

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050285.D
 Acq On : 12 Aug 2022 16:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 23:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28275	3.657	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.909	69	27701	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.562	65	10969	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.629	46	103098	54.686	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.380%
24) Chloroform-d	5.064	84	66888	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	34347	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.729	84	116319	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.694	67	41696	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.899	98	98668	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.179	79	14398	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.636	63	59684	50.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39432	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	34519	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	41665	4.892	ug/L	98
3) Chloromethane	1.520	50	55585	4.989	ug/L	99
5) Vinyl chloride	1.601	62	51342	5.144	ug/L	99
6) Bromomethane	1.851	94	43741	6.866	ug/L	100
8) Chloroethane	1.929	64	31198	5.305	ug/L	100
9) Trichlorofluoromethane	2.134	101	58461	5.349	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	32971	5.423	ug/L	97
12) 1,1-Dichloroethene	2.575	96	31967	4.978	ug/L	89
13) Acetone	2.633	43	64776	61.696	ug/L	91
14) Carbon disulfide	2.787	76	107052	4.668	ug/L	100
15) Methyl Acetate	2.954	43	17486	6.100	ug/L	92
16) Methylene chloride	3.044	84	45519	4.639	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	85867	5.124	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	35965	5.002	ug/L	98
19) 1,1-Dichloroethane	3.867	63	72563	5.330	ug/L	98
21) 2-Butanone	4.710	43	110579	58.570	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	42082	5.273	ug/L	97
23) Bromochloromethane	4.973	128	20075	5.263	ug/L	95
25) Chloroform	5.089	83	77456	5.336	ug/L	100

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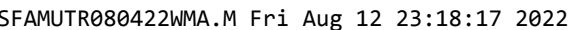
Instrument :
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 ClientSampleId :

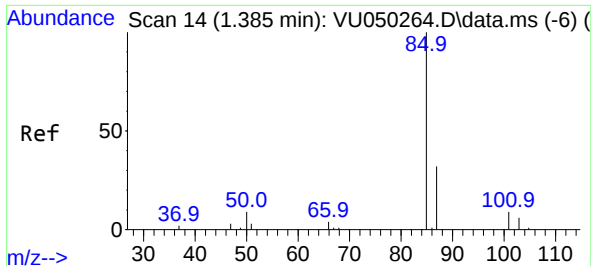
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48482	5.488	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	59015	5.291	ug/L	98
30) Cyclohexane	5.388	56	47881	4.927	ug/L	99
31) Carbon tetrachloride	5.527	117	48558	5.311	ug/L	98
33) Benzene	5.774	78	165971	5.210	ug/L	100
34) Trichloroethene	6.543	95	38828	5.040	ug/L	99
35) Methylcyclohexane	6.764	83	48896	4.916	ug/L	98
37) 1,2-Dichloropropane	6.793	63	44446	5.238	ug/L	98
38) Bromodichloromethane	7.105	83	55217	5.357	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	54839	4.952	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	263781	53.672	ug/L	98
42) Toluene	7.970	91	170898	5.349	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	48215	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33101	5.219	ug/L	94
47) Tetrachloroethene	8.555	164	28208	5.110	ug/L	98
48) 2-Hexanone	8.687	43	208326	54.805	ug/L	98
49) Dibromochloromethane	8.809	129	37263	5.308	ug/L	98
50) 1,2-Dibromoethane	8.925	107	30448	5.294	ug/L	99
51) Chlorobenzene	9.446	112	103250	5.137	ug/L	99
52) Ethylbenzene	9.571	91	156952	5.035	ug/L	100
53) m,p-Xylene	9.694	106	60085	5.233	ug/L	98
54) o-Xylene	10.102	106	60418	5.272	ug/L	98
55) Styrene	10.115	104	102250	5.340	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	44828	5.378	ug/L	99
59) Bromoform	10.292	173	20764	4.752	ug/L	96
60) Isopropylbenzene	10.485	105	148344	5.098	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	29366	4.948	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	39086	4.755	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	108340	4.837	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	71962	4.907	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	70911	4.969	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72195	5.083	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6253	5.373	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	50114	4.797	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	37935	4.792	ug/L	98
71) Naphthalene	14.089	128	67544	4.161	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	39687	4.946	ug/L	97

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

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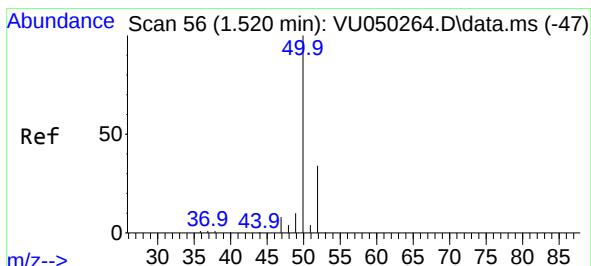
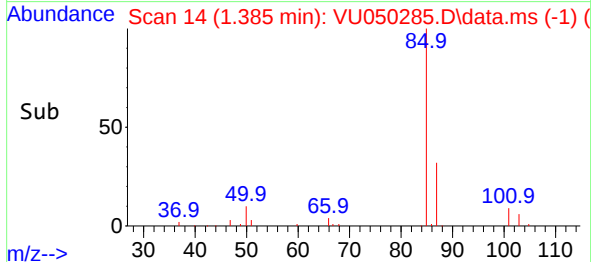
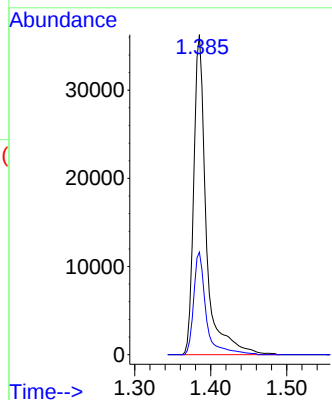
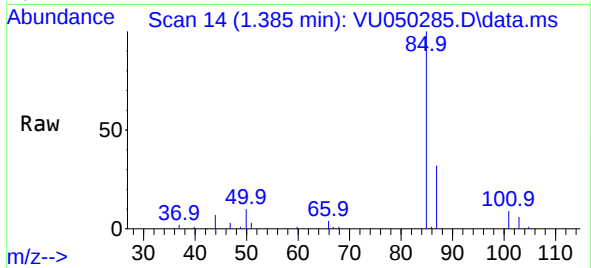




#2
Dichlorodifluoromethane
Concen: 4.892 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

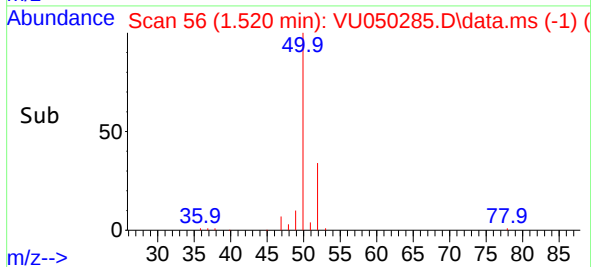
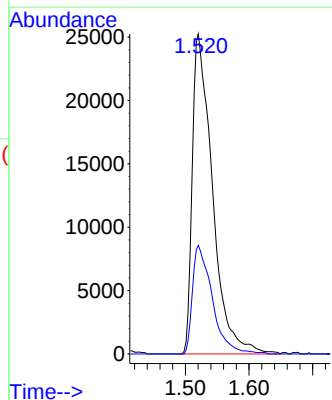
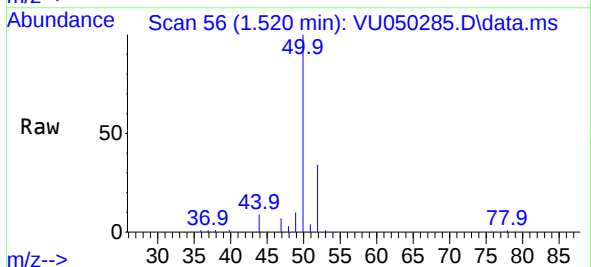
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MSVOA_U
ClientSampleId :

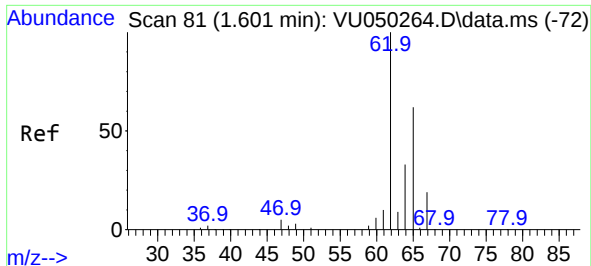
Tgt Ion: 85 Resp: 41665
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4



#3
Chloromethane
Concen: 4.989 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

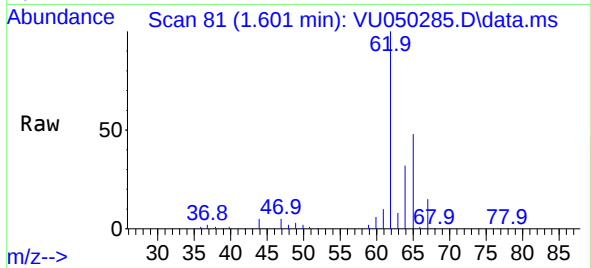
Tgt Ion: 50 Resp: 55585
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2



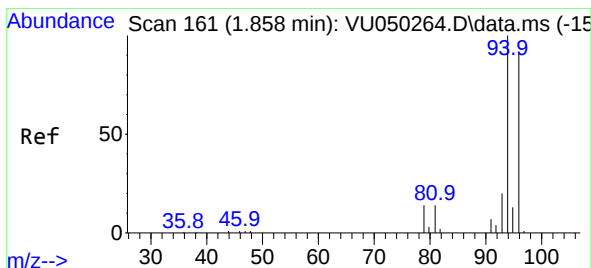
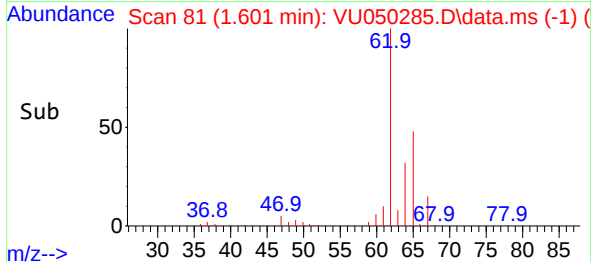
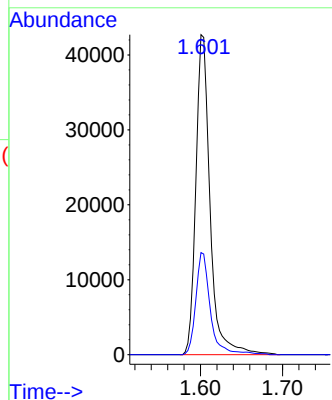


#5
 Vinyl chloride
 Concen: 5.144 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

Instrument :
 MSVOA_U
 ClientSampleId :

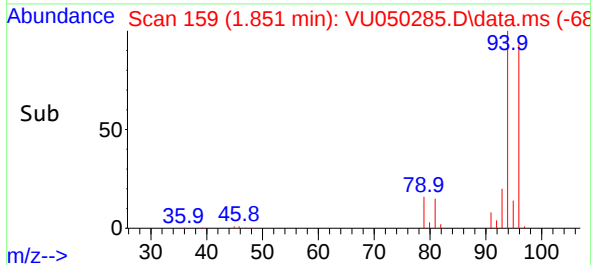
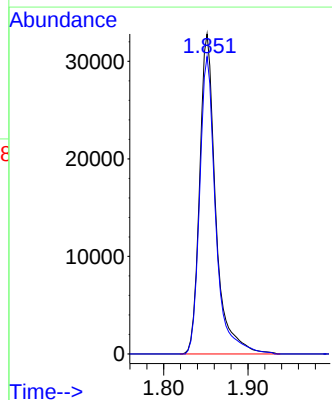
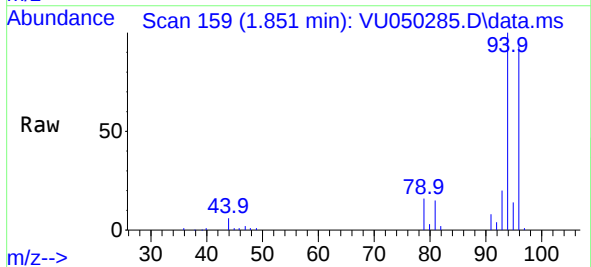


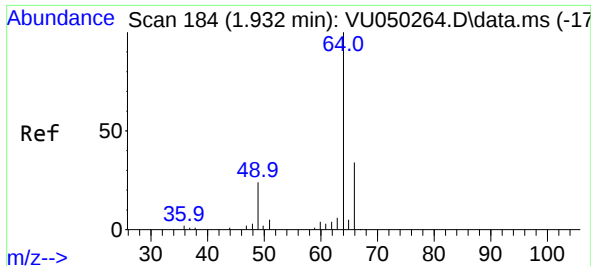
Tgt Ion: 62 Resp: 51342
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 6.866 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.006 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

Tgt Ion: 94 Resp: 43741
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.3 121.3

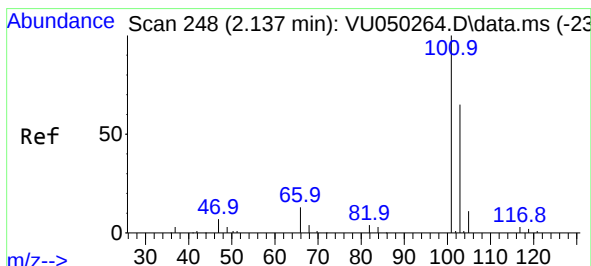
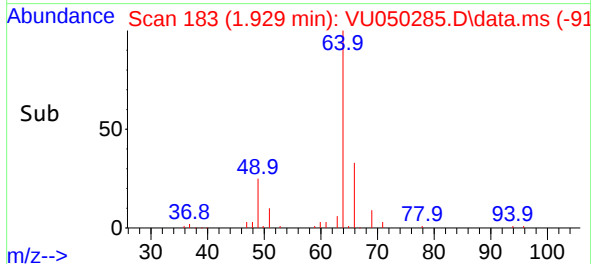
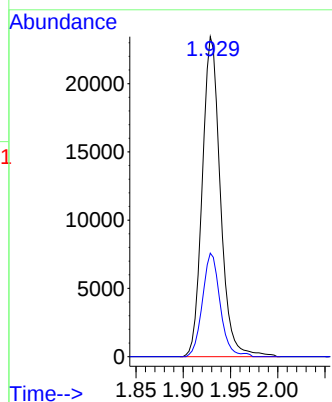
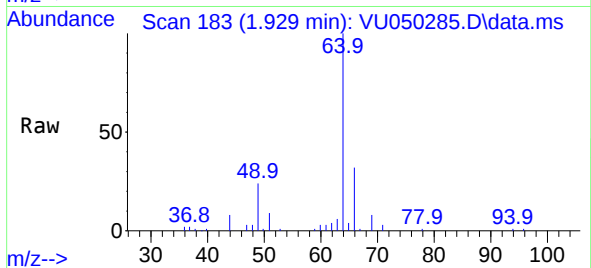




#8
Chloroethane
Concen: 5.305 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

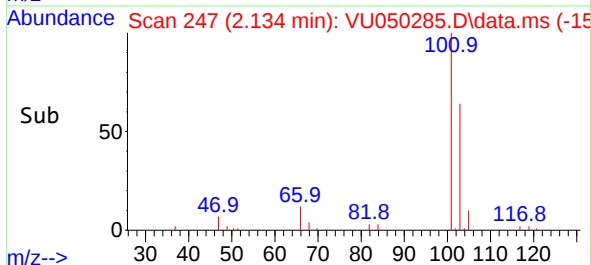
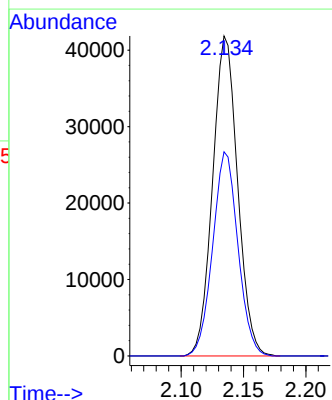
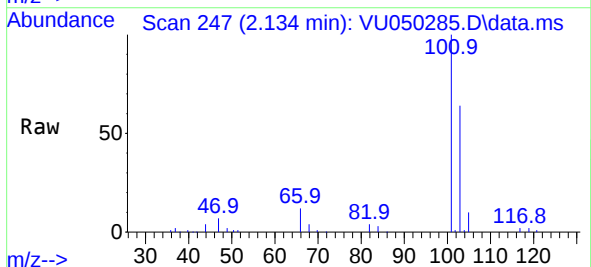
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ClientSampleId :

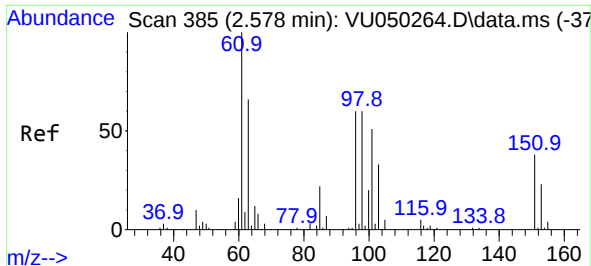
Tgt Ion: 64 Resp: 31198
Ion Ratio Lower Upper
64 100
66 32.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.349 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion:101 Resp: 58461
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

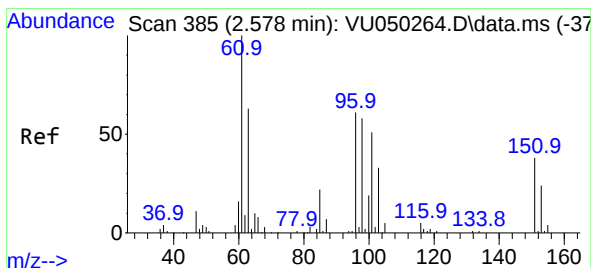
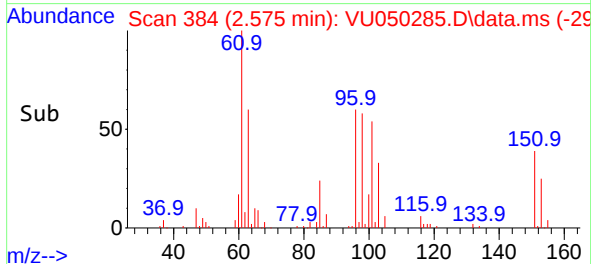
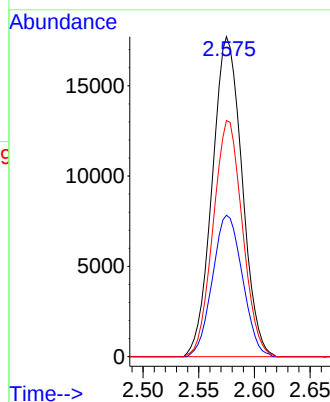
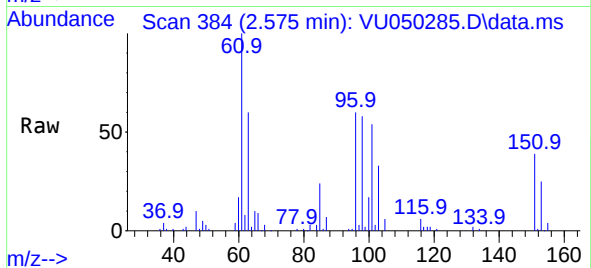




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.423 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

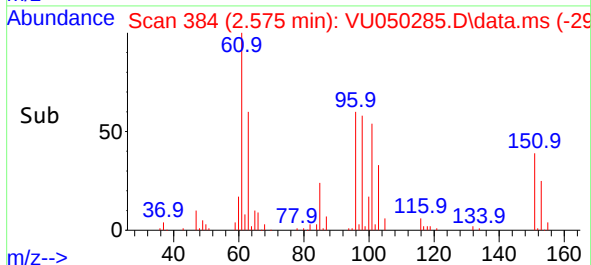
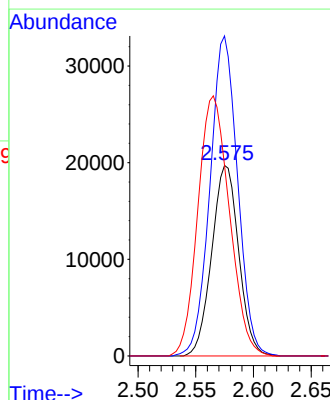
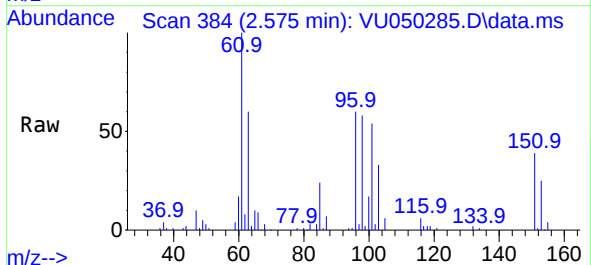
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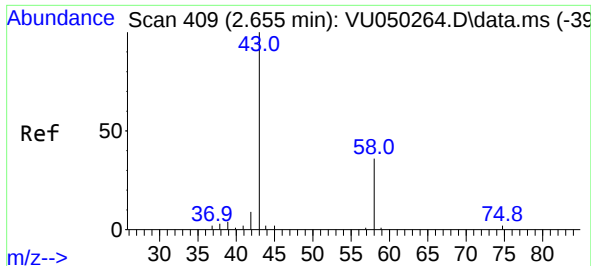
Tgt Ion:101 Resp: 32971
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 72.6 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.978 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

Tgt Ion: 96 Resp: 31967
 Ion Ratio Lower Upper
 96 100
 61 167.9 122.7 227.9
 63 100.1 85.1 158.1

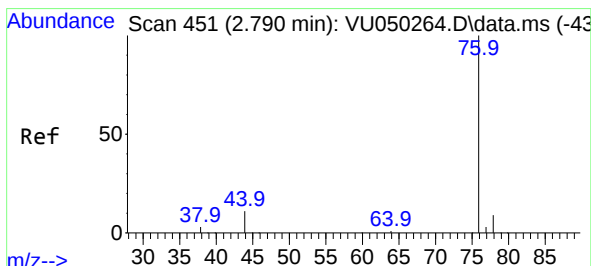
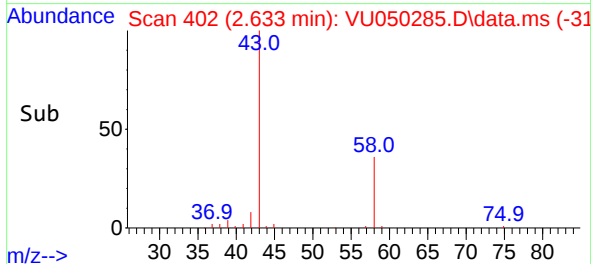
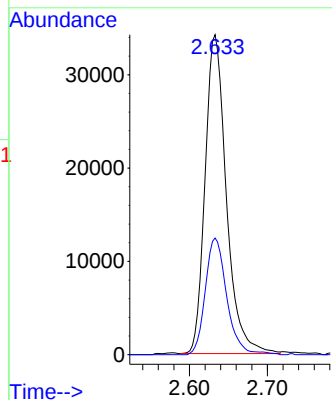
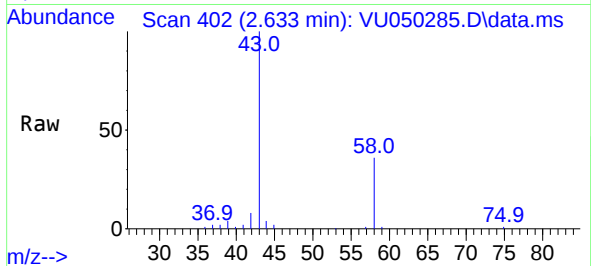




#13
Acetone
Concen: 61.696 ug/L
RT: 2.633 min Scan# 409
Delta R.T. -0.022 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

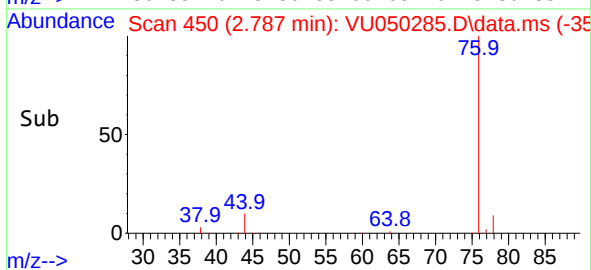
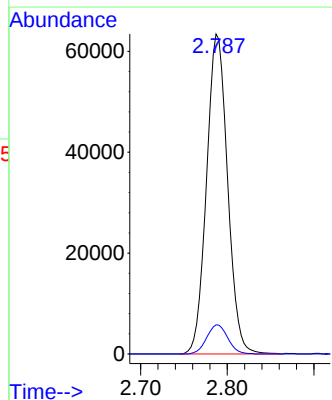
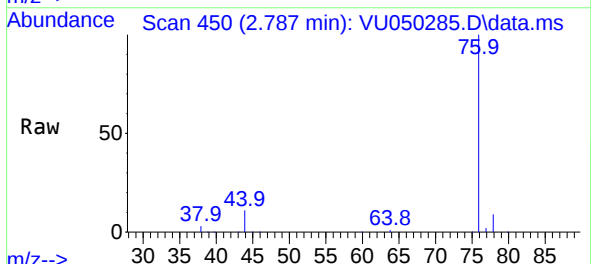
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ClientSampleId :

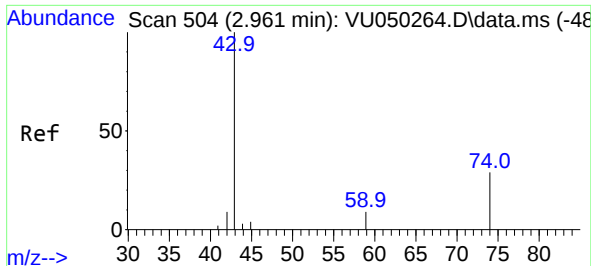
Tgt Ion: 43 Resp: 64776
Ion Ratio Lower Upper
43 100
58 37.0 0.0 64.0



#14
Carbon disulfide
Concen: 4.668 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 76 Resp: 107052
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

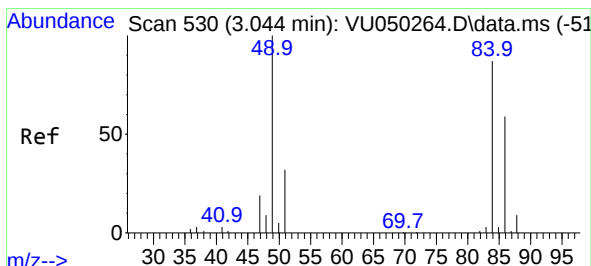
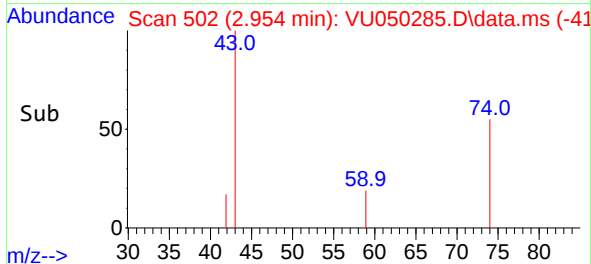
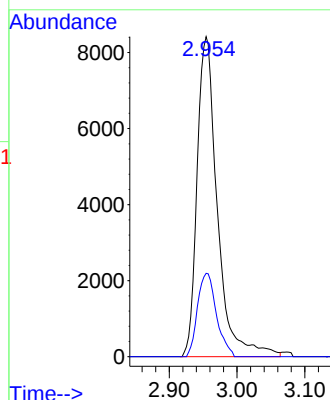
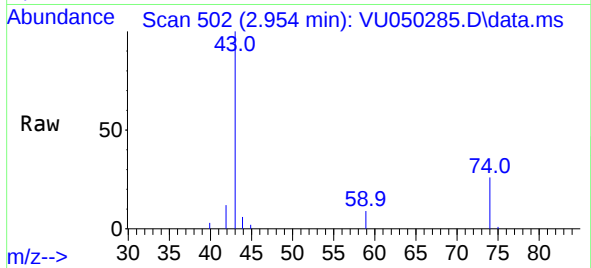




#15
Methyl Acetate
Concen: 6.100 ug/L
RT: 2.954 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

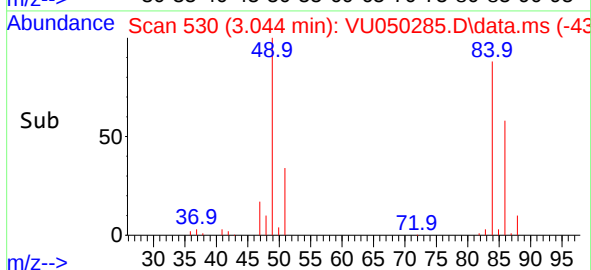
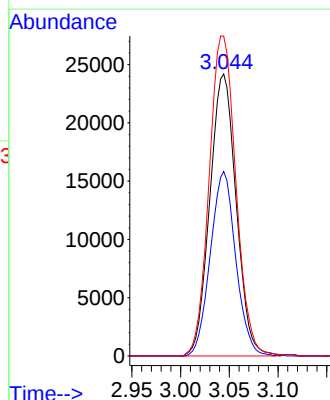
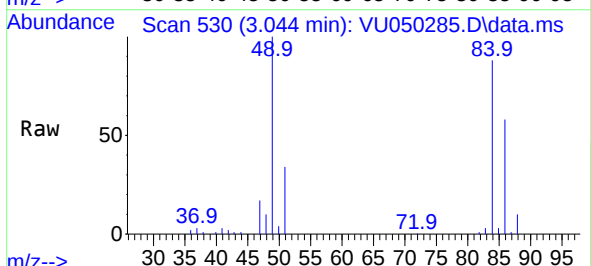
Instrument :
MSVOA_U
ClientSampleId :

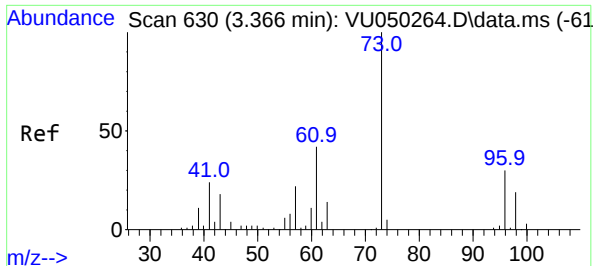
Tgt Ion: 43 Resp: 17486
Ion Ratio Lower Upper
43 100
74 24.2 22.7 34.1



#16
Methylene chloride
Concen: 4.639 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

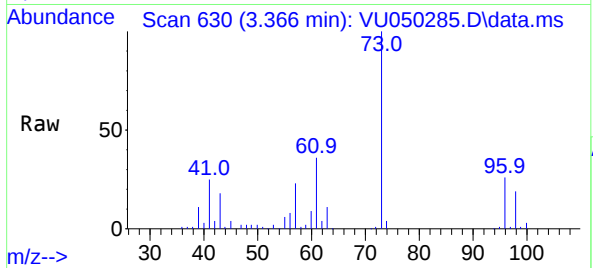
Tgt Ion: 84 Resp: 45519
Ion Ratio Lower Upper
84 100
86 65.4 45.9 85.3
49 113.4 77.6 144.0



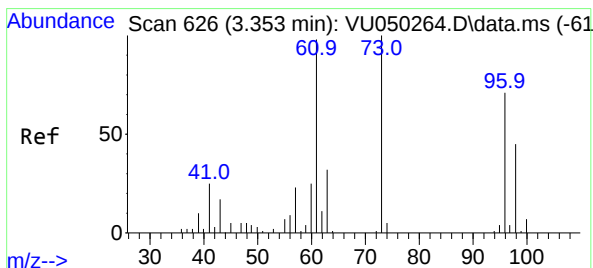
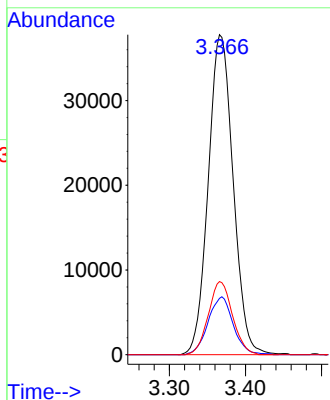
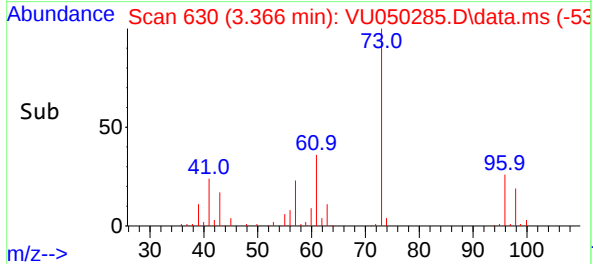


#17
Methyl tert-butyl Ether
Concen: 5.124 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

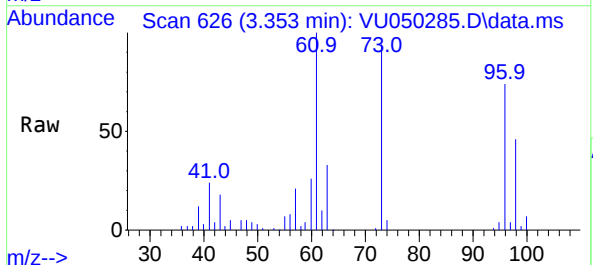
Instrument :
MSVOA_U
ClientSampleId :



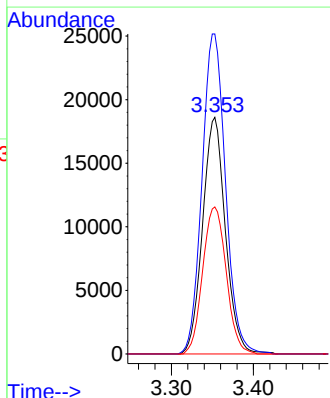
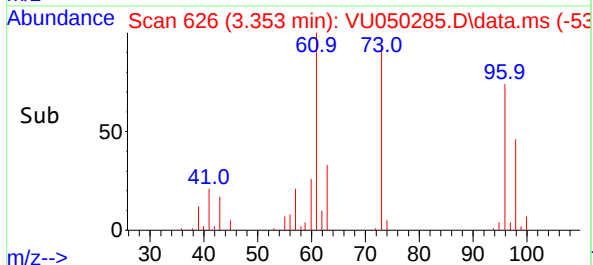
Tgt Ion: 73 Resp: 85867
Ion Ratio Lower Upper
73 100
43 18.4 13.5 20.3
57 22.2 17.4 26.2

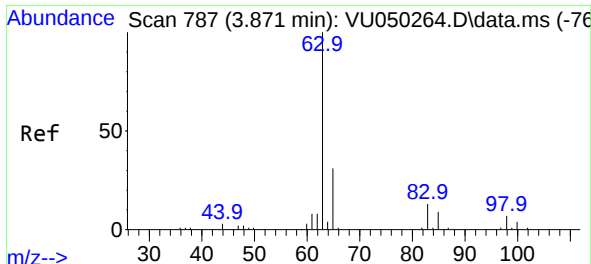


#18
trans-1,2-Dichloroethene
Concen: 5.002 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31



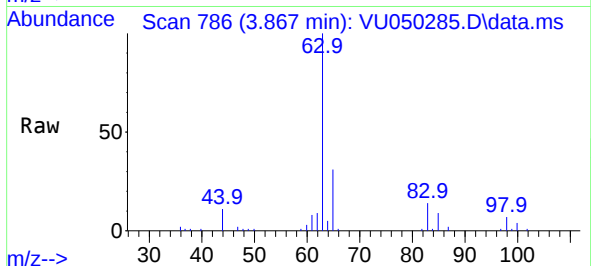
Tgt Ion: 96 Resp: 35965
Ion Ratio Lower Upper
96 100
61 135.2 92.3 171.5
98 62.1 43.2 80.2



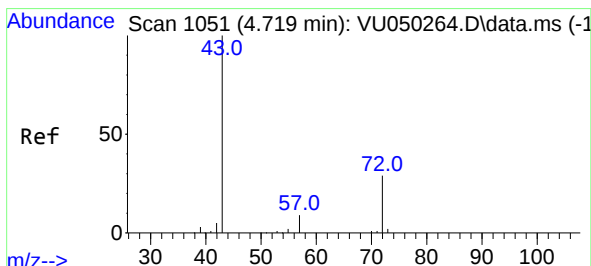
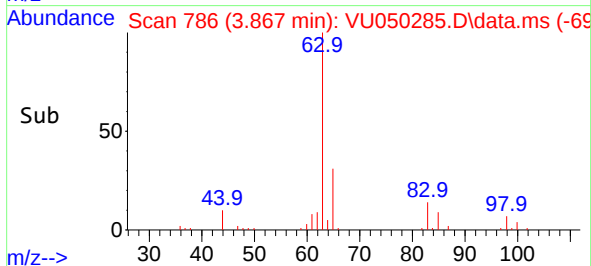
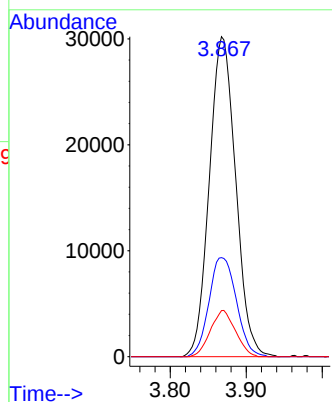


#19
1,1-Dichloroethane
Concen: 5.330 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :

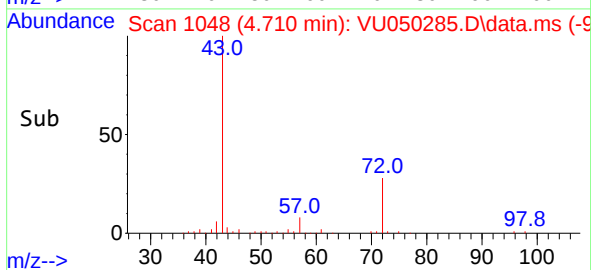
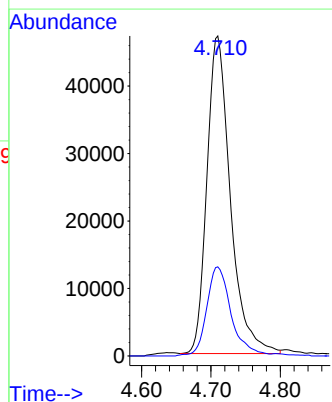
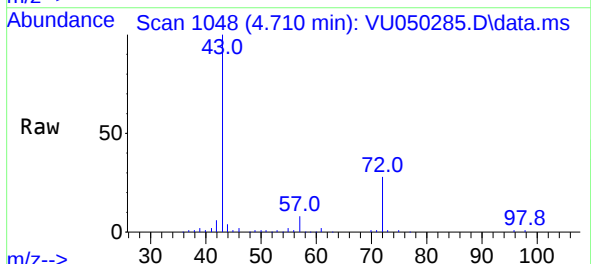


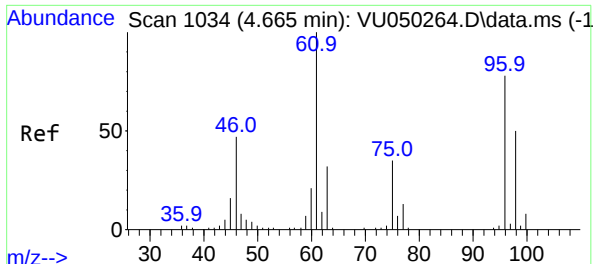
Tgt Ion: 63 Resp: 72563
Ion Ratio Lower Upper
63 100
65 30.9 22.7 42.3
83 14.4 9.8 18.2



#21
2-Butanone
Concen: 58.570 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.010 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 43 Resp: 110579
Ion Ratio Lower Upper
43 100
72 29.3 14.0 42.0

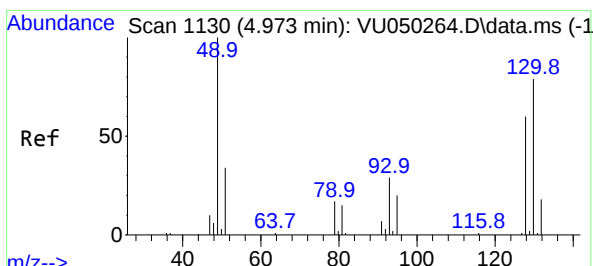
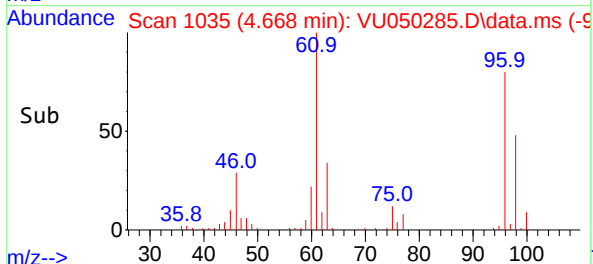
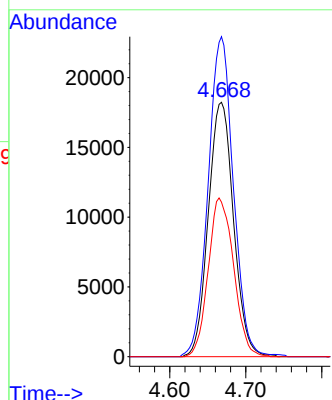
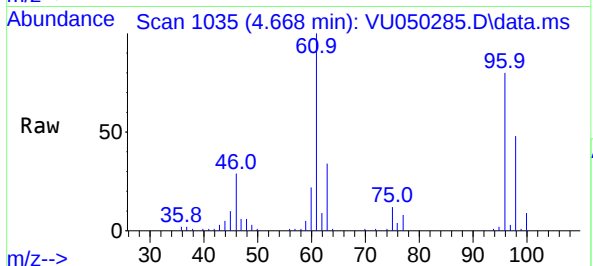




#22
 cis-1,2-Dichloroethene
 Concen: 5.273 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

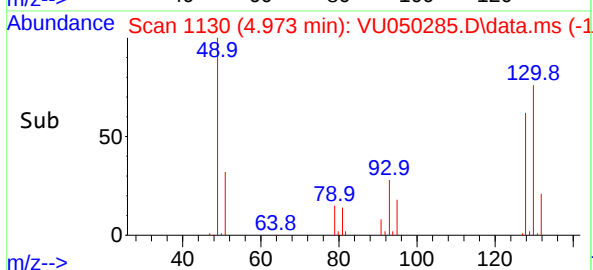
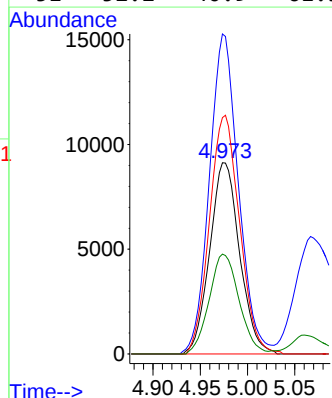
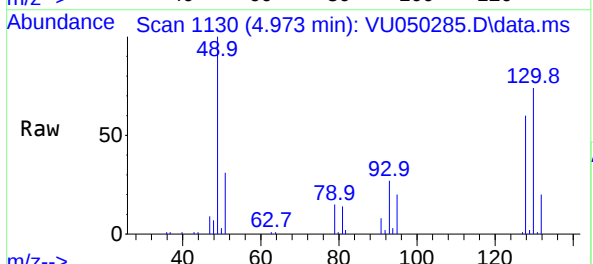
Instrument :
 MSVOA_U
 ClientSampleId :

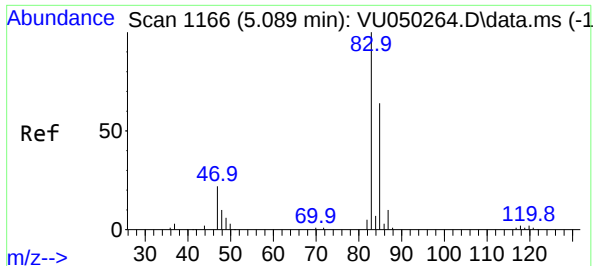
Tgt Ion: 96 Resp: 42082
 Ion Ratio Lower Upper
 96 100
 61 125.7 89.0 165.4
 98 60.7 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.263 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

Tgt Ion: 128 Resp: 20075
 Ion Ratio Lower Upper
 128 100
 49 167.4 111.4 206.8
 130 123.6 90.2 167.4
 51 52.2 40.9 61.3





#25

Chloroform

Concen: 5.336 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

Instrument :

MSVOA_U

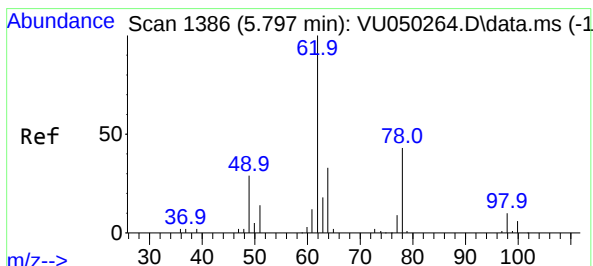
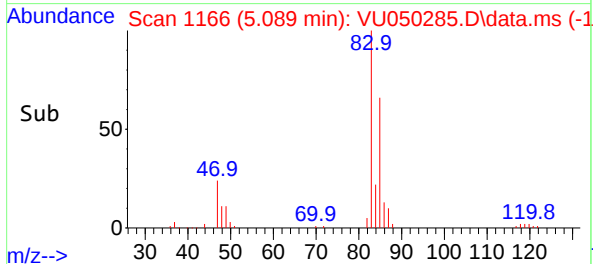
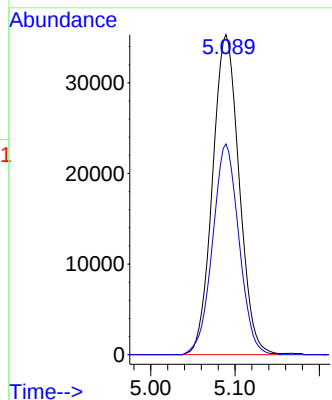
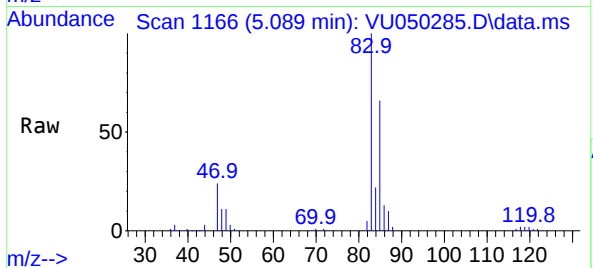
ClientSampleId :

Tgt Ion: 83 Resp: 77456

Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.488 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050285.D

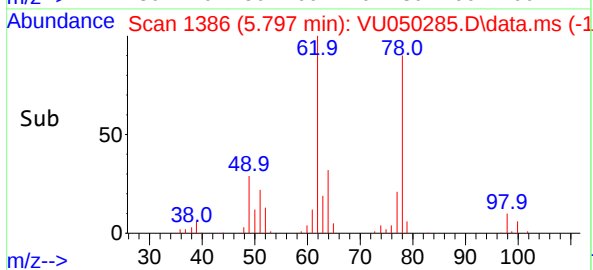
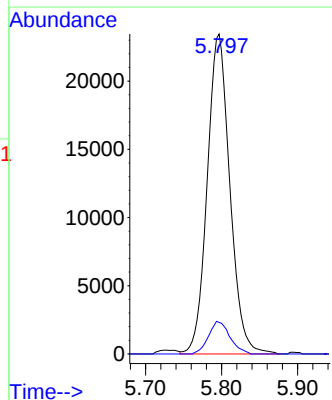
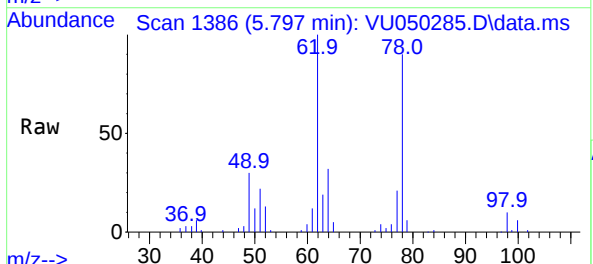
Acq: 12 Aug 2022 16:31

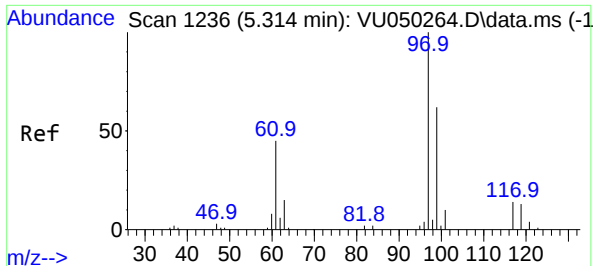
Tgt Ion: 62 Resp: 48482

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8



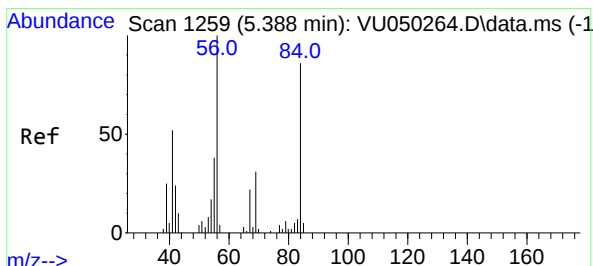
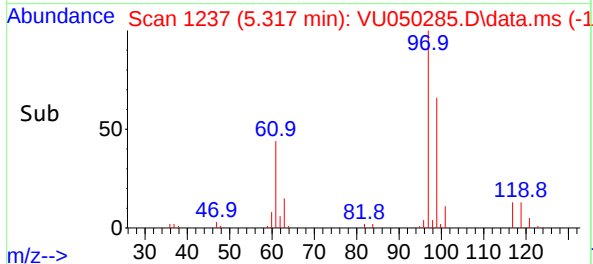
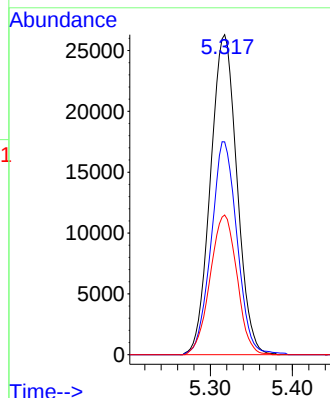
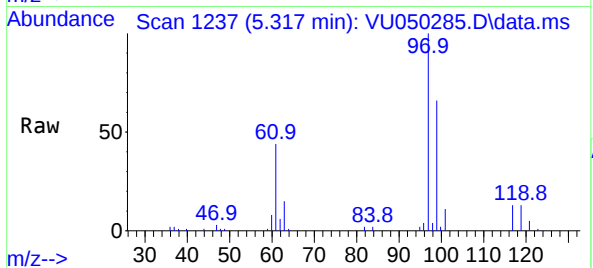


#29
1,1,1-Trichloroethane
Concen: 5.291 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 59015

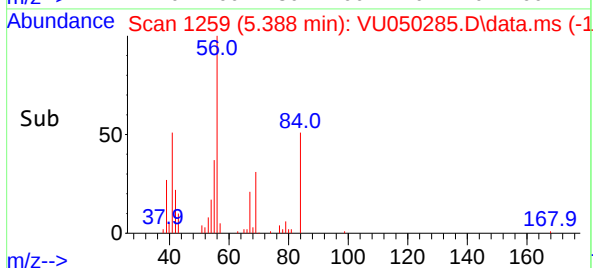
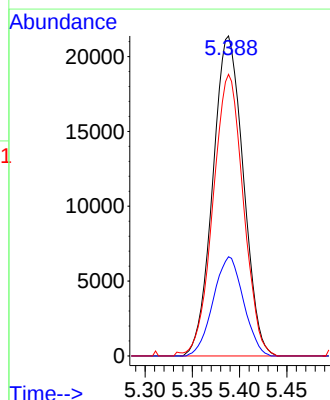
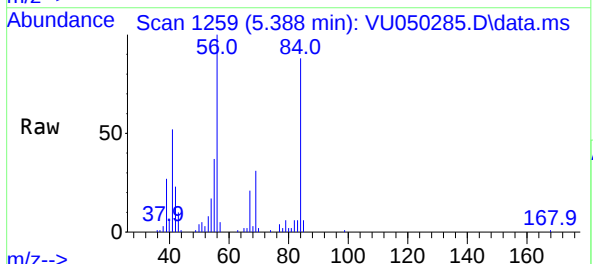
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.5	77.3
61	44.2	34.2	51.4

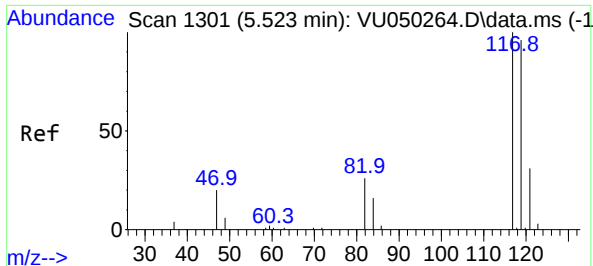


#30
Cyclohexane
Concen: 4.927 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 56 Resp: 47881

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	37.0
84	87.6	69.1	103.7

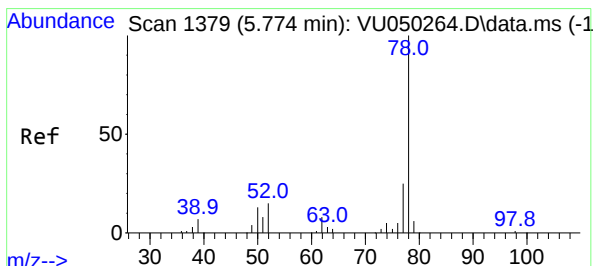
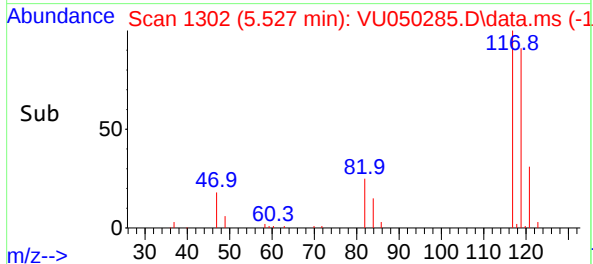
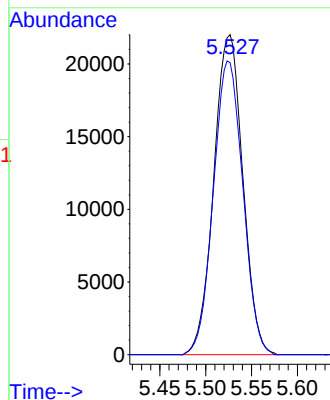
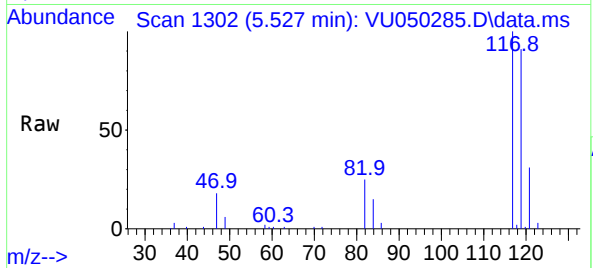




#31
Carbon tetrachloride
Concen: 5.311 ug/L
RT: 5.527 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

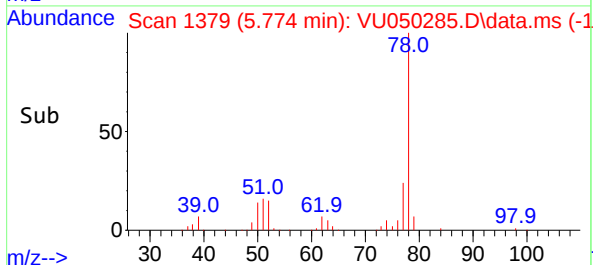
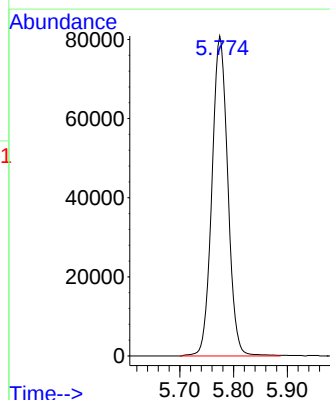
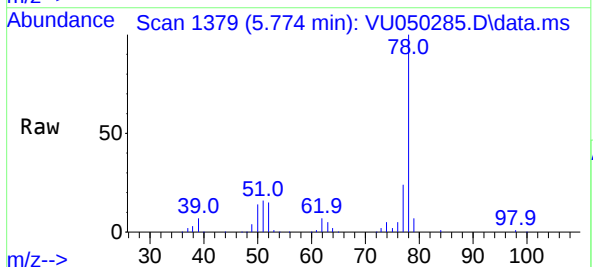
Instrument :
MSVOA_U
ClientSampleId :

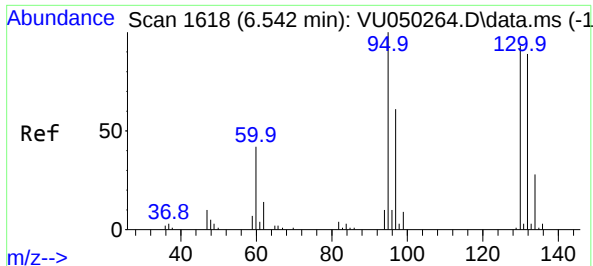
Tgt Ion:117 Resp: 48558
Ion Ratio Lower Upper
117 100
119 93.0 76.0 114.0



#33
Benzene
Concen: 5.210 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 78 Resp: 165971

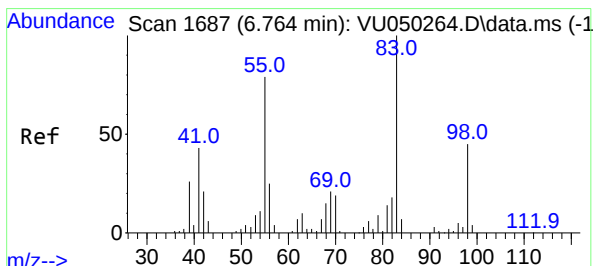
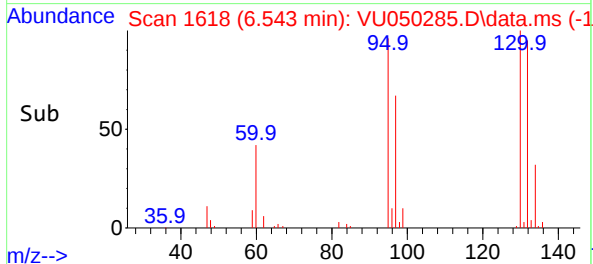
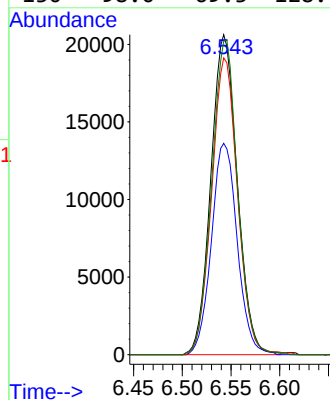
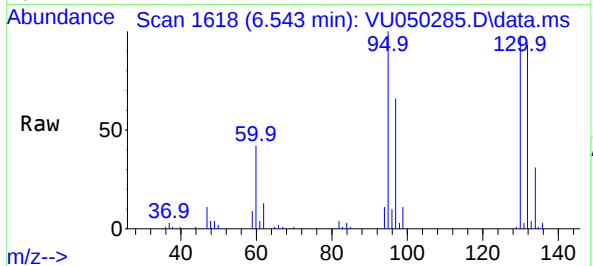




#34
Trichloroethene
Concen: 5.040 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

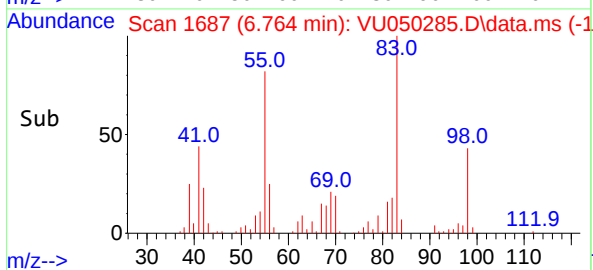
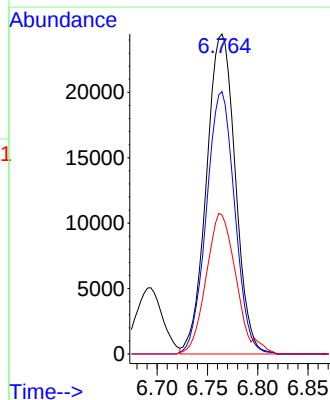
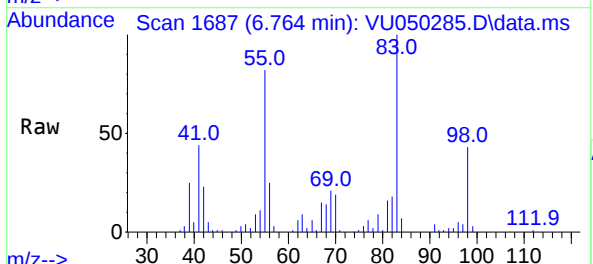
Instrument :
MSVOA_U
ClientSampleId :

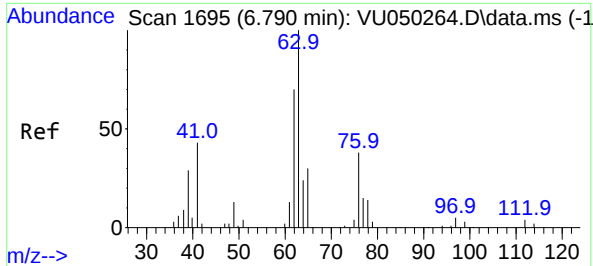
Tgt Ion: 95 Resp: 38828
Ion Ratio Lower Upper
95 100
97 66.0 45.6 84.8
132 92.7 65.0 120.6
130 98.0 69.3 128.7



#35
Methylcyclohexane
Concen: 4.916 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 83 Resp: 48896
Ion Ratio Lower Upper
83 100
55 80.6 62.7 94.1
98 45.5 36.2 54.2

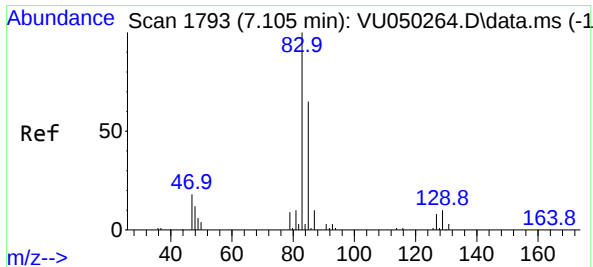
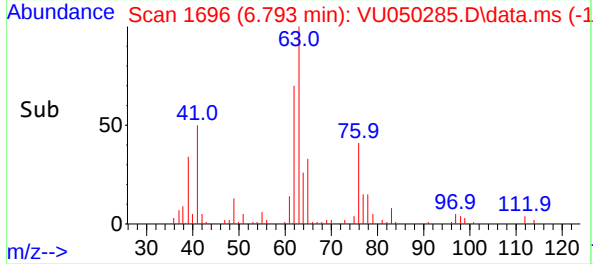
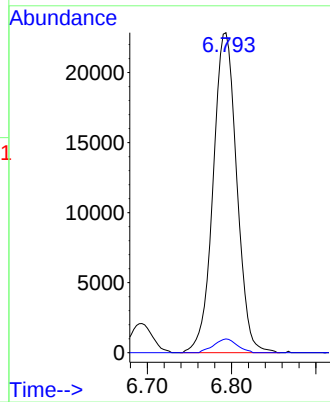
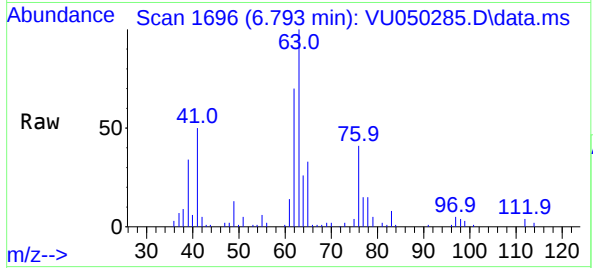




#37
1,2-Dichloropropane
Concen: 5.238 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

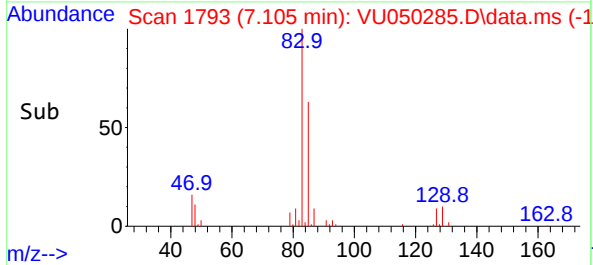
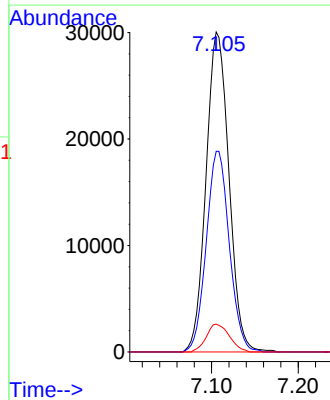
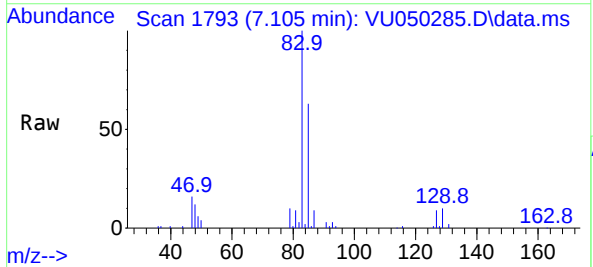
Instrument :
MSVOA_U
ClientSampleId :

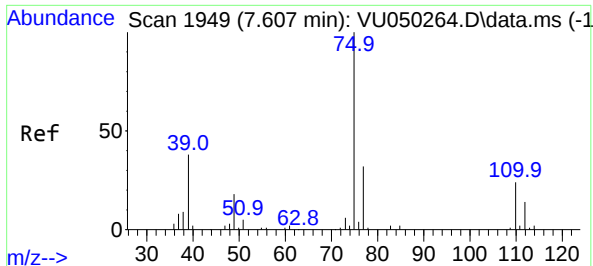
Tgt Ion: 63 Resp: 44446
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.4



#38
Bromodichloromethane
Concen: 5.357 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 83 Resp: 55217
Ion Ratio Lower Upper
83 100
85 62.7 45.1 83.7
127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.952 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

Instrument :

MSVOA_U

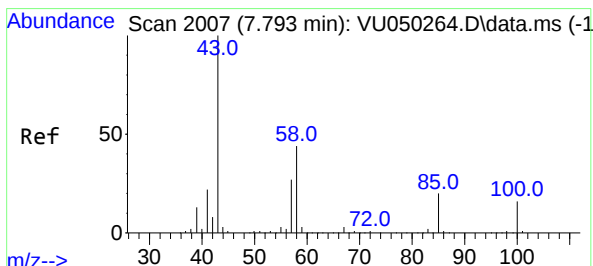
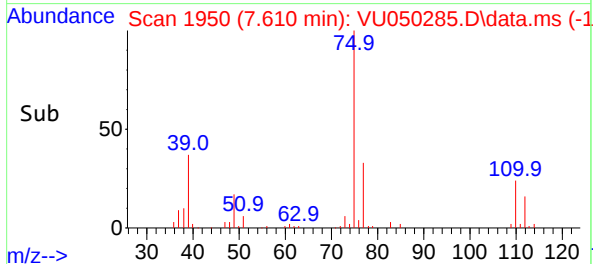
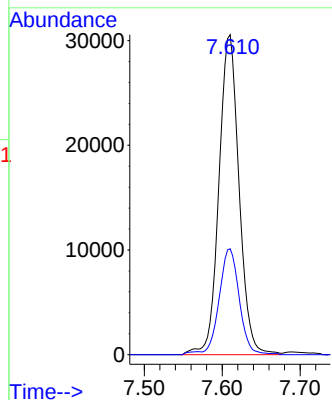
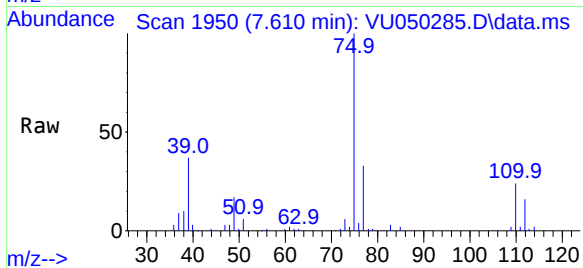
ClientSampleId :

Tgt Ion: 75 Resp: 54839

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 53.672 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

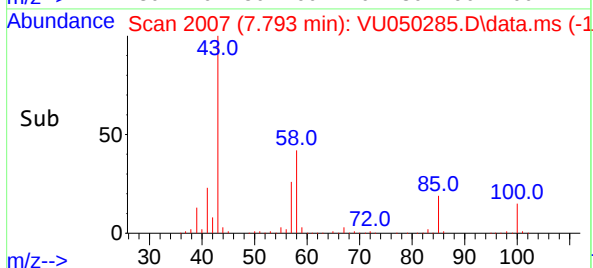
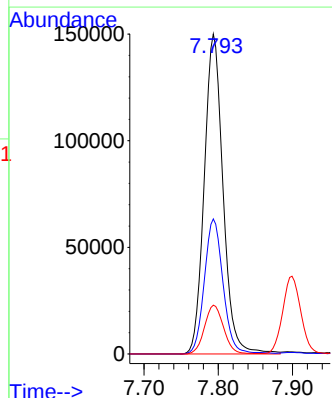
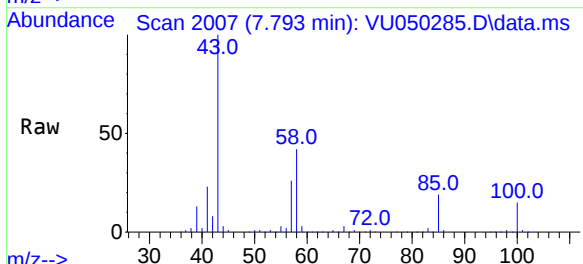
Tgt Ion: 43 Resp: 263781

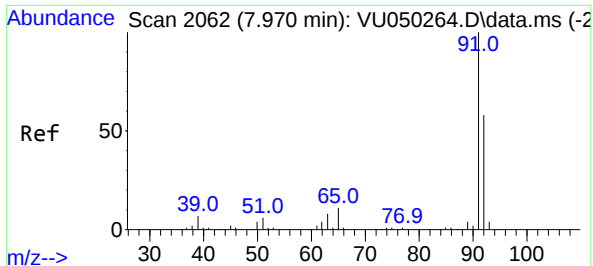
Ion Ratio Lower Upper

43 100

58 42.1 34.6 51.8

100 15.5 13.0 19.4

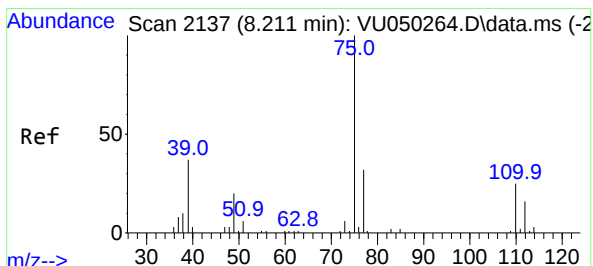
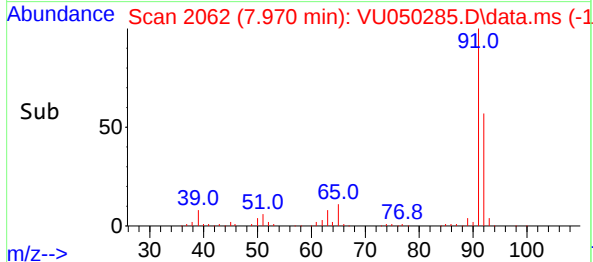
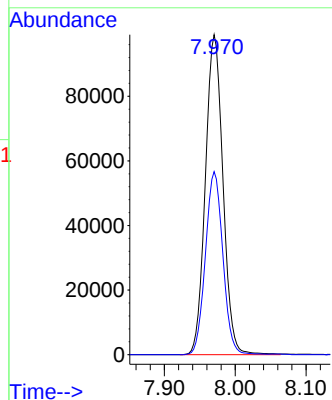
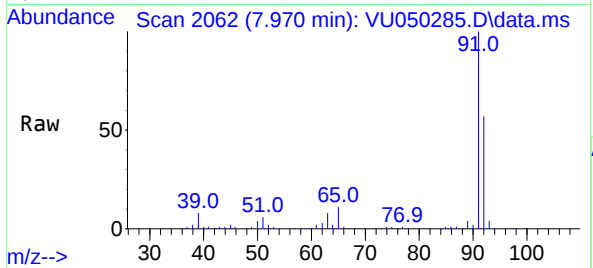




#42
Toluene
Concen: 5.349 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

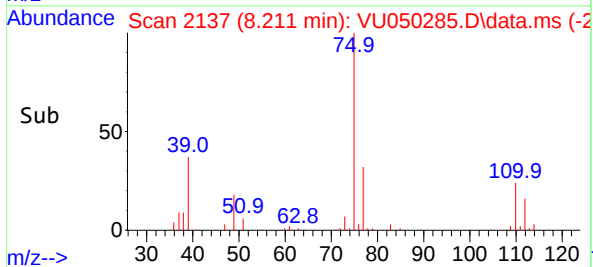
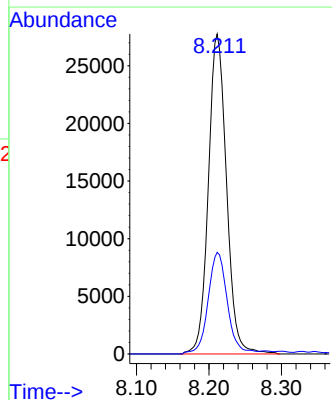
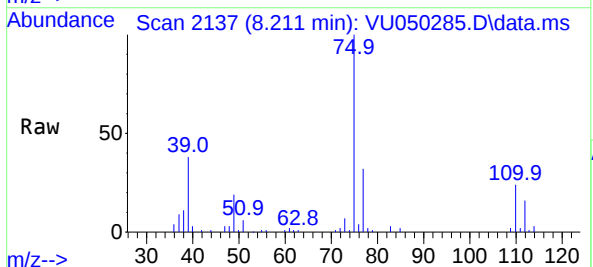
Instrument :
MSVOA_U
ClientSampleId :

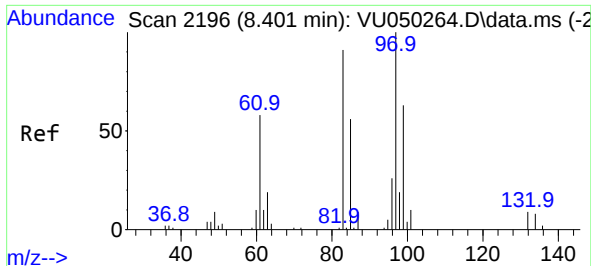
Tgt Ion: 91 Resp: 170898
Ion Ratio Lower Upper
91 100
92 57.2 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 5.077 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 75 Resp: 48215
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.219 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 33101

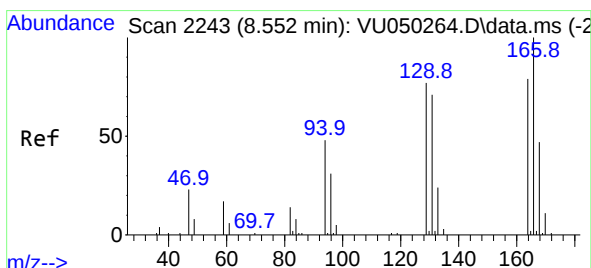
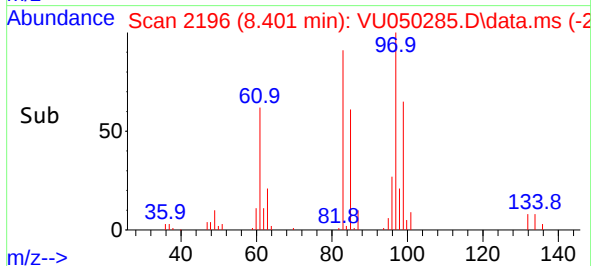
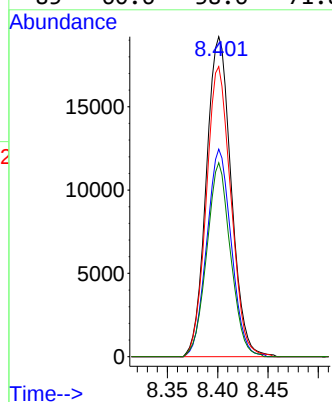
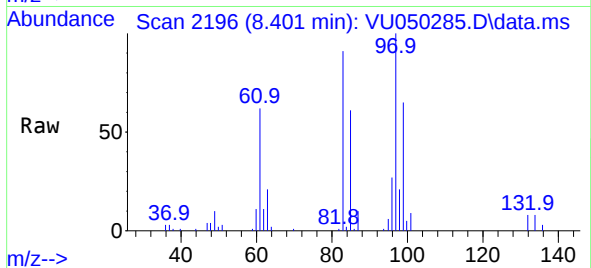
Ion Ratio Lower Upper

97 100

99 64.8 42.2 78.4

83 90.7 59.6 110.6

85 60.6 38.6 71.8



#47

Tetrachloroethene

Concen: 5.110 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

Tgt Ion:164 Resp: 28208

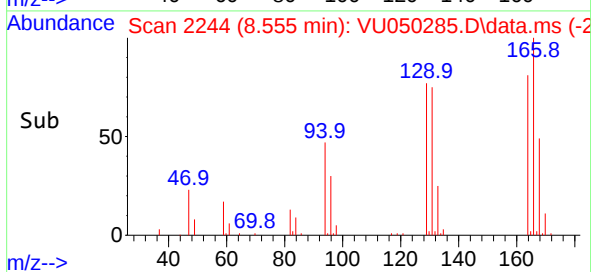
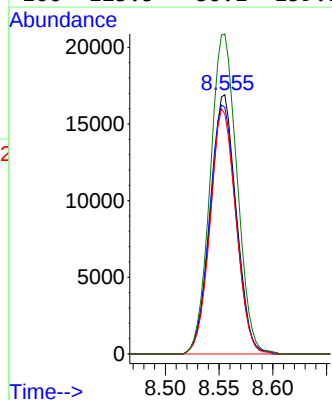
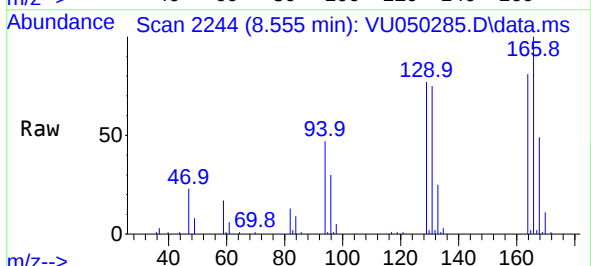
Ion Ratio Lower Upper

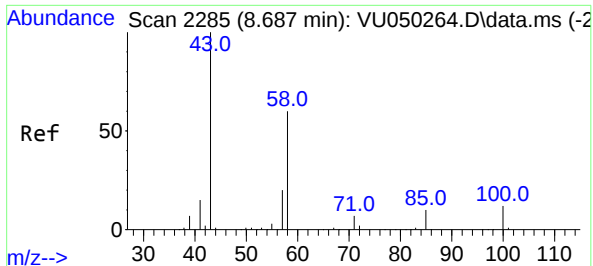
164 100

129 95.2 69.0 128.1

131 92.6 65.8 122.2

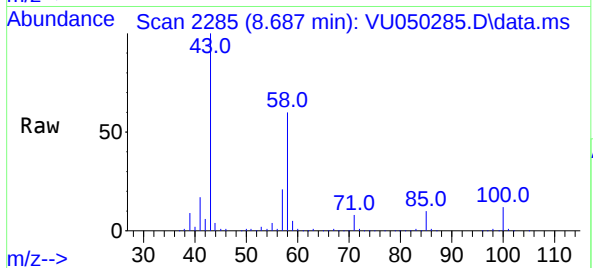
166 123.5 86.1 159.9



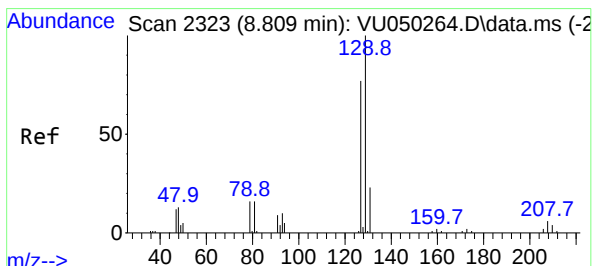
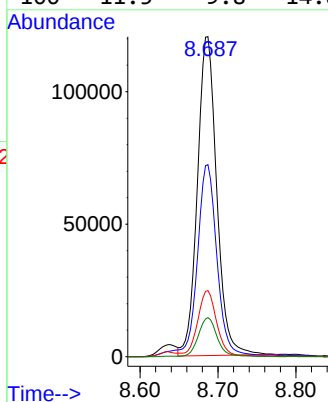
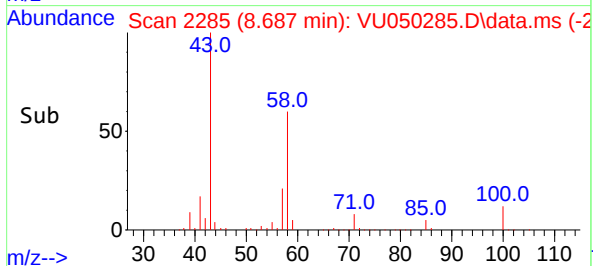


#48
2-Hexanone
Concen: 54.805 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :

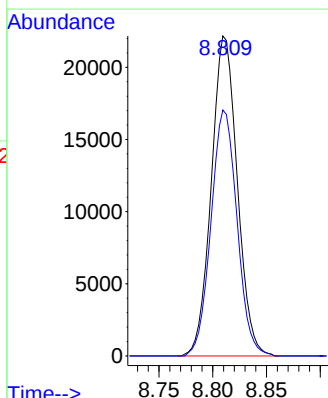
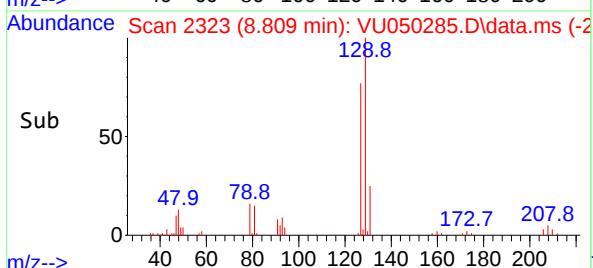
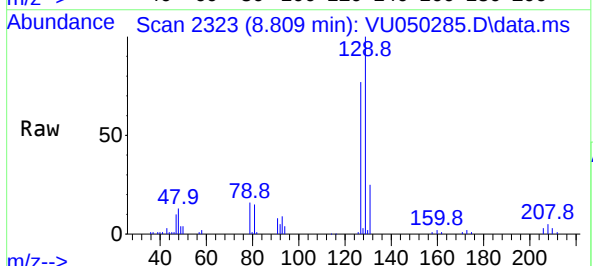


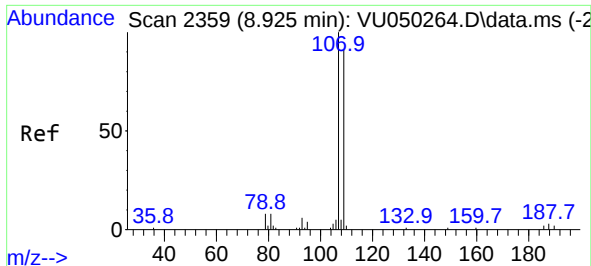
Tgt Ion: 43 Resp: 208326
Ion Ratio Lower Upper
43 100
58 61.9 50.6 76.0
57 20.1 16.0 24.0
100 11.5 9.8 14.8



#49
Dibromochloromethane
Concen: 5.308 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

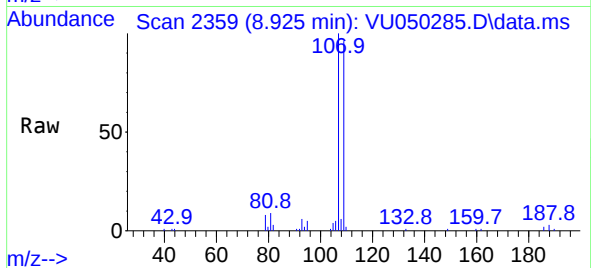
Tgt Ion: 129 Resp: 37263
Ion Ratio Lower Upper
129 100
127 76.9 55.3 102.7



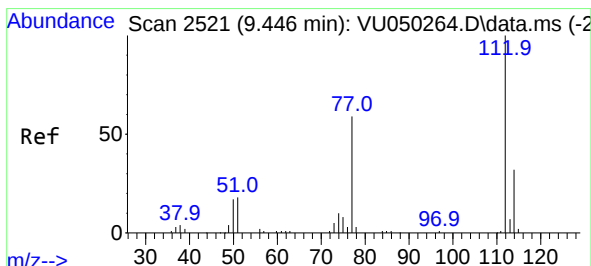
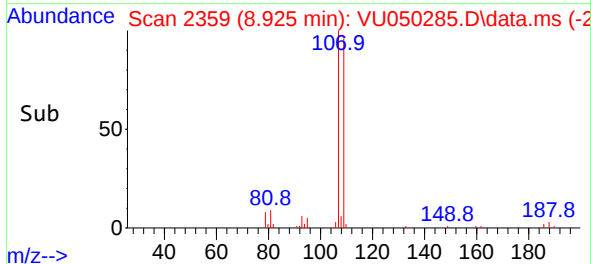
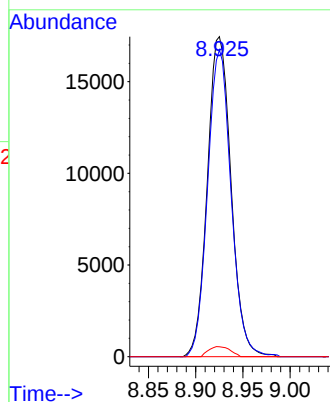


#50
1,2-Dibromoethane
Concen: 5.294 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :

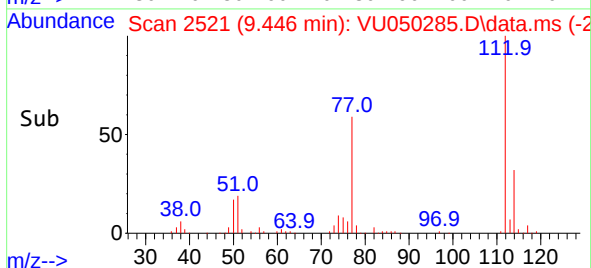
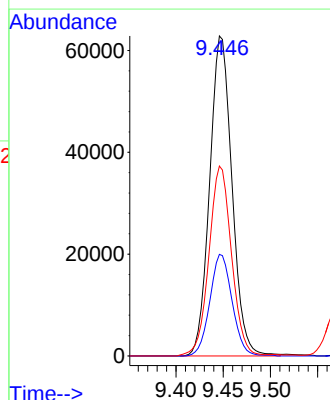
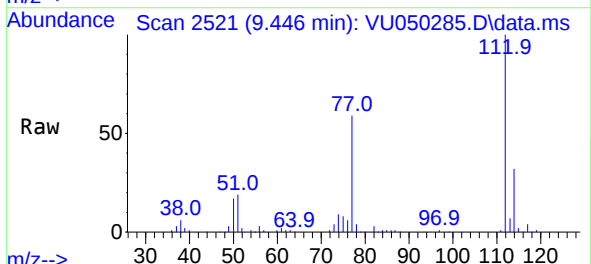


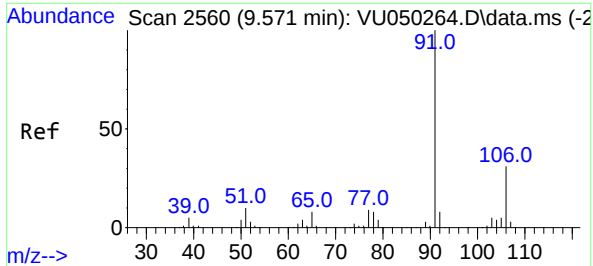
Tgt Ion:107 Resp: 30448
Ion Ratio Lower Upper
107 100
109 95.9 66.6 123.6
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 5.137 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion:112 Resp: 103250
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 59.3 46.3 69.5

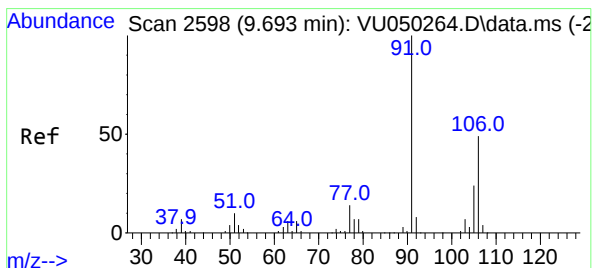
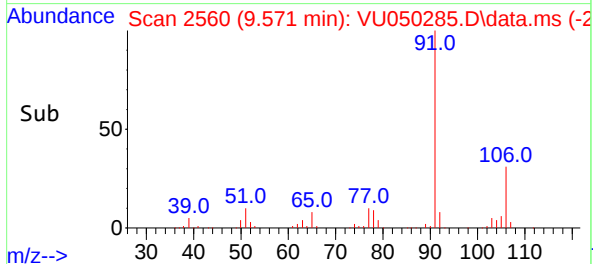
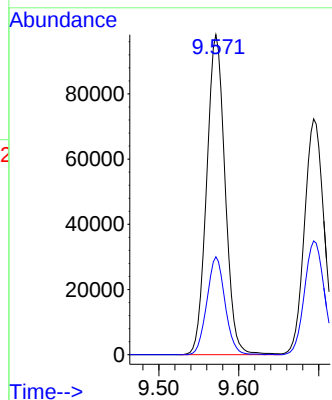
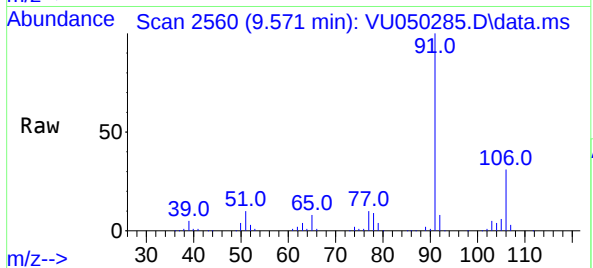




#52
Ethylbenzene
Concen: 5.035 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

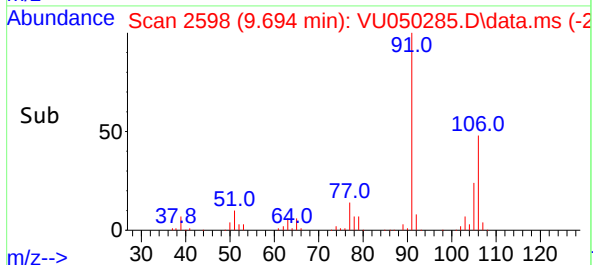
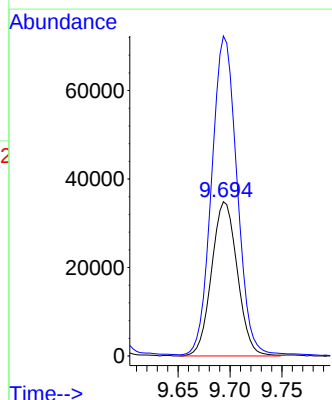
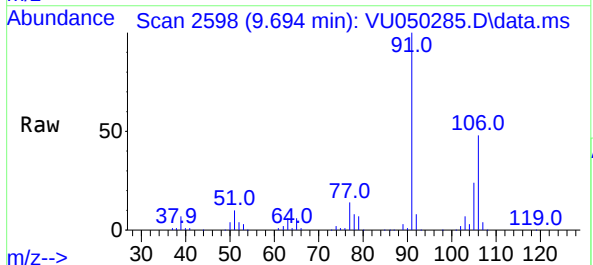
Instrument :
MSVOA_U
ClientSampleId :

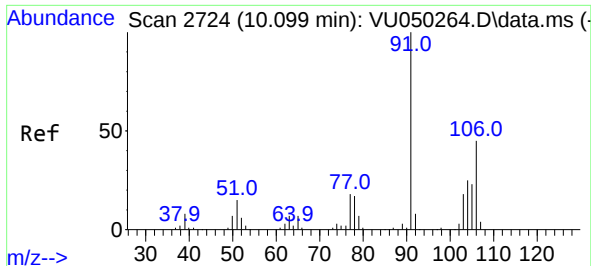
Tgt Ion: 91 Resp: 156952
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 5.233 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 106 Resp: 60085
Ion Ratio Lower Upper
106 100
91 207.4 143.1 265.9

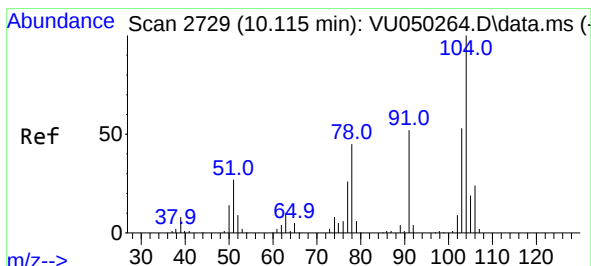
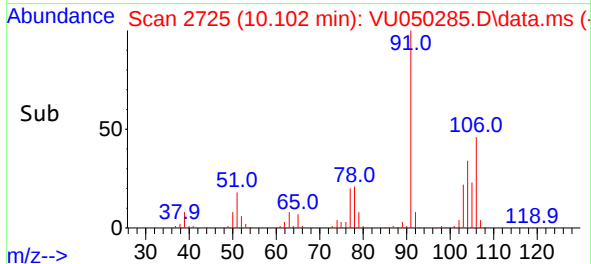
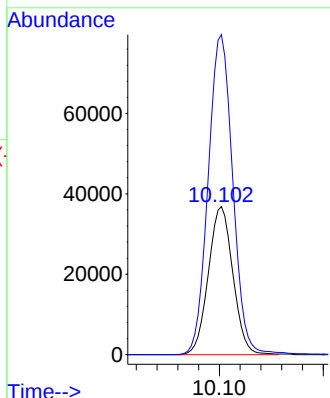
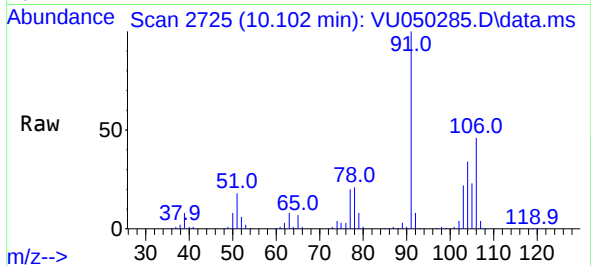




#54
o-Xylene
Concen: 5.272 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

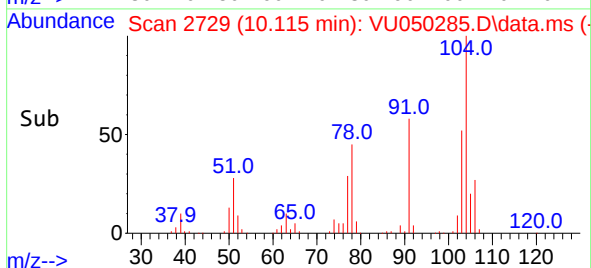
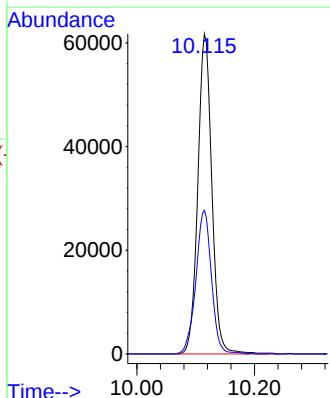
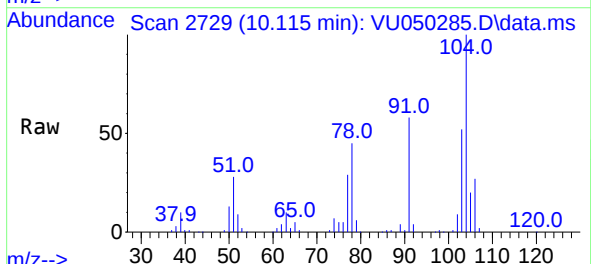
Instrument :
MSVOA_U
ClientSampleId :

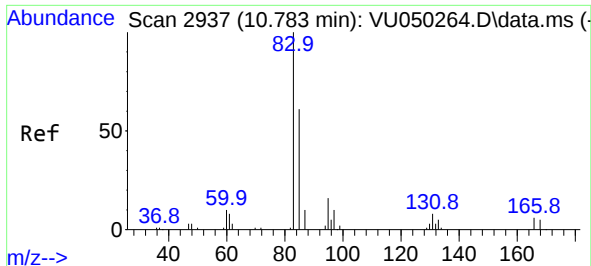
Tgt Ion:106 Resp: 60418
Ion Ratio Lower Upper
106 100
91 216.0 149.4 277.4



#55
Styrene
Concen: 5.340 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion:104 Resp: 102250
Ion Ratio Lower Upper
104 100
78 44.9 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.378 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

Instrument :

MSVOA_U

ClientSampleId :

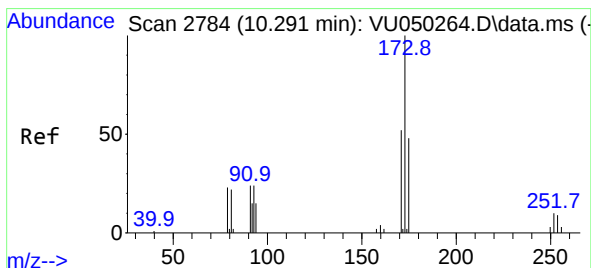
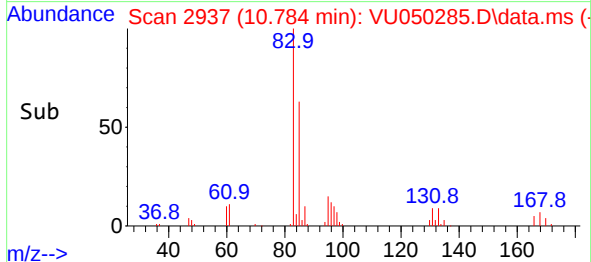
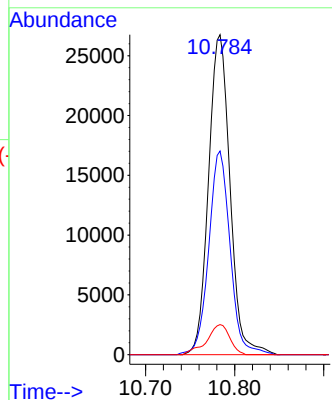
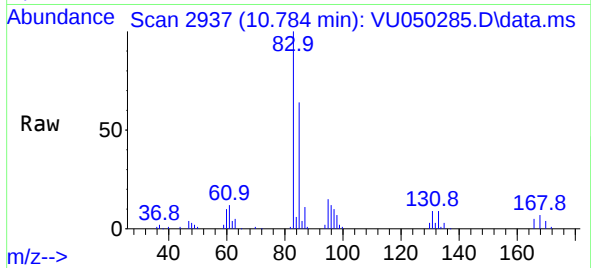
Tgt Ion: 83 Resp: 44828

Ion Ratio Lower Upper

83 100

85 63.6 45.2 84.0

131 9.4 6.6 9.8



#59

Bromoform

Concen: 4.752 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

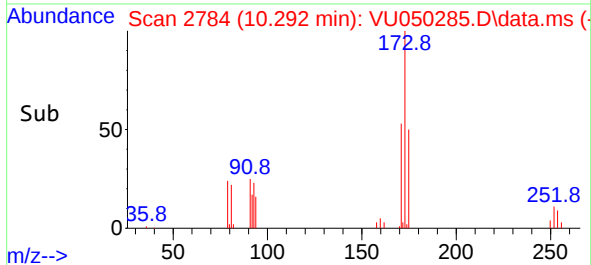
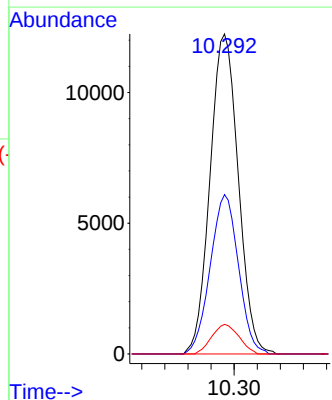
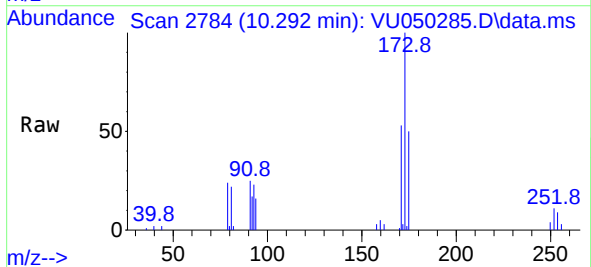
Tgt Ion:173 Resp: 20764

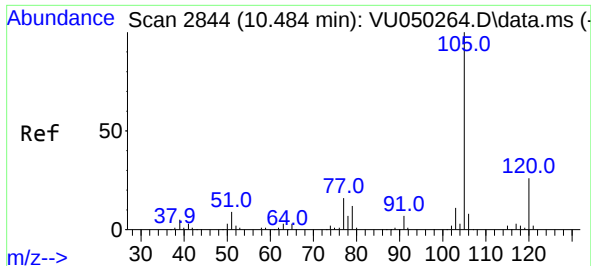
Ion Ratio Lower Upper

173 100

175 49.7 37.0 55.6

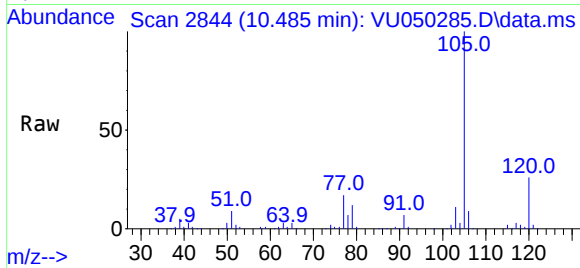
254 8.9 7.4 11.0



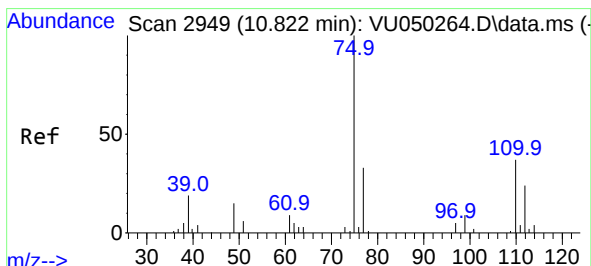
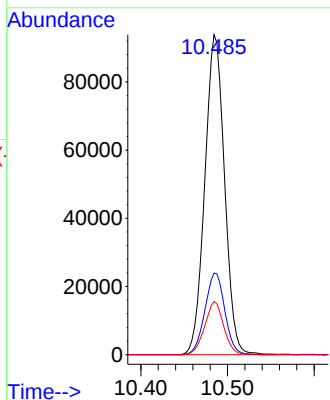
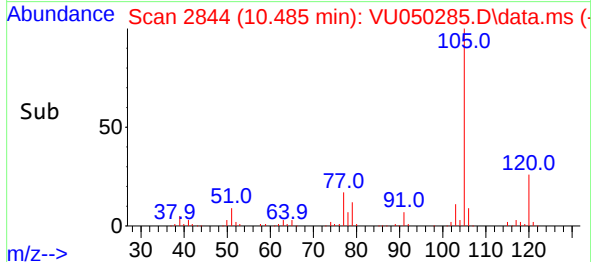


#60
Isopropylbenzene
Concen: 5.098 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :

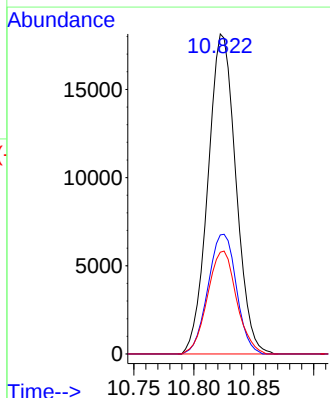
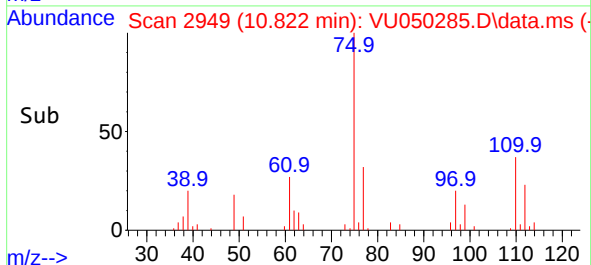
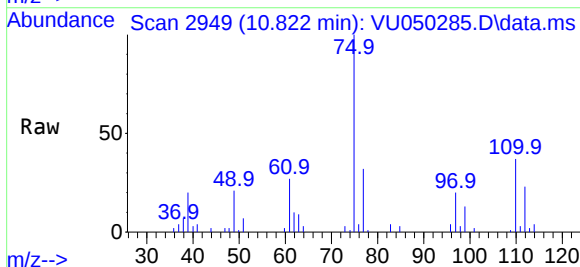


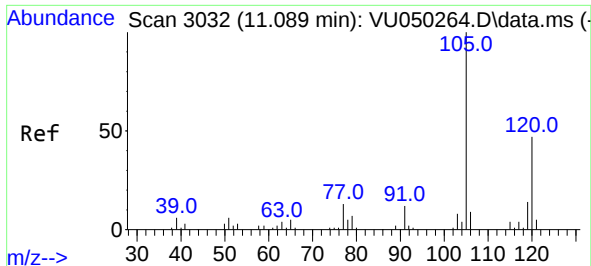
Tgt Ion:105 Resp: 148344
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.948 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion: 75 Resp: 29366
Ion Ratio Lower Upper
75 100
110 38.0 28.5 42.7
77 33.5 25.8 38.6

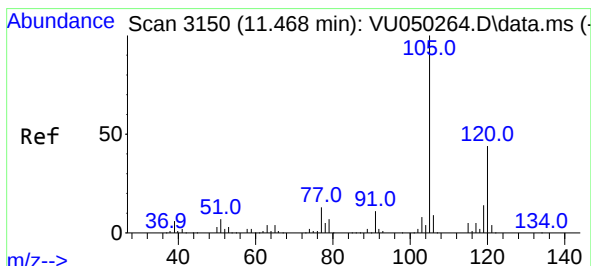
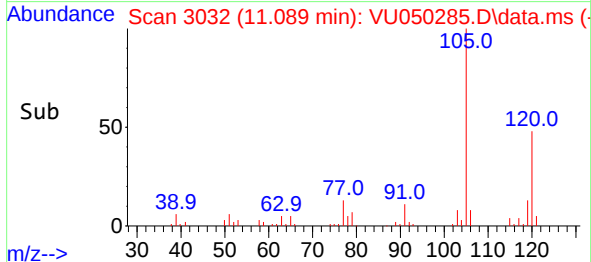
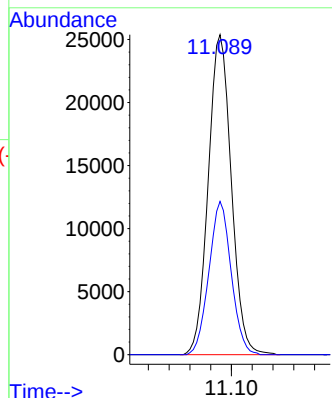
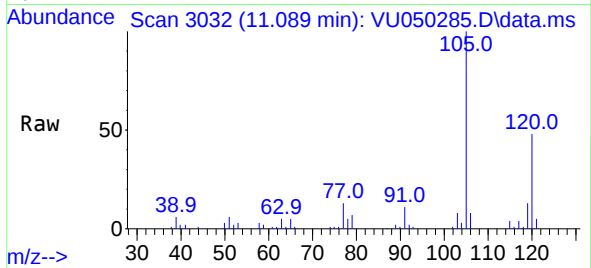




#62
1,3,5-Trimethylbenzene
Concen: 4.755 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

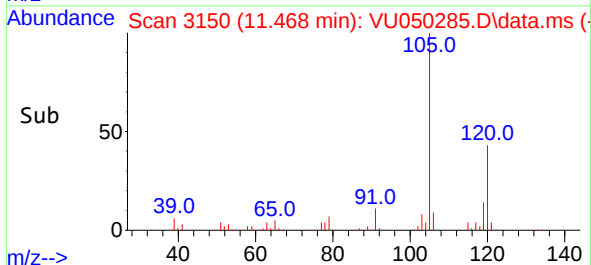
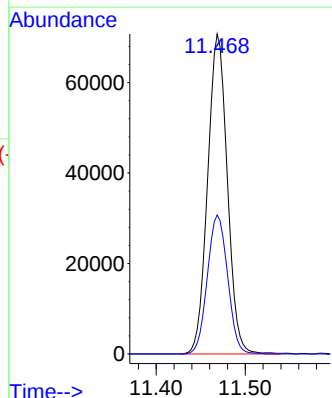
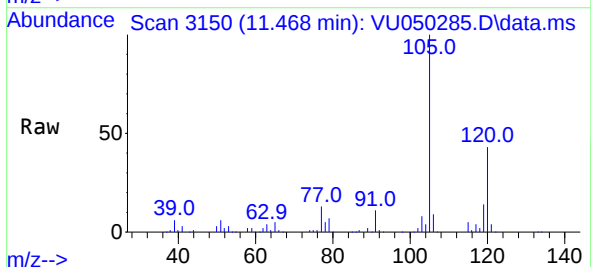
Instrument :
MSVOA_U
ClientSampleId :

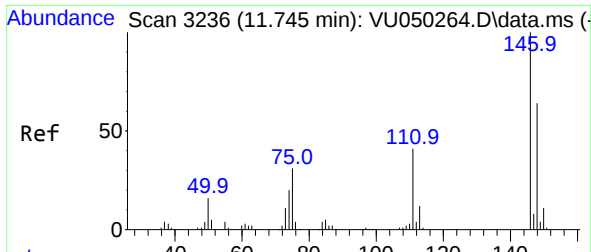
Tgt Ion:105 Resp: 39086
Ion Ratio Lower Upper
105 100
120 46.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.837 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion:105 Resp: 108340
Ion Ratio Lower Upper
105 100
120 44.7 35.9 53.9

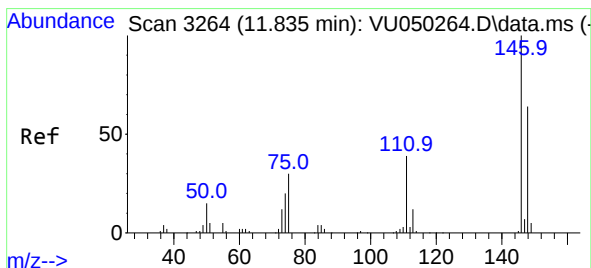
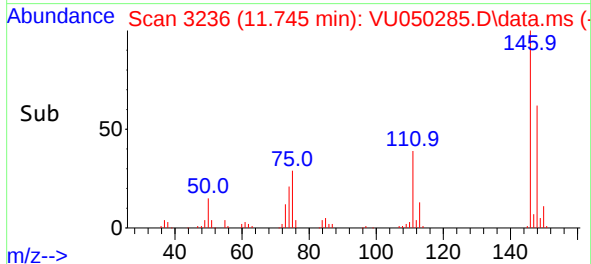
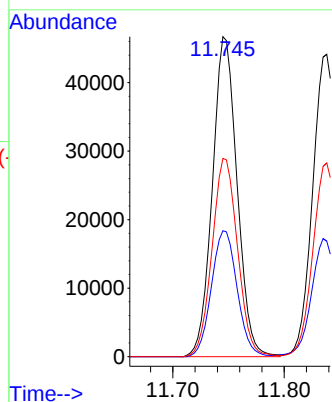
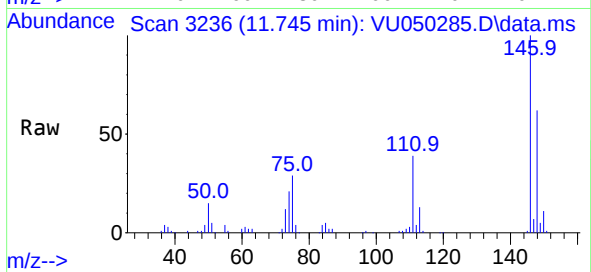




#64
1,3-Dichlorobenzene
Concen: 4.907 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

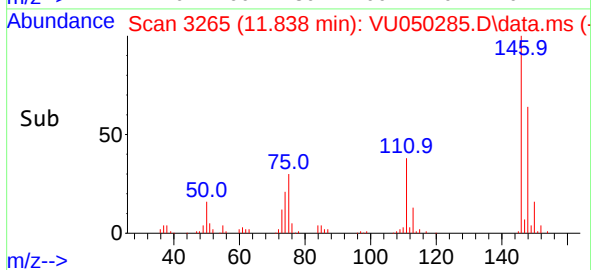
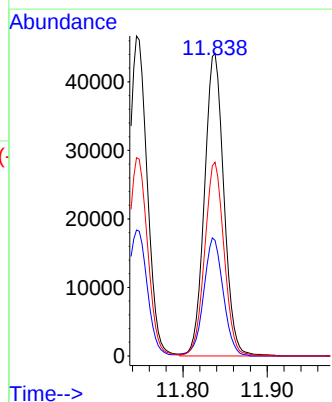
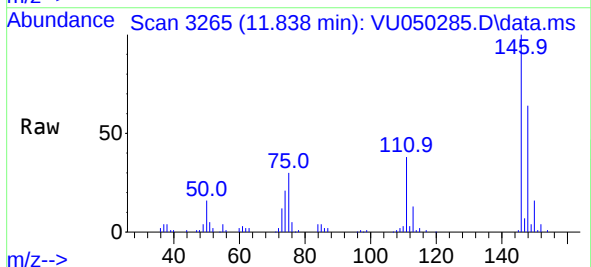
Instrument :
MSVOA_U
ClientSampleId :

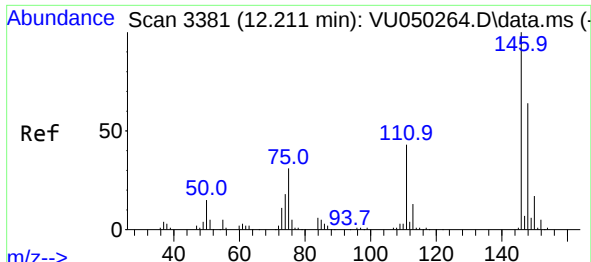
Tgt Ion:146 Resp: 71962
Ion Ratio Lower Upper
146 100
111 39.3 29.9 55.5
148 62.0 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.969 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion:146 Resp: 70911
Ion Ratio Lower Upper
146 100
111 38.2 28.1 52.1
148 64.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.083 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050285.D

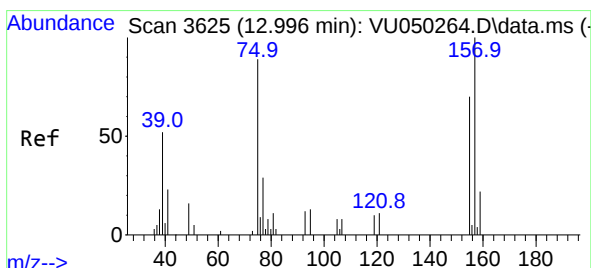
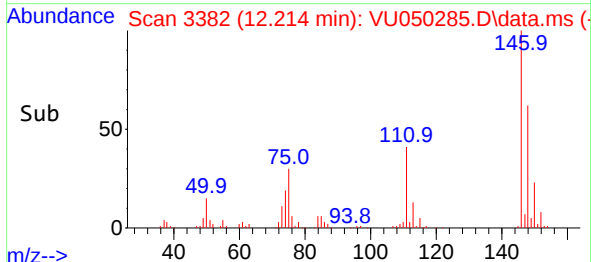
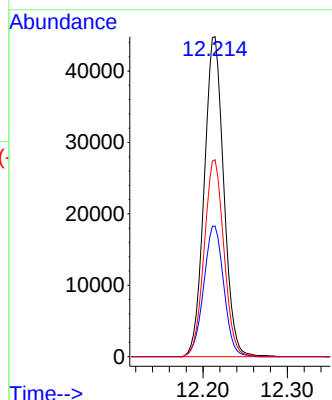
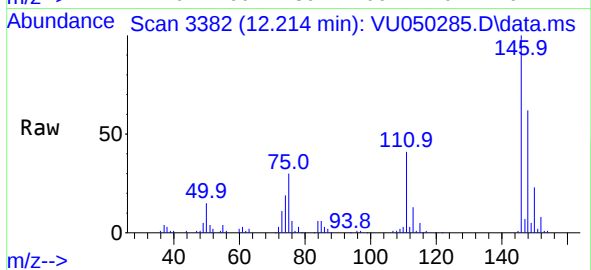
Acq: 12 Aug 2022 16:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	72195
Ion	Ratio	Lower	Upper
146	100		
111	40.8	32.9	49.3
148	61.6	50.4	75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.373 ug/L

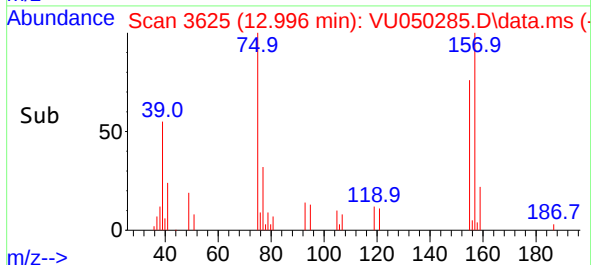
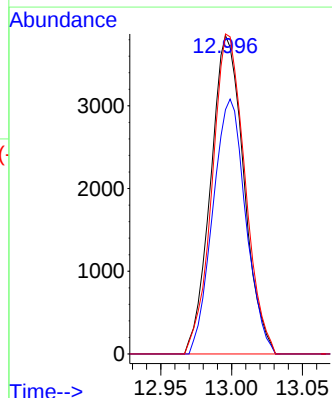
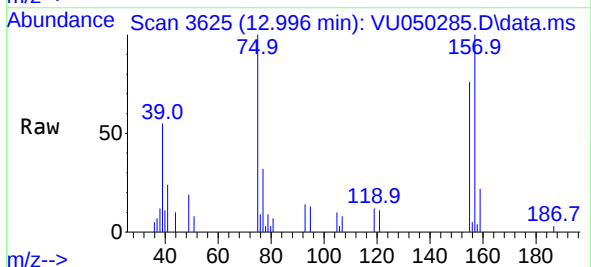
RT: 12.996 min Scan# 3625

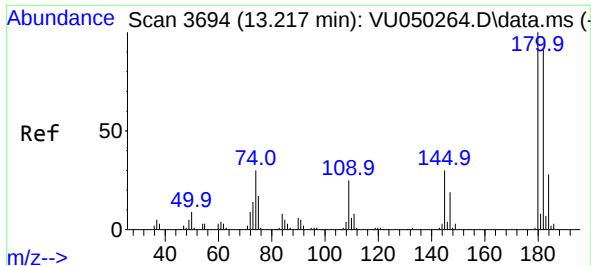
Delta R.T. 0.000 min

Lab File: VU050285.D

Acq: 12 Aug 2022 16:31

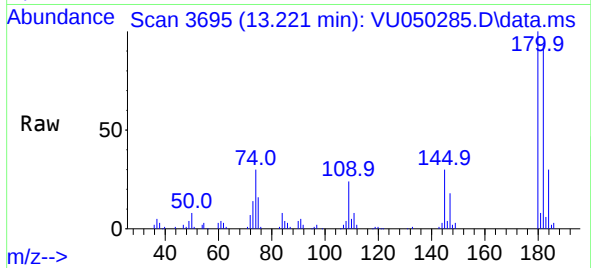
Tgt Ion:	75	Resp:	6253
Ion	Ratio	Lower	Upper
75	100		
155	76.7	63.5	95.3
157	100.5	85.0	127.6



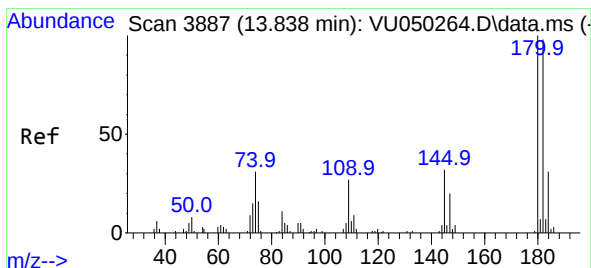
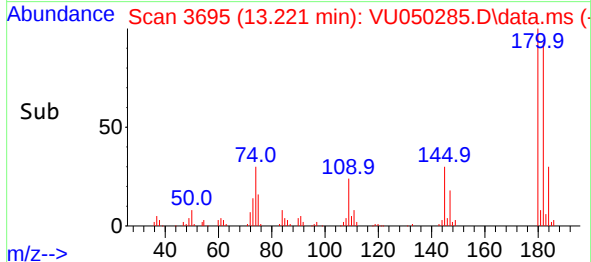
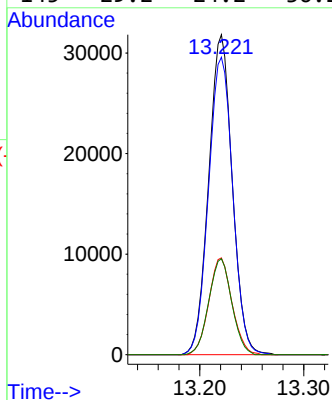


#69
 1,3,5-Trichlorobenzene
 Concen: 4.797 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

Instrument :
 MSVOA_U
 ClientSampleId :

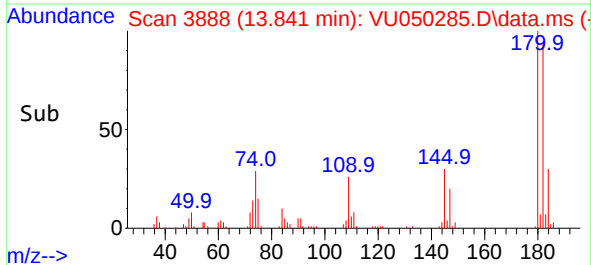
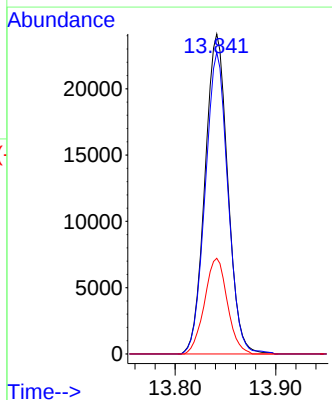
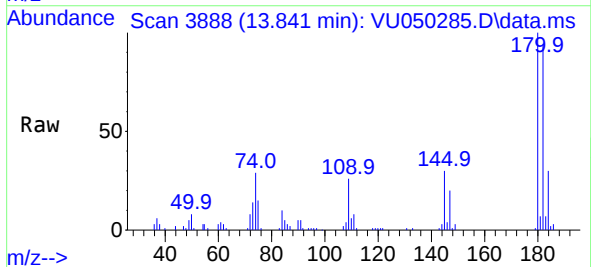


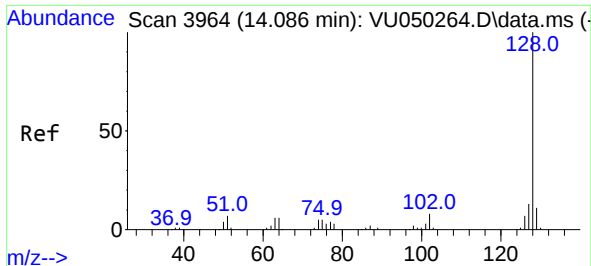
Tgt Ion:180 Resp: 50114
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.3 115.9
 184 29.8 24.1 36.1
 145 29.2 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.792 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050285.D
 Acq: 12 Aug 2022 16:31

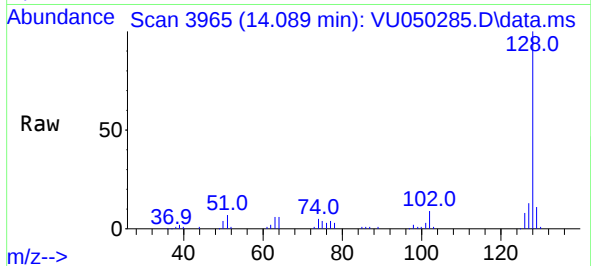
Tgt Ion:180 Resp: 37935
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.9 115.3
 145 30.0 24.2 36.4



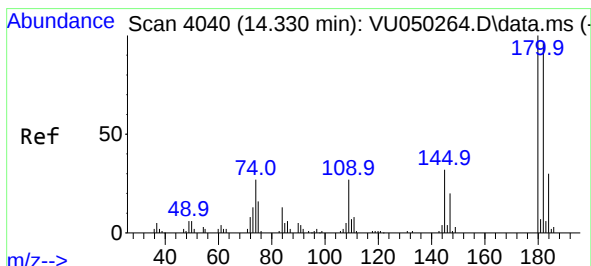
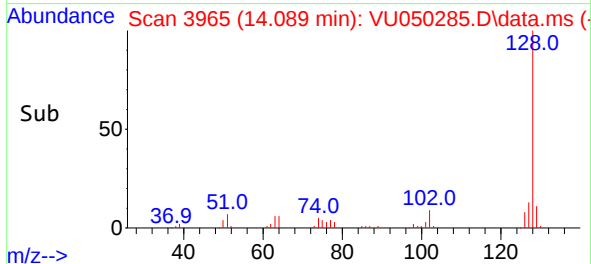
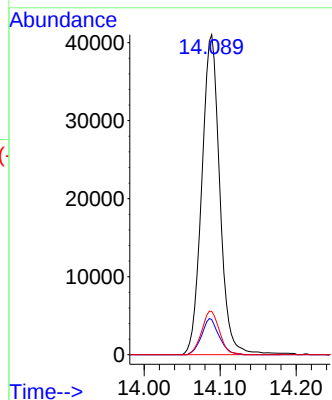


#71
Naphthalene
Concen: 4.161 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 67544
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.4 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.946 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050285.D
Acq: 12 Aug 2022 16:31

Tgt Ion:180 Resp: 39687
Ion Ratio Lower Upper
180 100
182 93.0 77.5 116.3
145 31.1 25.8 38.6

