

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050385.D
 Acq On : 19 Aug 2022 23:14
 Operator : SY/MD
 Sample : N3734-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-TRICHALOMETHANES

Quant Time: Aug 20 06:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 15:06:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	30192	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	9017	0.877	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	10663	0.877	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	653	0.043	ug/l	95
5) Bromomethane	1.855	94	141	0.027	ug/l #	71
6) Chloroethane	1.932	64	44	0.006	ug/l #	42
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	787	0.087	ug/l #	86
11) Allyl Chloride	2.887	41	320	0.023	ug/l #	35
12) Acrylonitrile	3.530	53	19	0.007	ug/l #	1
13) Acetone	2.629	43	1993	1.069	ug/l #	86
14) Carbon Disulfide	2.790	76	9708	0.352	ug/l #	95
15) Methylene Chloride	3.044	84	9464	0.787	ug/l	92
17) 1,1-Dichloroethane	3.646	63	64	0.003	ug/l #	83
18) 2-Butanone	4.732	43	32	0.011	ug/l	75
21) 2,2-Dichloropropane	4.681	77	569	0.039	ug/l #	52
24) tert-Butyl Alcohol	3.189	59	19278	23.861	ug/l #	76
25) Methyl tert-Butyl Ether	3.369	73	1009	0.043	ug/l	97
27) Chloroform	5.089	83	245593	13.240	ug/l	99
29) 1,1-Dichloropropene	5.510	75	251	0.020	ug/l #	42
31) Isopropyl Ether	4.002	45	6838	0.230	ug/l	92
32) Ethyl-t-butyl ether	4.517	59	136	0.006	ug/l #	58
33) Tert-Amyl methyl ether	5.951	73	220	0.014	ug/l #	57
35) Benzene	5.768	78	254	0.007	ug/l #	52
39) Methacrylonitrile	5.083	41	1009	0.284	ug/l #	23
41) Tetrahydrofuran	5.076	42	494	0.277	ug/l #	1
43) Dibromomethane	6.919	93	2625	0.487	ug/l	95
44) Bromodichloromethane	7.108	83	537969	42.276	ug/l	97
45) 4-Methyl-2-Pentanone	7.809	43	715	0.132	ug/l #	74
46) t-1,4-Dichloro-2-butene	10.636	75	4113	1.763	ug/l #	21
49) Toluene	7.970	92	90	0.004	ug/l #	1
54) 2-Hexanone	8.694	43	159	0.042	ug/l #	31
55) Dibromochloromethane	8.809	129	271416	31.130	ug/l	100
56) 1,2-Dibromoethane	8.931	107	39	0.005	ug/l	59
58) Tetrachloroethene	8.555	164	70	0.008	ug/l #	22
59) Chlorobenzene	9.446	112	112	0.005	ug/l #	44
63) Ethyl Benzene	9.568	91	193	0.574	ug/l #	44
64) m/p-Xylenes	9.690	106	97	1.090	ug/l #	24
66) Styrene	10.118	104	135	0.605	ug/l #	45
67) Bromoform	10.292	173	113299	22.883	ug/l	100
69) Isopropylbenzene	10.481	105	222	0.007	ug/l #	50
71) 1,2,3-Trichloropropane	10.636	75	4113	0.501	ug/l #	34
73) n-propylbenzene	10.909	120	3513	0.869	ug/l	93
75) 1,3,5-Trimethylbenzene	11.095	105	294	0.531	ug/l #	30
78) 1,2,4-Trimethylbenzene	11.468	105	360	0.574	ug/l #	50
79) sec-Butylbenzene	11.642	105	229	0.553	ug/l #	58
81) p-Isopropyltoluene	11.793	119	146	0.005	ug/l #	50

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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WS-TRIS-TRICHLOROMETHANES

Quant Time: Aug 20 06:30:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Aug 19 15:06:59 2022
Response via : Initial Calibration

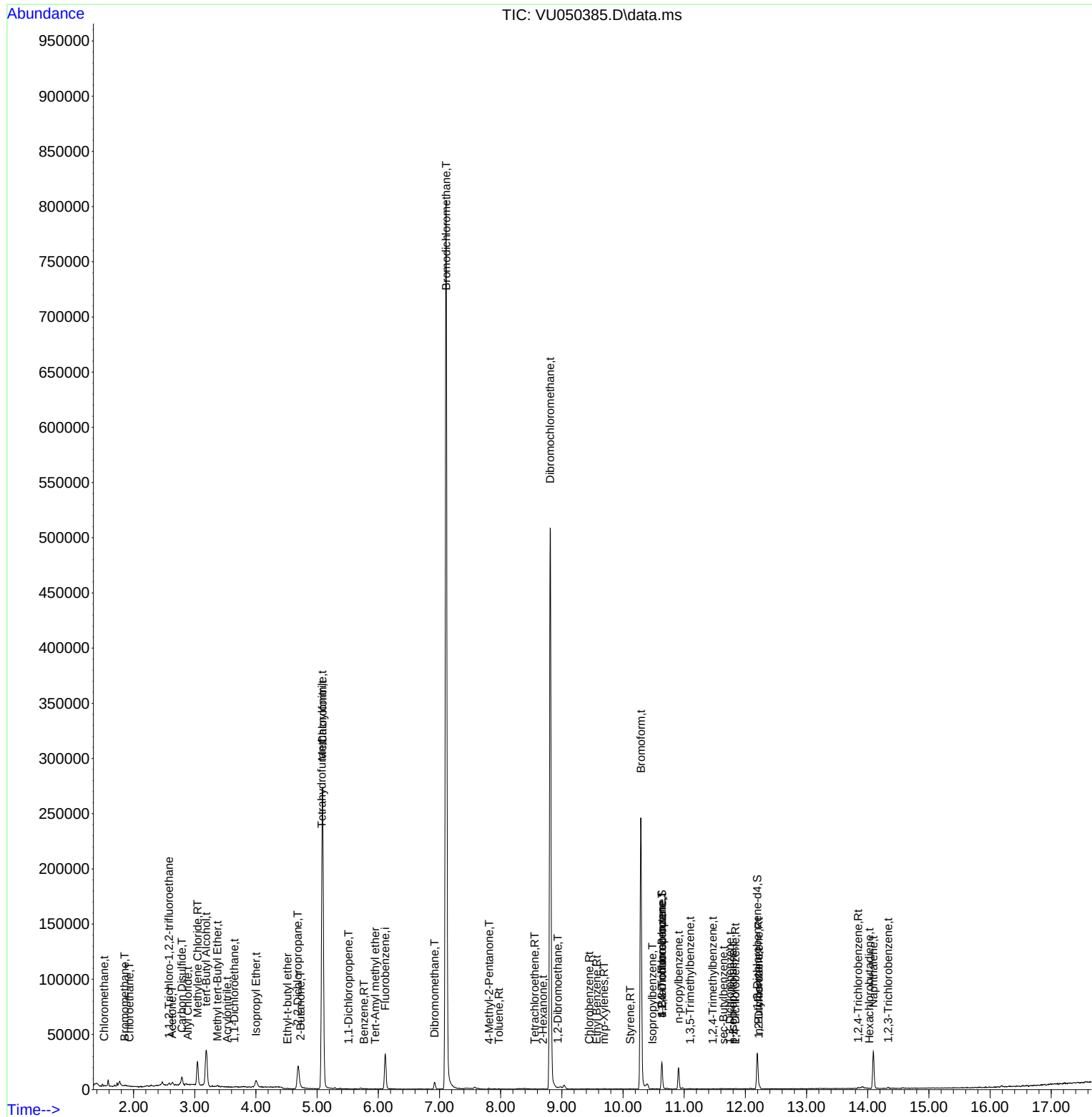
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 1,3-Dichlorobenzene	11.748	146	201	0.010	ug/l #	30
83) 1,4-Dichlorobenzene	11.835	146	371	0.019	ug/l #	56
84) n-Butylbenzene	12.214	91	656	0.604	ug/l #	78
85) 1,2-Dichlorobenzene	12.221	146	78	0.004	ug/l #	69
87) 1,2,4-Trichlorobenzene	13.841	180	610	0.057	ug/l #	76
88) Hexachlorobutadiene	14.025	225	82	0.012	ug/l #	51
89) Naphthalene	14.092	128	29869	1.885	ug/l	99
90) 1,2,3-Trichlorobenzene	14.336	180	566	0.531	ug/l #	84

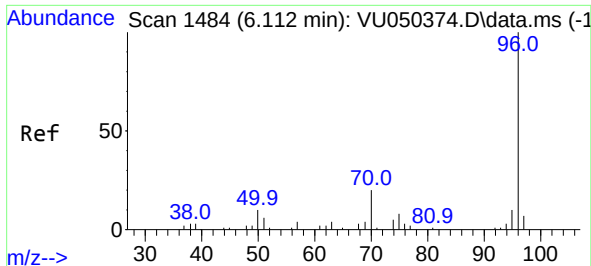
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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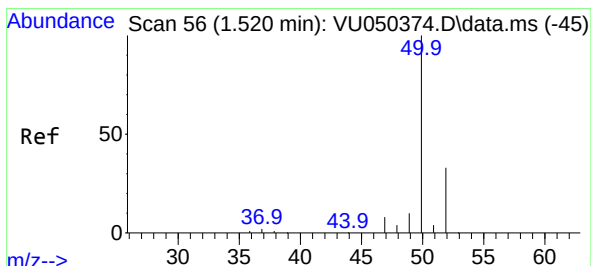
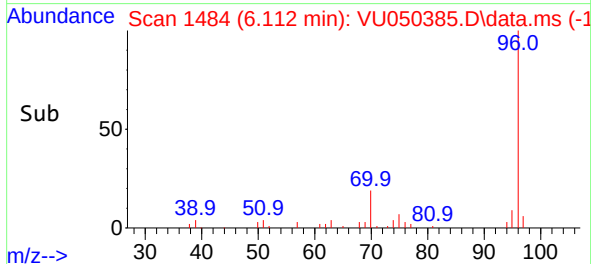
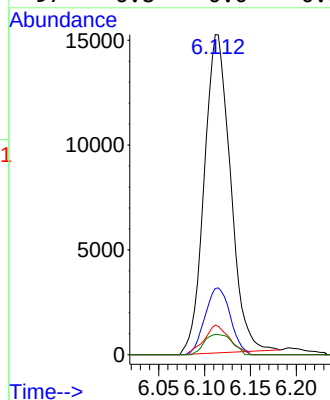
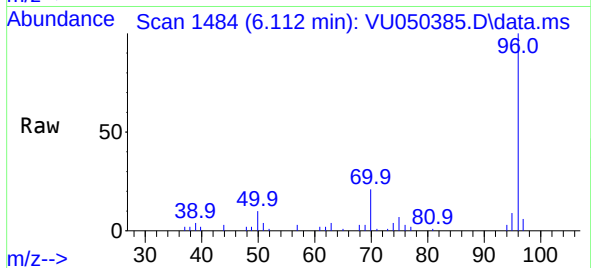




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

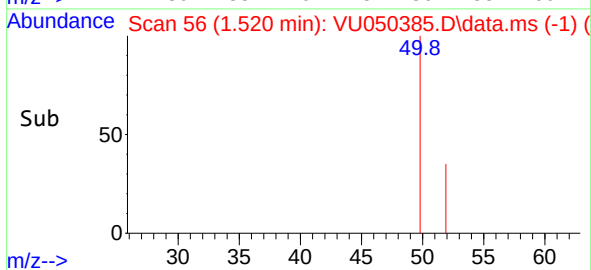
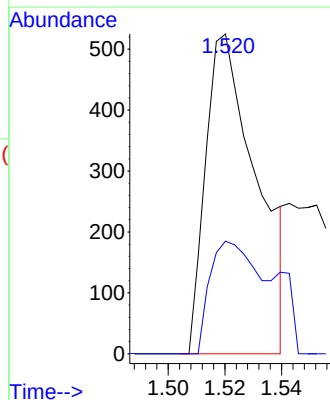
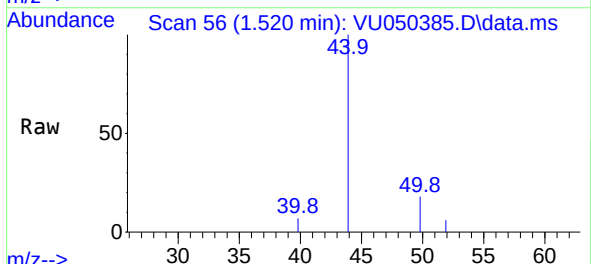
Instrument :
MSVOA_U
ClientSampleId :
WS-TRIS-TRICHLOROMETHANES

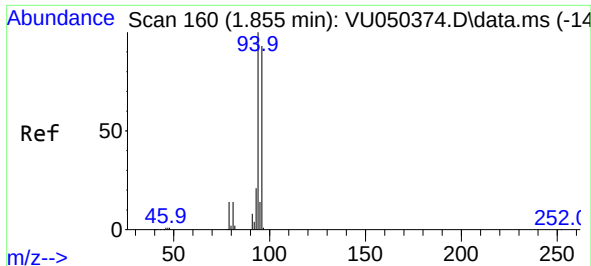
Tgt Ion:	96	Resp:	30192
Ion Ratio	Lower	Upper	
96	100		
70	20.3	16.7	25.1
95	8.9	7.4	11.0
97	6.8	0.0	0.0



#3
Chloromethane
Concen: 0.043 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion:	50	Resp:	653
Ion Ratio	Lower	Upper	
50	100		
52	35.2	26.1	39.1

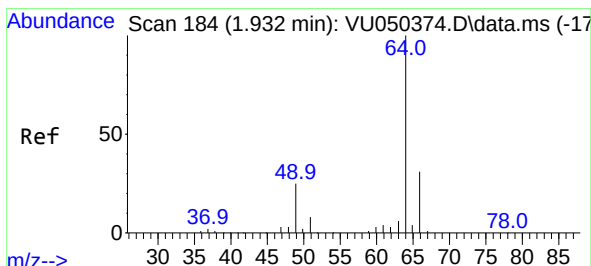
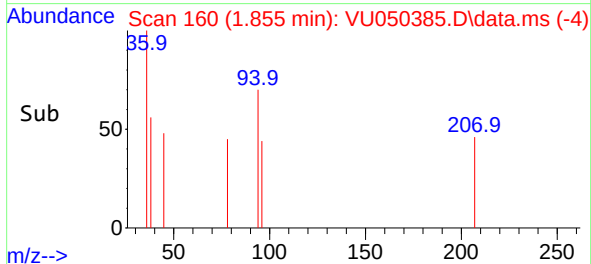
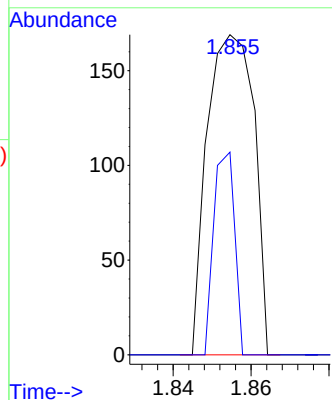
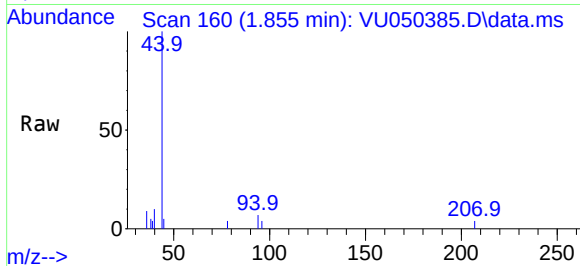




#5
Bromomethane
Concen: 0.027 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

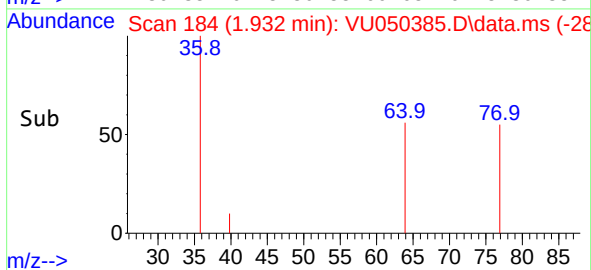
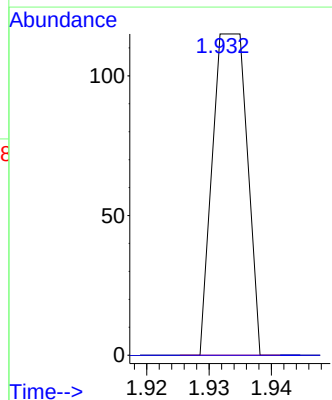
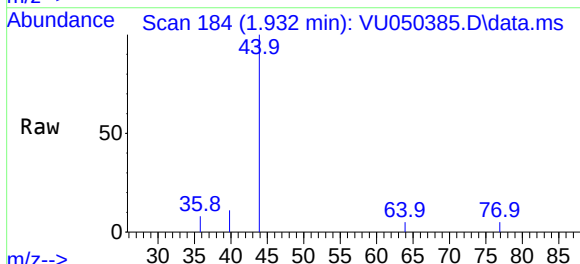
Instrument :
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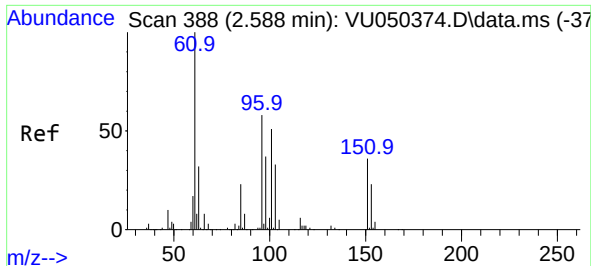
Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 63.3 73.0 109.6#



#6
Chloroethane
Concen: 0.006 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#

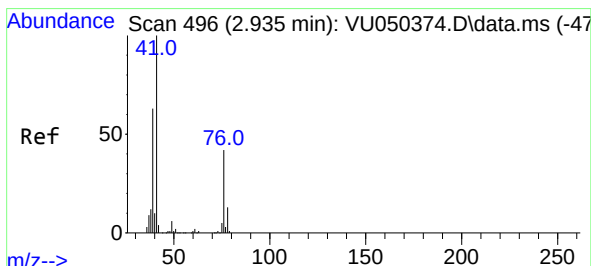
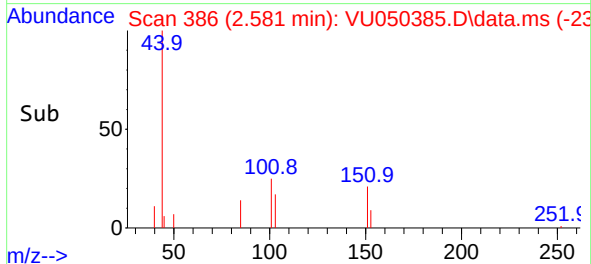
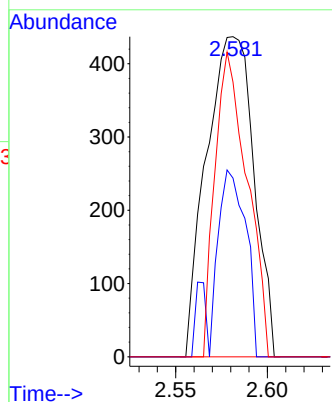
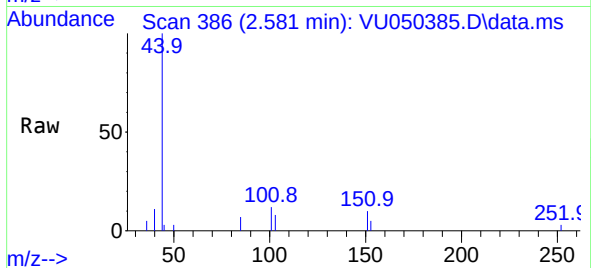




#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/l
RT: 2.581 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

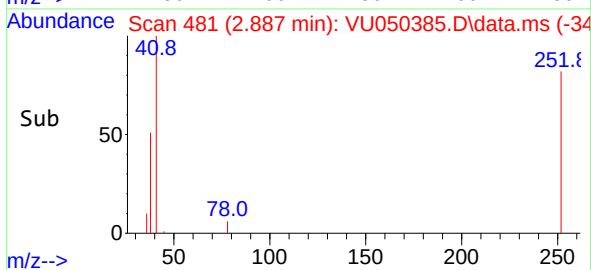
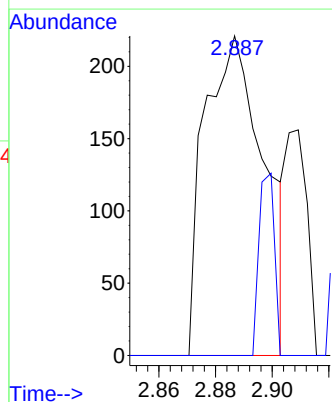
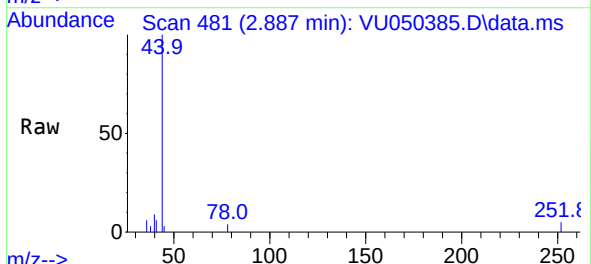
Instrument :
MSVOA_U
ClientSampleId :
WS-TRIS-TRICHALOMETHANES

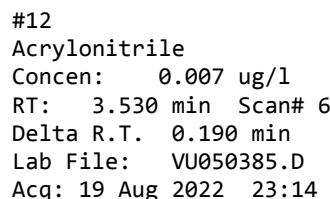
Tgt Ion:101 Resp: 787
Ion Ratio Lower Upper
101 100
85 33.8 36.4 54.6#
151 64.5 59.1 88.7



#11
Allyl Chloride
Concen: 0.023 ug/l
RT: 2.887 min Scan# 481
Delta R.T. -0.048 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

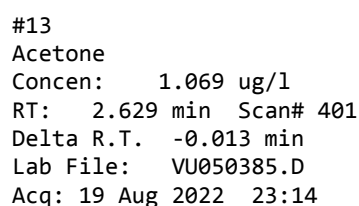
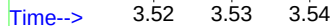
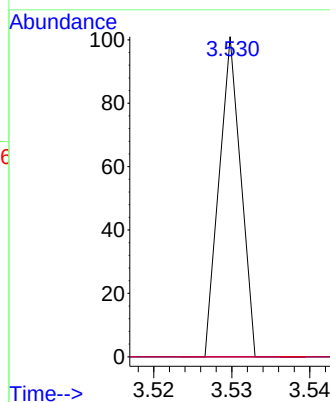
Tgt Ion: 41 Resp: 320
Ion Ratio Lower Upper
41 100
39 14.7 53.2 79.8#



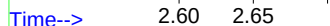
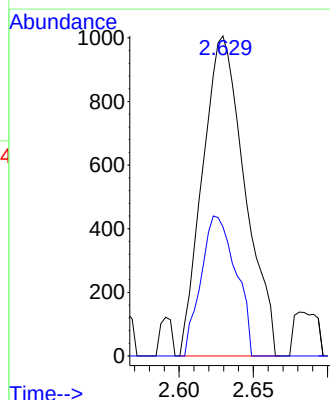


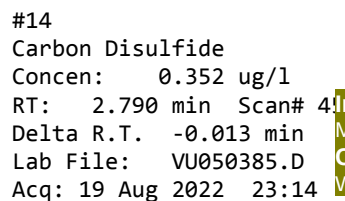
5. **Instrument :**
MSVOA_U
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WS-TRIHALOMETHANES

Tgt Ion: 53	Resp: 19
Ion Ratio	Lower Upper
53 100	
52 463.2	64.6 97.0#
51 0.0	30.7 46.1#

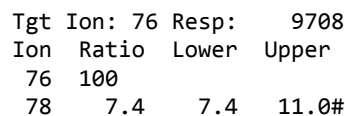


Tgt	Ion: 43	Resp:	1993
Ion	Ratio	Lower	Upper
43	100		
58	40.4	26.2	39.2#



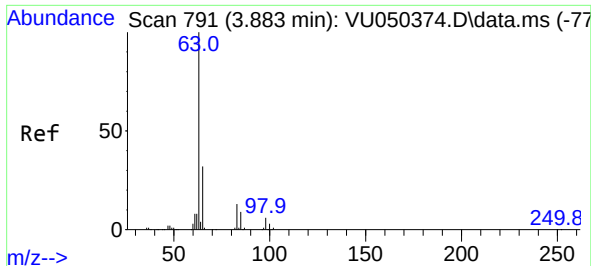


Instrument :
MSVOA_U
ClientSampleId :
WS-TRIHALOMETHANES



#15
Methylene Chloride
Concen: 0.787 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.016 min
Lab File: VU050385.D
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Tgt	Ion: 84	Resp:	9464
Ion	Ratio	Lower	Upper
84	100		
49	117.8	104.6	157.0
51	37.0	0.0	81.4
86	67.0	52.6	78.8



#17

1,1-Dichloroethane

Concen: 0.003 ug/l

RT: 3.646 min Scan# 71

Delta R.T. -0.238 min

Lab File: VU050385.D

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Instrument :

MSVOA_U

ClientSampleId :

WS-TRIS-TRICHALOMETHANES

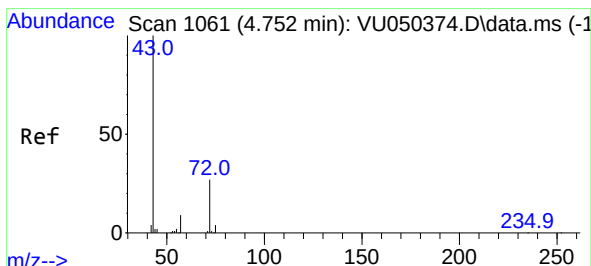
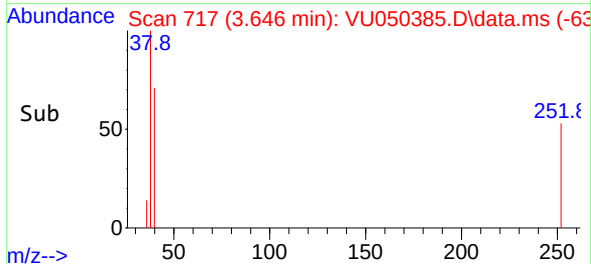
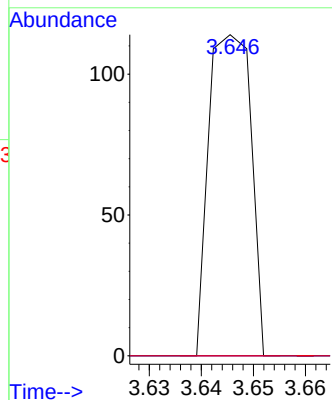
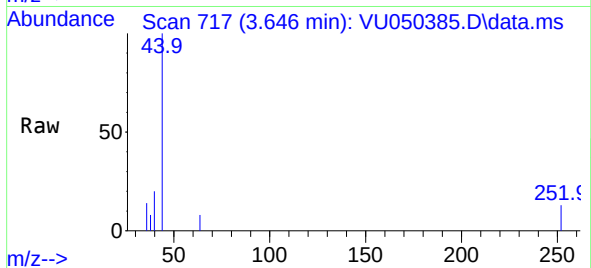
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.2#

100 0.0 2.0 6.0#



#18

2-Butanone

Concen: 0.011 ug/l

RT: 4.732 min Scan# 1055

Delta R.T. -0.019 min

Lab File: VU050385.D

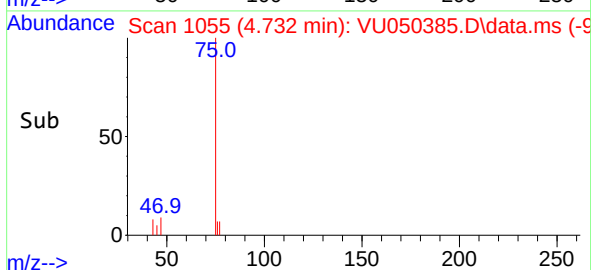
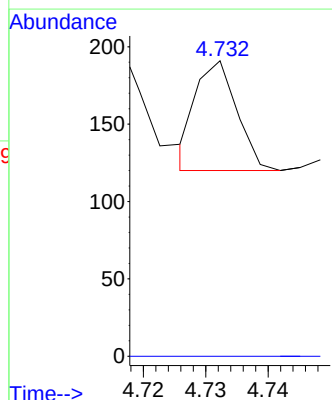
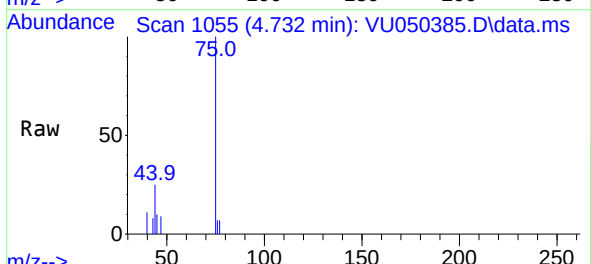
Acq: 19 Aug 2022 23:14

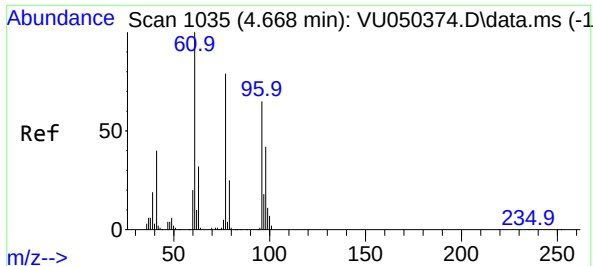
Tgt Ion: 43 Resp: 32

Ion Ratio Lower Upper

43 100

57 0.0 0.0 18.0

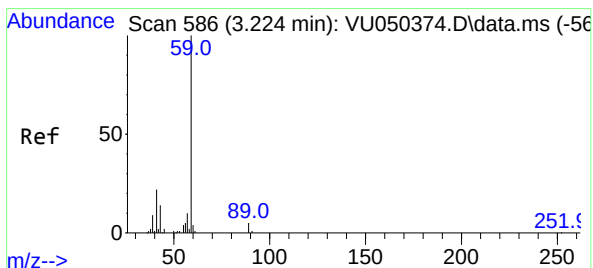
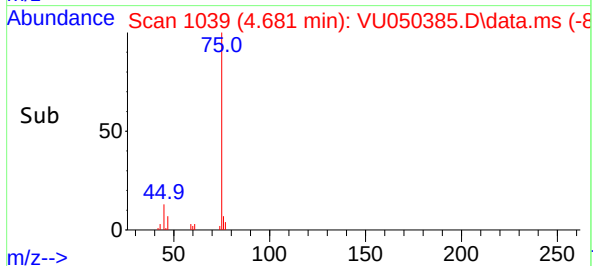
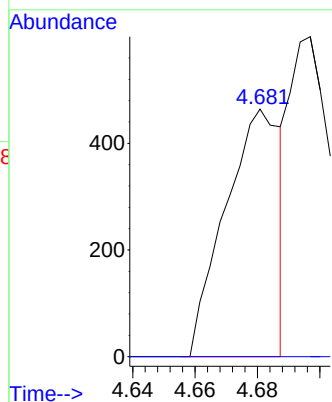
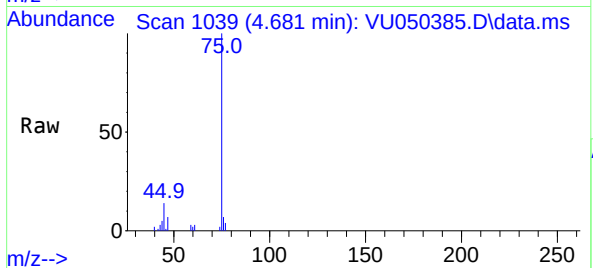




#21
2,2-Dichloropropane
Concen: 0.039 ug/l
RT: 4.681 min Scan# 1035
Delta R.T. 0.013 min
Lab File: VU050385.D
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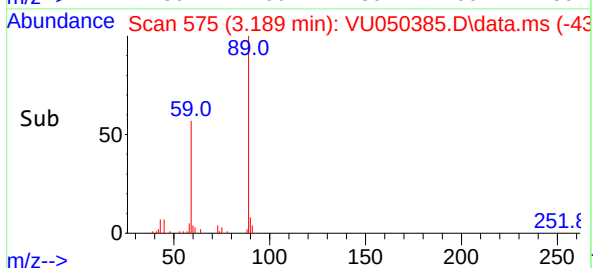
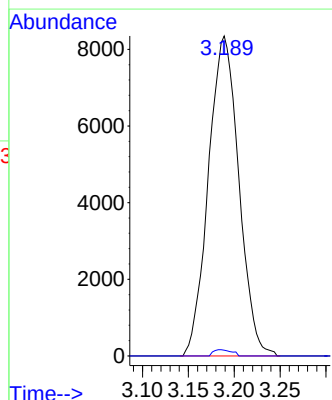
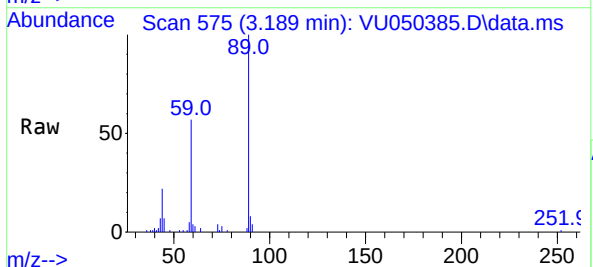
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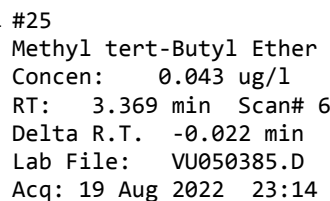
Tgt Ion: 77 Resp: 569
Ion Ratio Lower Upper
77 100
97 0.0 18.5 27.7#



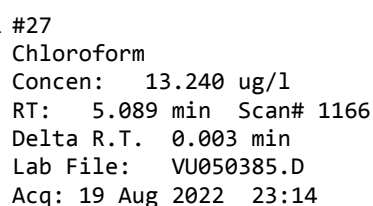
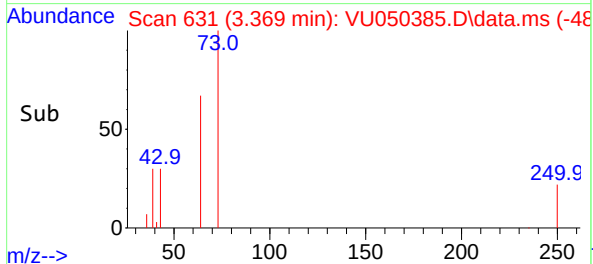
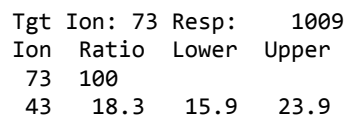
#24
tert-Butyl Alcohol
Concen: 23.861 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion: 59 Resp: 19278
Ion Ratio Lower Upper
59 100
57 1.2 8.2 12.2#

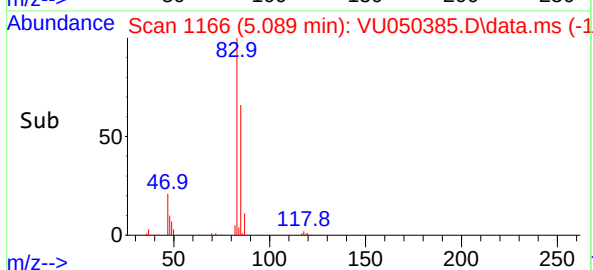
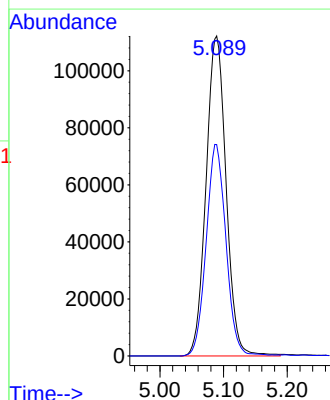


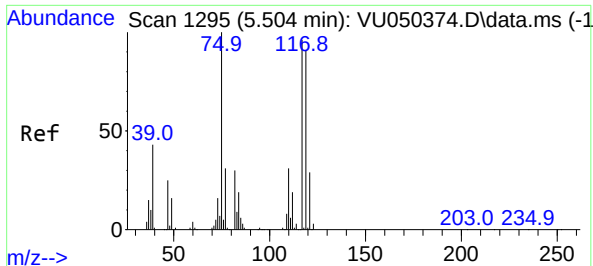


5. **Instrument :**
MSVOA_U
ClientSampleId :
WS-TRIHALOMETHANES



Tgt	Ion: 83	Resp:	245593
Ion	Ratio	Lower	Upper
83	100		
85	66.0	0.0	133.6

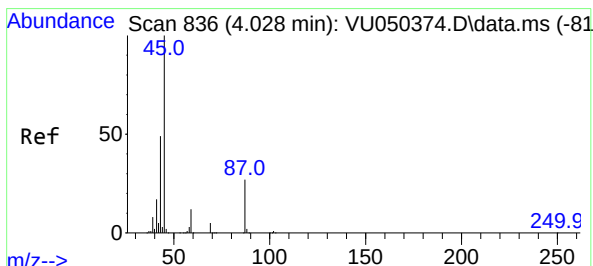
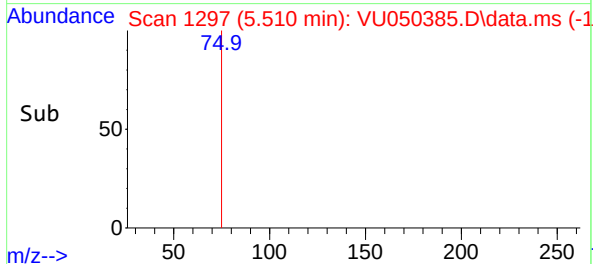
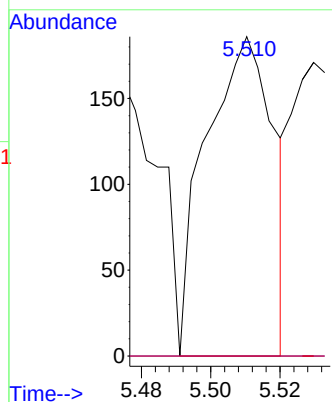
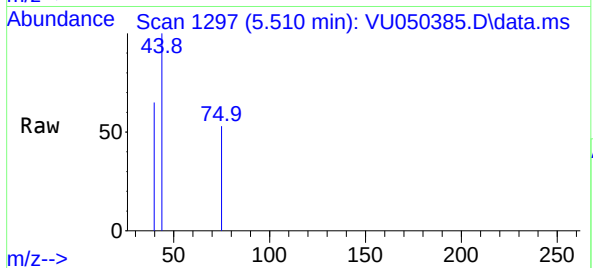




#29
1,1-Dichloropropene
Concen: 0.020 ug/l
RT: 5.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

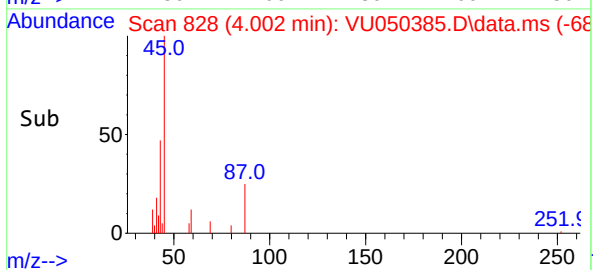
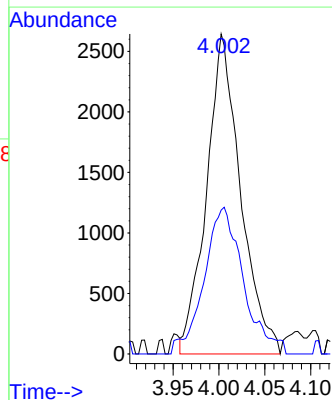
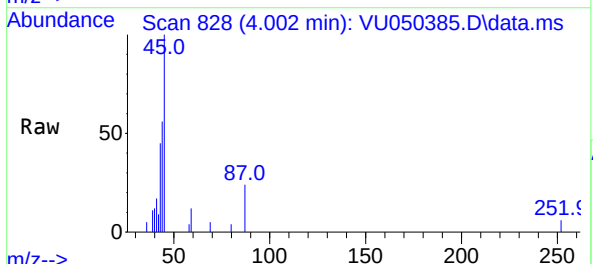
Instrument :
MSVOA_U
ClientSampleId :
WS-TRIHALOMETHANES

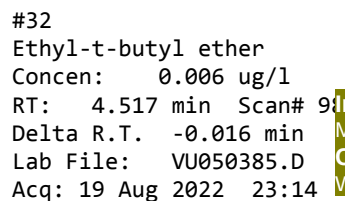
Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
110 0.0 17.3 52.0#
77 0.0 24.6 37.0#



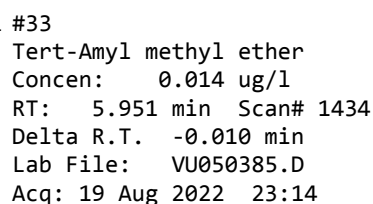
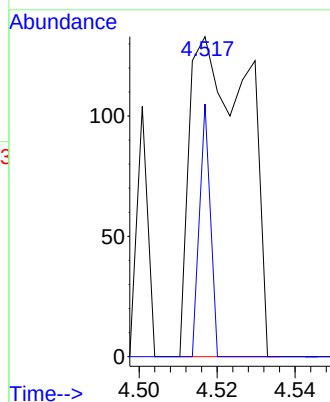
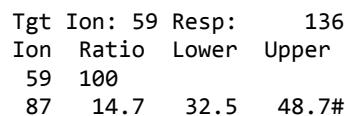
#31
Isopropyl Ether
Concen: 0.230 ug/l
RT: 4.002 min Scan# 828
Delta R.T. -0.026 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion: 45 Resp: 6838
Ion Ratio Lower Upper
45 100
43 52.8 23.8 71.2

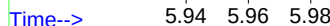
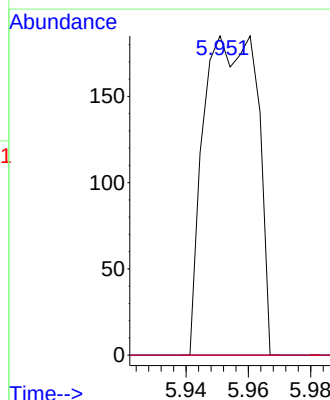


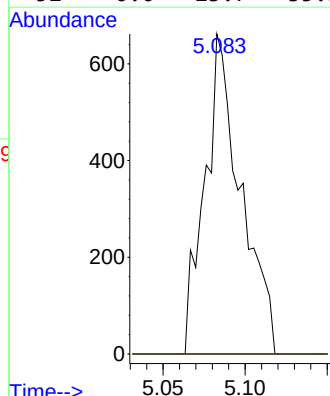
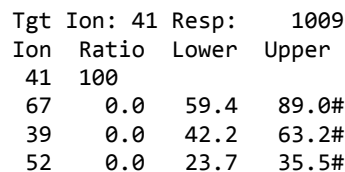
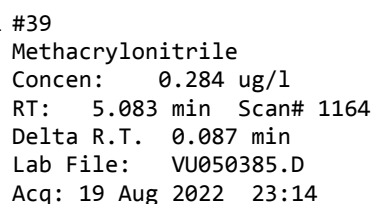
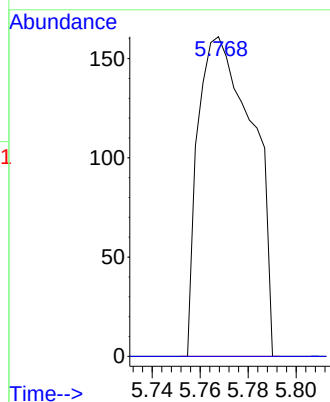
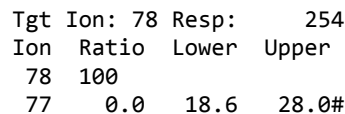
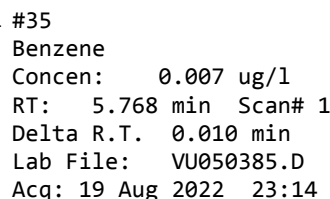


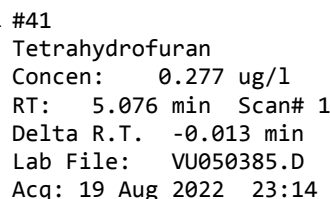
Instrument :
MSVOA_U
ClientSampleId :
WS-TRIHALOMETHANES



Tgt Ion: 73	Resp: 220
Ion Ratio	Lower Upper
73 100	
87 0.0	19.7 29.5#
71 0.0	9.0 13.4#

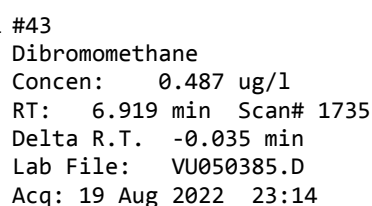
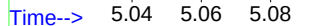
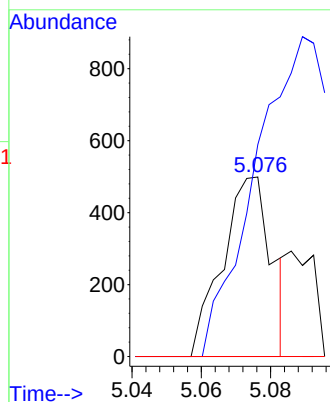




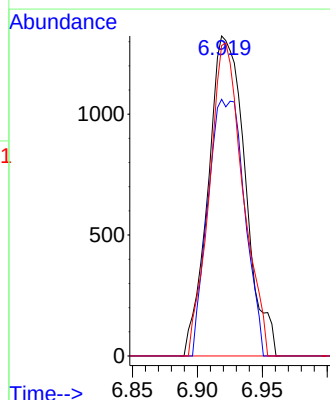


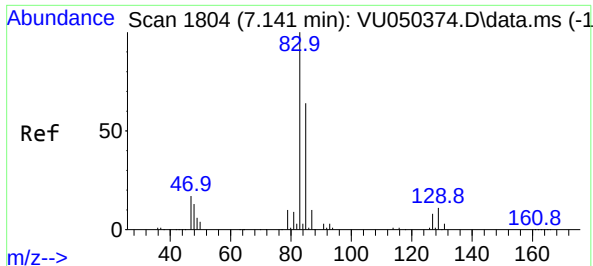
Instrument :
MSVOA_U
ClientSampleId :
WS-TRihalOMETHANES

Tgt	Ion: 42	Resp:	494
Ion	Ratio	Lower	Upper
42	100		
72	319.2	38.9	58.3#
71	0.0	33.7	50.5#



Tgt Ion: 93	Resp:	2625	
Ion Ratio	Lower	Upper	
93 100			
95 79.3	65.0	97.6	
174 88.4	76.3	114.5	

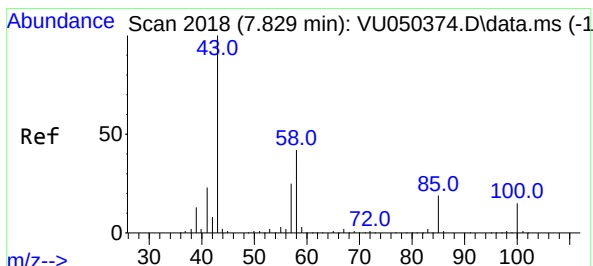
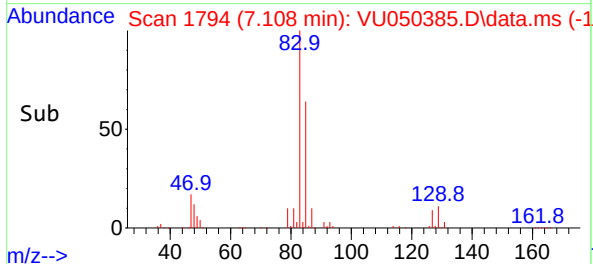
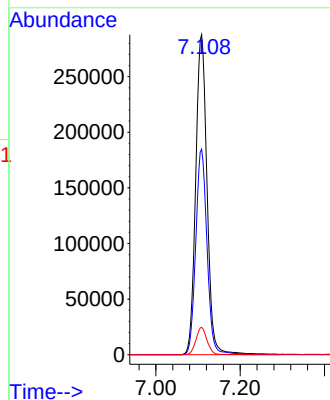
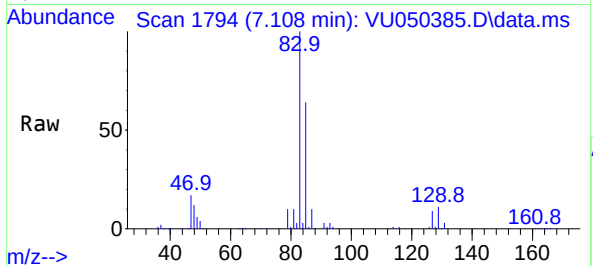




#44
Bromodichloromethane
Concen: 42.276 ug/l
RT: 7.108 min Scan# 11
Delta R.T. -0.032 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

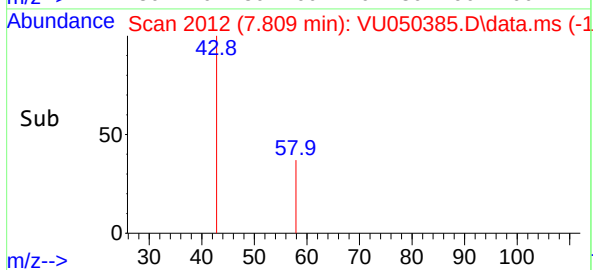
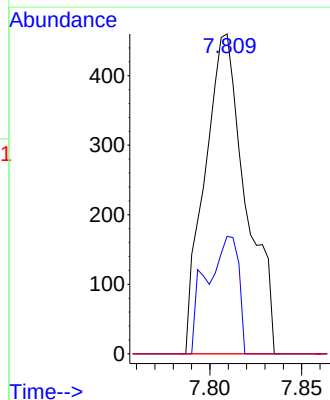
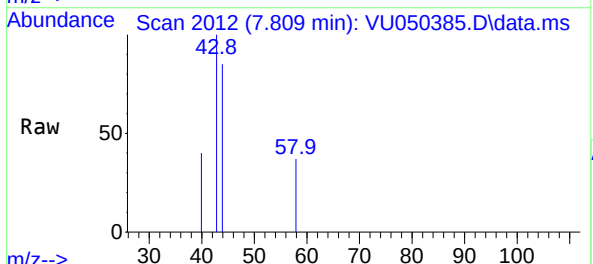
Instrument :
MSVOA_U
ClientSampleId :
WS-TRIS-THALOMETHANES

Tgt Ion: 83 Resp: 537969
Ion Ratio Lower Upper
83 100
85 64.2 49.4 74.0
127 8.5 6.6 10.0



#45
4-Methyl-2-Pentanone
Concen: 0.132 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. -0.019 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 28.5 20.3 61.0
85 0.0 14.6 21.8#





Concen: 1.763 ug/l

RT: 10.636 min Scan: 100

Delta R.T. -0.196 min

Lab File: VU050385.D

Acq: 19 Aug 2022 23:14

Instrument :

MSVOA_U

ClientSampleId :

WS-TRIHALOMETHANES



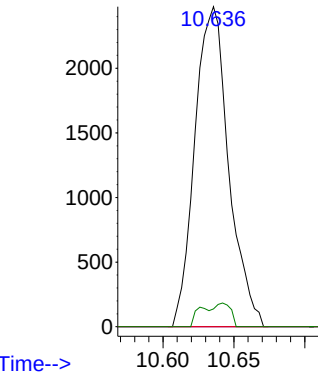
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

75 100

53 0.0 64.4 96.6#

89	0.0	44.2	66.2#
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88 3.7 32.8 49.2#



Toluene

Concen: 0.004 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.019 min

Lab File: VU050385.D

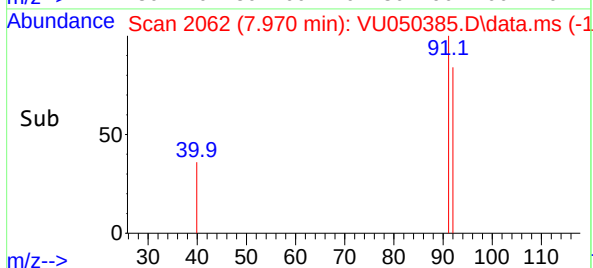
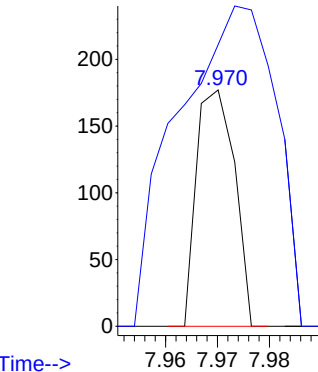
Acq: 19 Aug 2022 23:14

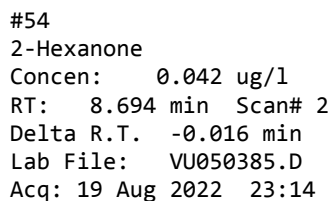
Tgt Ion: 92 Resp: 90

Ion	Ratio	Lower	Upper
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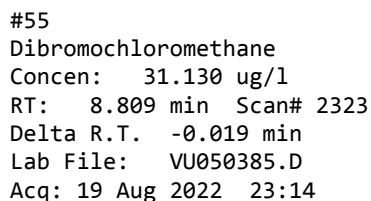
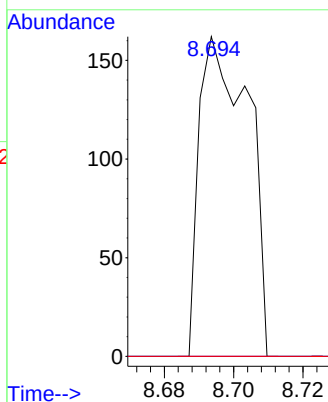
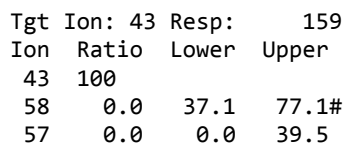
92 100

```
91 351.1 138.6 207.8#
```

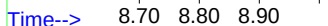
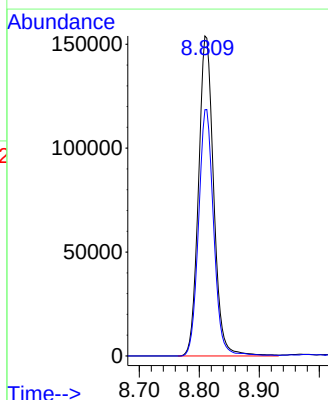


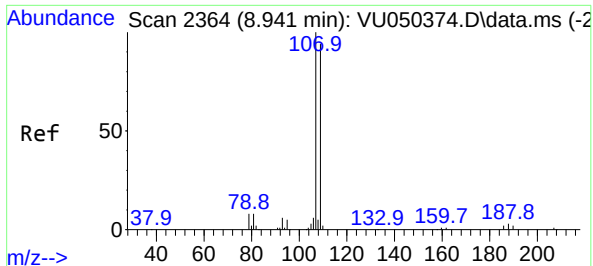


2) **Instrument :**
MSVOA_U
ClientSampleId :
WS-TRihalOMETHANES



Tgt	Ion:129	Resp:	271416
Ion	Ratio	Lower	Upper
129	100		
127	76.8	61.2	91.8





#56

1,2-Dibromoethane

Concen: 0.005 ug/l

RT: 8.931 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU050385.D

Acq: 19 Aug 2022 23:14

Instrument :

MSVOA_U

ClientSampleId :

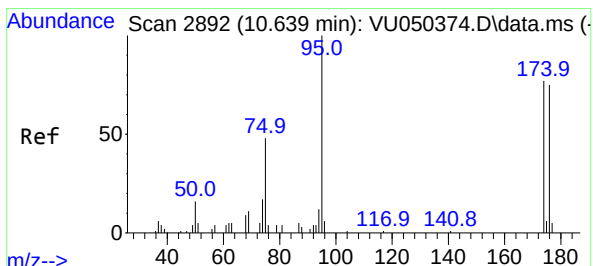
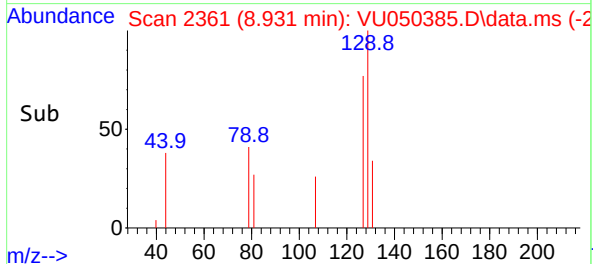
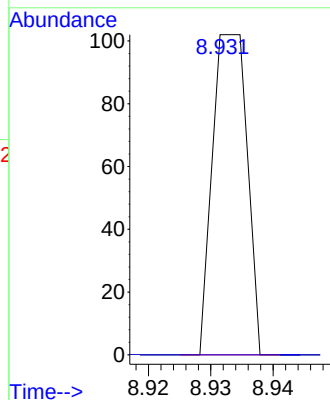
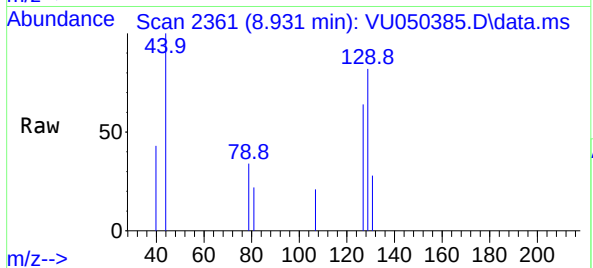
WS-TRIS-THALOMETHANES

Tgt Ion:107 Resp: 39

Ion Ratio Lower Upper

107 100

109 53.8 0.0 187.2



#57

4-Bromofluorobenzene

Concen: 0.877 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. -0.003 min

Lab File: VU050385.D

Acq: 19 Aug 2022 23:14

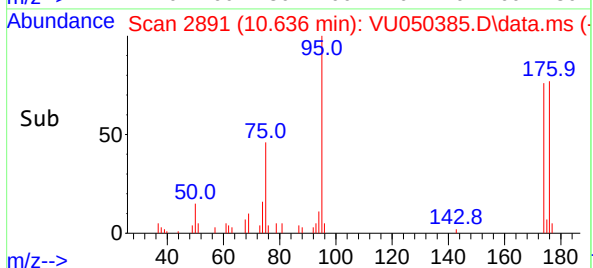
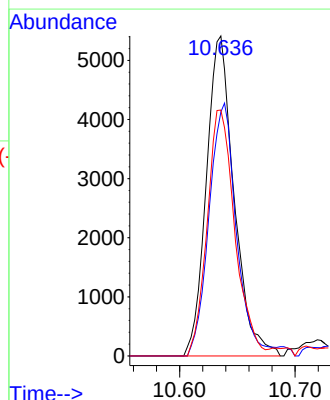
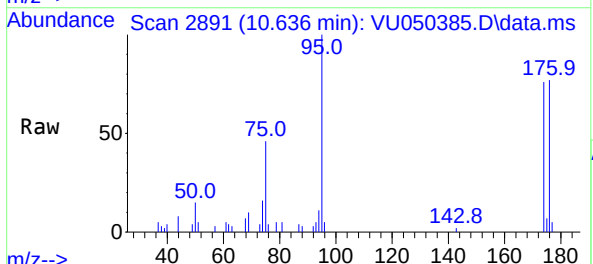
Tgt Ion: 95 Resp: 9017

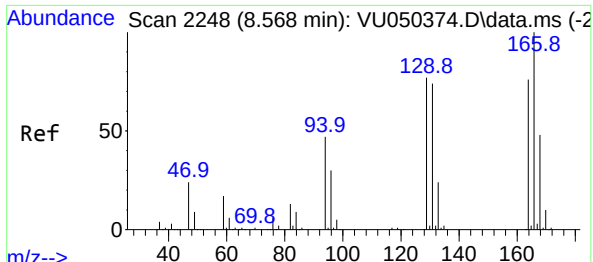
Ion Ratio Lower Upper

95 100

174 78.2 62.4 93.6

176 76.9 56.2 84.2

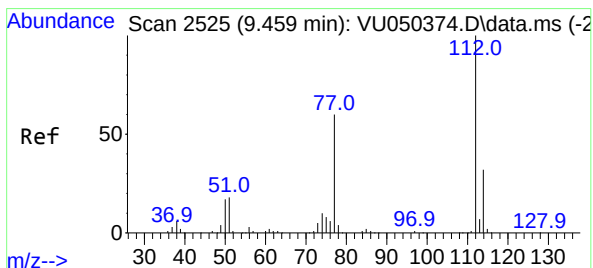
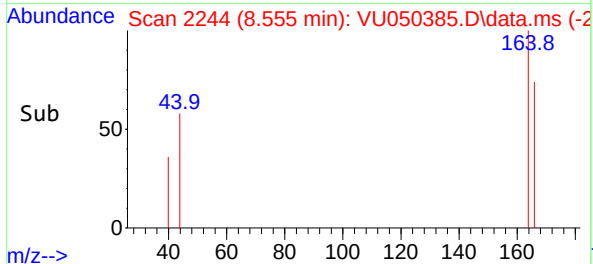
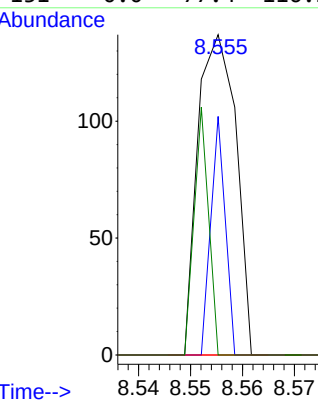
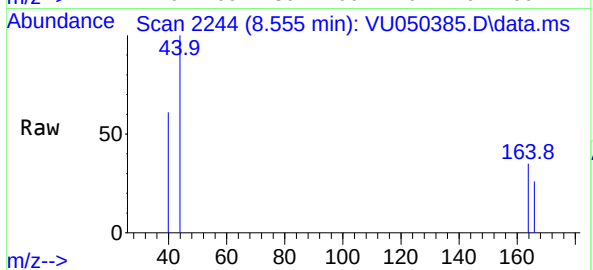




#58
Tetrachloroethene
Concen: 0.008 ug/l
RT: 8.555 min Scan# 211
Delta R.T. -0.013 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

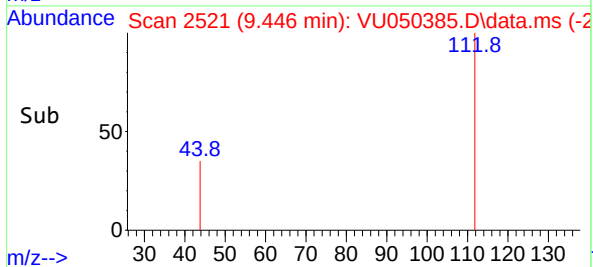
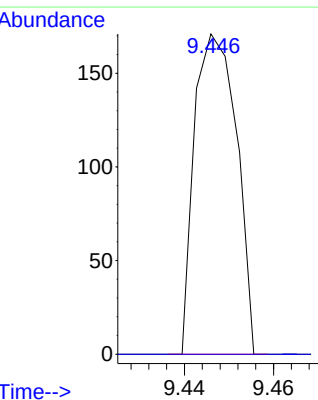
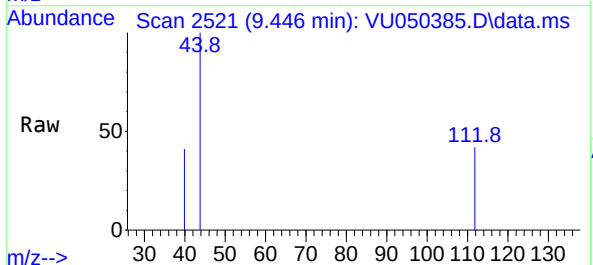
Instrument :
MSVOA_U
ClientSampleId :
WS-TRIS-TRICHLOROMETHANES

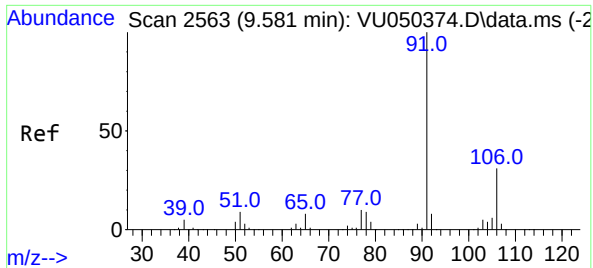
Tgt Ion:164	Resp:	70
Ion	Ratio	Lower Upper
164	100	
166	74.5	102.4 153.6#
129	0.0	79.5 119.3#
131	0.0	77.4 116.2#



#59
Chlorobenzene
Concen: 0.005 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.013 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion:112	Resp:	112
Ion	Ratio	Lower Upper
112	100	
114	0.0	24.9 37.3#

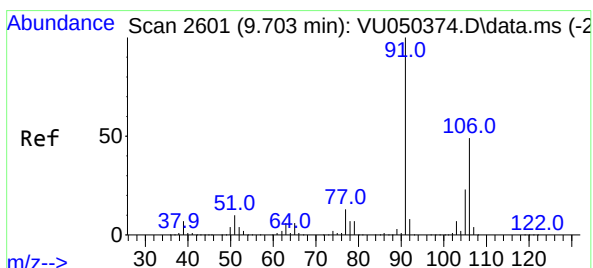
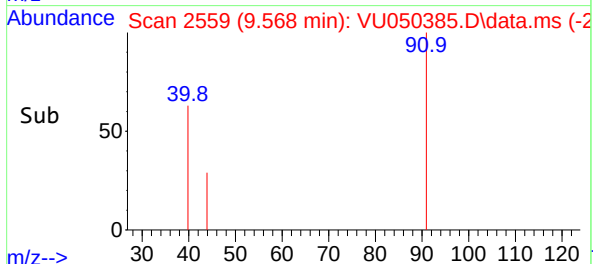
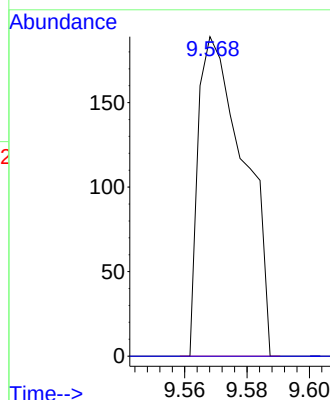
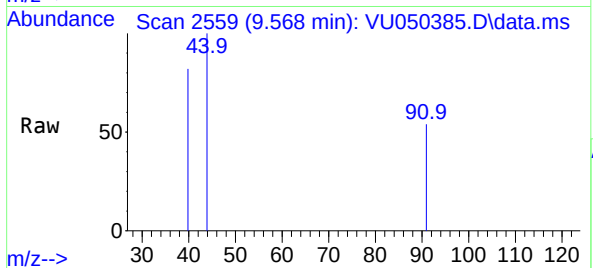




#63
Ethyl Benzene
Concen: 0.574 ug/l
RT: 9.568 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

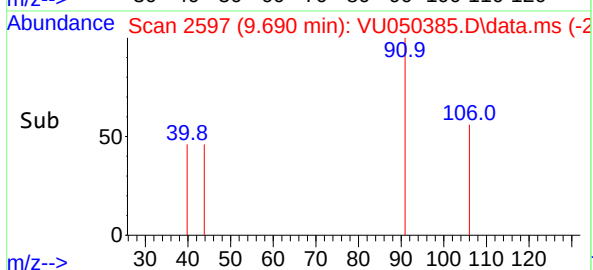
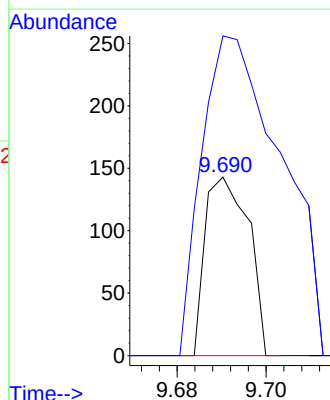
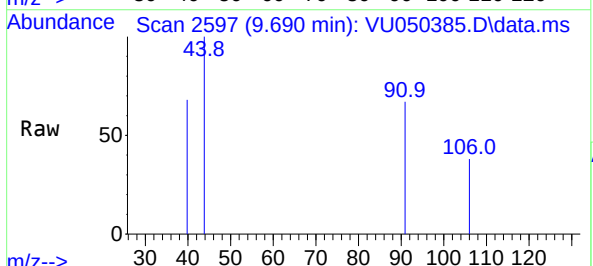
Instrument :
MSVOA_U
ClientSampleId :
WS-TRISHALOMETHANES

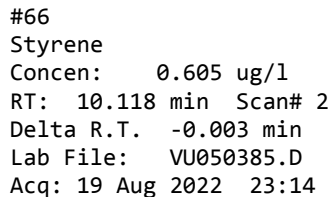
Tgt Ion: 91 Resp: 193
Ion Ratio Lower Upper
91 100
106 0.0 24.4 36.6#



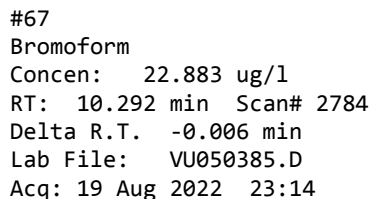
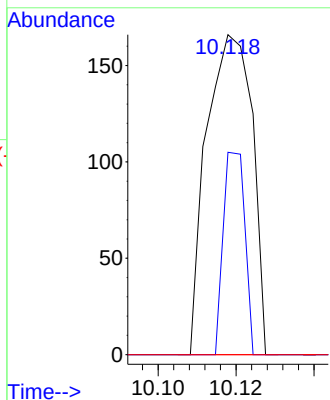
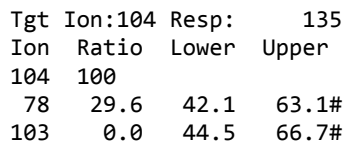
#64
m/p-Xylenes
Concen: 1.090 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.013 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion: 106 Resp: 97
Ion Ratio Lower Upper
106 100
91 327.8 167.8 251.6#

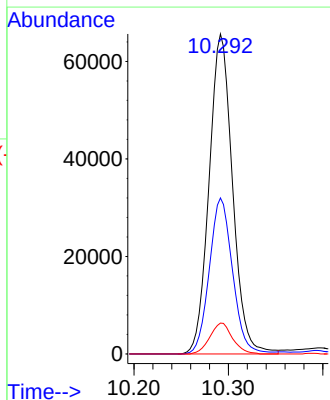


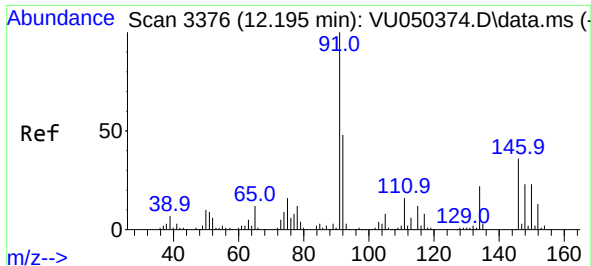


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Tgt	Ion:173	Resp:	113299
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.4	57.6
254	9.3	7.7	11.5

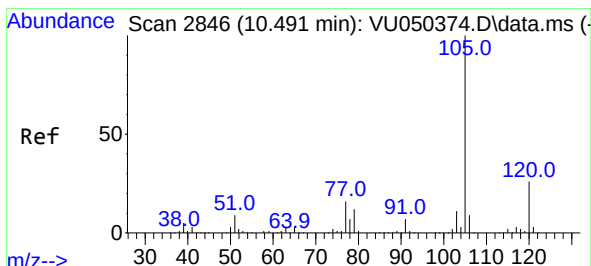
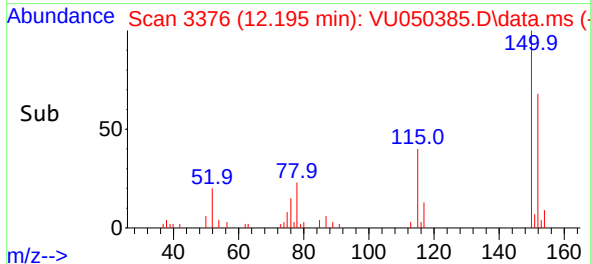
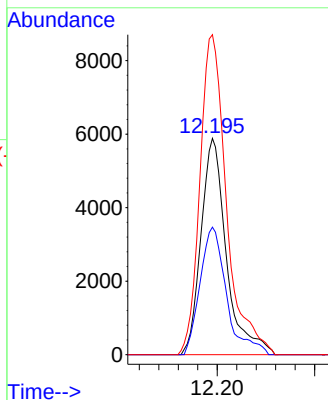
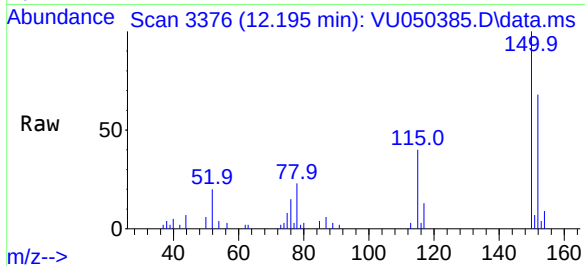




#68
1,2-Dichlorobenzene-d4
Concen: 0.877 ug/l
RT: 12.195 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

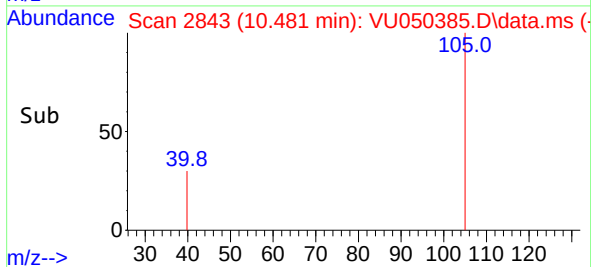
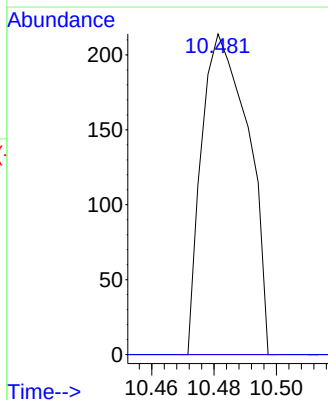
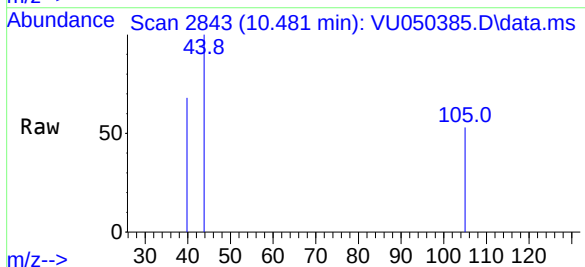
Instrument :
MSVOA_U
ClientSampleId :
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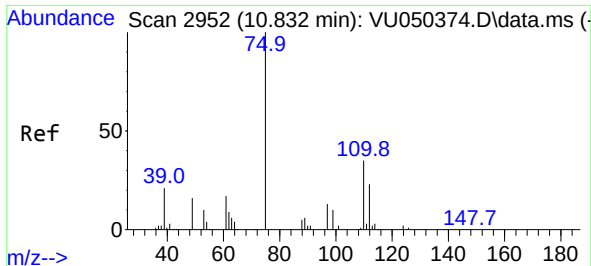
Tgt Ion:152 Resp: 10663
Ion Ratio Lower Upper
152 100
115 61.6 0.0 254.6
150 154.9 0.0 623.6



#69
Isopropylbenzene
Concen: 0.007 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.010 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion:105 Resp: 222
Ion Ratio Lower Upper
105 100
120 0.0 12.6 37.8#



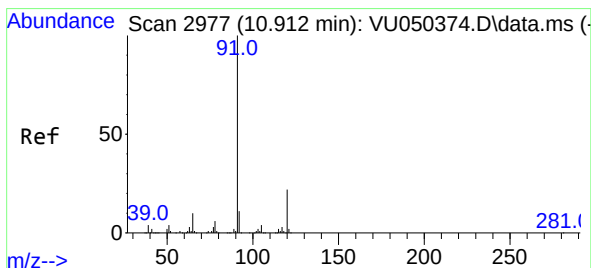
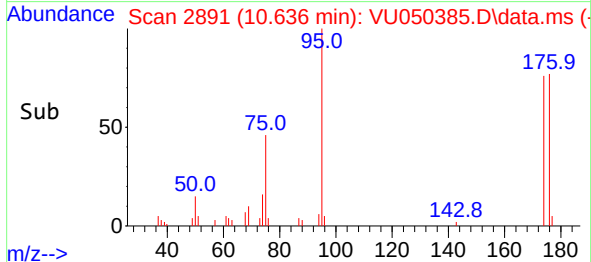
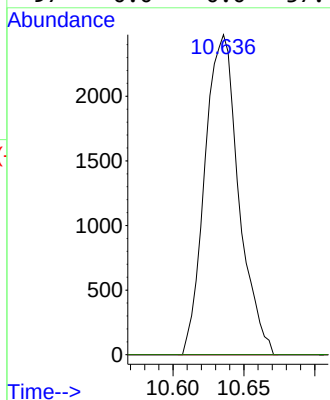
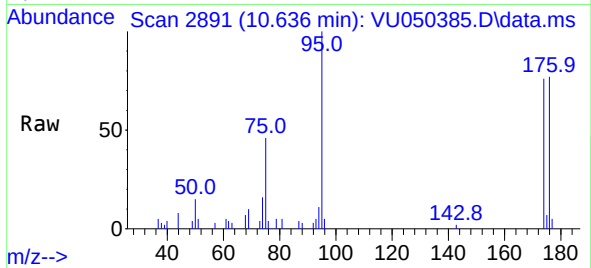


#71
1,2,3-Trichloropropane
Concen: 0.501 ug/l
RT: 10.636 min Scan# 21
Delta R.T. -0.196 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Instrument :
MSVOA_U
ClientSampleId :
WS-TRICHALOMETHANES

Tgt Ion: 75 Resp: 4113

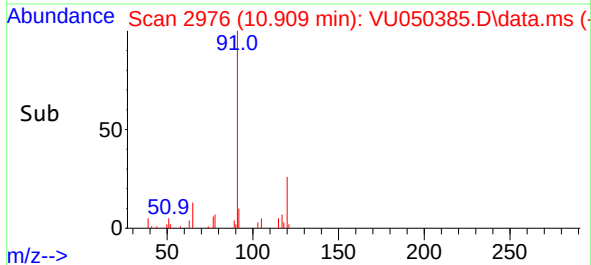
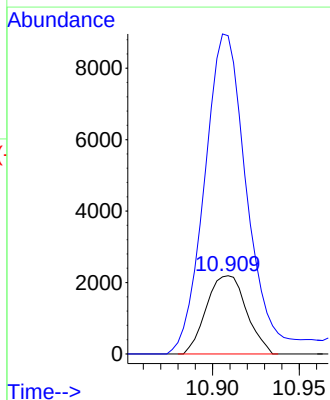
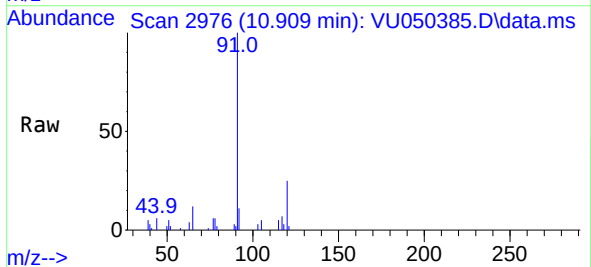
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	112.4
110	0.0	0.0	70.6
97	0.0	0.0	37.4

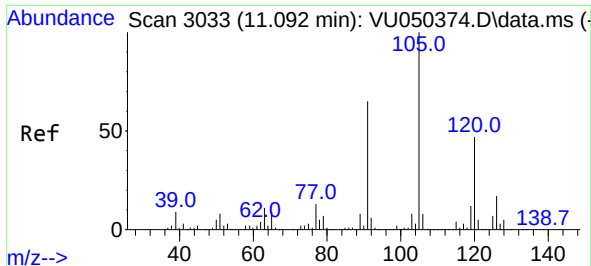


#73
n-propylbenzene
Concen: 0.869 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.003 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion: 120 Resp: 3513

Ion	Ratio	Lower	Upper
120	100		
91	441.7	367.8	551.6

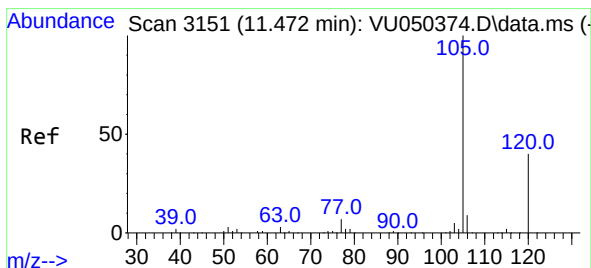
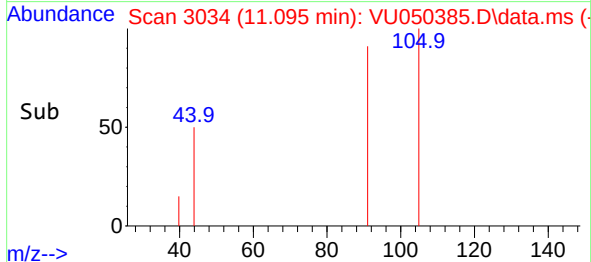
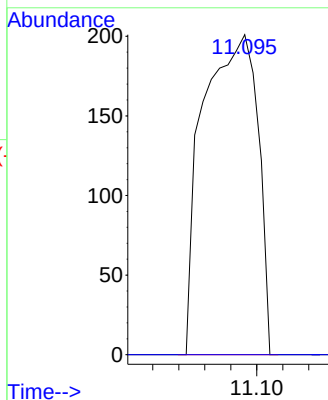
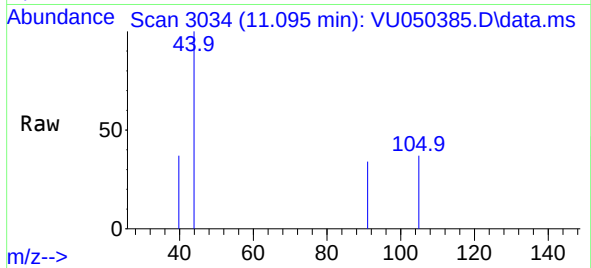




#75
1,3,5-Trimethylbenzene
Concen: 0.531 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

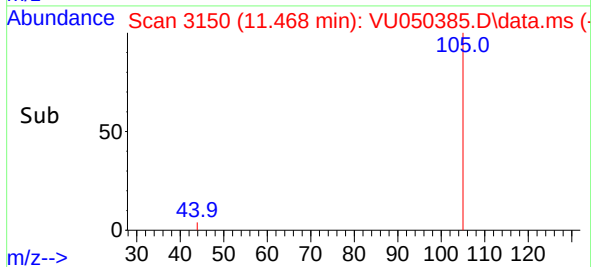
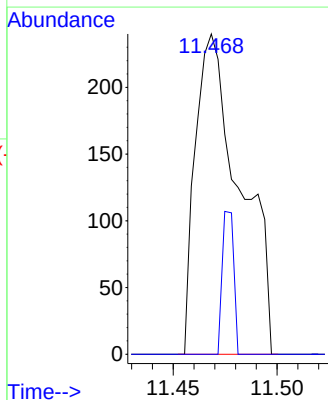
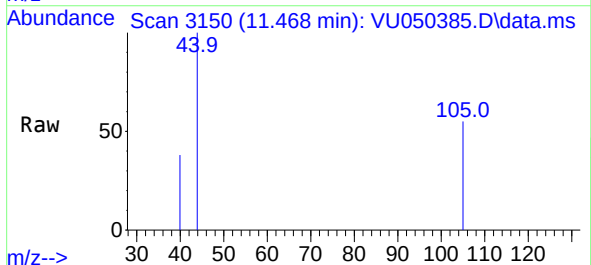
Instrument :
MSVOA_U
ClientSampleId :
WS-TRISHALOMETHANES

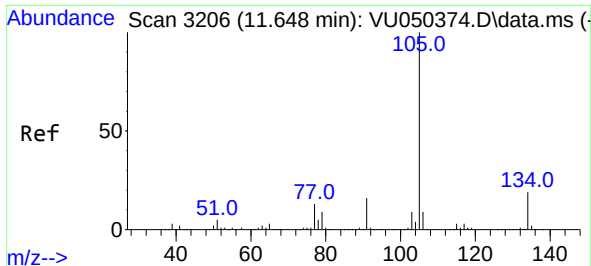
Tgt Ion:105 Resp: 294
Ion Ratio Lower Upper
105 100
120 0.0 37.6 56.4#



#78
1,2,4-Trimethylbenzene
Concen: 0.574 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion:105 Resp: 360
Ion Ratio Lower Upper
105 100
120 11.4 21.6 65.0#

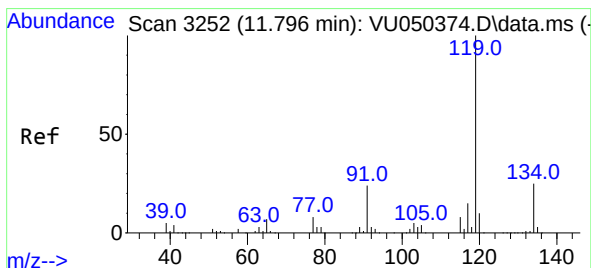
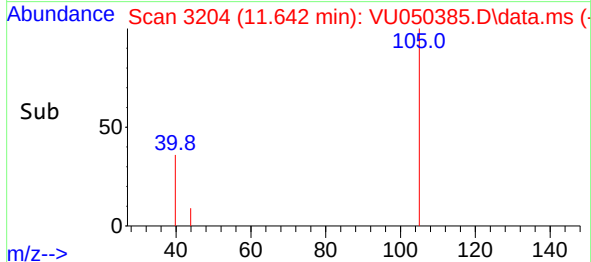
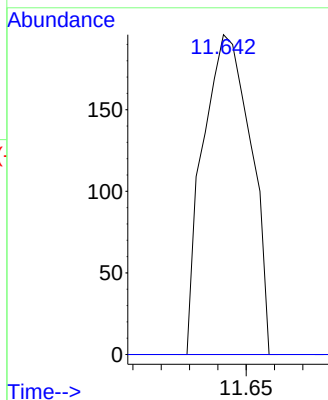
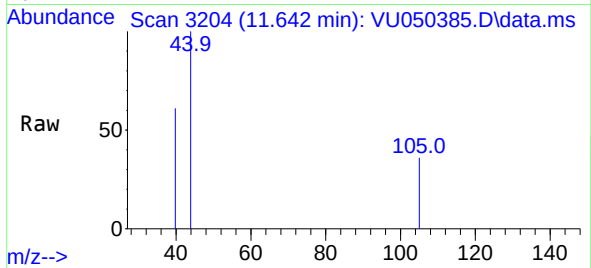




#79
 sec-Butylbenzene
 Concen: 0.553 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU050385.D
 Acq: 19 Aug 2022 23:14

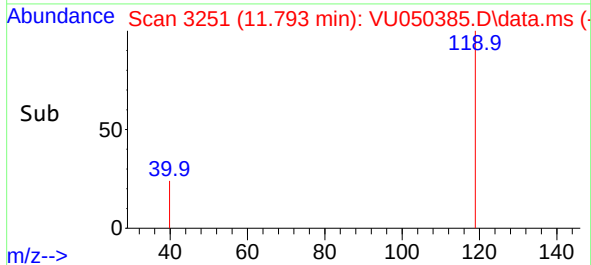
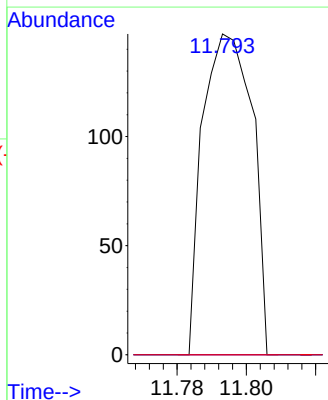
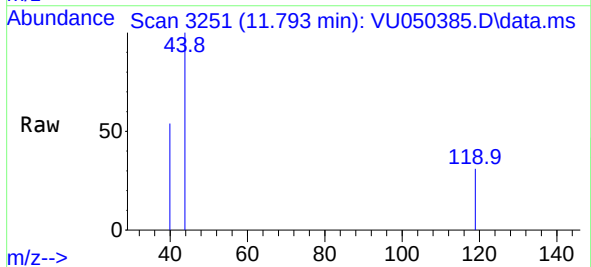
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-TRIS-TRICHLOROMETHANES

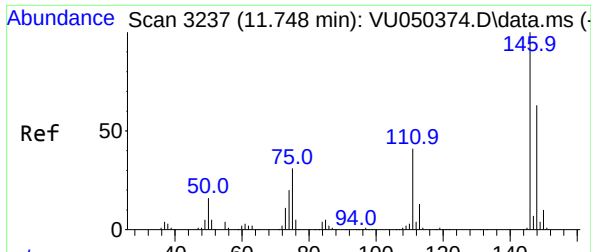
Tgt Ion:105 Resp: 229
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.0#



#81
 p-Isopropyltoluene
 Concen: 0.005 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.003 min
 Lab File: VU050385.D
 Acq: 19 Aug 2022 23:14

Tgt Ion:119 Resp: 146
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.5 30.7#
 91 0.0 19.8 29.6#





#82

1,3-Dichlorobenzene

Concen: 0.010 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050385.D

Acq: 19 Aug 2022 23:14

Instrument :

MSVOA_U

ClientSampleId :

WS-TRIS-TRICHLOROMETHANES

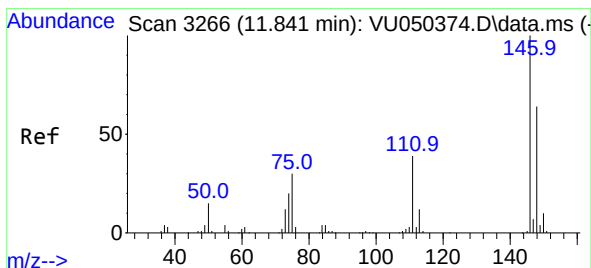
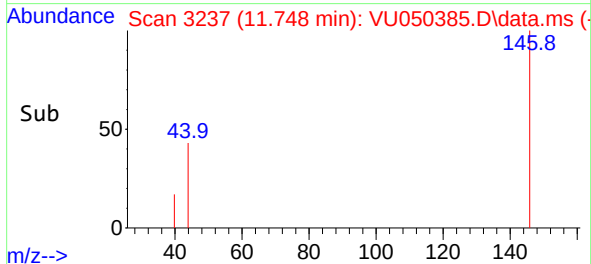
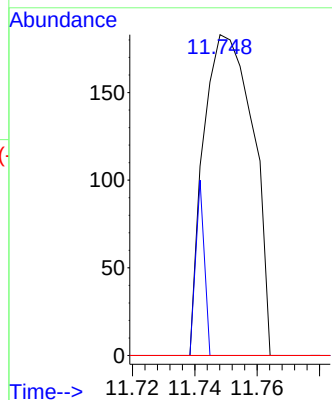
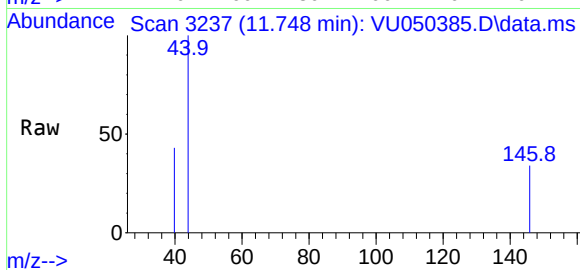
Tgt Ion:146 Resp: 201

Ion Ratio Lower Upper

146 100

111 9.5 33.4 50.2#

148 0.0 51.2 76.8#



#83

1,4-Dichlorobenzene

Concen: 0.019 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.006 min

Lab File: VU050385.D

Acq: 19 Aug 2022 23:14

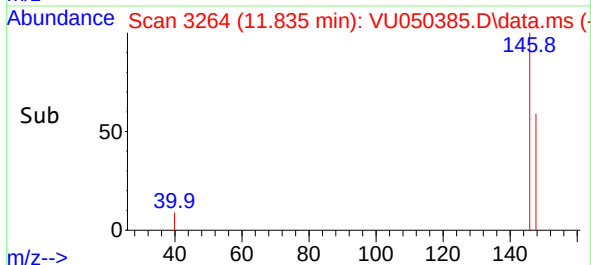
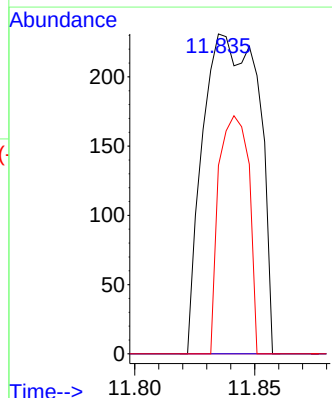
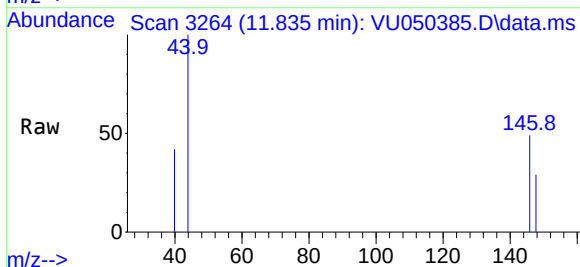
Tgt Ion:146 Resp: 371

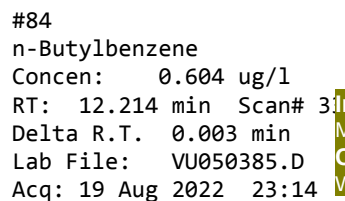
Ion Ratio Lower Upper

146 100

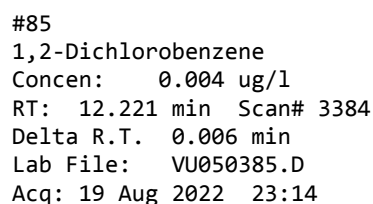
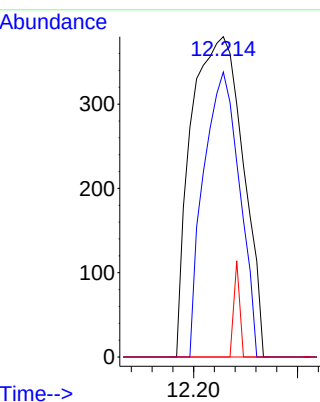
111 0.0 32.6 49.0#

148 40.2 51.6 77.4#

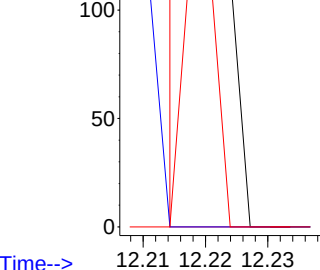
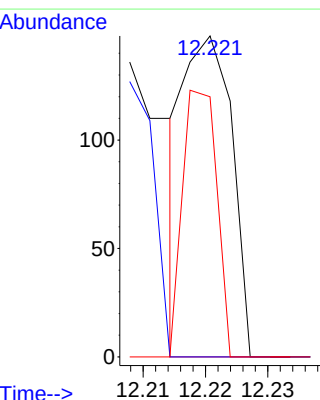


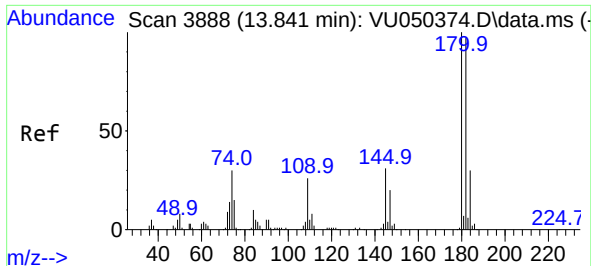


Tgt Ion: 91	Resp: 656
Ion Ratio	Lower Upper
91 100	
92 61.4	42.3 63.5
134 3.4	19.6 29.4#



Tgt	Ion:146	Resp:	78
Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.1	66.1#
148	60.3	32.1	96.3

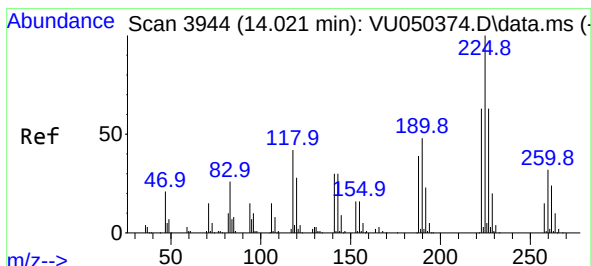
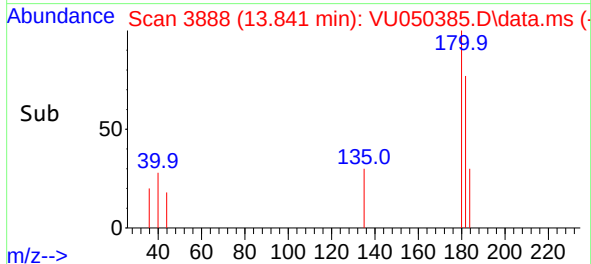
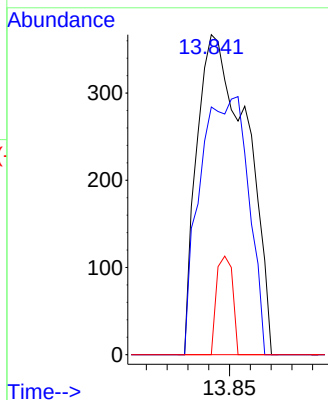
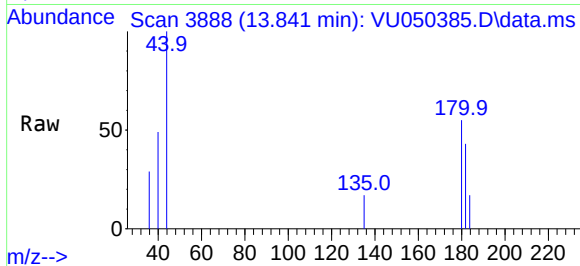




#87
1,2,4-Trichlorobenzene
Concen: 0.057 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

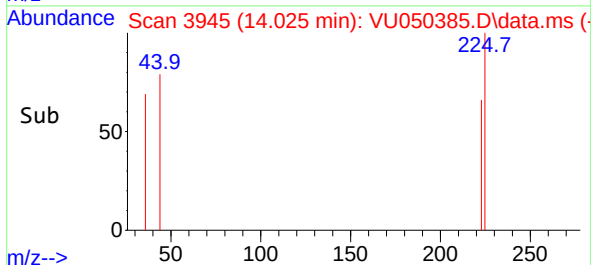
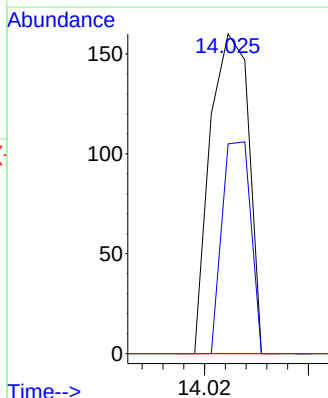
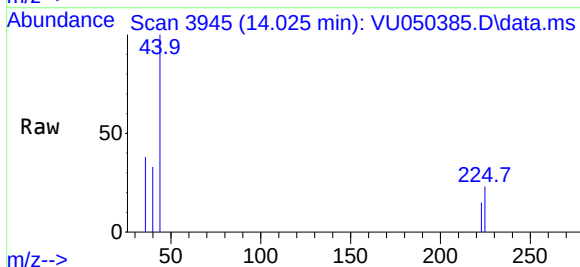
Instrument :
MSVOA_U
ClientSampleId :
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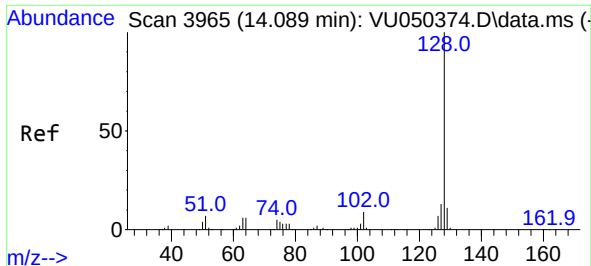
Tgt Ion:180 Resp: 610
Ion Ratio Lower Upper
180 100
182 78.4 77.0 115.6
145 10.0 25.7 38.5#



#88
Hexachlorobutadiene
Concen: 0.012 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion:225 Resp: 82
Ion Ratio Lower Upper
225 100
223 50.0 50.6 76.0#
227 0.0 50.7 76.1#

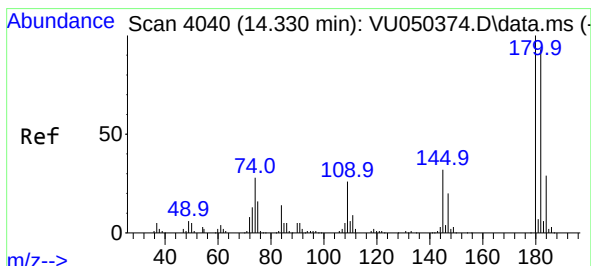
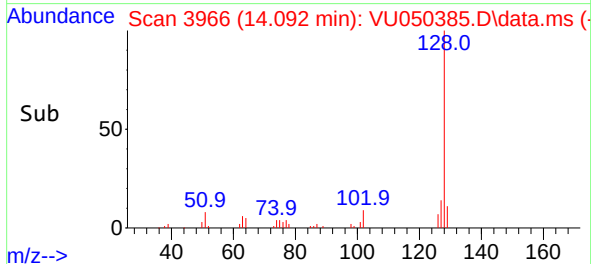
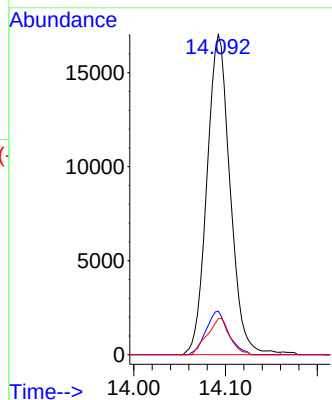
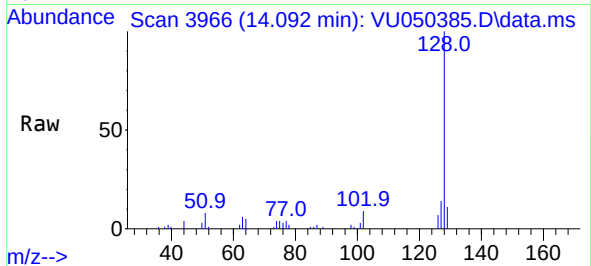




#89
Naphthalene
Concen: 1.885 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Instrument :
MSVOA_U
ClientSampleId :
WS-TRIS-TRICHALOMETHANES

Tgt Ion:	128	Resp:	29869
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.1	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.531 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU050385.D
Acq: 19 Aug 2022 23:14

Tgt Ion:	180	Resp:	566
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	114.8
145	0.0	27.3	40.9#

