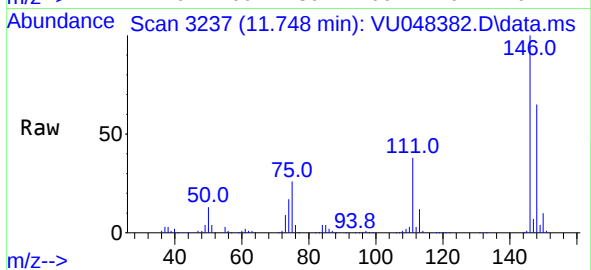




#64
1,3-Dichlorobenzene
Concen: 52.212 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

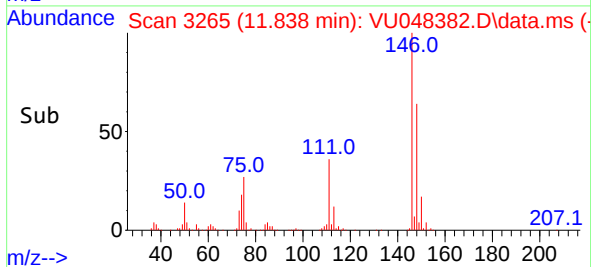
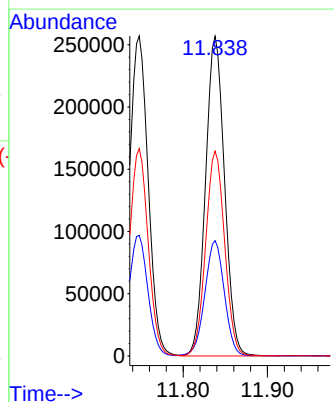
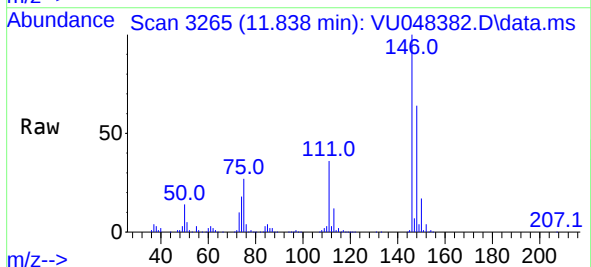
Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

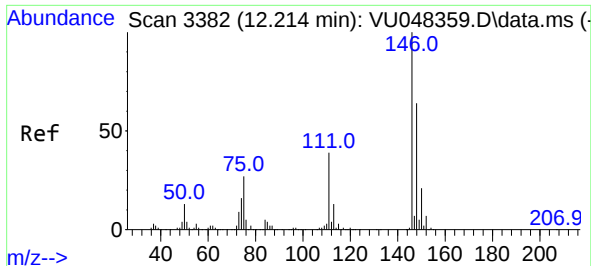
Tgt Ion:146 Resp: 403869
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 64.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 51.084 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:146 Resp: 403401
Ion Ratio Lower Upper
146 100
111 36.1 25.9 48.1
148 64.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 51.490 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD050111

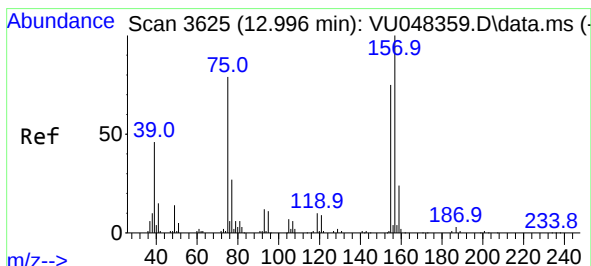
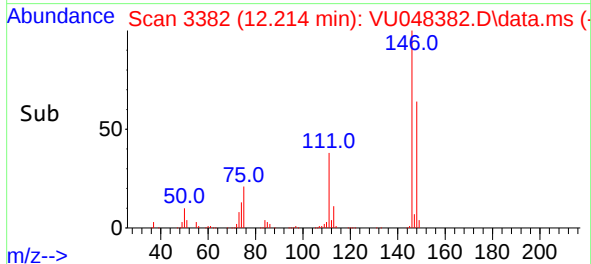
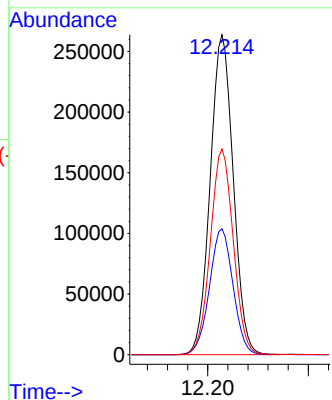
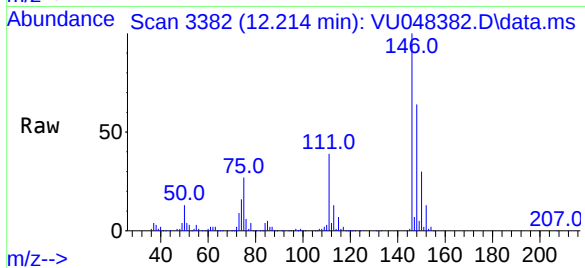
Tgt Ion:146 Resp: 419568

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 64.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.290 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU048382.D

Acq: 03 May 2022 09:38

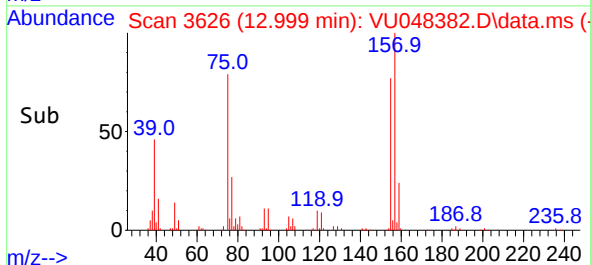
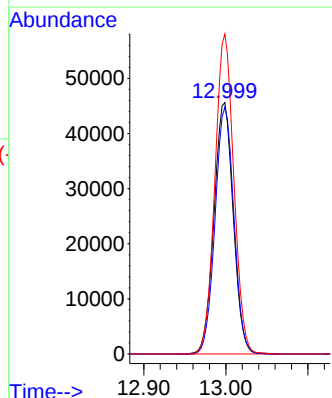
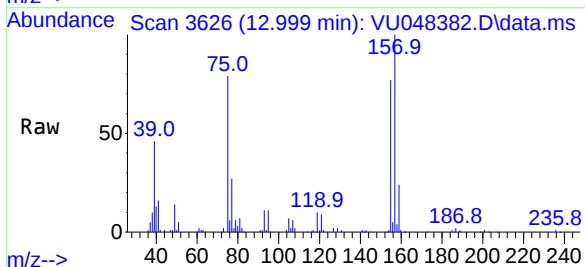
Tgt Ion: 75 Resp: 74209

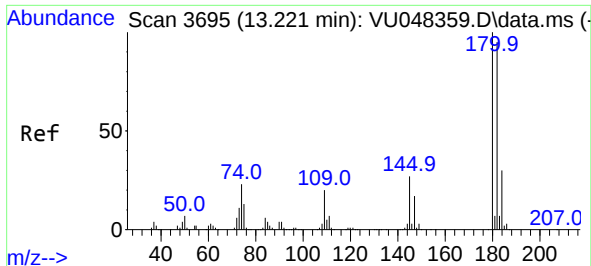
Ion Ratio Lower Upper

75 100

155 98.1 71.8 107.6

157 127.3 93.4 140.2



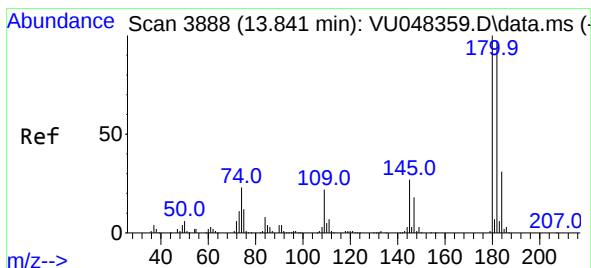
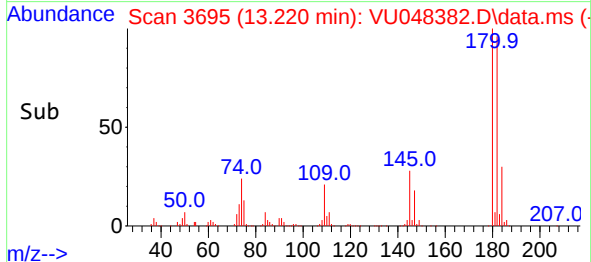
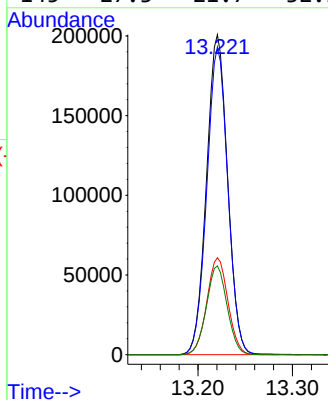
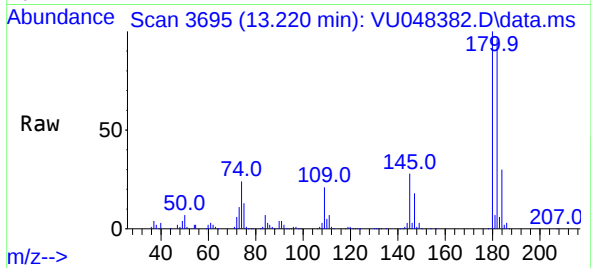


#69
 1,3,5-Trichlorobenzene
 Concen: 54.099 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048382.D
 Acq: 03 May 2022 09:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050111

Tgt Ion:180 Resp: 310948

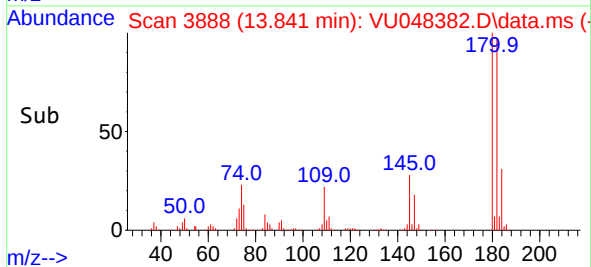
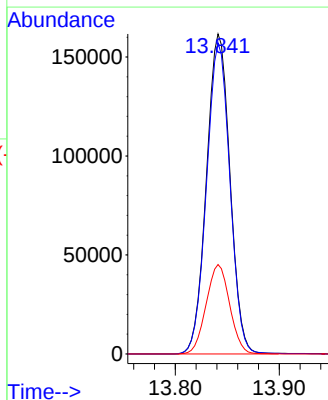
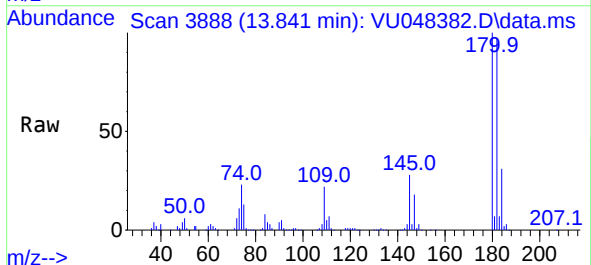
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.4
184	30.4	24.6	37.0
145	27.3	21.7	32.5

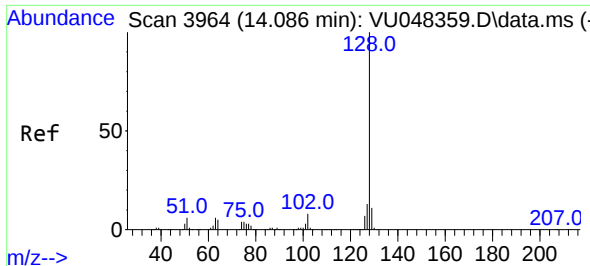


#70
 1,2,4-trichlorobenzene
 Concen: 56.021 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048382.D
 Acq: 03 May 2022 09:38

Tgt Ion:180 Resp: 254384

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	27.9	22.6	33.8

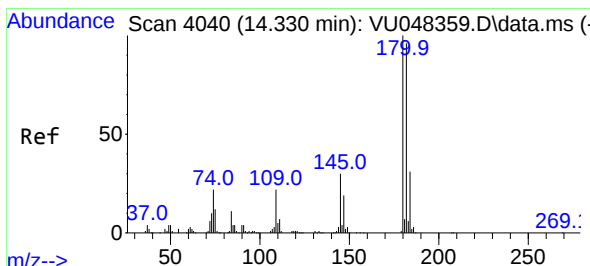
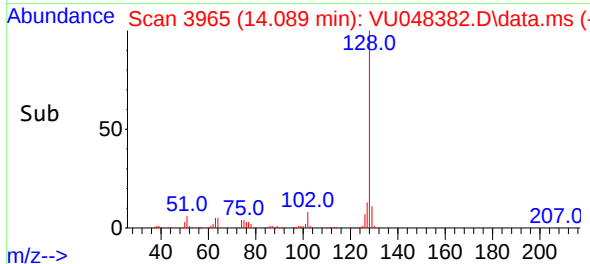
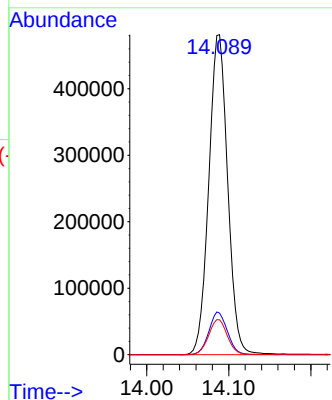
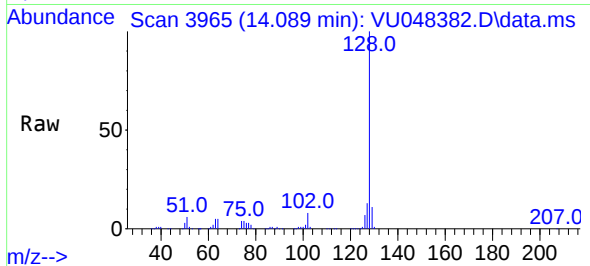




#71
Naphthalene
Concen: 59.146 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD050111

Tgt Ion:128 Resp: 768603
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 58.115 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048382.D
Acq: 03 May 2022 09:38

Tgt Ion:180 Resp: 270445
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 29.2 23.5 35.3

