

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051078.D
 Acq On : 03 Oct 2022 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050105

Quant Time: Oct 03 23:31:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	390118	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	207887	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	196566	49.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.440%
7) Chloroethane-d5	1.906	69	167458	45.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.568	63	301073	51.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
21) 2-Butanone-d5	4.616	46	252359	98.413	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.410%
24) Chloroform-d	5.060	84	355011	55.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.460%
26) 1,2-Dichloroethane-d4	5.700	65	216565	54.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.860%
32) Benzene-d6	5.726	84	705425	60.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.940%
36) 1,2-Dichloropropane-d6	6.690	67	227042	59.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.960%
41) Toluene-d8	7.896	98	647380	60.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.140%#
43) trans-1,3-Dichloroprop...	8.179	79	98565	54.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.180%
47) 2-Hexanone-d5	8.632	63	140166	91.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.700%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	354358	53.564	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	237722	53.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	164752	50.362	ug/L	99
3) Chloromethane	1.520	50	194713	50.378	ug/L	99
5) Vinyl chloride	1.604	62	197949	48.257	ug/L	100
6) Bromomethane	1.845	94	132097	38.878	ug/L	96
8) Chloroethane	1.928	64	127866	42.451	ug/L	99
9) Trichlorofluoromethane	2.137	101	247101	44.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	153096	51.405	ug/L	99
12) 1,1-Dichloroethene	2.578	96	138068	49.629	ug/L	97
13) Acetone	2.620	43	275988	134.782	ug/L	99
14) Carbon disulfide	2.793	76	434851	52.878	ug/L	99
15) Methyl Acetate	2.945	43	179907	48.124	ug/L	98
16) Methylene chloride	3.044	84	189699	47.500	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	147360	49.789	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	440932	49.023	ug/L	99
19) 1,1-Dichloroethane	3.867	63	293221	52.156	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	172166	52.098	ug/L	99
22) 2-Butanone	4.694	43	307406	108.657	ug/L	97
23) Bromochloromethane	4.973	128	93800	51.804	ug/L	97
25) Chloroform	5.086	83	316685	51.787	ug/L	99

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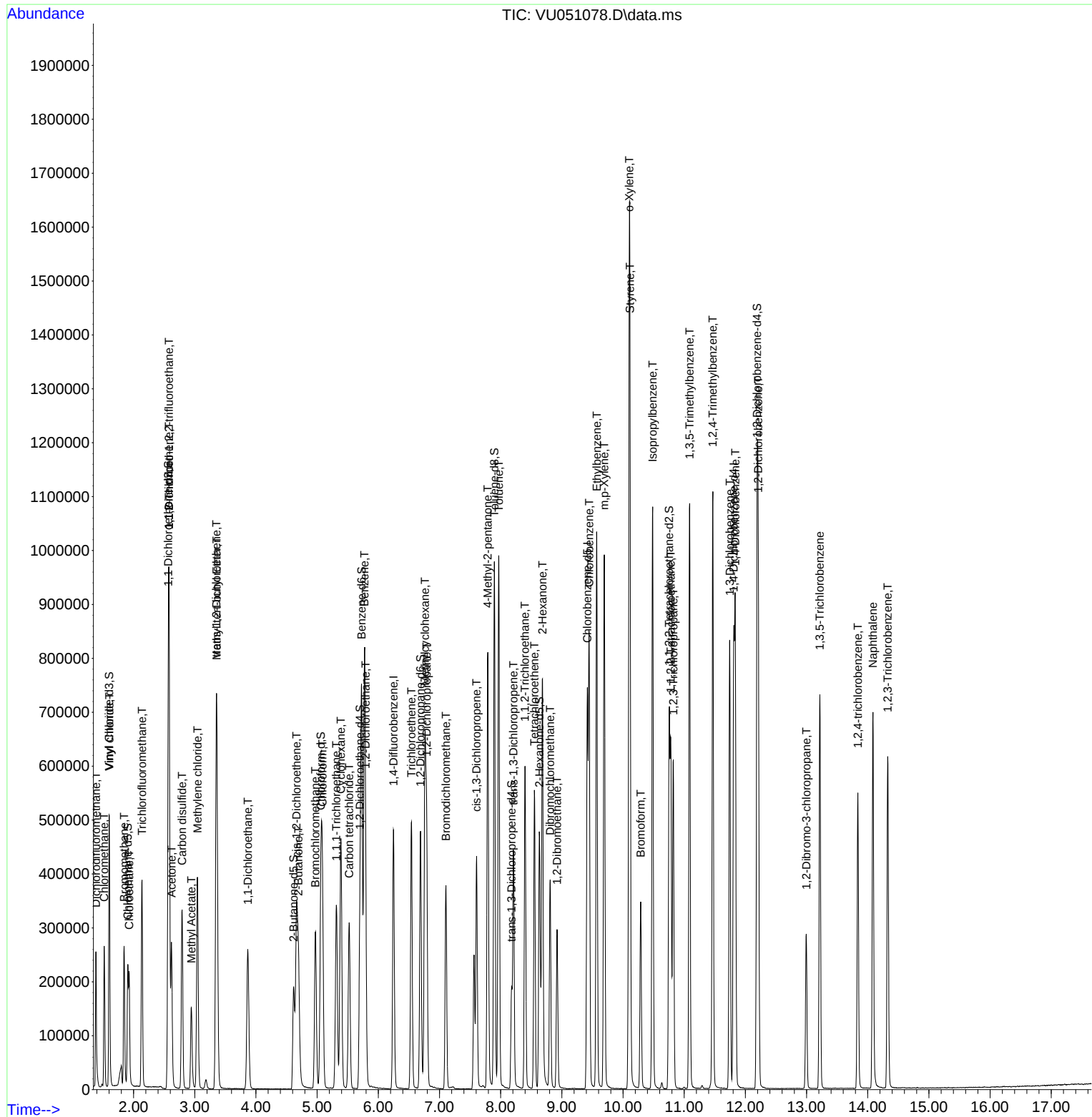
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	242774	51.826	ug/L	99
29) Cyclohexane	5.388	56	206222	53.166	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	248523	53.196	ug/L	99
31) Carbon tetrachloride	5.523	117	210629	55.257	ug/L	99
33) Benzene	5.774	78	688883	56.723	ug/L	100
34) Trichloroethene	6.542	95	170685	54.262	ug/L	99
35) Methylcyclohexane	6.764	83	227996	53.254	ug/L	97
37) 1,2-Dichloropropane	6.790	63	187467	57.322	ug/L	100
38) Bromodichloromethane	7.105	83	247352	56.673	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	251429	54.285	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	496338	104.796	ug/L	99
42) Toluene	7.970	91	736200	56.991	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	243965	52.095	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	183778	51.878	ug/L	98
46) Tetrachloroethene	8.552	164	120897	50.716	ug/L	98
48) 2-Hexanone	8.684	43	448334	104.218	ug/L	98
49) Dibromochloromethane	8.809	129	199116	53.461	ug/L	95
50) 1,2-Dibromoethane	8.922	107	195122	50.802	ug/L	96
51) Chlorobenzene	9.446	112	441221	50.226	ug/L	99
52) Ethylbenzene	9.571	91	703837	51.081	ug/L	99
53) m,p-Xylene	9.693	106	277777	53.609	ug/L	100
54) o-Xylene	10.102	106	274356	52.974	ug/L	98
55) Styrene	10.115	104	496033	55.415	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	316172	50.430	ug/L	98
59) Bromoform	10.288	173	153141	50.066	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	254588	46.537	ug/L	99
61) Isopropylbenzene	10.484	105	677100	50.139	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	568213	51.456	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	587146	53.050	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	339798	48.808	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	345697	49.674	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	359432	50.250	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	74211	46.484	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	223955	47.437	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	168487	43.619	ug/L	100
71) Naphthalene	14.086	128	563911	40.788	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	193161	44.814	ug/L	99

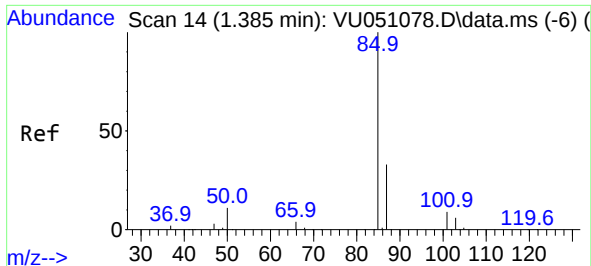
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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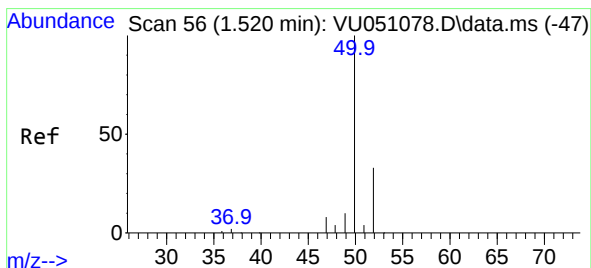
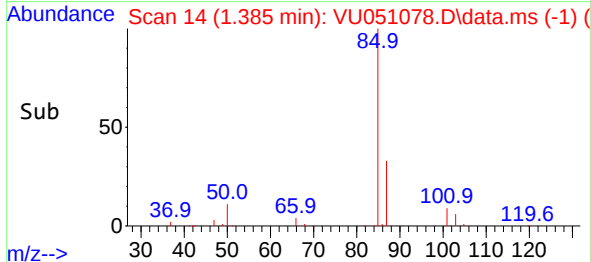
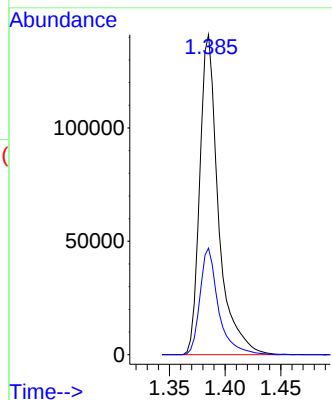
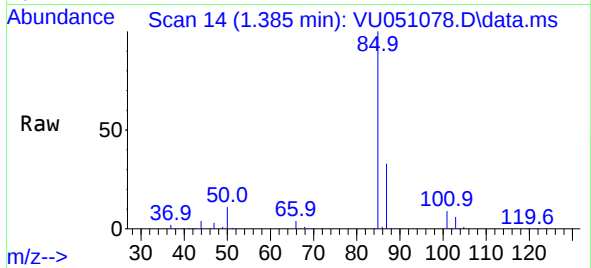




#2
Dichlorodifluoromethane
Concen: 50.362 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

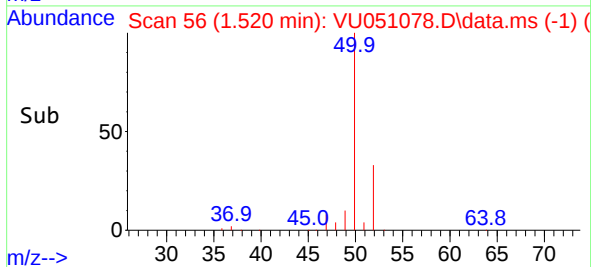
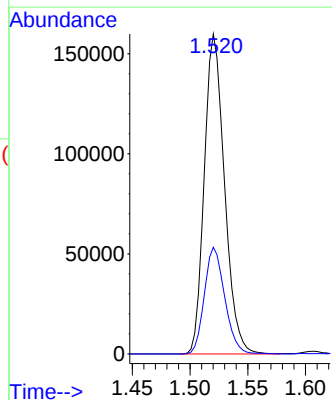
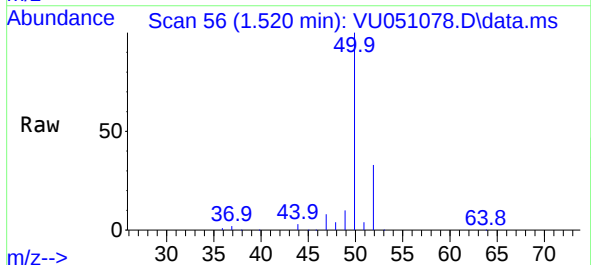
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

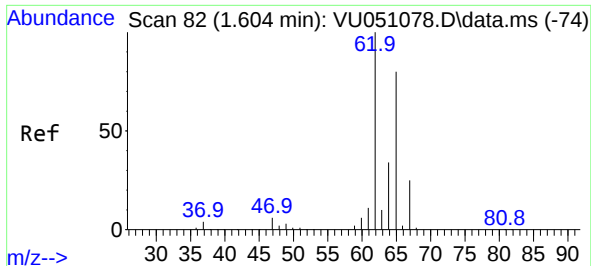
Tgt Ion: 85 Resp: 164752
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 50.378 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 50 Resp: 194713
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

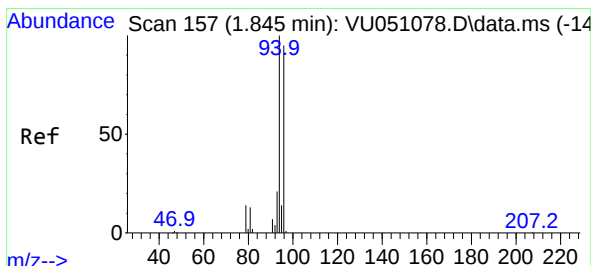
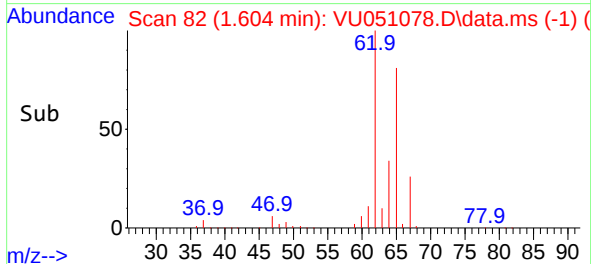
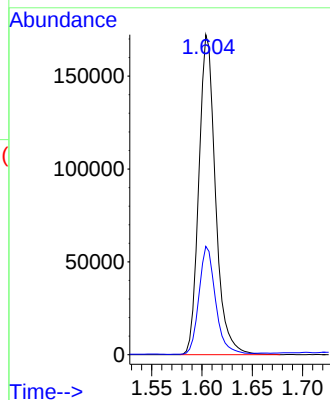
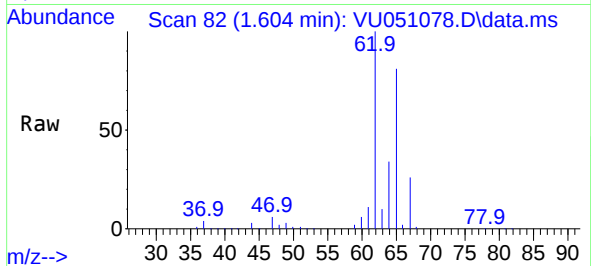




#5
 Vinyl chloride
 Concen: 48.257 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051078.D
 Acq: 03 Oct 2022 10:55

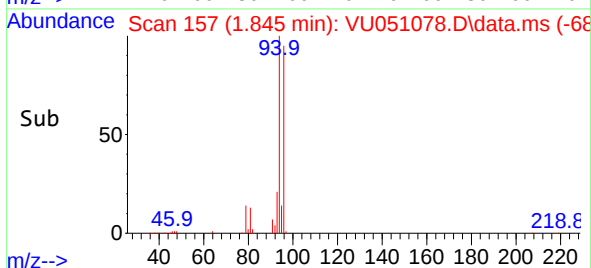
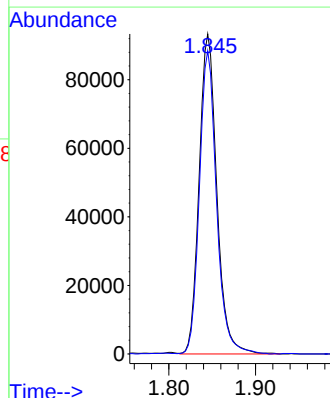
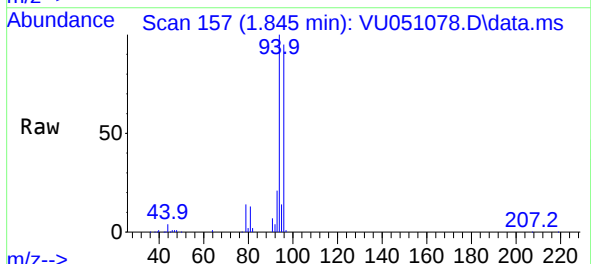
Instrument :
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 ClientSampleId :
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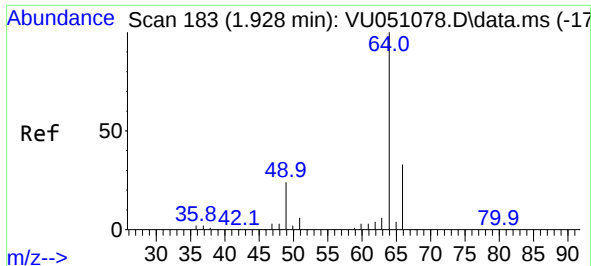
Tgt Ion: 62 Resp: 197949
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.5 43.7



#6
 Bromomethane
 Concen: 38.878 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.013 min
 Lab File: VU051078.D
 Acq: 03 Oct 2022 10:55

Tgt Ion: 94 Resp: 132097
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.9 118.7

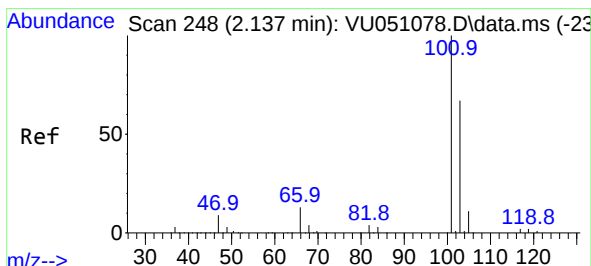
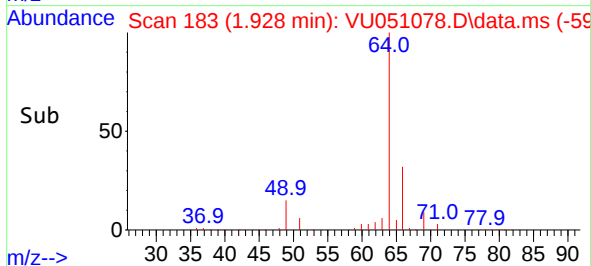
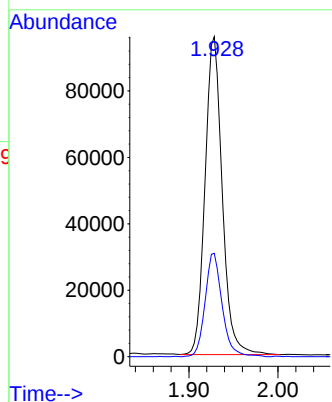
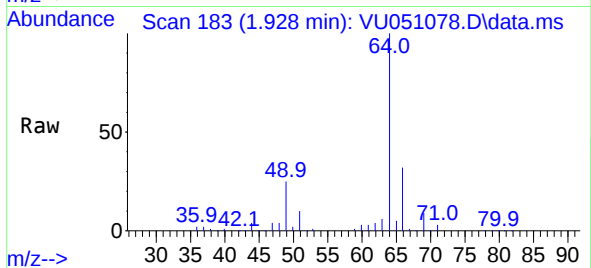




#8
Chloroethane
Concen: 42.451 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

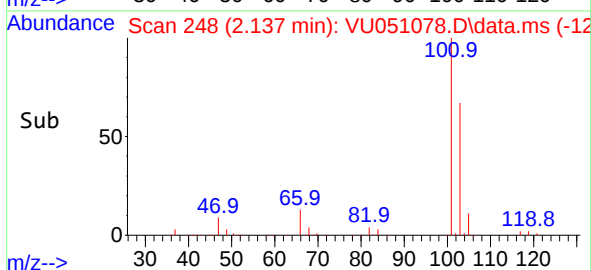
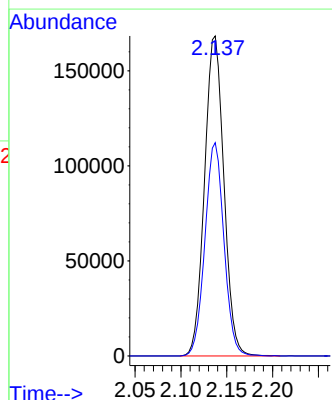
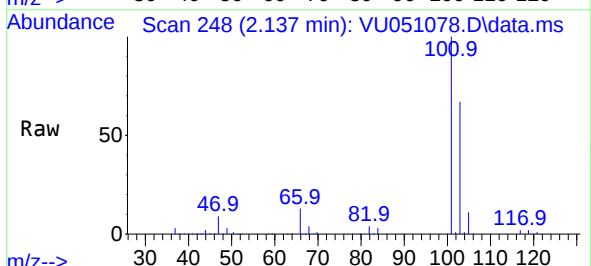
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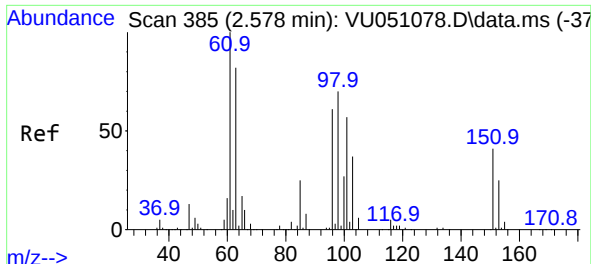
Tgt Ion: 64 Resp: 127866
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 44.801 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.006 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:101 Resp: 247101
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

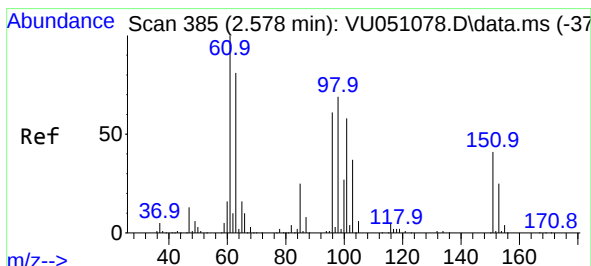
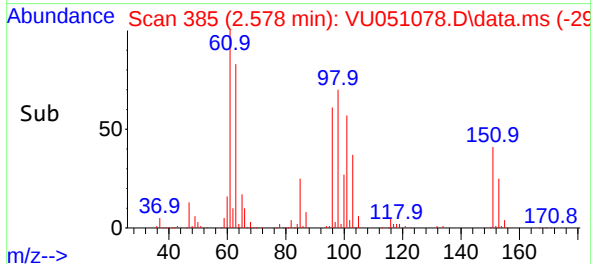
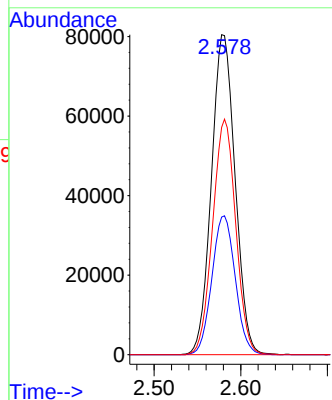
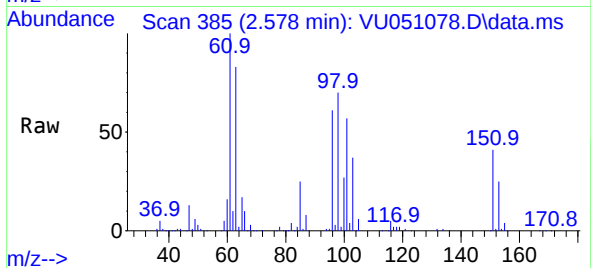




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.405 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051078.D
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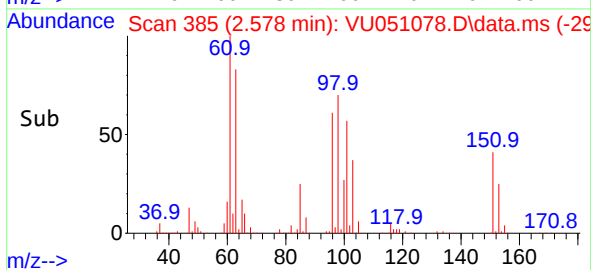
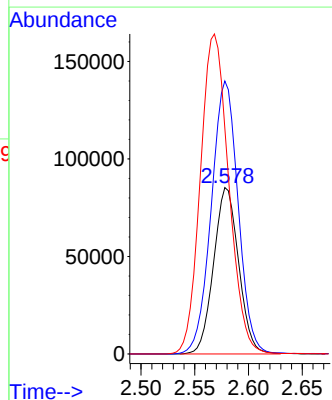
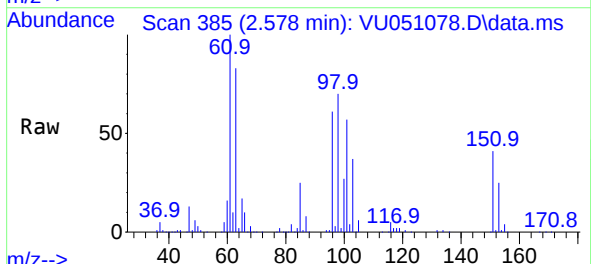
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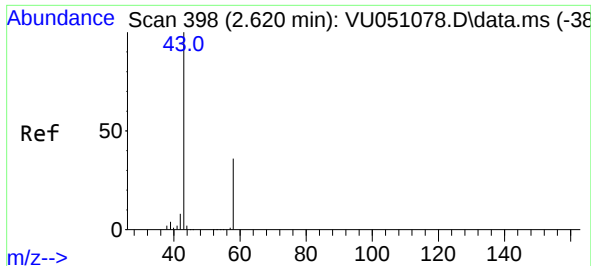
Tgt Ion:101 Resp: 153096
Ion Ratio Lower Upper
101 100
85 42.7 34.6 52.0
151 71.8 58.6 87.8



#12
1,1-Dichloroethene
Concen: 49.629 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 96 Resp: 138068
Ion Ratio Lower Upper
96 100
61 164.0 113.0 209.9
63 135.6 91.7 170.3





#13

Acetone

Concen: 134.782 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.019 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

Instrument :

MSVOA_U

ClientSampleId :

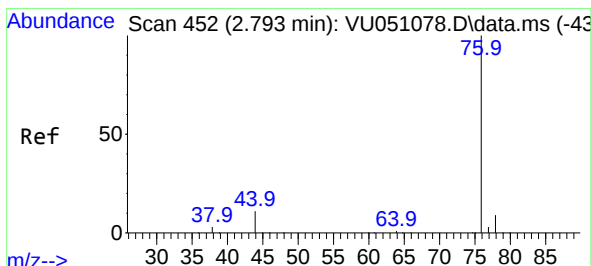
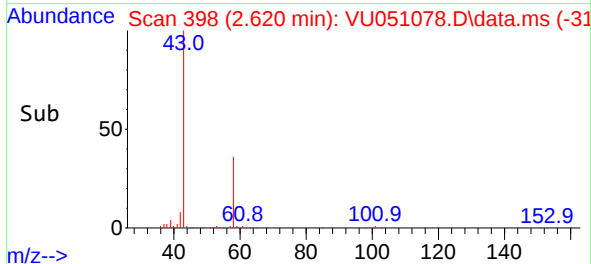
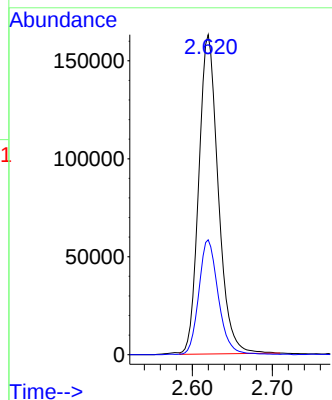
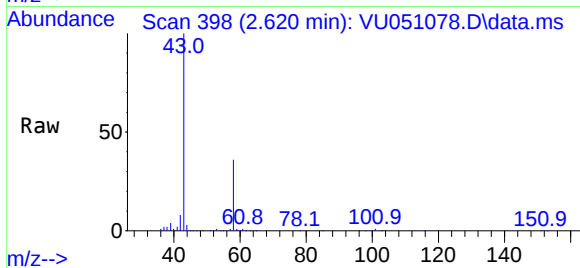
VSTD050105

Tgt Ion: 43 Resp: 275988

Ion Ratio Lower Upper

43 100

58 36.2 0.0 73.6



#14

Carbon disulfide

Concen: 52.878 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

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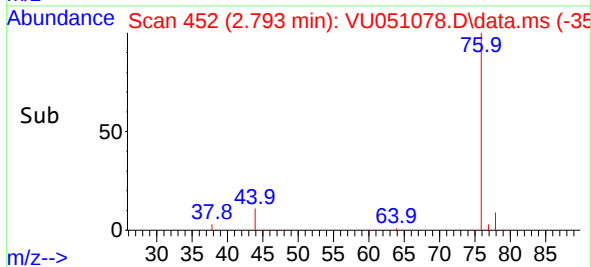
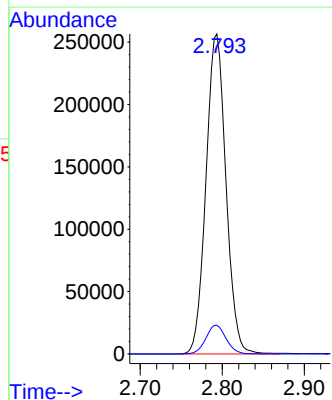
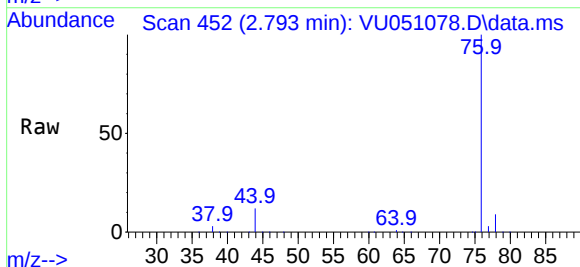
Acq: 03 Oct 2022 10:55

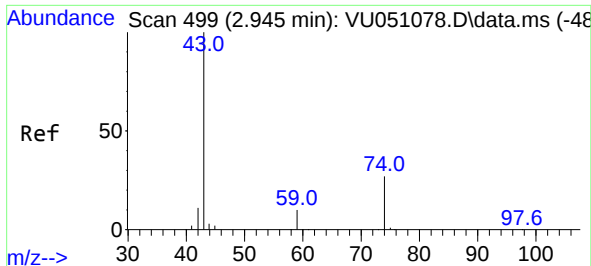
Tgt Ion: 76 Resp: 434851

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

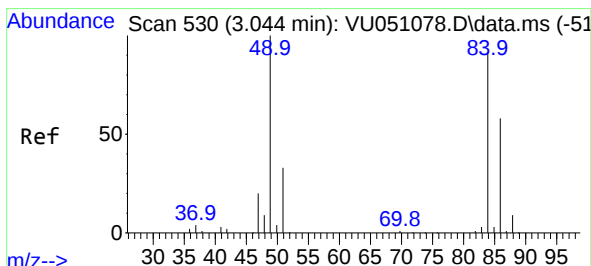
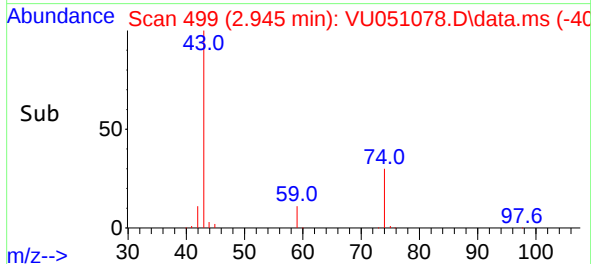
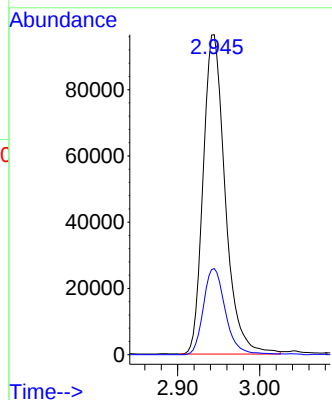
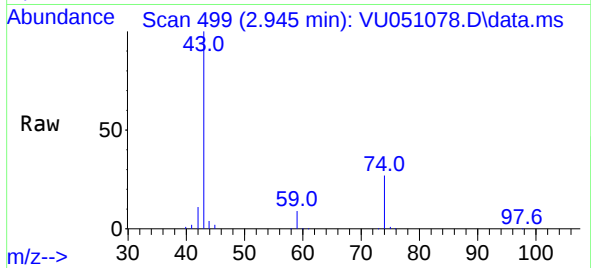




#15
Methyl Acetate
Concen: 48.124 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.006 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

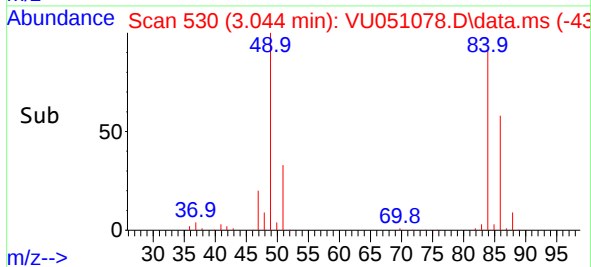
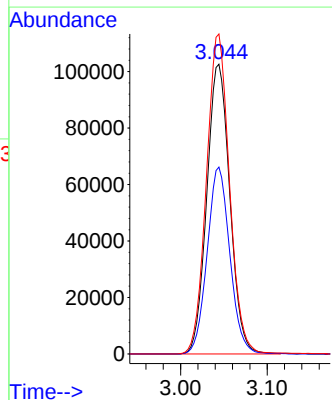
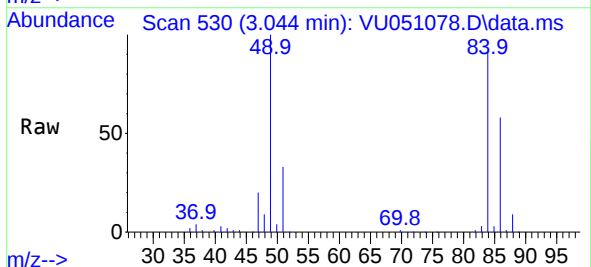
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

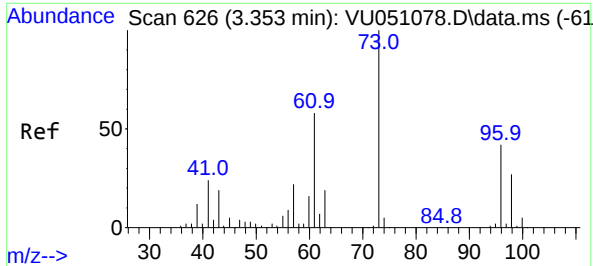
Tgt Ion: 43 Resp: 179907
Ion Ratio Lower Upper
43 100
74 26.9 22.4 33.6



#16
Methylene chloride
Concen: 47.500 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 84 Resp: 189699
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.4
49 110.4 78.3 145.3



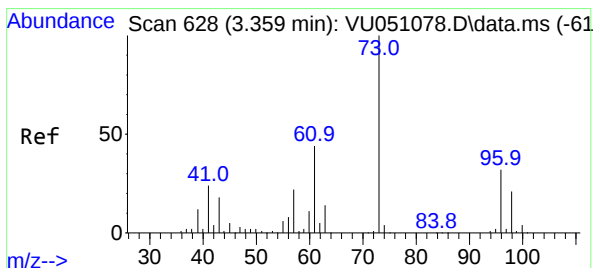
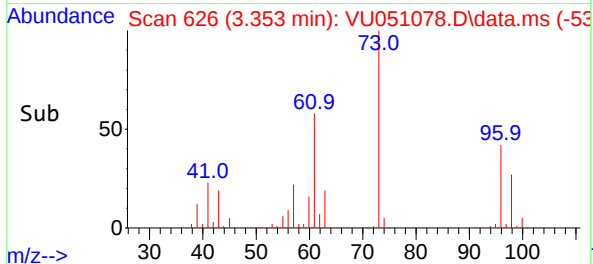
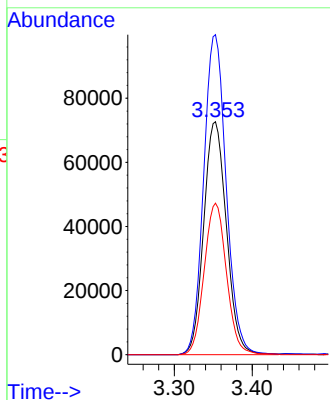
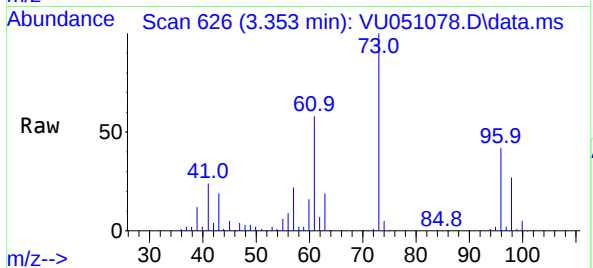


#17
trans-1,2-Dichloroethene
Concen: 49.789 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

Tgt Ion: 96 Resp: 147360

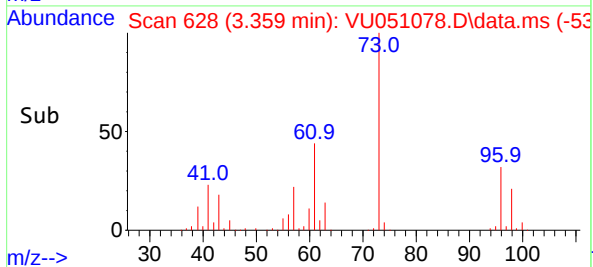
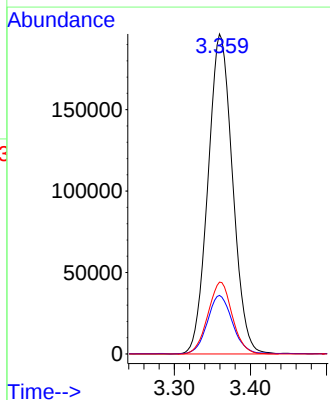
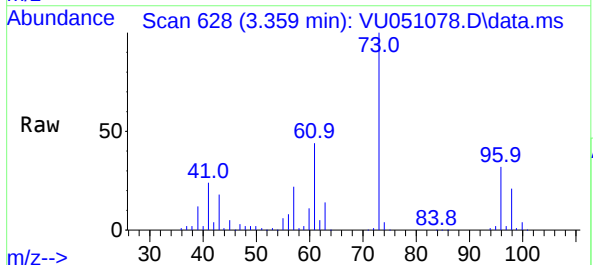
Ion	Ratio	Lower	Upper
96	100		
61	137.4	95.1	176.5
98	65.0	45.1	83.7

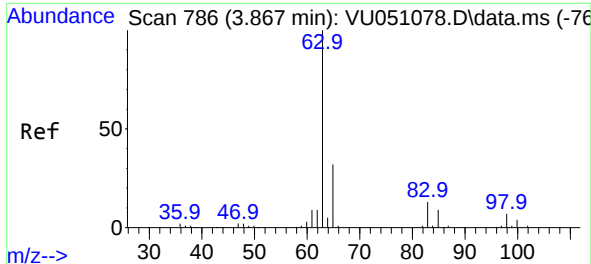


#18
Methyl tert-butyl Ether
Concen: 49.023 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 73 Resp: 440932

Ion	Ratio	Lower	Upper
73	100		
43	18.9	14.7	22.1
57	22.2	17.5	26.3

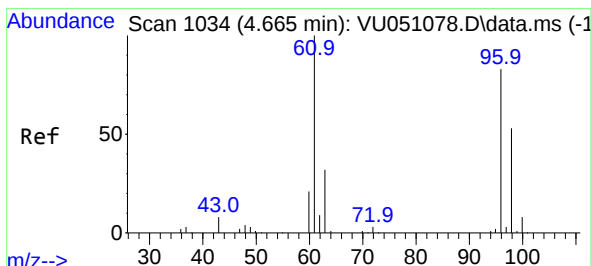
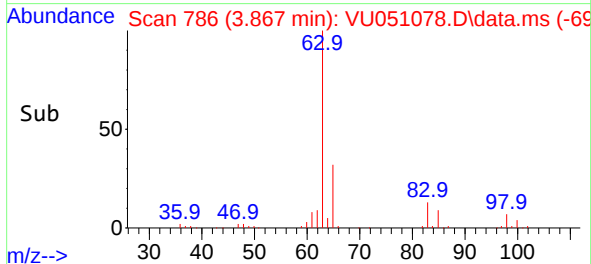
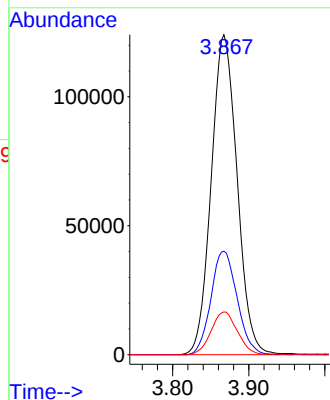
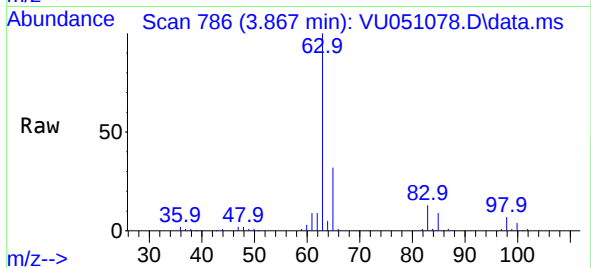




#19
1,1-Dichloroethane
Concen: 52.156 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

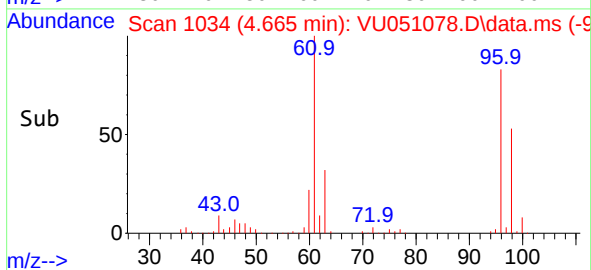
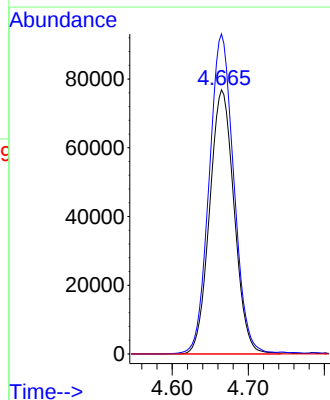
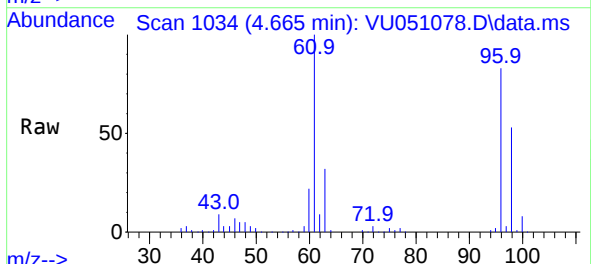
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

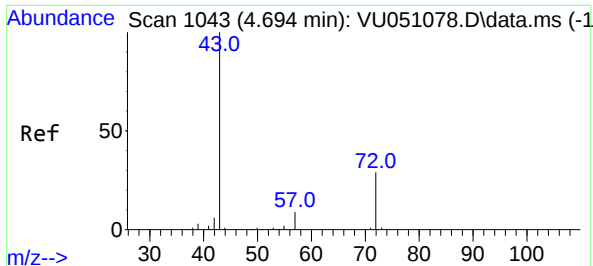
Tgt Ion: 63 Resp: 293221
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.4 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 52.098 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 96 Resp: 172166
Ion Ratio Lower Upper
96 100
61 121.2 85.4 158.6
68 0.0 0.0 0.0

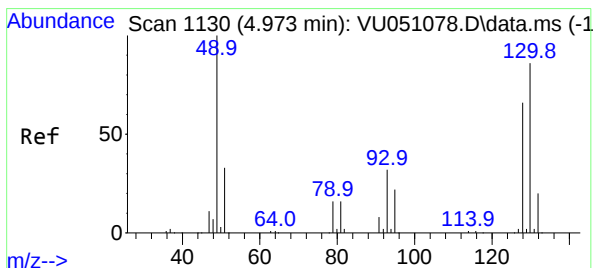
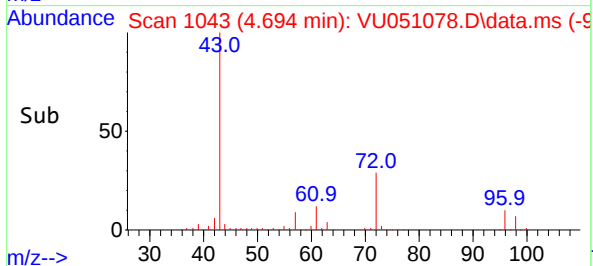
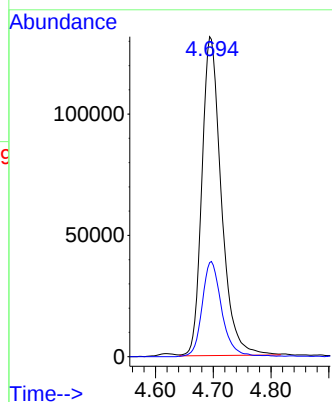
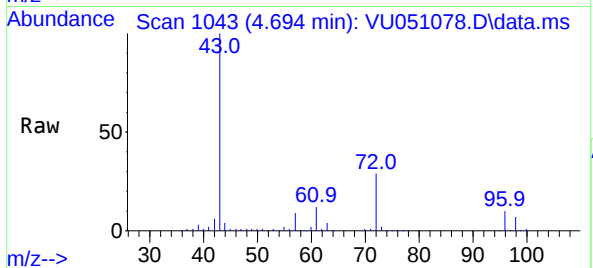




#22
2-Butanone
Concen: 108.657 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. -0.013 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

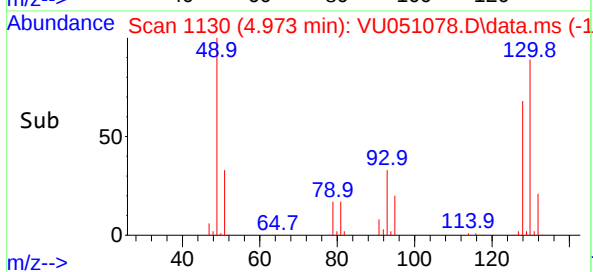
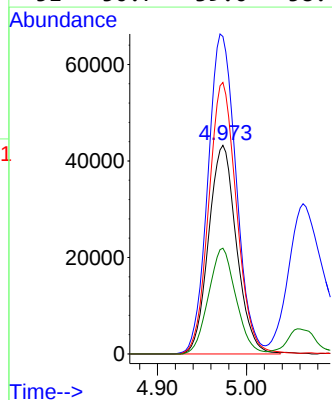
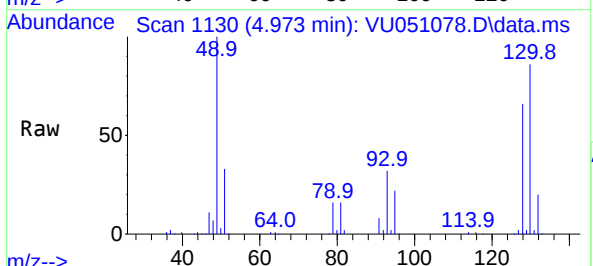
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

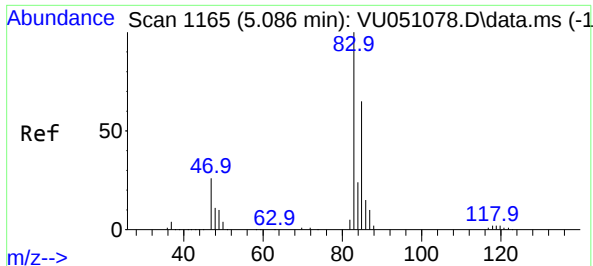
Tgt Ion: 43 Resp: 307406
Ion Ratio Lower Upper
43 100
72 30.0 15.8 47.4



#23
Bromochloromethane
Concen: 51.804 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:128 Resp: 93800
Ion Ratio Lower Upper
128 100
49 152.1 106.9 198.5
130 130.1 86.2 160.0
51 50.7 39.0 58.4





#25

Chloroform

Concen: 51.787 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

Instrument :

MSVOA_U

ClientSampleId :

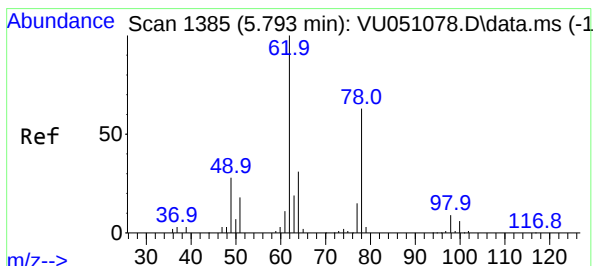
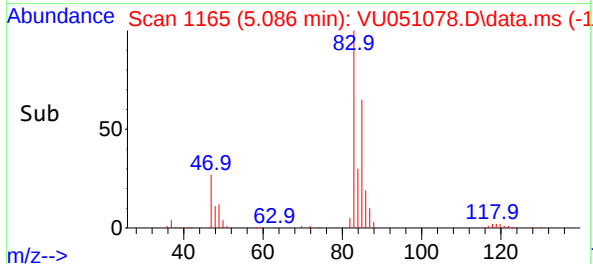
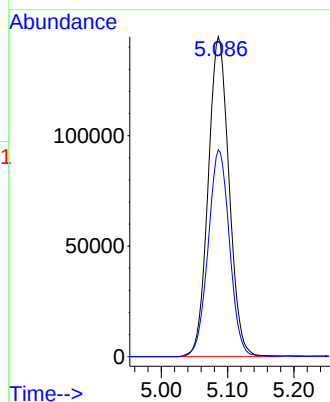
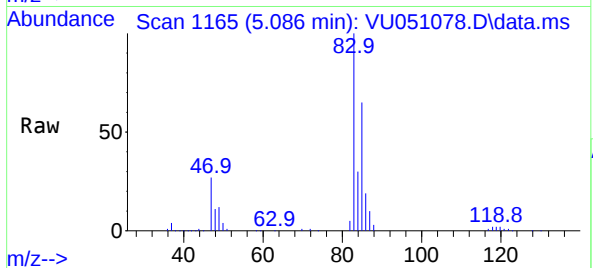
VSTD050105

Tgt Ion: 83 Resp: 316685

Ion Ratio Lower Upper

83 100

85 64.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.826 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051078.D

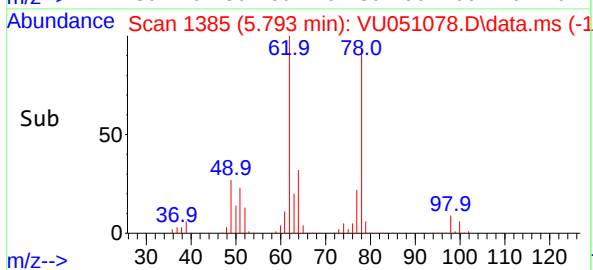
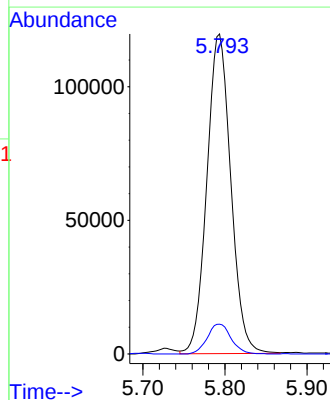
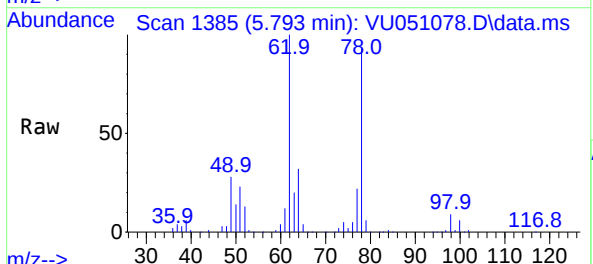
Acq: 03 Oct 2022 10:55

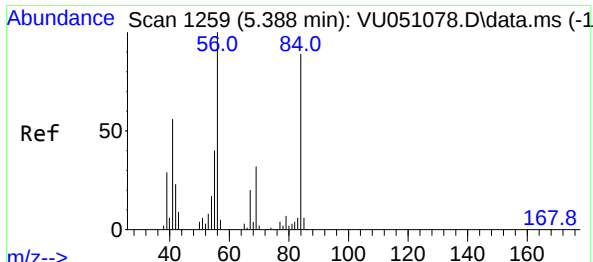
Tgt Ion: 62 Resp: 242774

Ion Ratio Lower Upper

62 100

98 9.3 7.3 10.9





#29

Cyclohexane

Concen: 53.166 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD050105

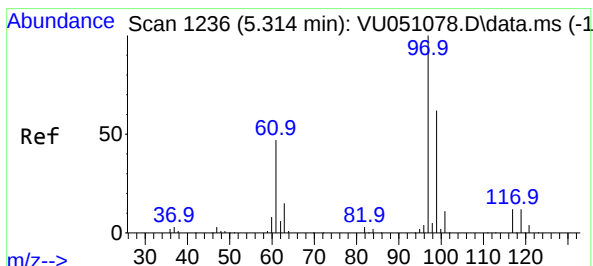
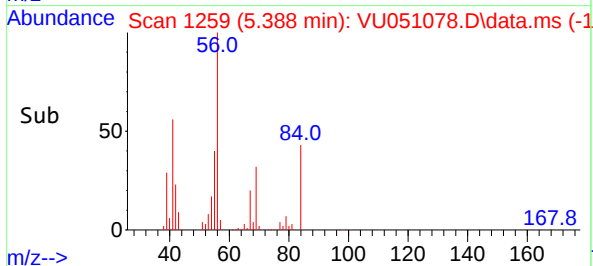
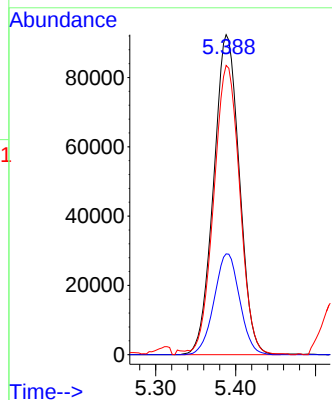
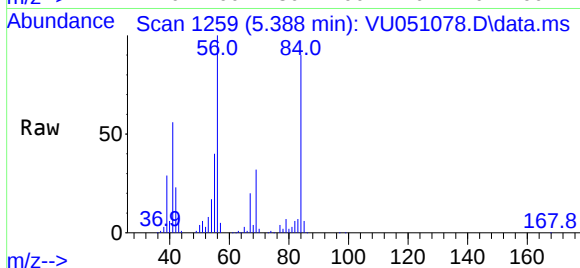
Tgt Ion: 56 Resp: 206222

Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 90.8 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 53.196 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

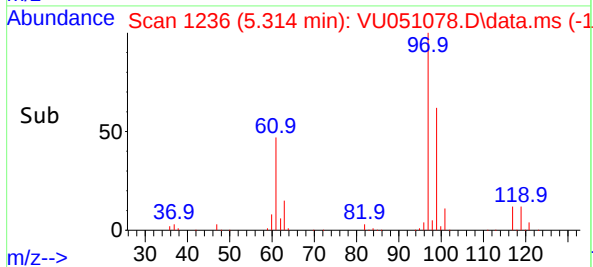
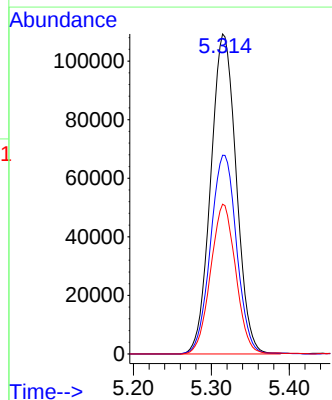
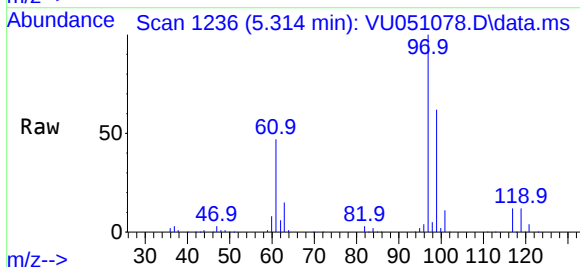
Tgt Ion: 97 Resp: 248523

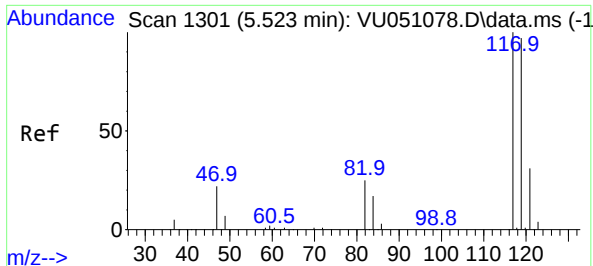
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

61 46.0 36.0 54.0

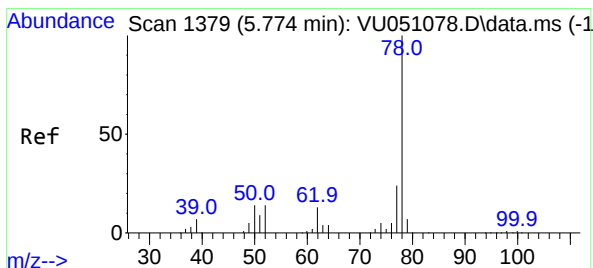
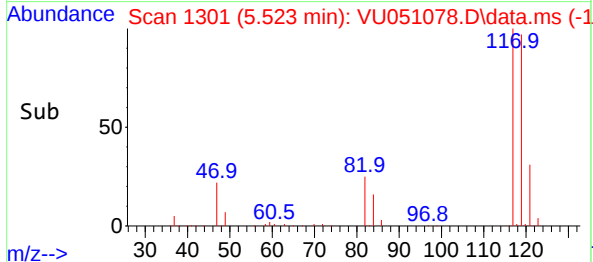
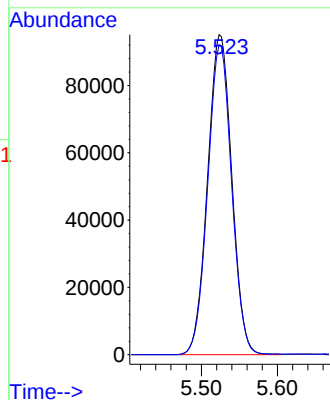
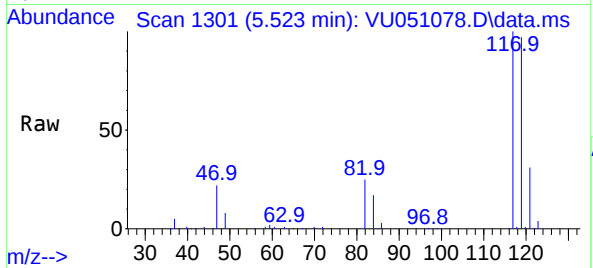




#31
Carbon tetrachloride
Concen: 55.257 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

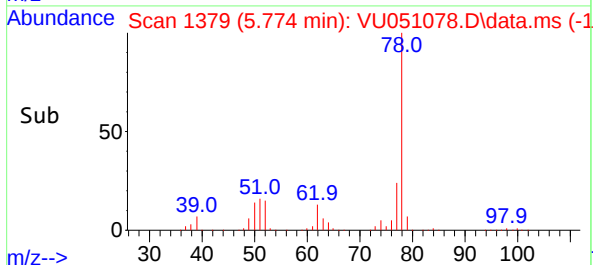
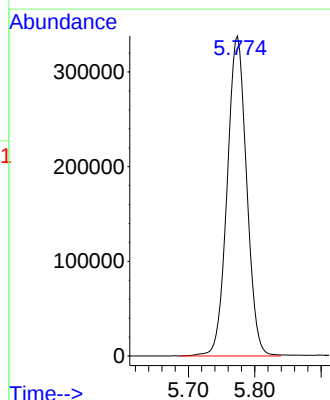
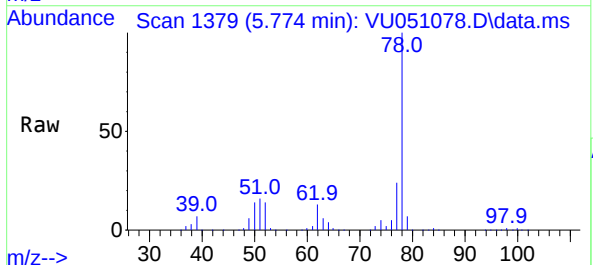
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

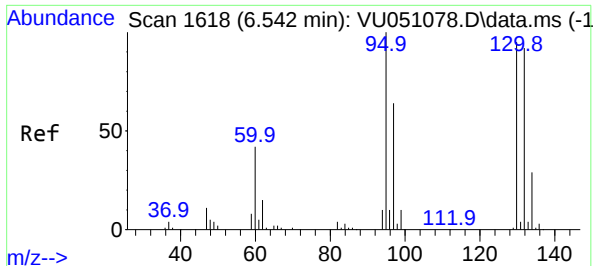
Tgt Ion:117 Resp: 210629
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 56.723 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 78 Resp: 688883

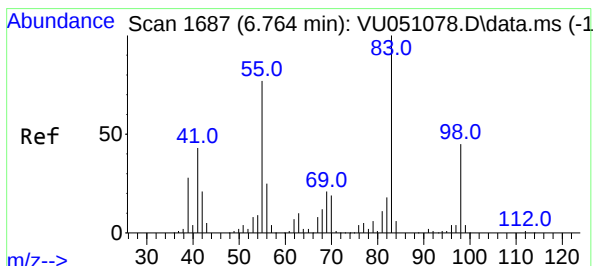
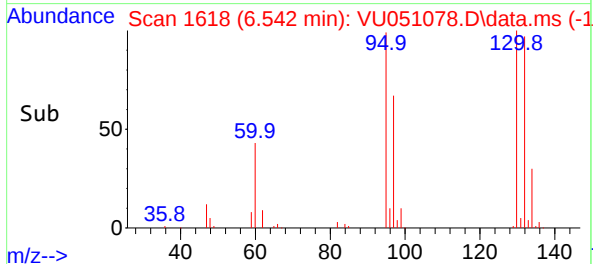
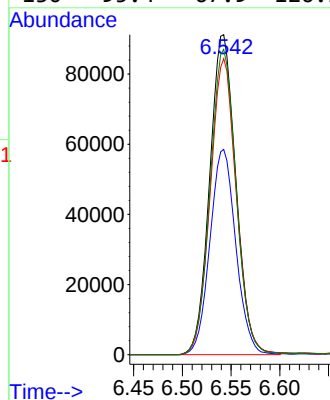
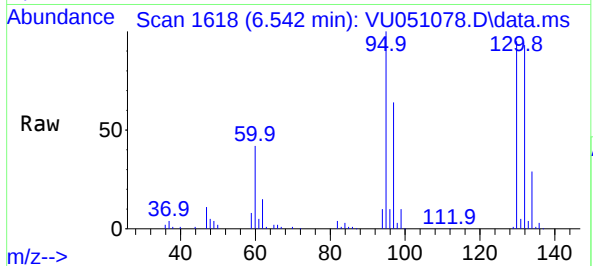




#34
Trichloroethene
Concen: 54.262 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

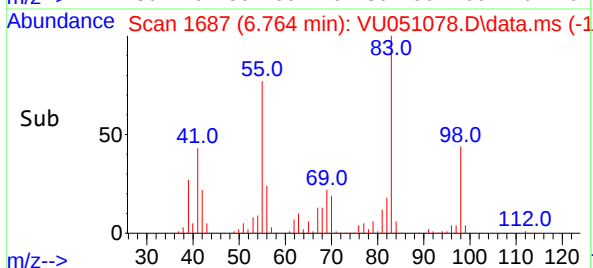
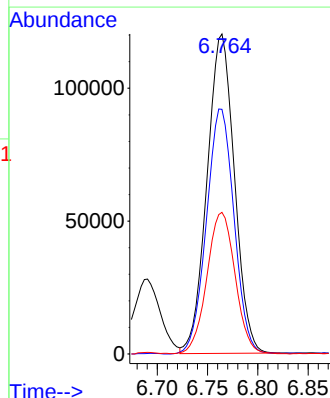
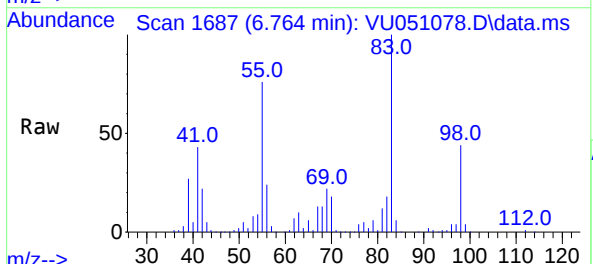
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

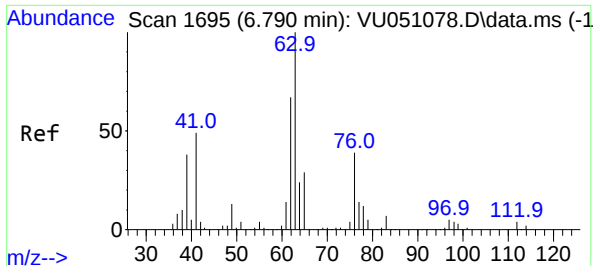
Tgt Ion: 95 Resp: 170685
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 92.5 64.0 119.0
130 95.4 67.9 126.1



#35
Methylcyclohexane
Concen: 53.254 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 83 Resp: 227996
Ion Ratio Lower Upper
83 100
55 77.5 59.3 88.9
98 45.6 36.0 54.0

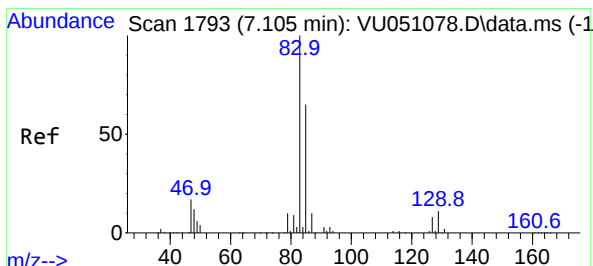
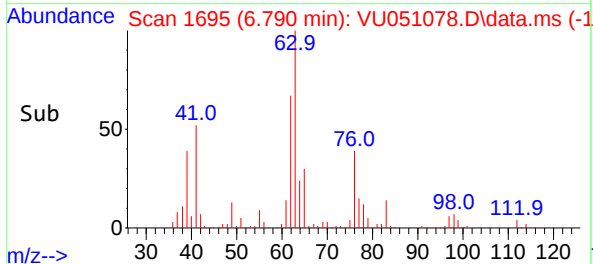
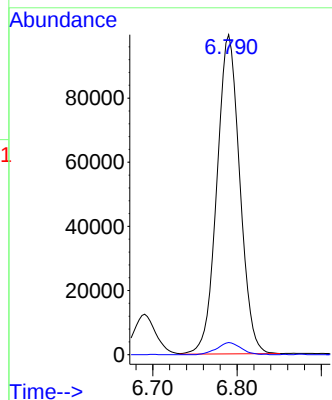
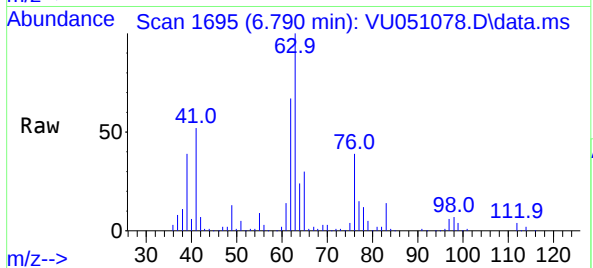




#37
1,2-Dichloropropane
Concen: 57.322 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

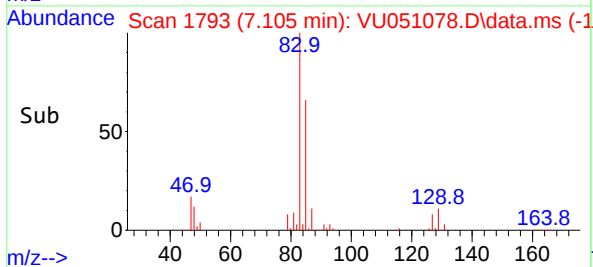
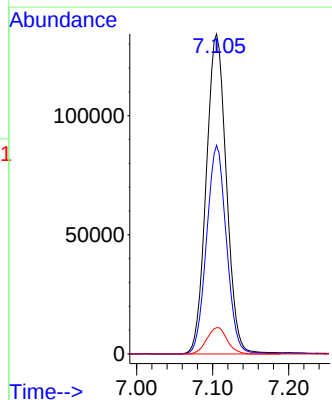
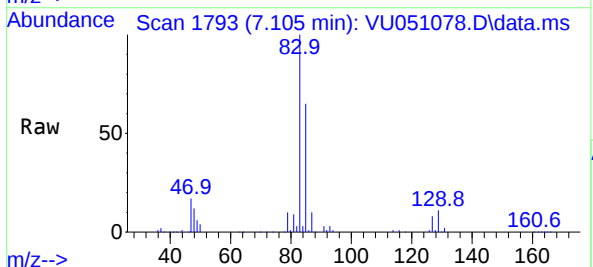
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

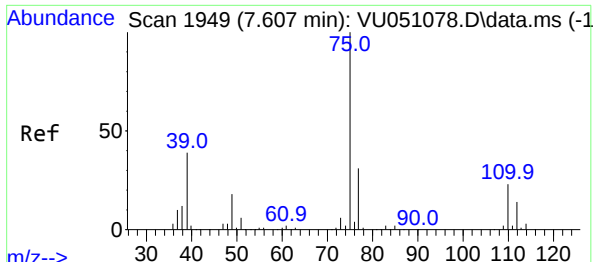
Tgt Ion: 63 Resp: 187467
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 56.673 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 83 Resp: 247352
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
127 8.2 6.7 10.1

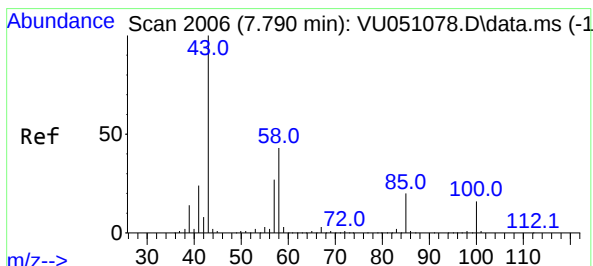
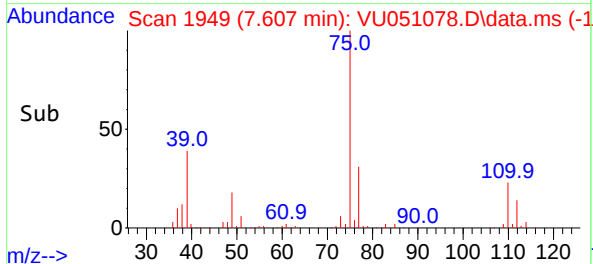
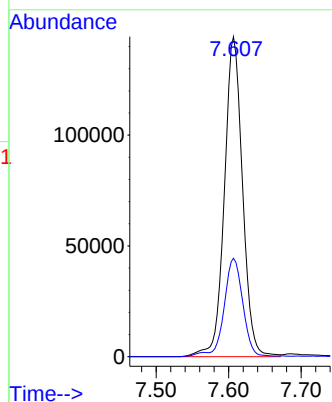
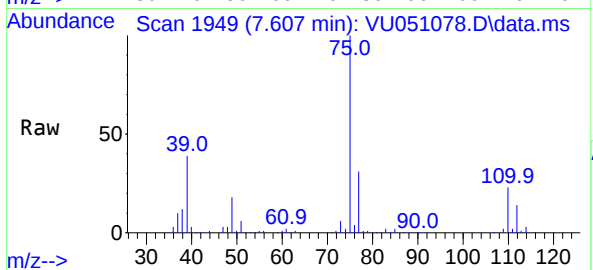




#39
 cis-1,3-Dichloropropene
 Concen: 54.285 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU051078.D
 Acq: 03 Oct 2022 10:55

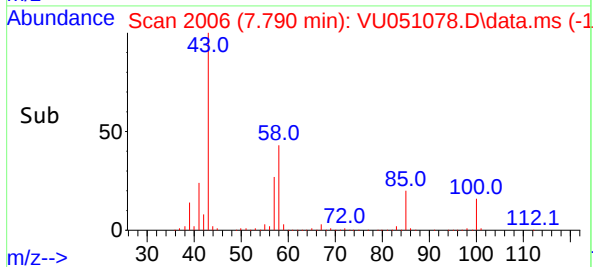
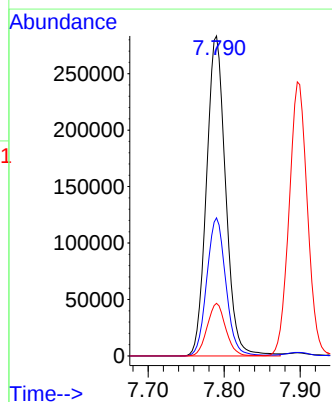
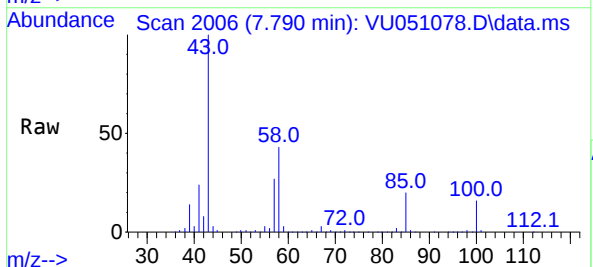
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050105

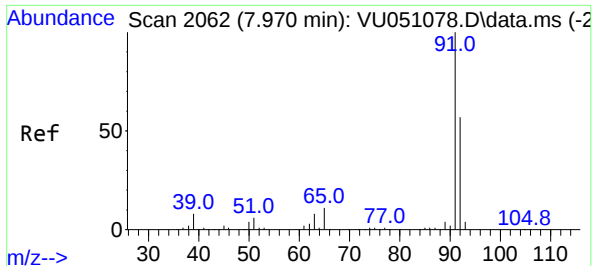
Tgt Ion: 75 Resp: 251429
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 104.796 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VU051078.D
 Acq: 03 Oct 2022 10:55

Tgt Ion: 43 Resp: 496338
 Ion Ratio Lower Upper
 43 100
 58 42.9 35.0 52.4
 100 15.9 13.3 19.9





#42

Toluene

Concen: 56.991 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

Instrument :

MSVOA_U

ClientSampleId :

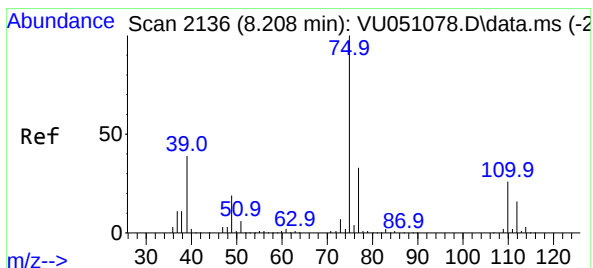
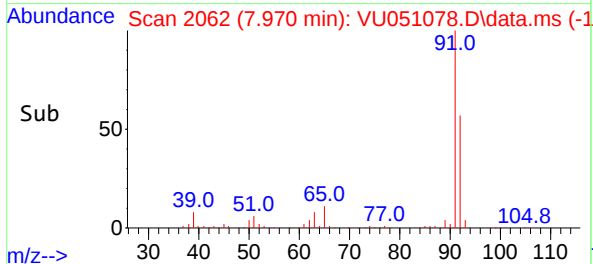
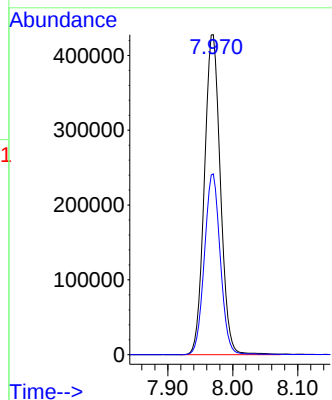
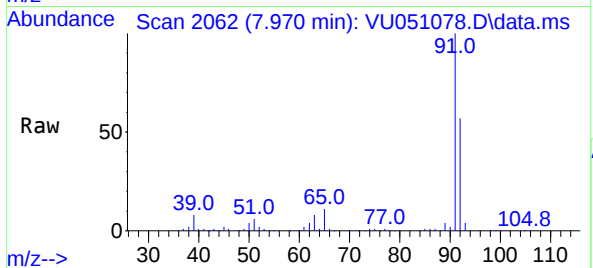
VSTD050105

Tgt Ion: 91 Resp: 736200

Ion Ratio Lower Upper

91 100

92 56.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 52.095 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051078.D

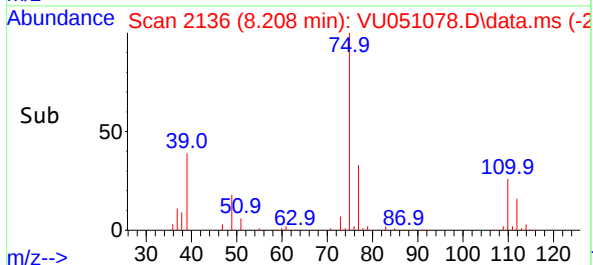
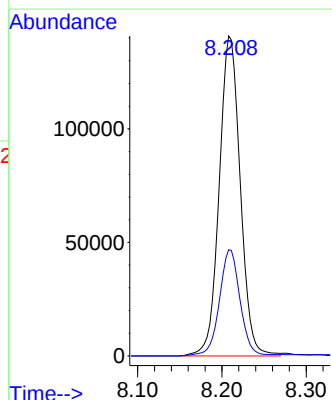
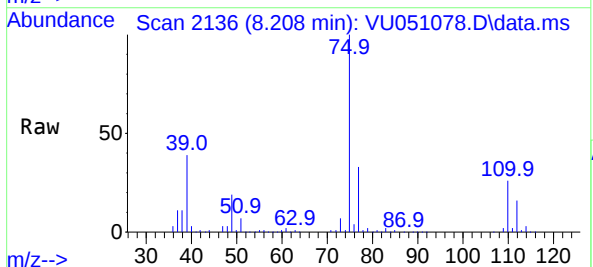
Acq: 03 Oct 2022 10:55

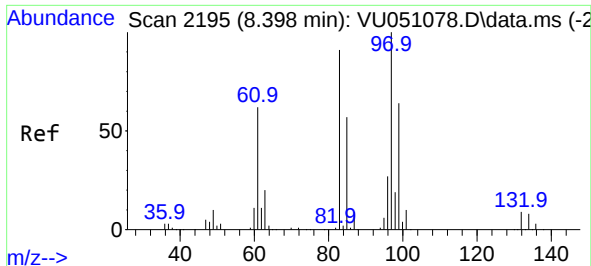
Tgt Ion: 75 Resp: 243965

Ion Ratio Lower Upper

75 100

77 33.2 22.7 42.3



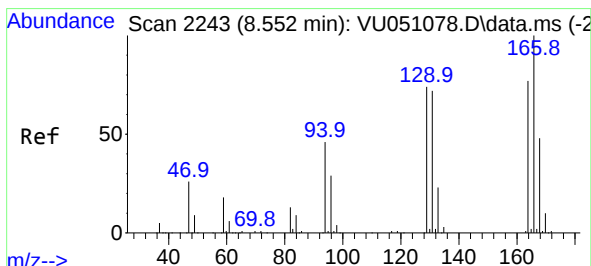
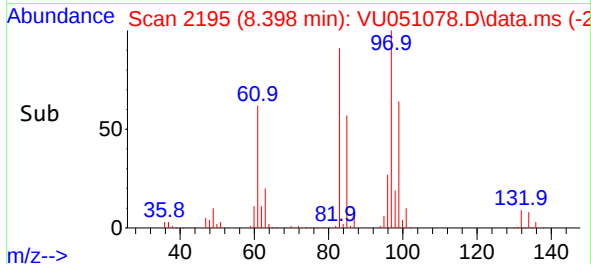
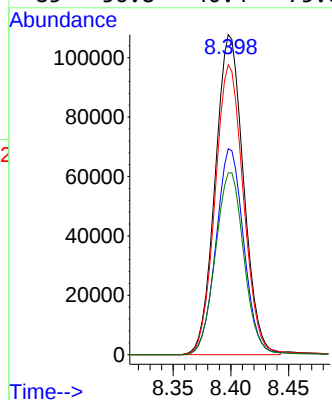
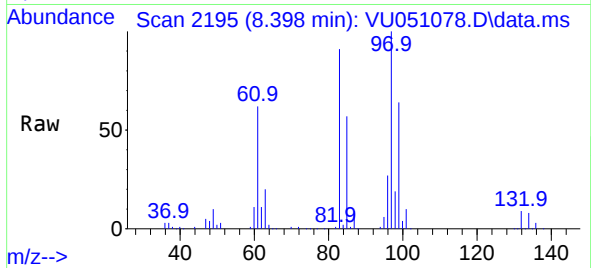


#45
1,1,2-Trichloroethane
Concen: 51.878 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

Tgt Ion: 97 Resp: 183778

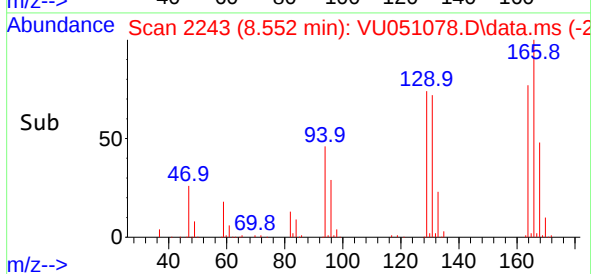
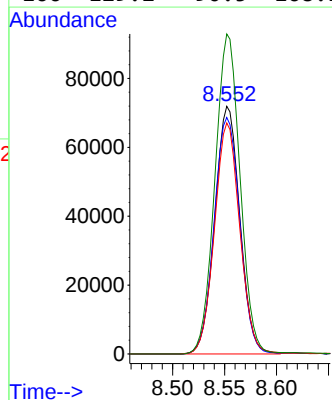
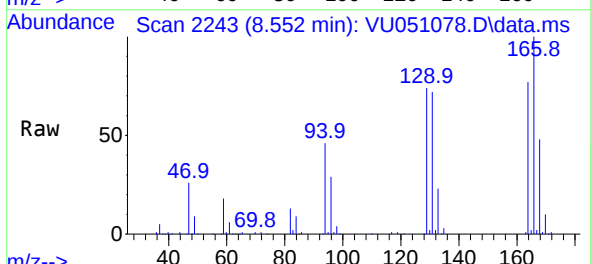
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.4	82.4
83	90.6	61.7	114.5
85	56.8	40.4	75.0

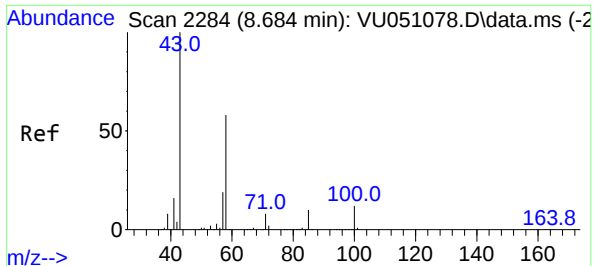


#46
Tetrachloroethene
Concen: 50.716 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 164 Resp: 120897

Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.1	126.5
131	93.3	67.8	126.0
166	129.2	90.5	168.1

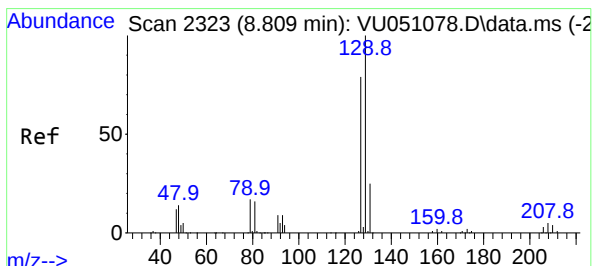
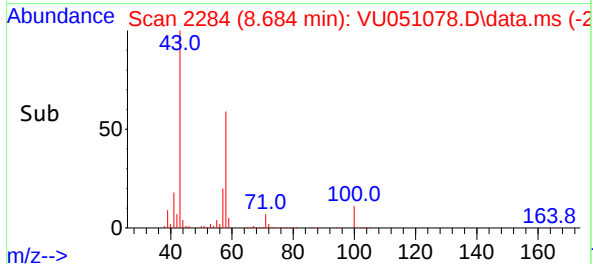
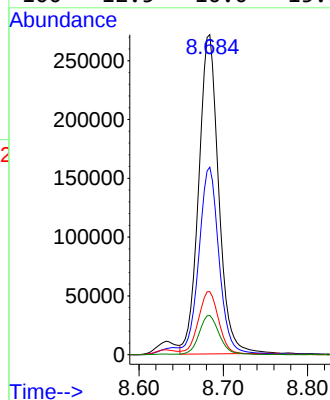
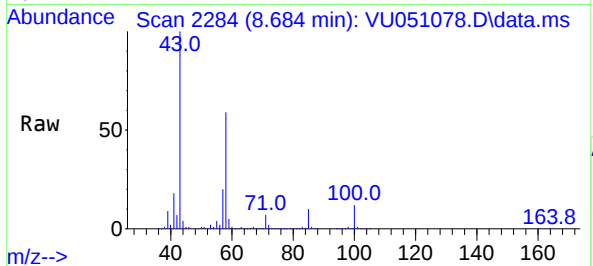




#48
2-Hexanone
Concen: 104.218 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

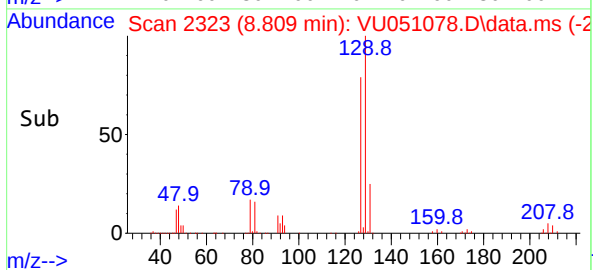
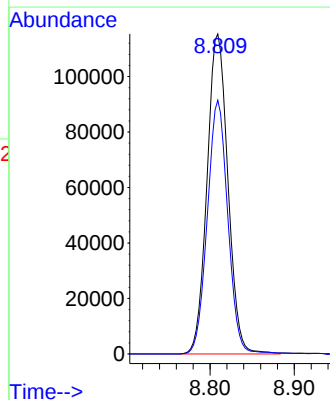
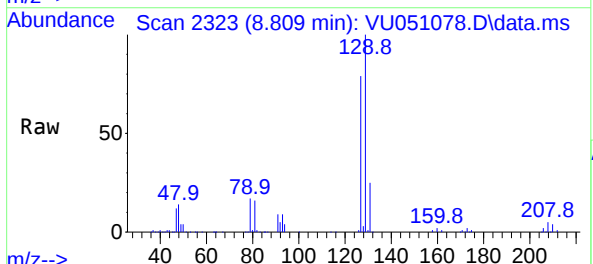
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

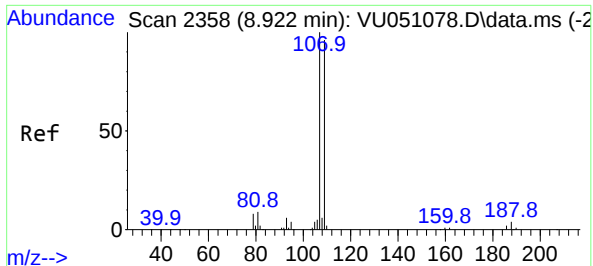
Tgt Ion: 43 Resp: 448334
Ion Ratio Lower Upper
43 100
58 59.0 48.3 72.5
57 20.6 15.9 23.9
100 12.5 10.0 15.0



#49
Dibromochloromethane
Concen: 53.461 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 129 Resp: 199116
Ion Ratio Lower Upper
129 100
127 79.3 52.8 98.0

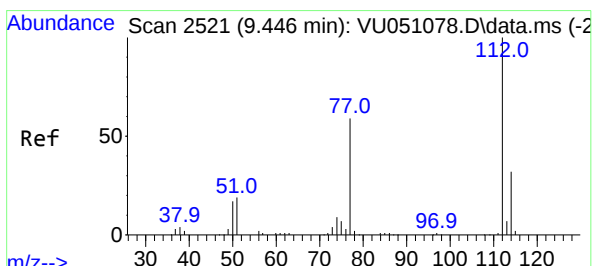
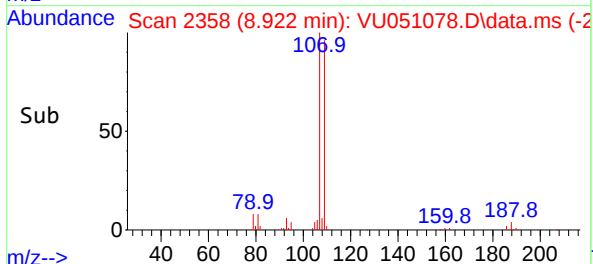
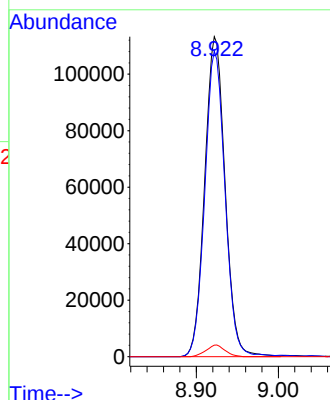
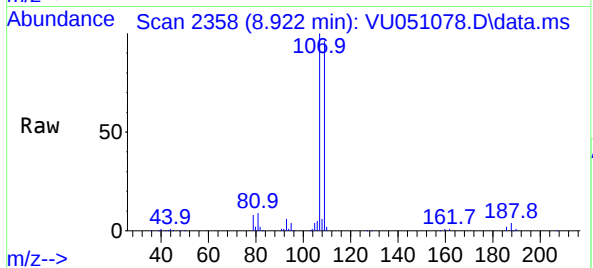




#50
1,2-Dibromoethane
Concen: 50.802 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

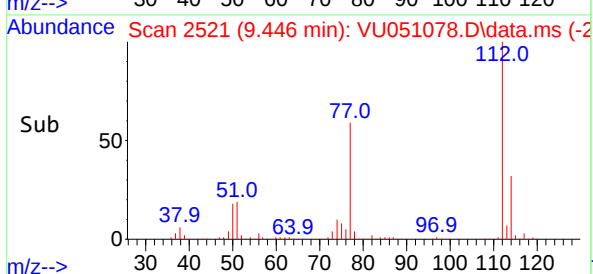
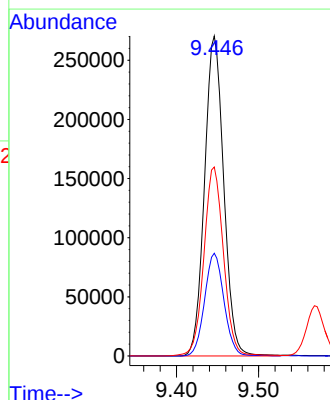
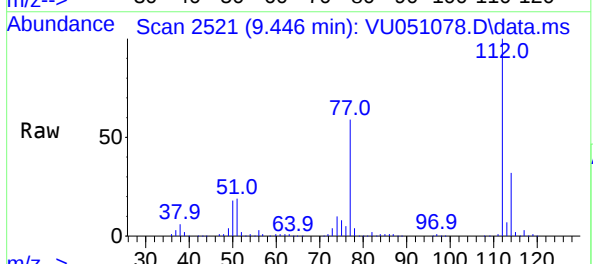
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

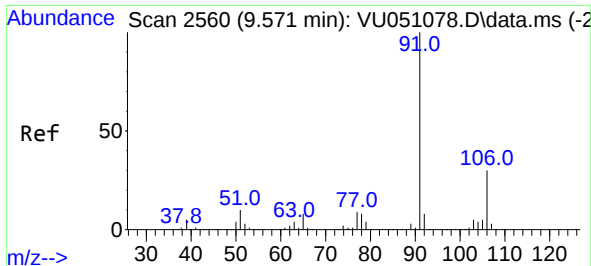
Tgt Ion:107 Resp: 195122
Ion Ratio Lower Upper
107 100
109 95.5 64.1 119.1
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 50.226 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:112 Resp: 441221
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 59.0 48.2 72.2

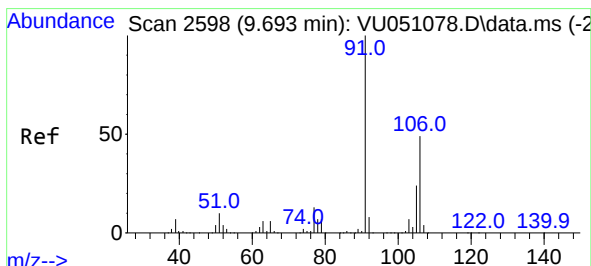
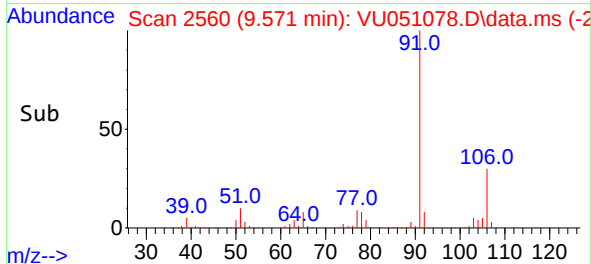
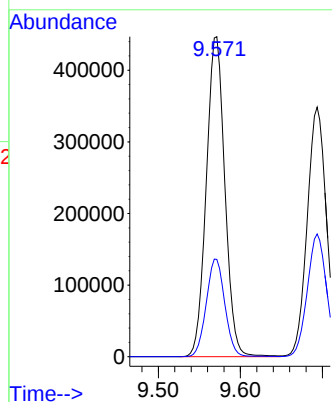
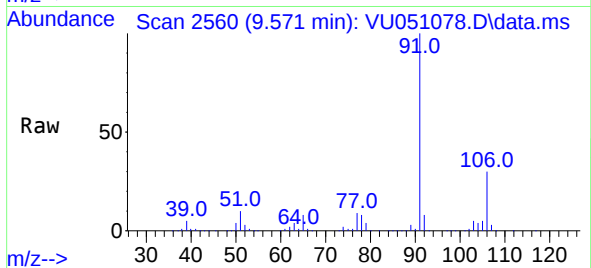




#52
Ethylbenzene
Concen: 51.081 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

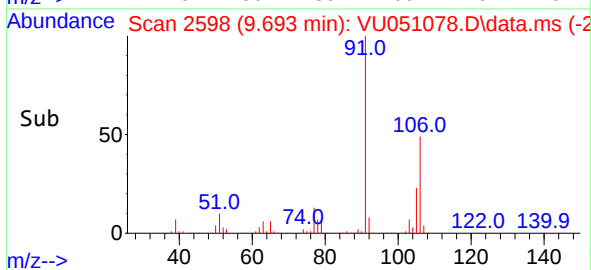
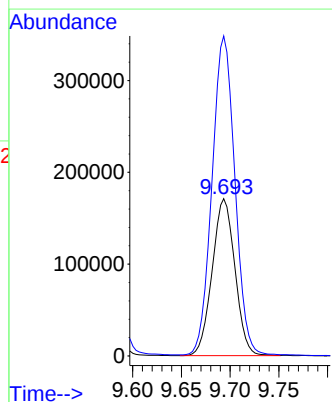
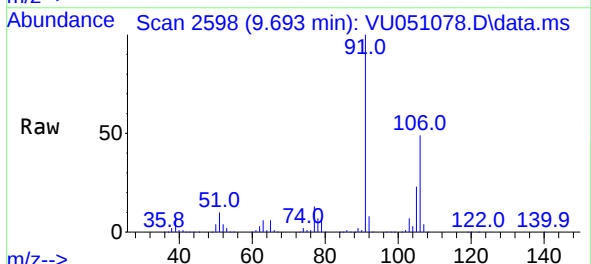
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

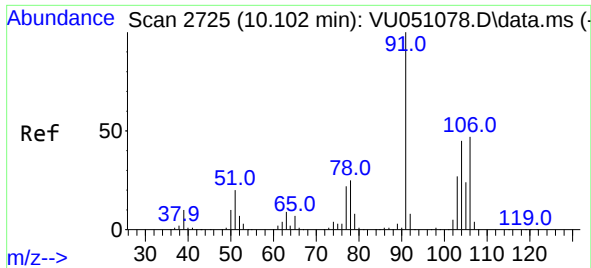
Tgt Ion: 91 Resp: 703837
Ion Ratio Lower Upper
91 100
106 30.4 21.7 40.3



#53
m,p-Xylene
Concen: 53.609 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 106 Resp: 277777
Ion Ratio Lower Upper
106 100
91 203.4 141.9 263.5

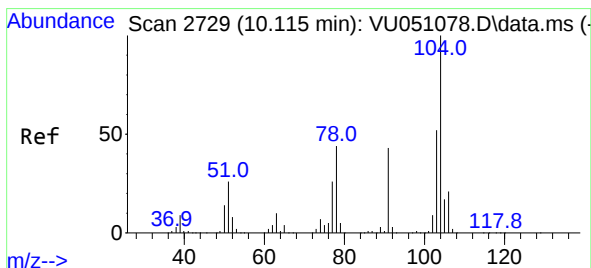
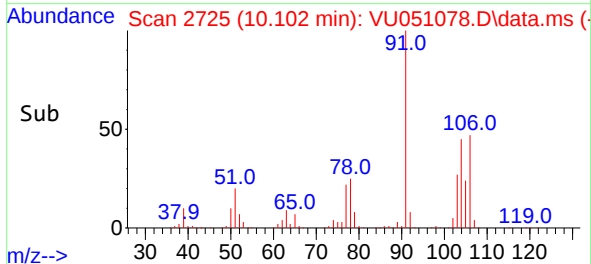
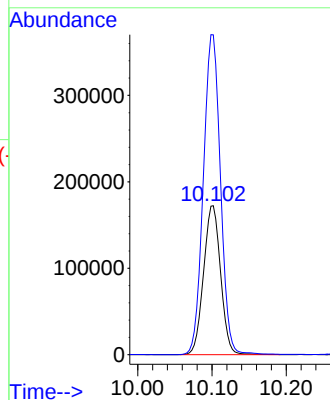
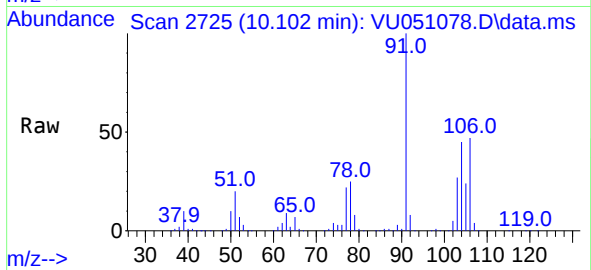




#54
o-Xylene
Concen: 52.974 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

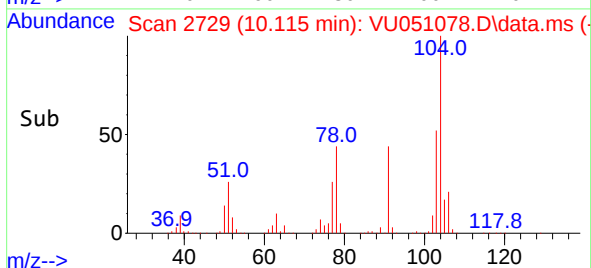
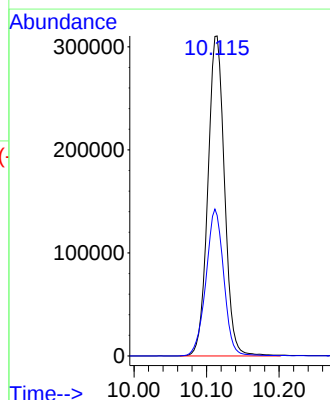
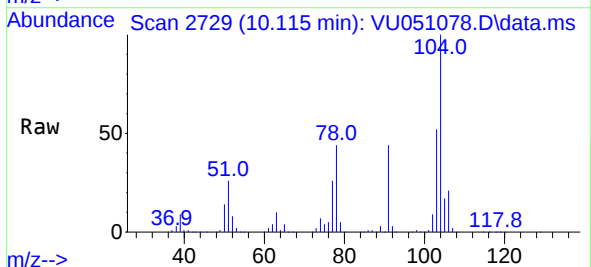
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

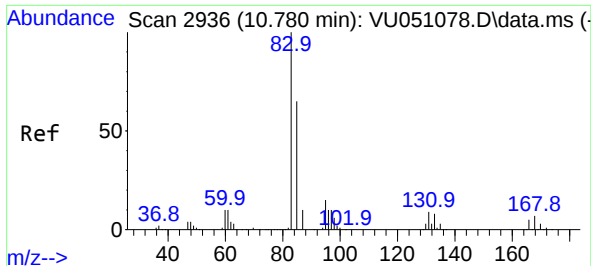
Tgt Ion:106 Resp: 274356
Ion Ratio Lower Upper
106 100
91 214.7 152.4 283.0



#55
Styrene
Concen: 55.415 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:104 Resp: 496033
Ion Ratio Lower Upper
104 100
78 43.9 31.0 57.6

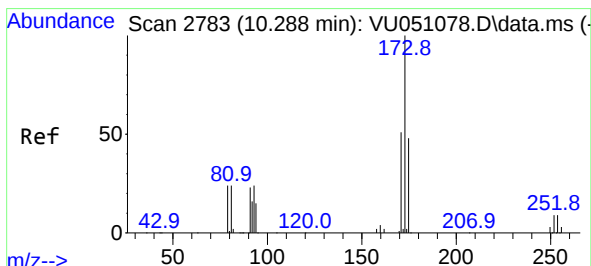
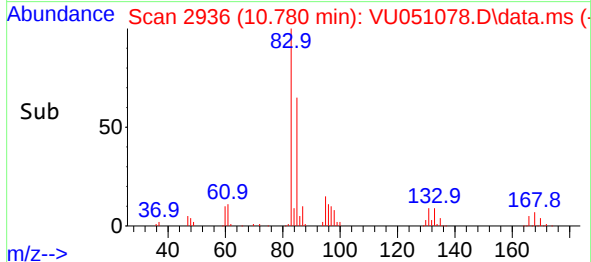
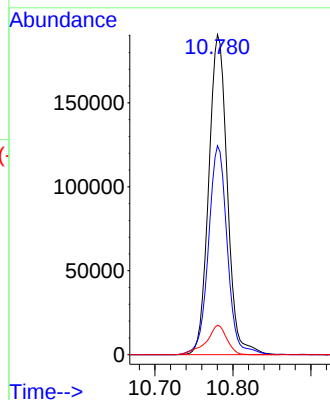
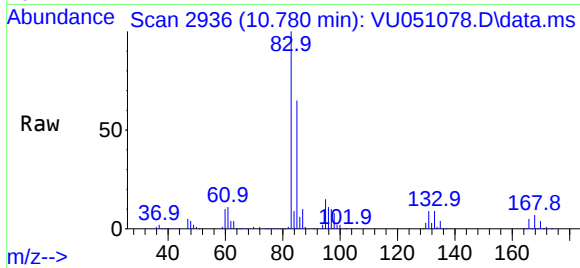




#57
1,1,2,2-Tetrachloroethane
Concen: 50.430 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

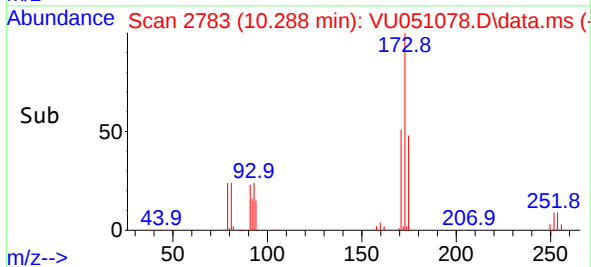
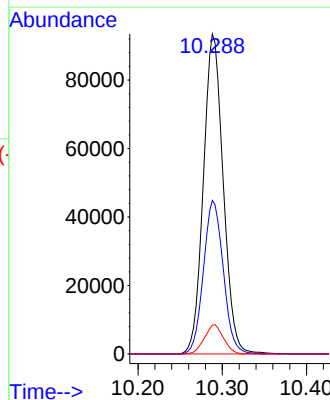
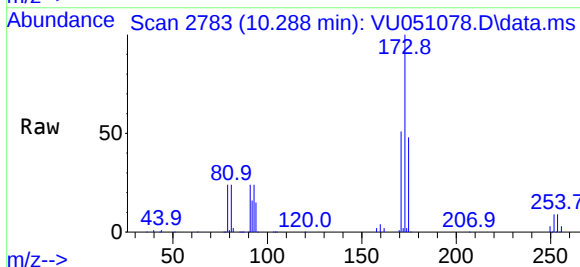
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

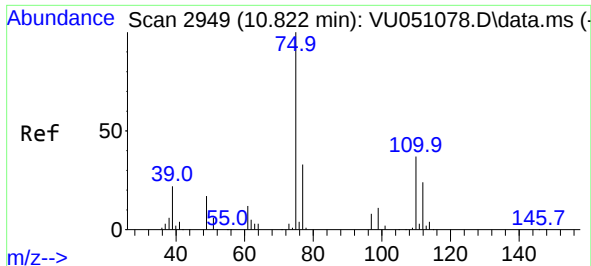
Tgt Ion: 83 Resp: 316172
Ion Ratio Lower Upper
83 100
85 65.3 44.7 83.1
131 9.2 7.0 10.4



#59
Bromoform
Concen: 50.066 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:173 Resp: 153141
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.0
254 8.8 7.4 11.0

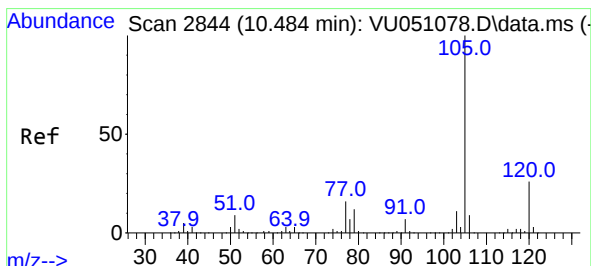
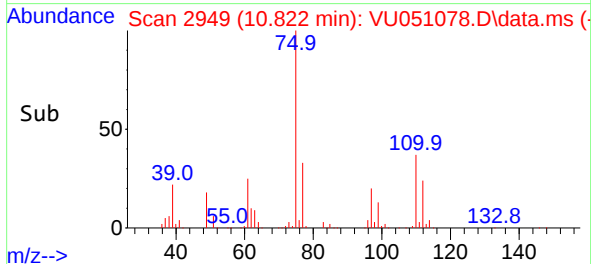
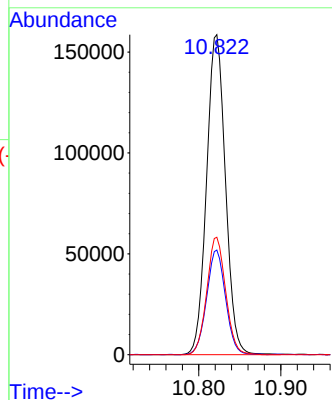
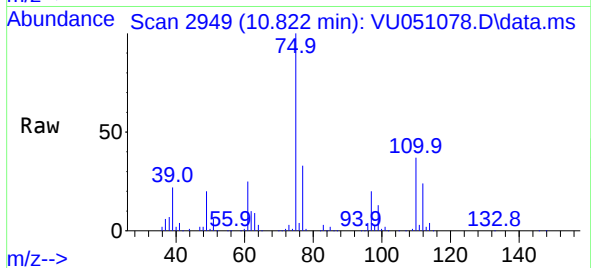




#60
1,2,3-Trichloropropane
Concen: 46.537 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

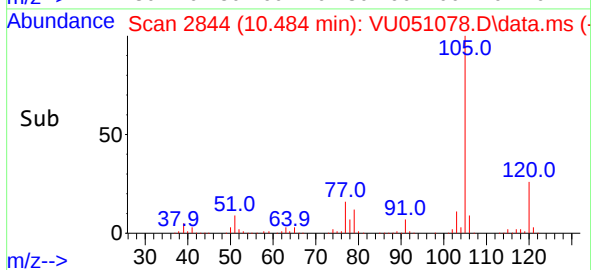
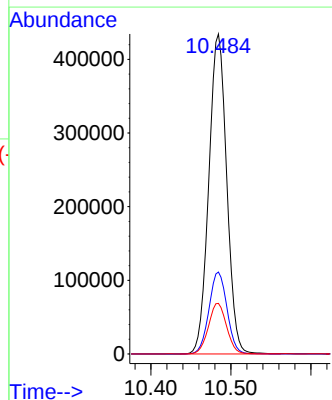
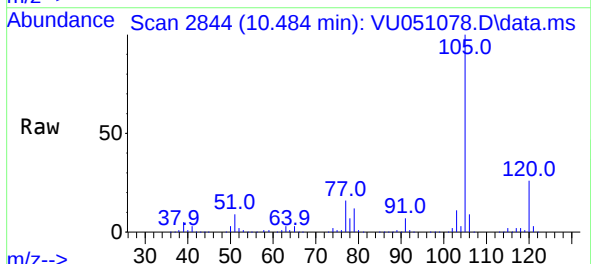
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

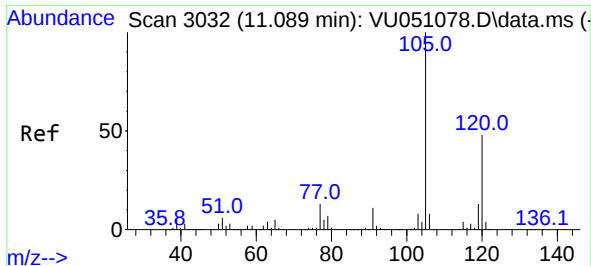
Tgt Ion: 75 Resp: 254588
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 36.6 30.0 45.0



#61
Isopropylbenzene
Concen: 50.139 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 105 Resp: 677100
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.1 12.8 19.2

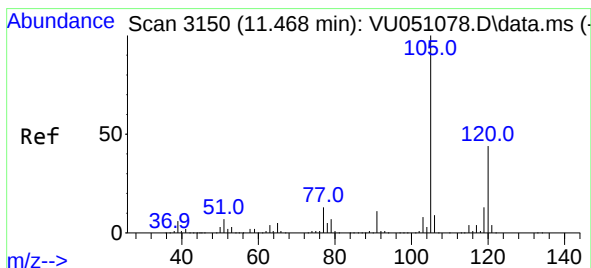
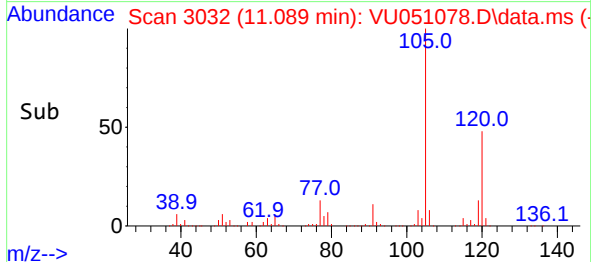
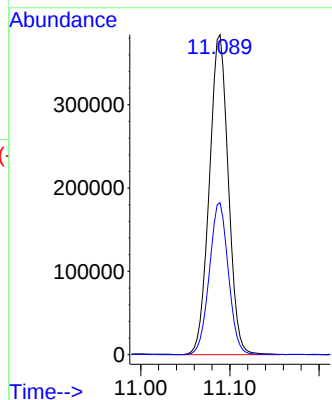
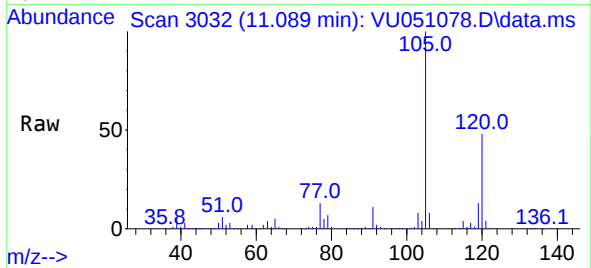




#62
1,3,5-Trimethylbenzene
Concen: 51.456 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

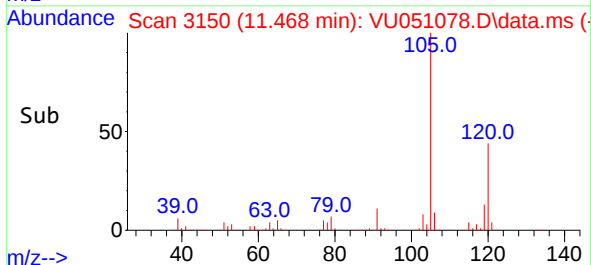
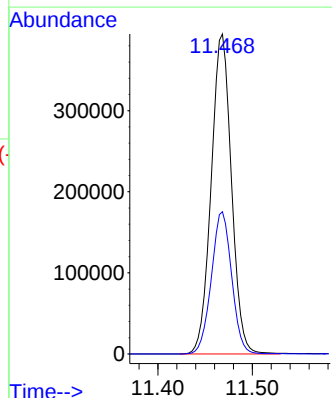
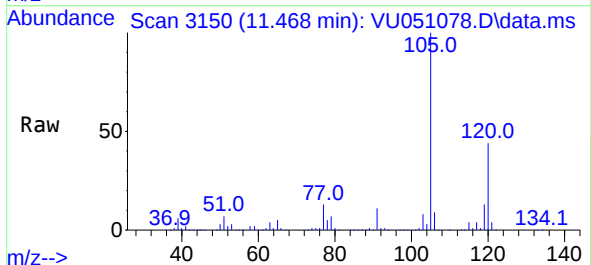
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

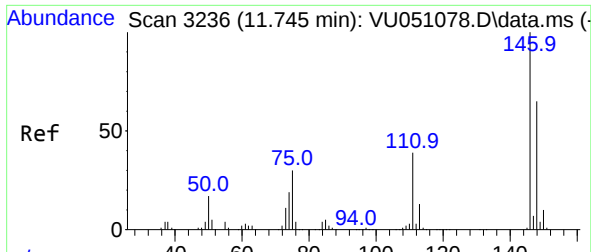
Tgt Ion:105 Resp: 568213
Ion Ratio Lower Upper
105 100
120 47.6 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 53.050 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:105 Resp: 587146
Ion Ratio Lower Upper
105 100
120 44.5 35.5 53.3

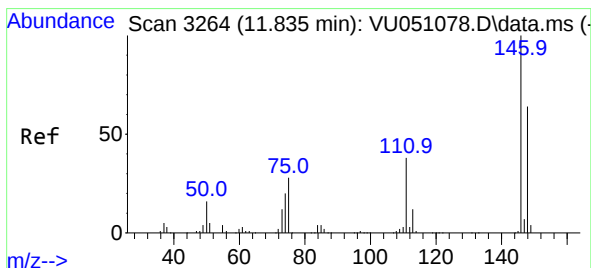
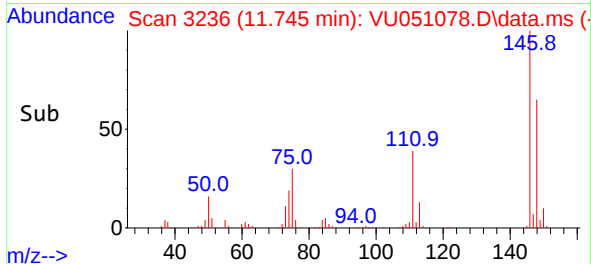
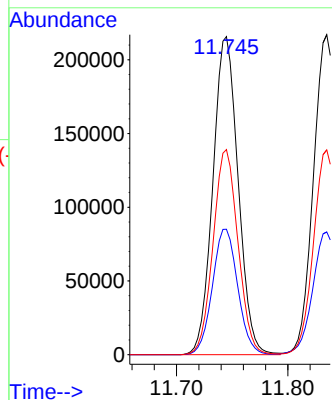
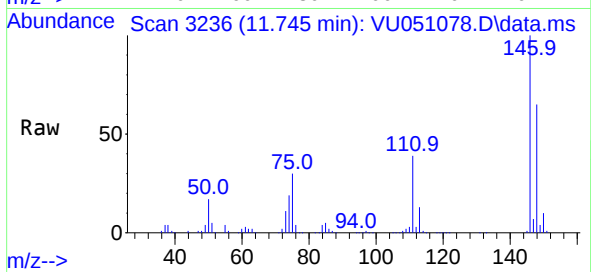




#64
1,3-Dichlorobenzene
Concen: 48.808 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

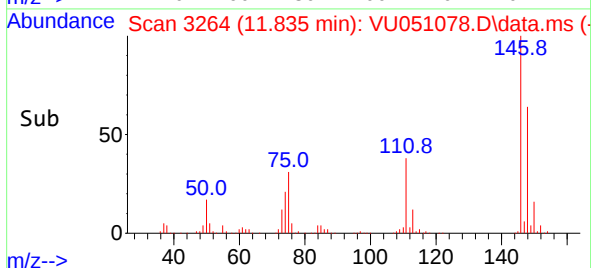
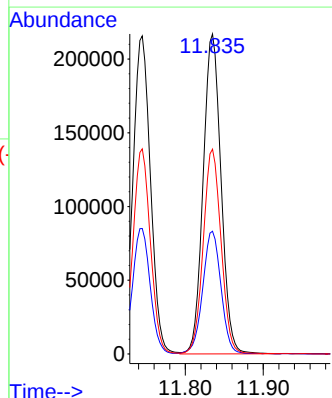
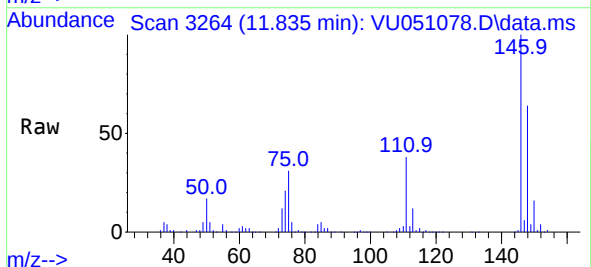
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

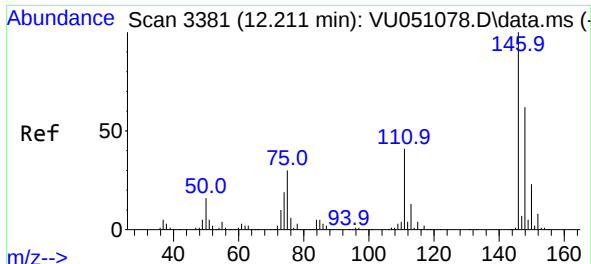
Tgt Ion:146 Resp: 339798
Ion Ratio Lower Upper
146 100
111 39.4 28.2 52.4
148 64.5 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 49.674 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:146 Resp: 345697
Ion Ratio Lower Upper
146 100
111 38.3 27.0 50.2
148 64.0 45.1 83.9

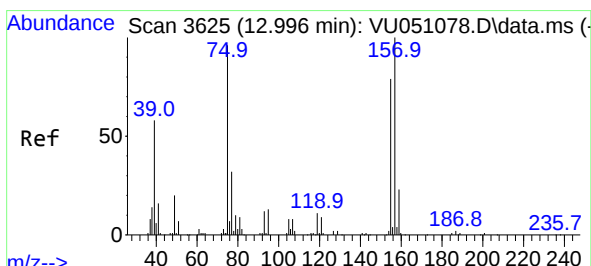
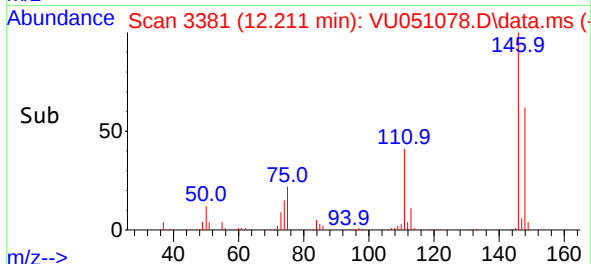
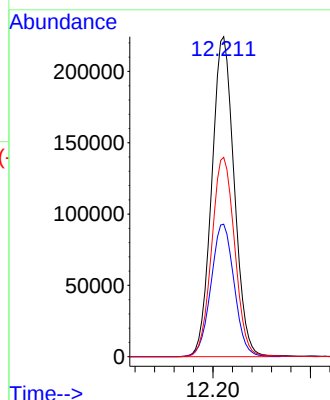
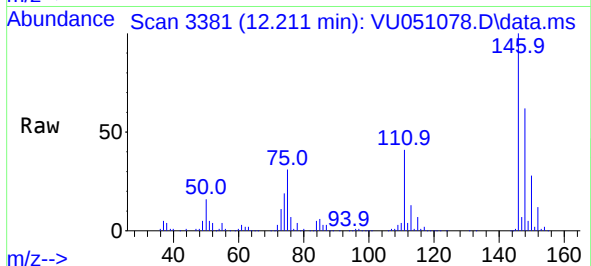




#67
1,2-Dichlorobenzene
Concen: 50.250 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

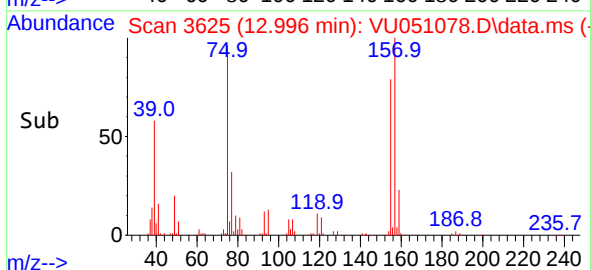
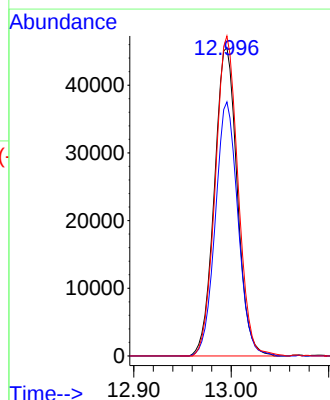
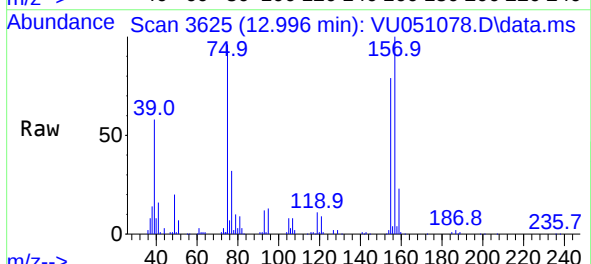
Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

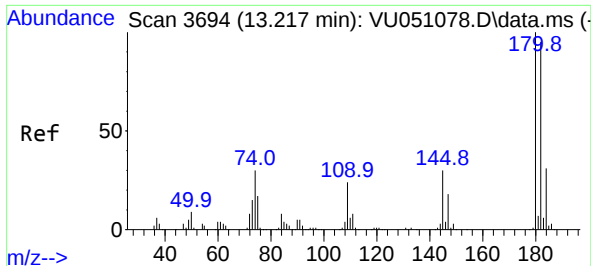
Tgt Ion:146 Resp: 359432
Ion Ratio Lower Upper
146 100
111 41.4 33.7 50.5
148 62.3 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 46.484 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion: 75 Resp: 74211
Ion Ratio Lower Upper
75 100
155 86.8 64.4 96.6
157 103.8 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 47.437 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD050105

Tgt Ion:180 Resp: 223955

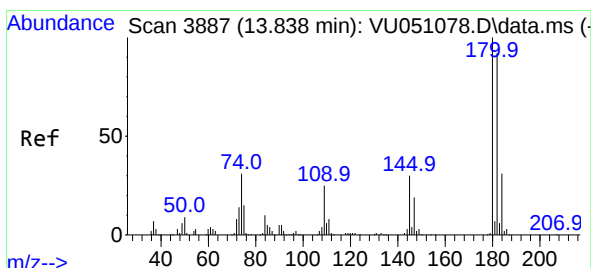
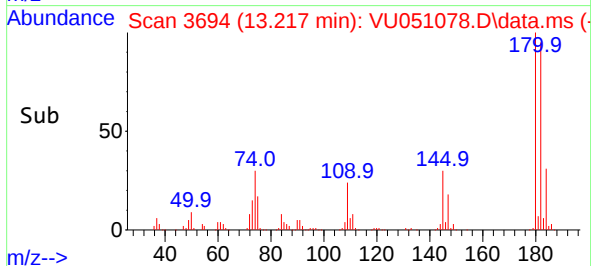
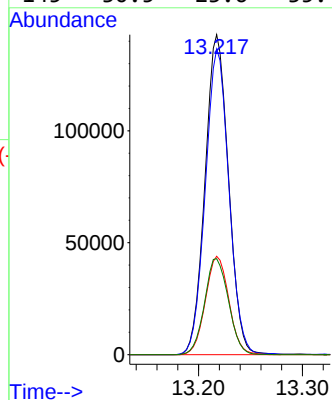
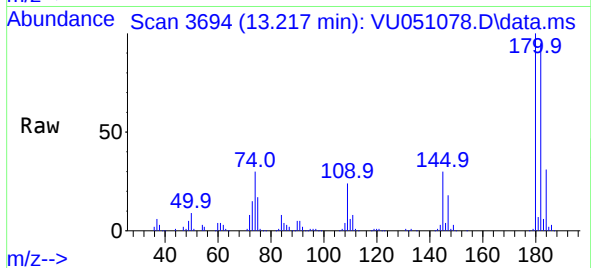
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

184 30.8 24.4 36.6

145 30.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 43.619 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051078.D

Acq: 03 Oct 2022 10:55

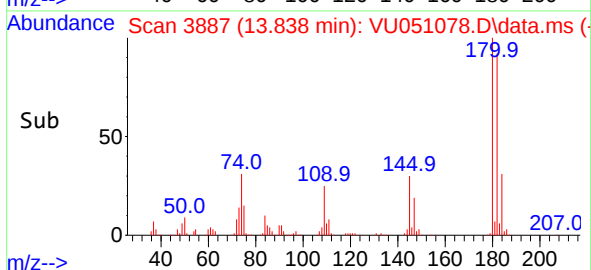
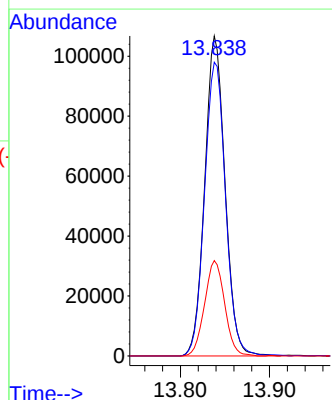
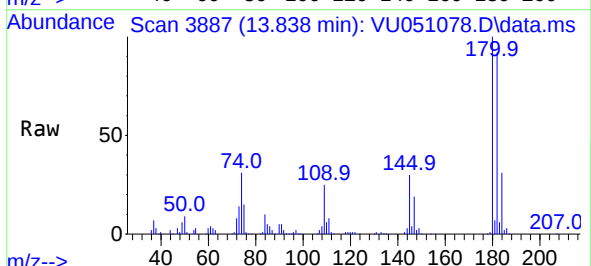
Tgt Ion:180 Resp: 168487

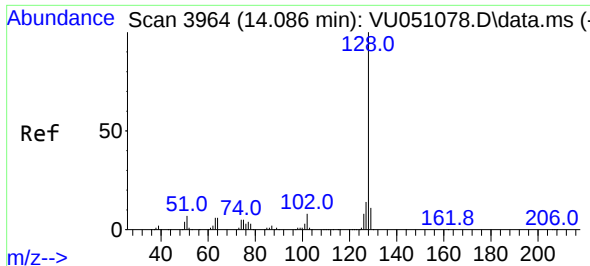
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 29.5 24.0 36.0



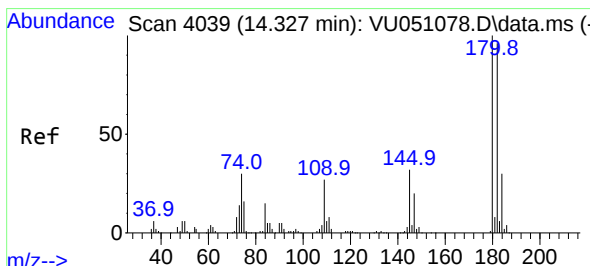
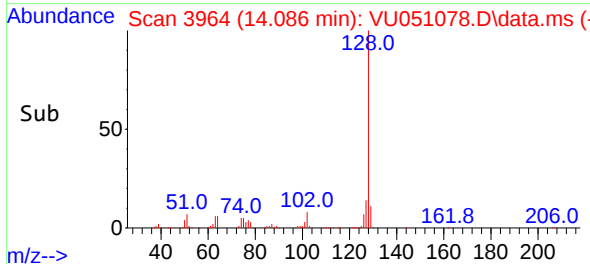
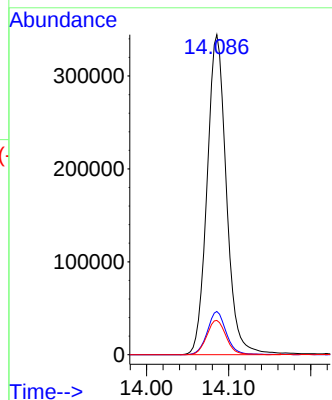
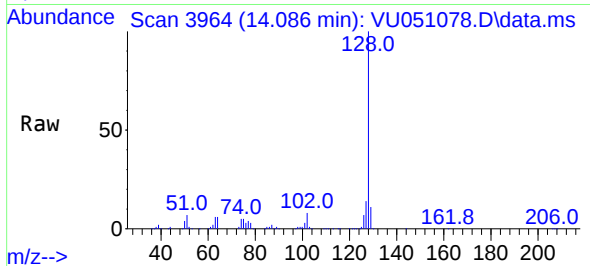


#71
Naphthalene
Concen: 40.788 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD050105

Tgt Ion:128 Resp: 563911

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 44.814 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051078.D
Acq: 03 Oct 2022 10:55

Tgt Ion:180 Resp: 193161

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.0	114.0
145	32.1	26.1	39.1

