

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082021\
 Data File : VU044488.D
 Acq On : 20 Aug 2021 15:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:48:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 21 02:45:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38094	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.916	69	36515	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.571	65	17901	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.642	46	103713	40.156	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.320%
24) Chloroform-d	5.073	84	78247	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.710	65	41990	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.735	84	155599	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.700	67	49261	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.906	98	139119	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.185	79	18461	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.645	63	108830	53.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.180%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43201	4.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	48870	4.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58349	4.914	ug/L	99
3) Chloromethane	1.520	50	70166	4.510	ug/L	98
5) Vinyl chloride	1.607	62	71610	4.979	ug/L	98
6) Bromomethane	1.861	94	40191	5.141	ug/L	99
8) Chloroethane	1.938	64	43733	4.975	ug/L	95
9) Trichlorofluoromethane	2.144	101	82167	4.997	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46617	5.152	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44280	4.990	ug/L	98
13) Acetone	2.645	43	57010	26.583	ug/L	85
14) Carbon disulfide	2.800	76	140046	4.865	ug/L	100
15) Methyl Acetate	2.961	43	17029	4.862	ug/L	98
16) Methylene chloride	3.054	84	72934	5.532	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	115536	5.034	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	46494	5.029	ug/L	99
19) 1,1-Dichloroethane	3.877	63	90714	5.061	ug/L	97
21) 2-Butanone	4.719	43	124691	40.799	ug/L	92
22) cis-1,2-Dichloroethene	4.674	96	50089	5.067	ug/L	100
23) Bromochloromethane	4.983	128	22430	5.147	ug/L	94
25) Chloroform	5.095	83	91380	4.969	ug/L	99

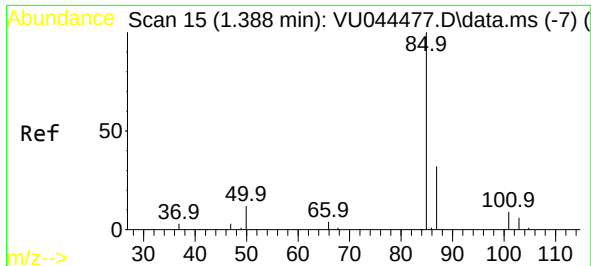
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082021\
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Quant Time: Aug 21 02:48:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 21 02:45:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62887	5.127	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	75321	5.184	ug/L	98
30) Cyclohexane	5.394	56	80884	5.036	ug/L	100
31) Carbon tetrachloride	5.533	117	60467	5.065	ug/L	100
33) Benzene	5.780	78	200993	5.104	ug/L	100
34) Trichloroethene	6.549	95	49251	5.058	ug/L	99
35) Methylcyclohexane	6.771	83	80229	4.941	ug/L	99
37) 1,2-Dichloropropane	6.800	63	53737	5.211	ug/L	100
38) Bromodichloromethane	7.115	83	64791	5.117	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	72654	5.024	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	376314	53.745	ug/L	100
42) Toluene	7.976	91	213828	5.212	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	61947	5.054	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	38975	5.300	ug/L	95
47) Tetrachloroethene	8.558	164	34697	5.154	ug/L	98
48) 2-Hexanone	8.697	43	273414	54.725	ug/L	99
49) Dibromochloromethane	8.819	129	39294	5.049	ug/L	100
50) 1,2-Dibromoethane	8.931	107	37467	5.327	ug/L	99
51) Chlorobenzene	9.452	112	127331	5.058	ug/L	99
52) Ethylbenzene	9.578	91	224922	5.190	ug/L	98
53) m,p-Xylene	9.700	106	85891	5.272	ug/L	99
54) o-Xylene	10.108	106	82485	5.198	ug/L	97
55) Styrene	10.121	104	144625	5.558	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	50219	5.187	ug/L	99
59) Bromoform	10.298	173	20017	4.778	ug/L	96
60) Isopropylbenzene	10.491	105	217559	5.027	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	37230	5.024	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	180275	5.094	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	184986	5.098	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	95378	5.019	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	96061	5.003	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	91723	5.064	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	7473	4.930	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	65644	4.906	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	52142	4.972	ug/L	99
71) Naphthalene	14.092	128	101240	5.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	49143	5.118	ug/L	100

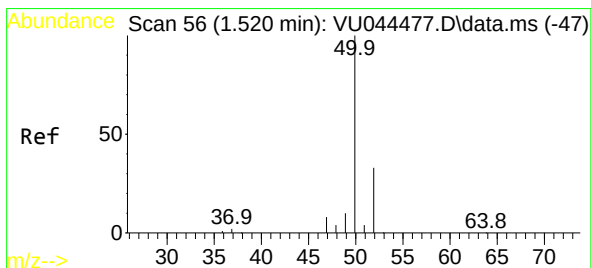
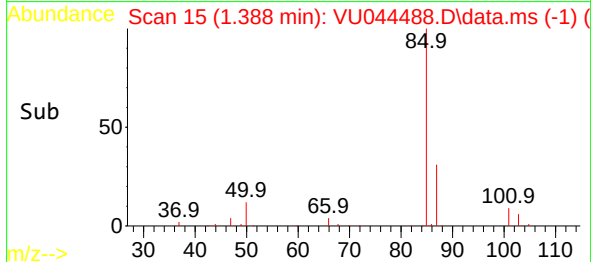
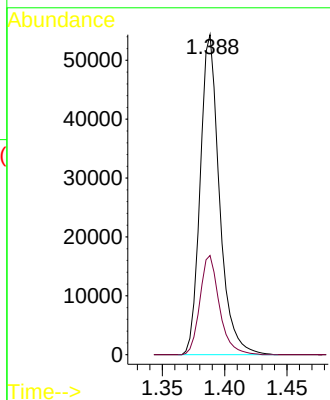
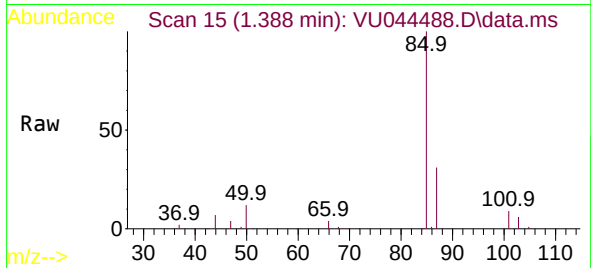
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.914 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

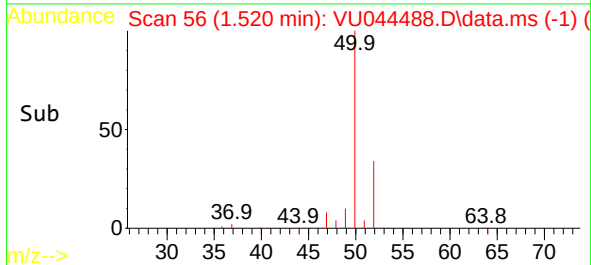
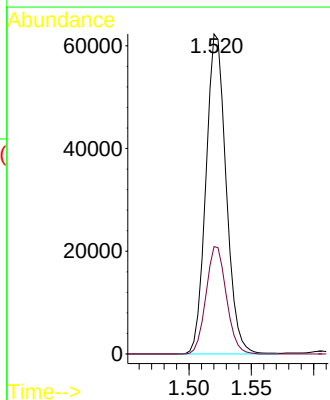
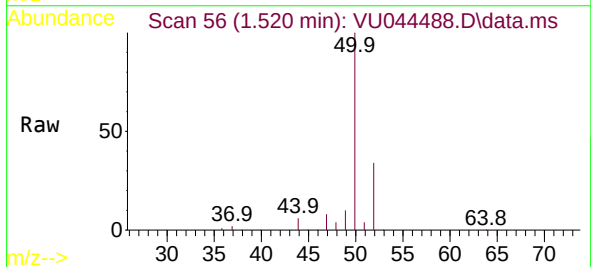
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MSVOA_U
ClientSampled :

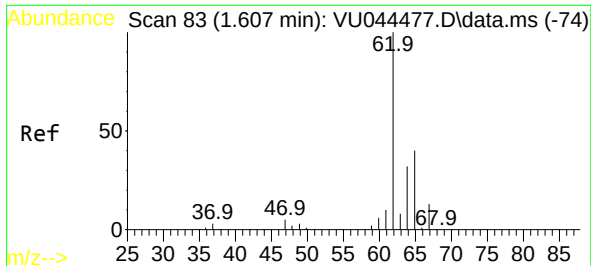
Tgt Ion: 85 Resp: 58349
Ion Ratio Lower Upper
85 100
87 31.3 25.7 38.5



#3
Chloromethane
Concen: 4.510 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 50 Resp: 70166
Ion Ratio Lower Upper
50 100
52 33.5 22.8 42.4

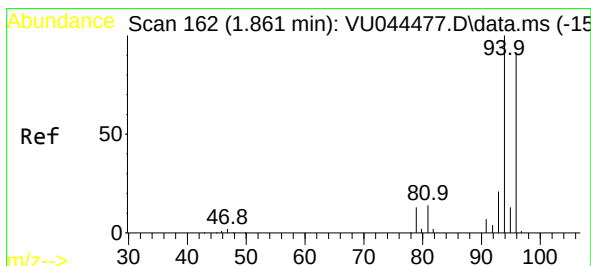
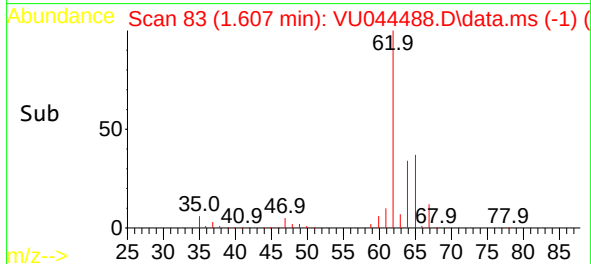
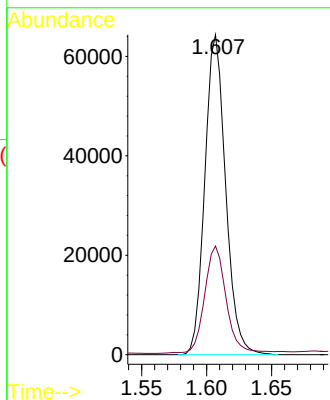
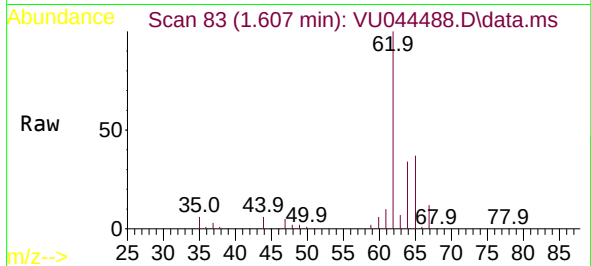




#5
 Vinyl chloride
 Concen: 4.979 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044488.D
 Acq: 20 Aug 2021 15:22

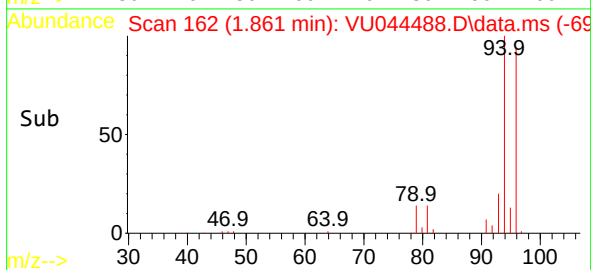
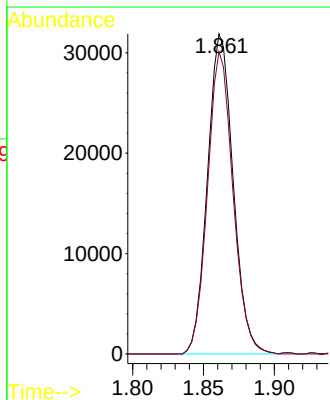
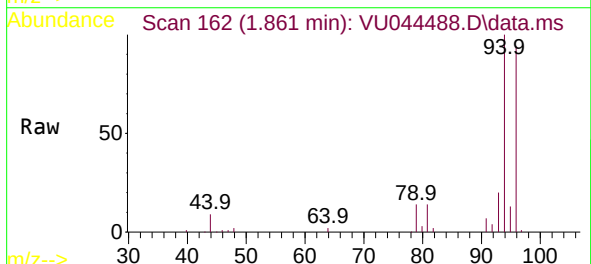
Instrument :
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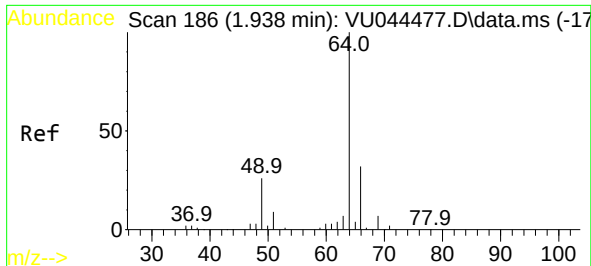
Tgt Ion: 62 Resp: 71610
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#6
 Bromomethane
 Concen: 5.141 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044488.D
 Acq: 20 Aug 2021 15:22

Tgt Ion: 94 Resp: 40191
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.2 121.2

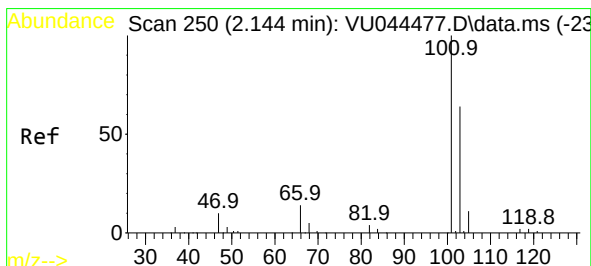
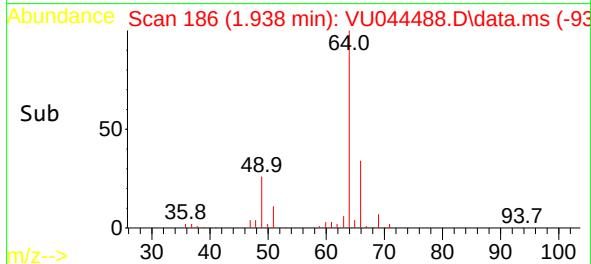
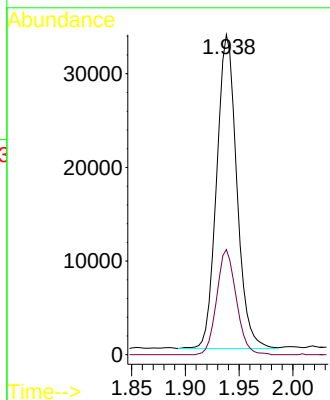
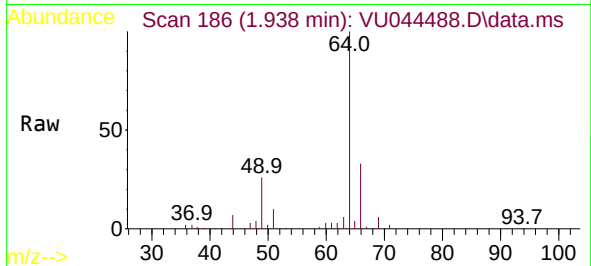




#8
Chloroethane
Concen: 4.975 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

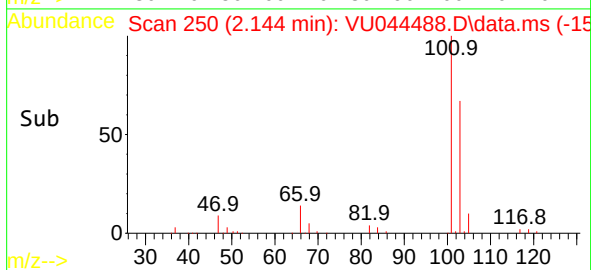
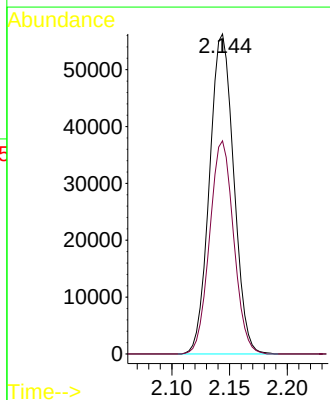
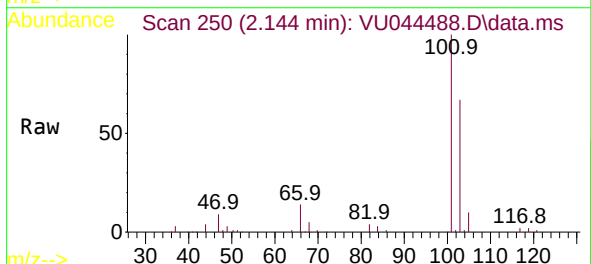
Instrument :
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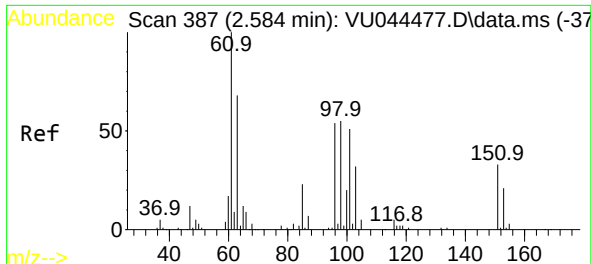
Tgt Ion: 64 Resp: 43733
Ion Ratio Lower Upper
64 100
66 32.9 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.997 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:101 Resp: 82167
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

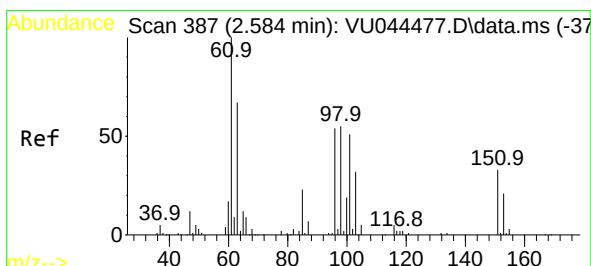
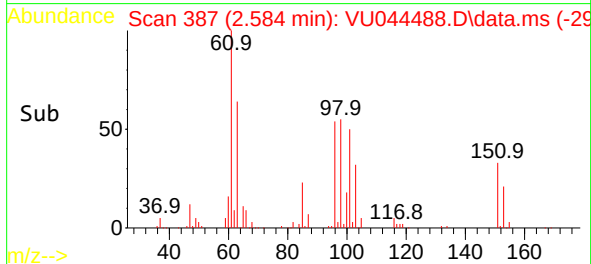
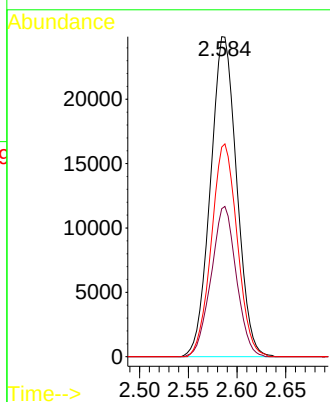
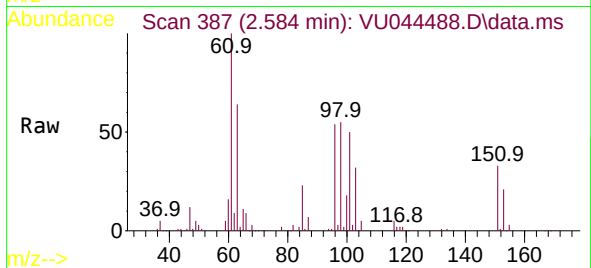




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.152 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

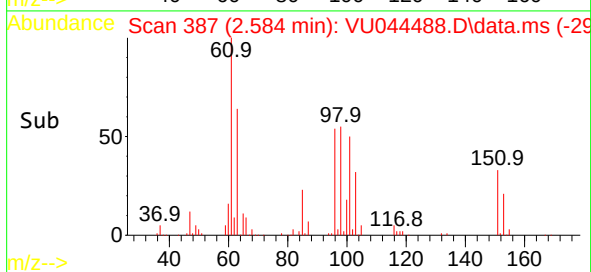
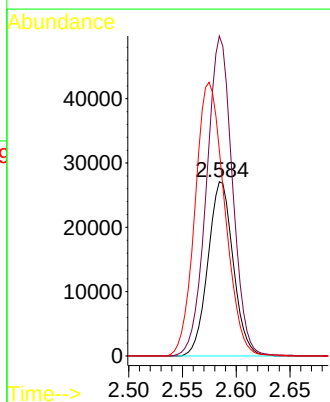
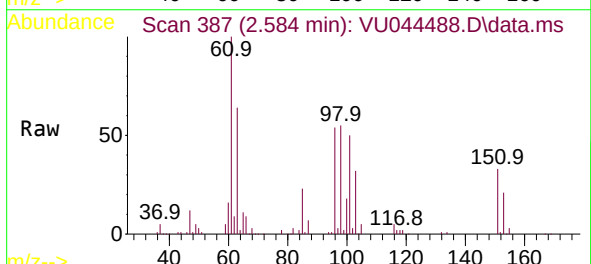
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ClientSampled :

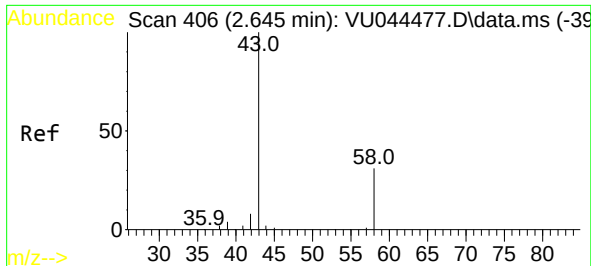
Tgt Ion:101 Resp: 46617
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 65.5 53.0 79.6



#12
1,1-Dichloroethene
Concen: 4.990 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 96 Resp: 44280
Ion Ratio Lower Upper
96 100
61 183.6 126.1 234.3
63 118.2 84.8 157.6

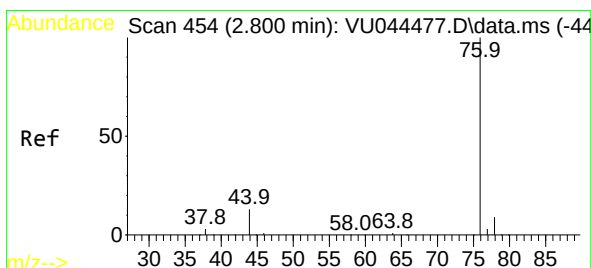
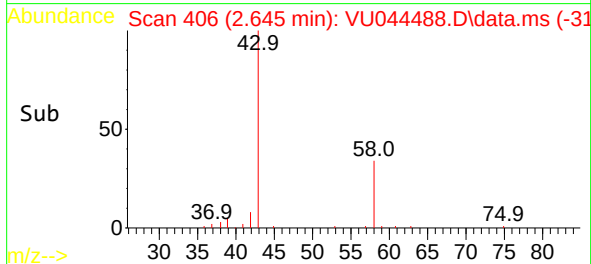
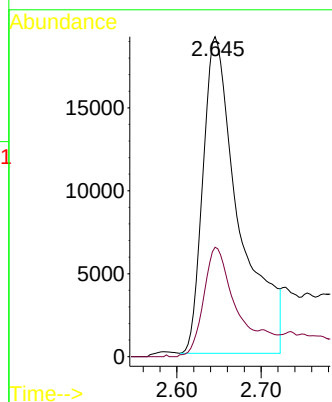
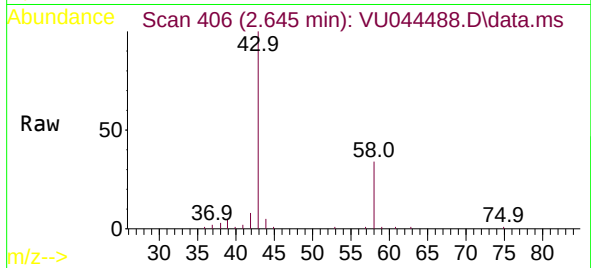




#13
Acetone
Concen: 26.583 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

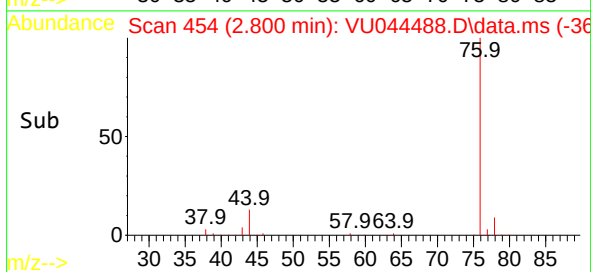
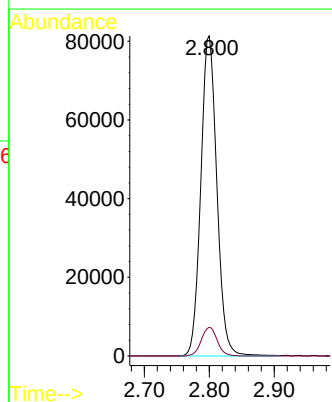
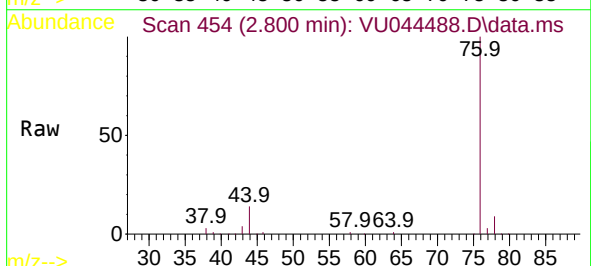
Instrument :
MSVOA_U
ClientSampled :

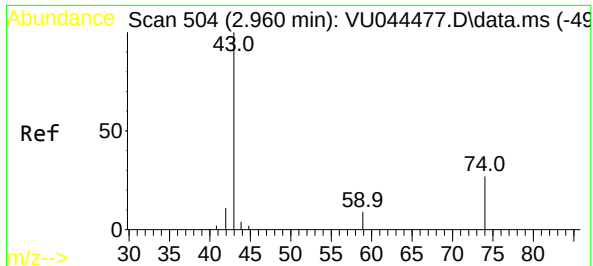
Tgt Ion: 43 Resp: 57010
Ion Ratio Lower Upper
43 100
58 29.7 0.0 45.4



#14
Carbon disulfide
Concen: 4.865 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 76 Resp: 140046
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

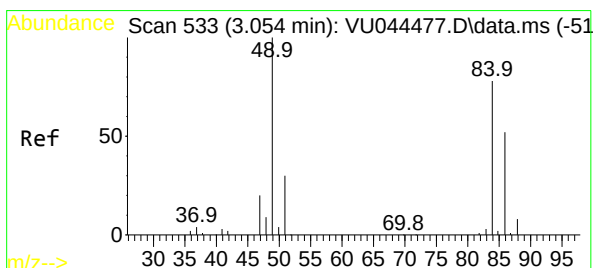
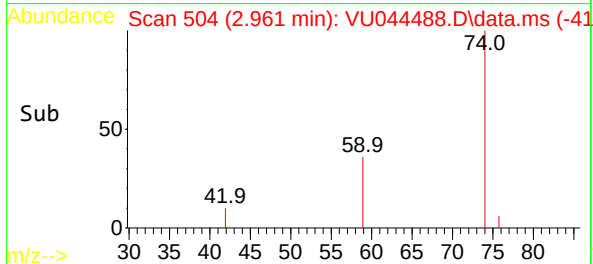
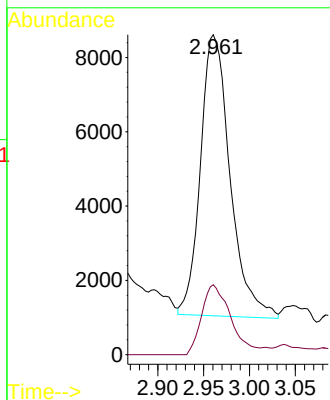
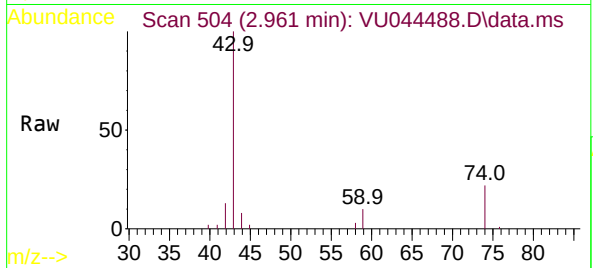




#15
Methyl Acetate
Concen: 4.862 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

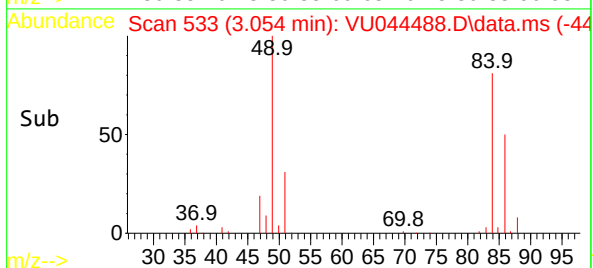
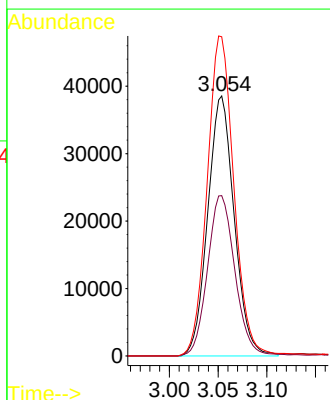
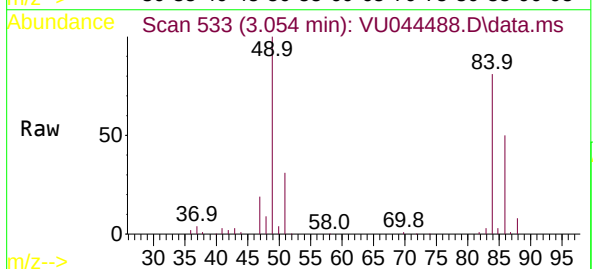
Instrument :
MSVOA_U
ClientSampled :

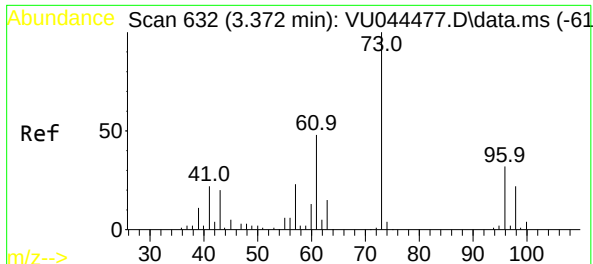
Tgt Ion: 43 Resp: 17029
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4



#16
Methylene chloride
Concen: 5.532 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 84 Resp: 72934
Ion Ratio Lower Upper
84 100
86 61.7 45.2 84.0
49 122.8 88.8 165.0



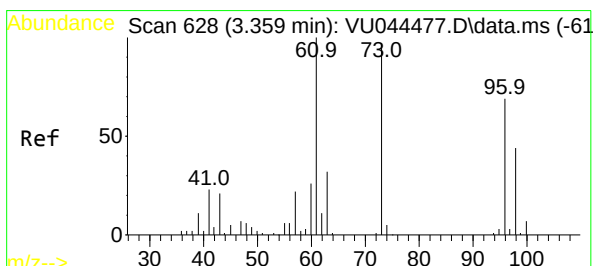
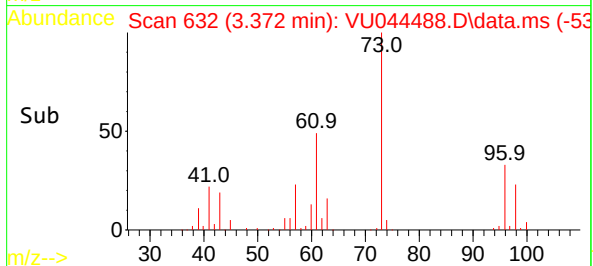
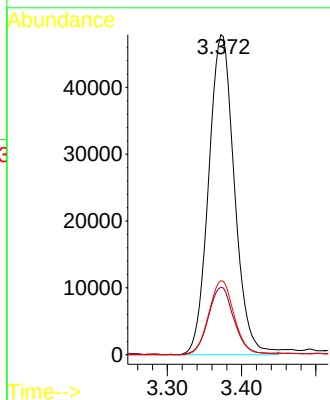
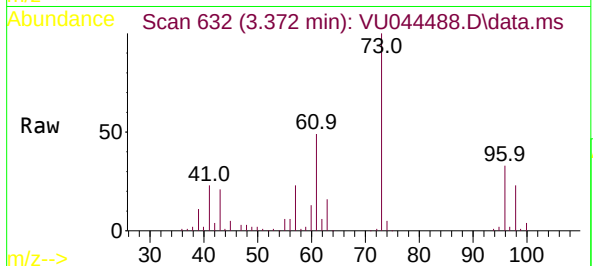


#17

Methyl tert-butyl Ether
Concen: 5.034 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

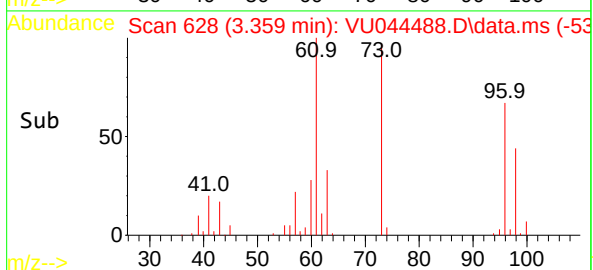
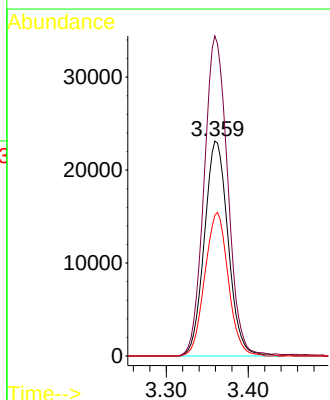
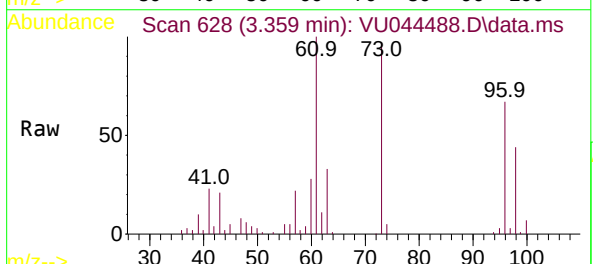
Tgt Ion: 73	Resp: 115536
Ion Ratio	Lower Upper
73 100	
43 21.0	16.2 24.4
57 22.9	17.8 26.8

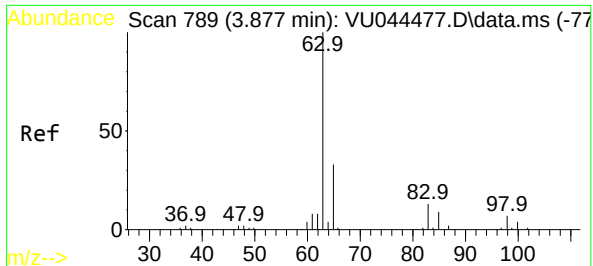


#18

trans-1,2-Dichloroethene
Concen: 5.029 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 96	Resp: 46494
Ion Ratio	Lower Upper
96 100	
61 148.9	103.7 192.5
98 65.4	44.7 83.1



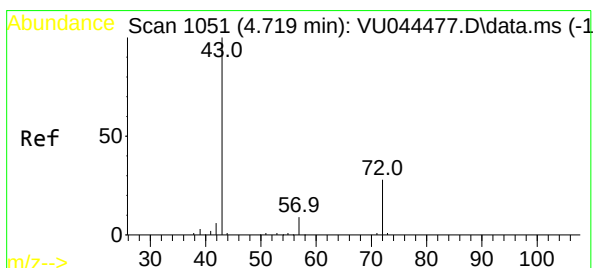
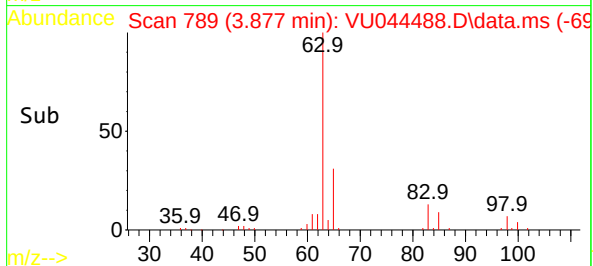
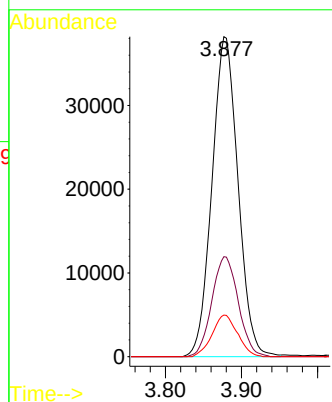
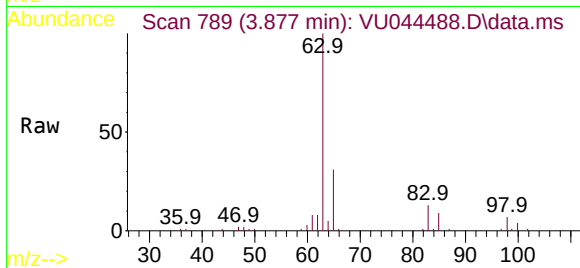


#19

1,1-Dichloroethane
Concen: 5.061 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

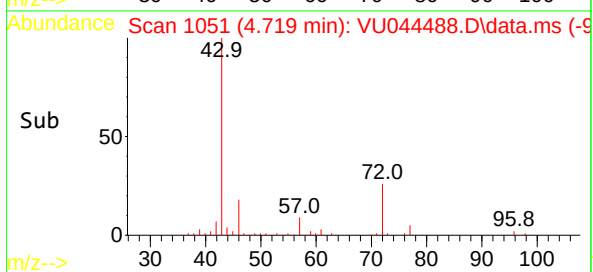
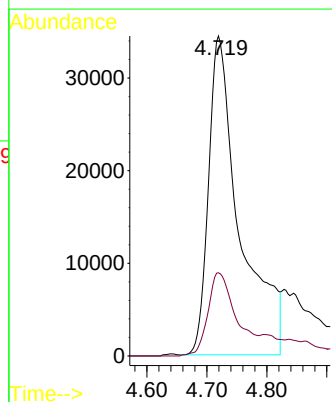
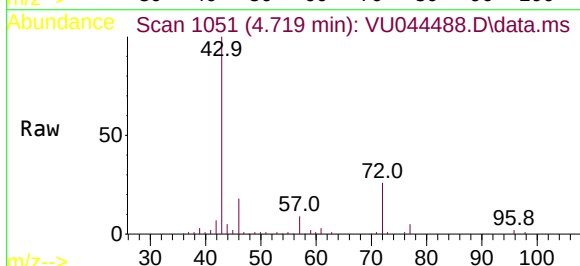
Tgt Ion:	63	Resp:	90714
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.4	43.6
83	13.0	9.0	16.6

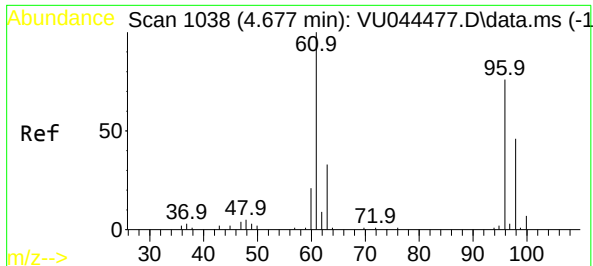


#21

2-Butanone
Concen: 40.799 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:	43	Resp:	124691
Ion	Ratio	Lower	Upper
43	100		
72	23.8	14.1	42.4

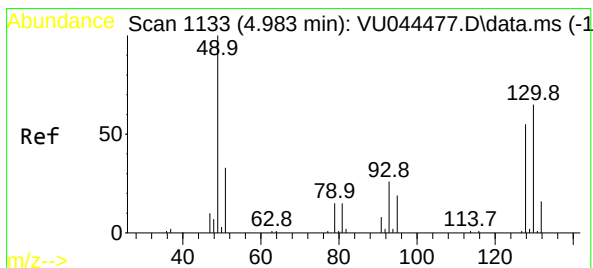
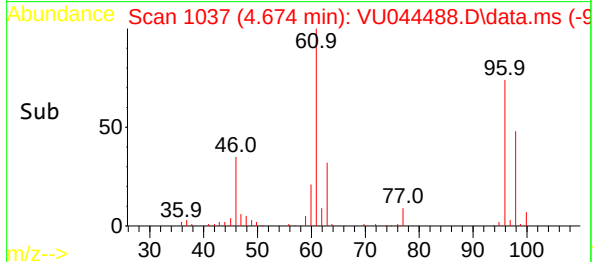
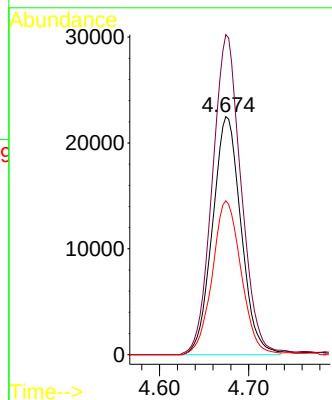
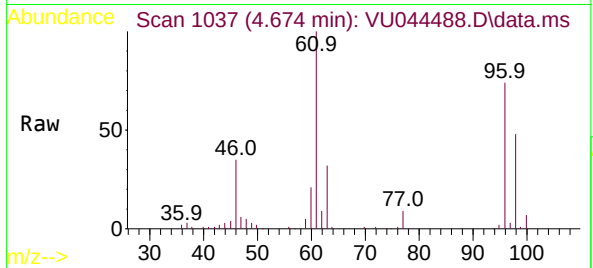




#22
 cis-1,2-Dichloroethene
 Concen: 5.067 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU044488.D
 Acq: 20 Aug 2021 15:22

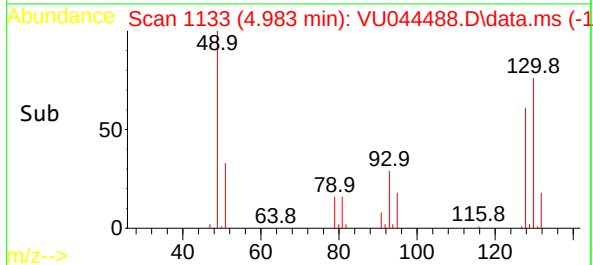
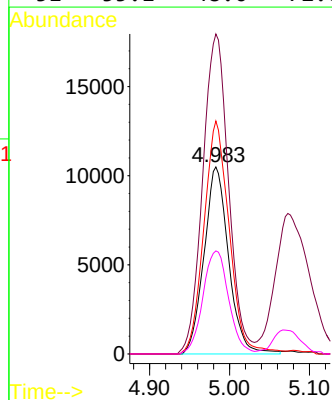
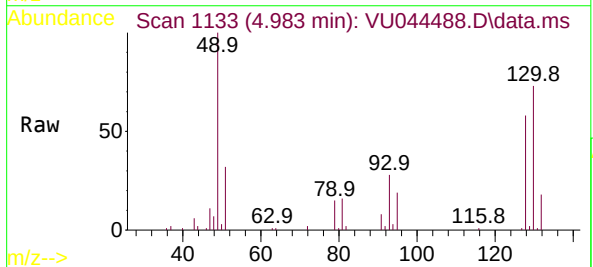
Instrument :
 MSVOA_U
 ClientSampled :

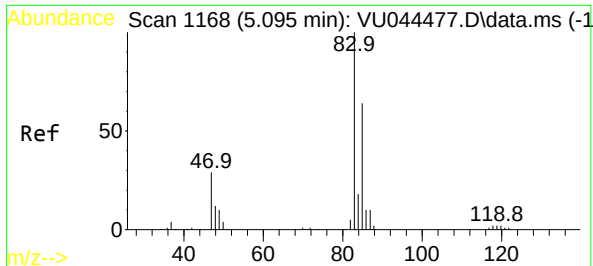
Tgt Ion: 96 Resp: 50089
 Ion Ratio Lower Upper
 96 100
 61 134.4 93.9 174.5
 98 64.7 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.147 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU044488.D
 Acq: 20 Aug 2021 15:22

Tgt Ion: 128 Resp: 22430
 Ion Ratio Lower Upper
 128 100
 49 171.0 128.1 237.9
 130 124.5 89.2 165.8
 51 55.1 48.0 72.0



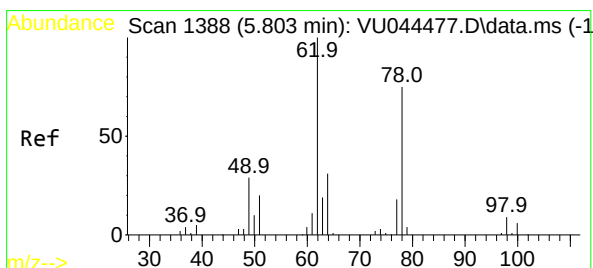
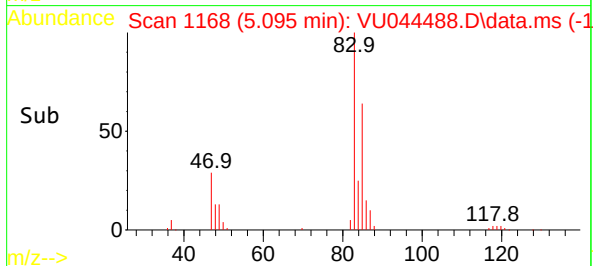
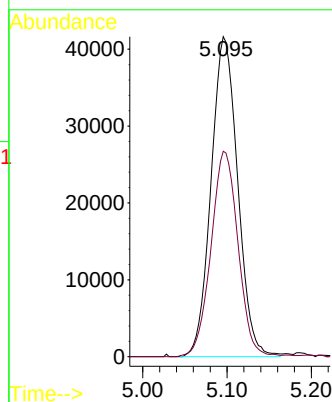
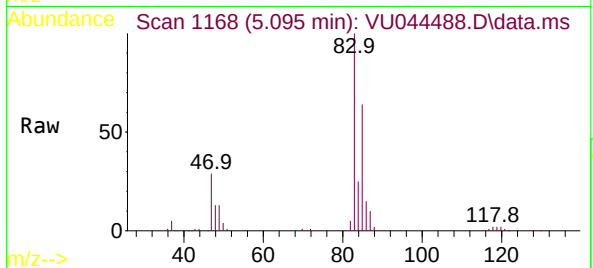


#25

Chloroform
Concen: 4.969 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

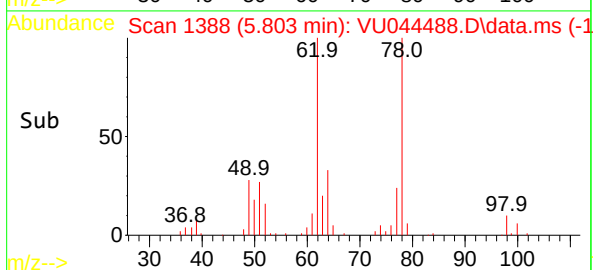
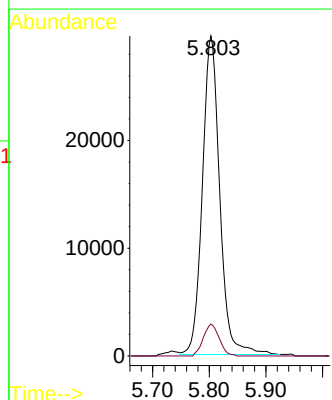
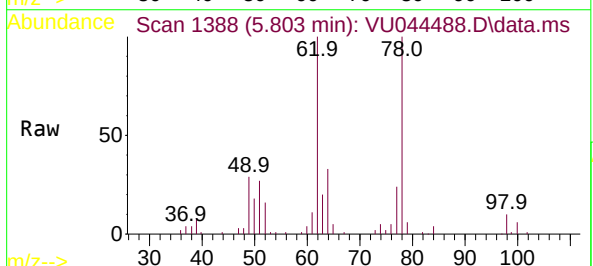
Tgt Ion: 83 Resp: 91380
Ion Ratio Lower Upper
83 100
85 64.2 45.3 84.1

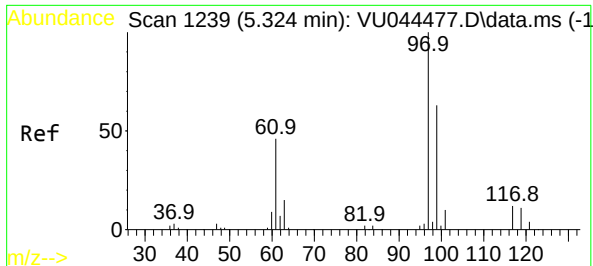


#27

1,2-Dichloroethane
Concen: 5.127 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 62 Resp: 62887
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0



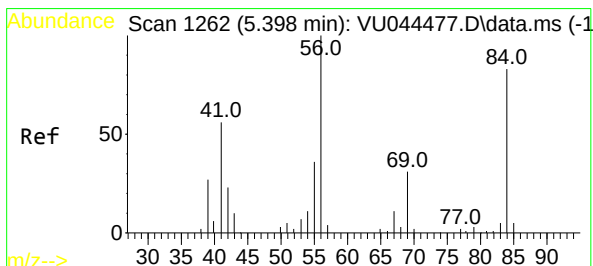
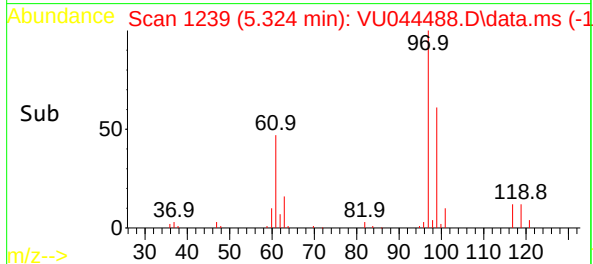
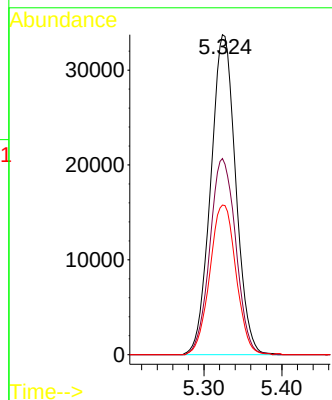
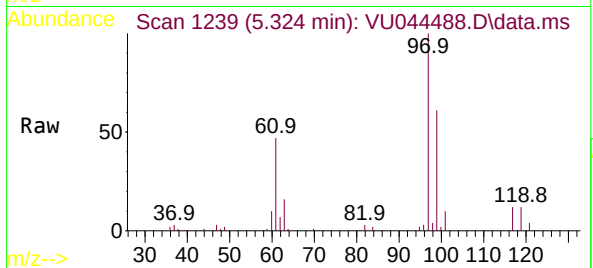


#29

1,1,1-Trichloroethane
Concen: 5.184 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

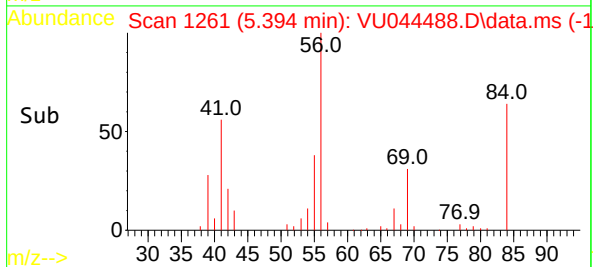
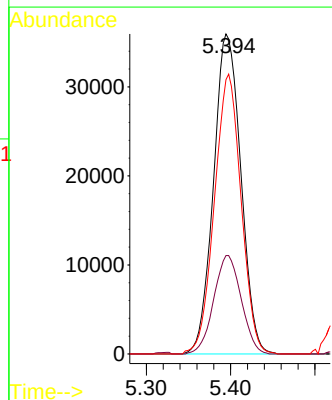
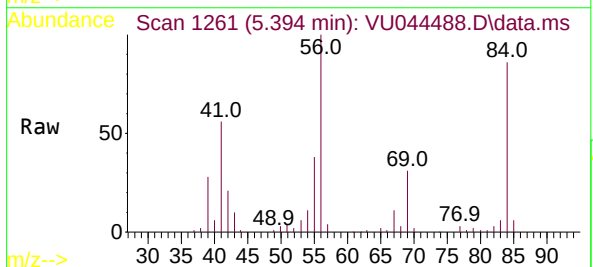
Tgt Ion:	97	Resp:	75321
Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.5	78.7
61	48.9	39.2	58.8

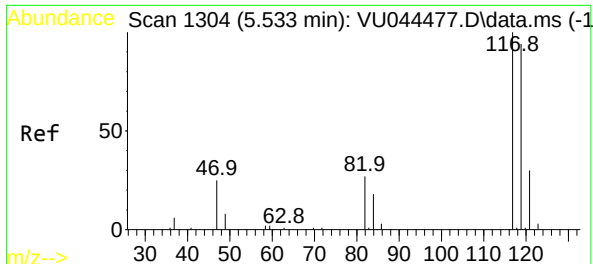


#30

Cyclohexane
Concen: 5.036 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:	56	Resp:	80884
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.3	36.5
84	85.4	68.4	102.6

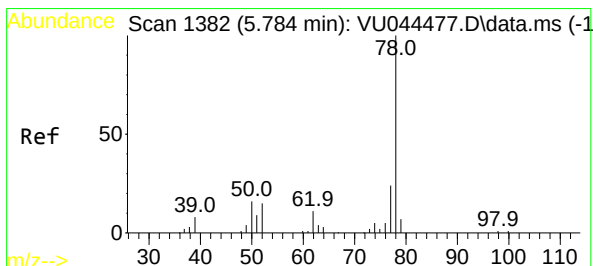
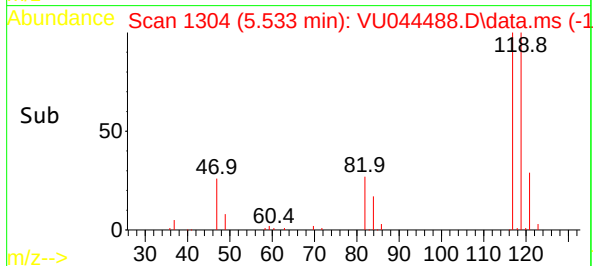
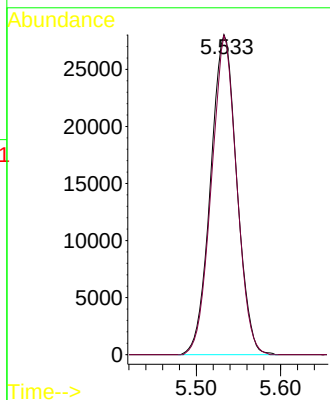
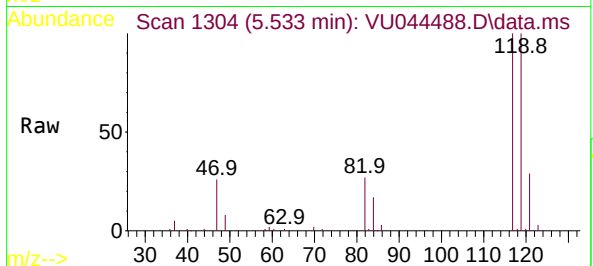




#31
Carbon tetrachloride
Concen: 5.065 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

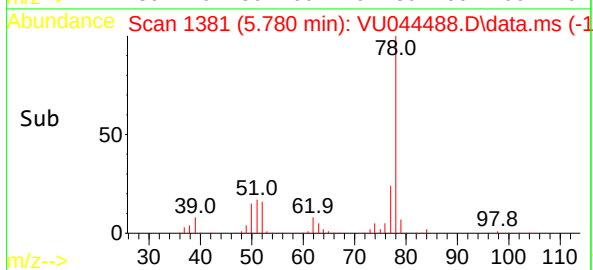
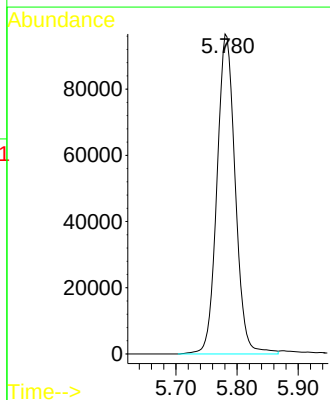
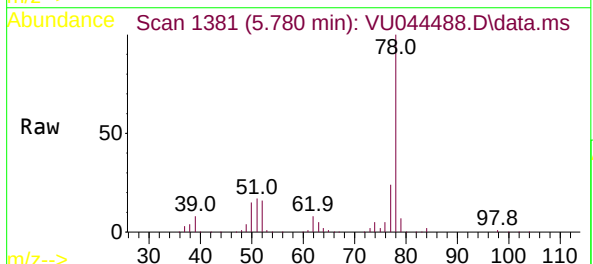
Instrument :
MSVOA_U
ClientSampled :

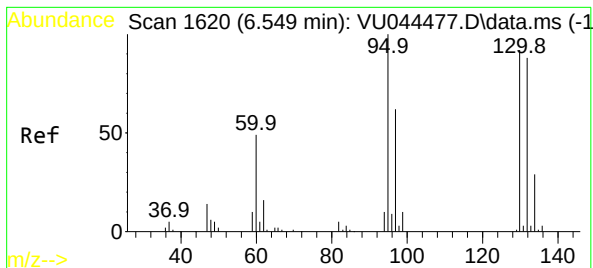
Tgt Ion:117 Resp: 60467
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 5.104 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 78 Resp: 200993



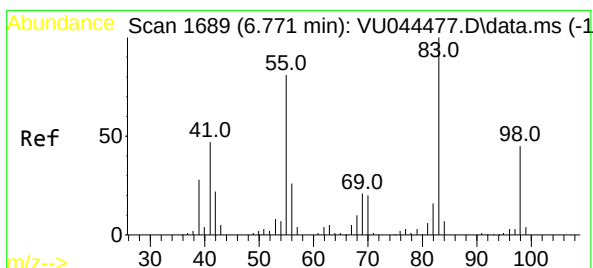
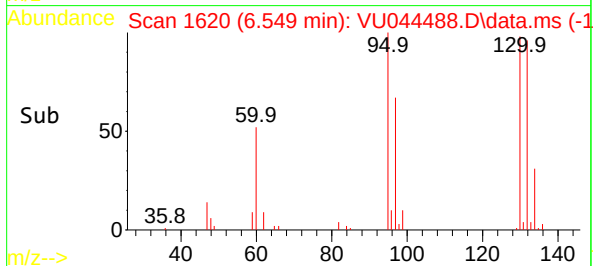
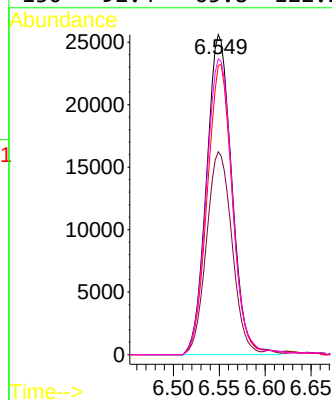
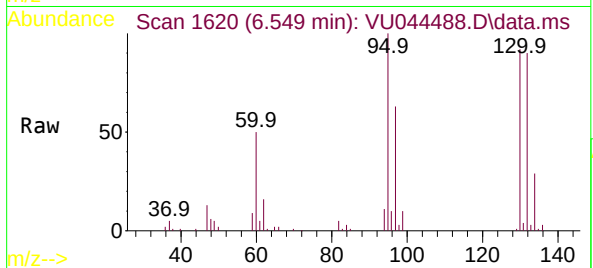


#34
Trichloroethene
Concen: 5.058 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 49251

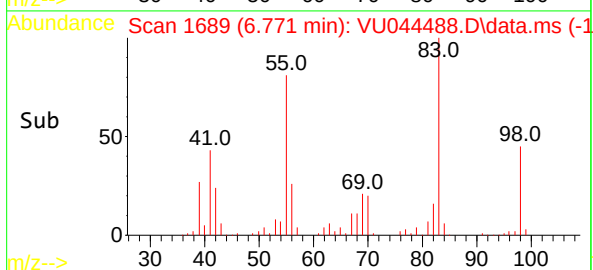
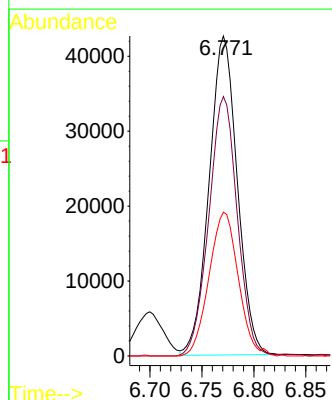
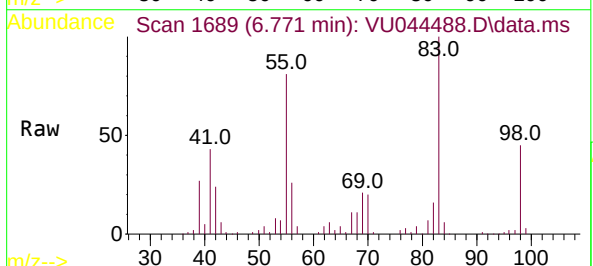
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.8
132	90.3	63.4	117.8
130	92.4	65.8	122.2

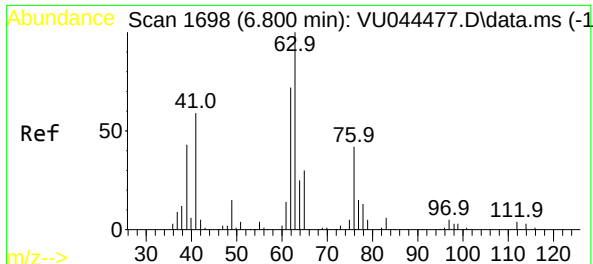


#35
Methylcyclohexane
Concen: 4.941 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 83 Resp: 80229

Ion	Ratio	Lower	Upper
83	100		
55	82.2	64.8	97.2
98	46.9	37.5	56.3



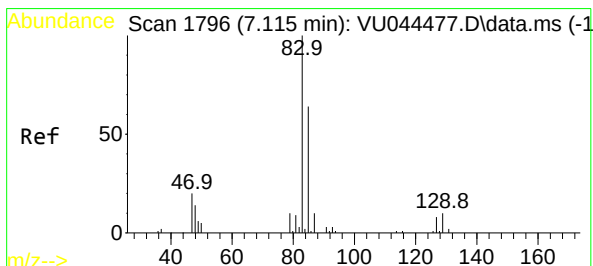
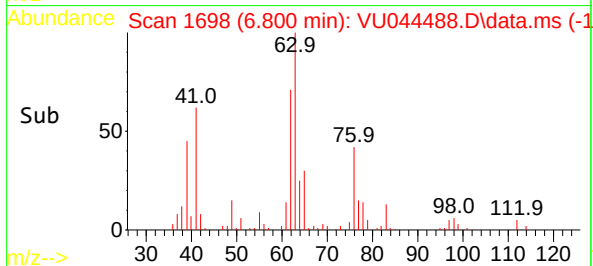
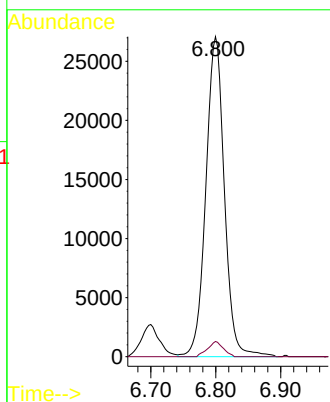
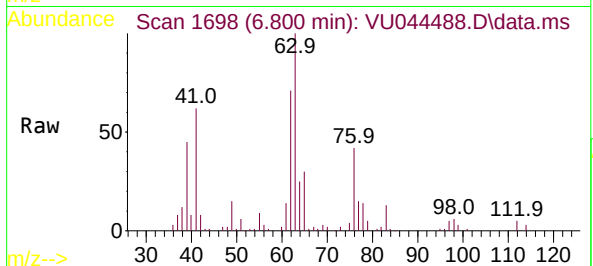


#37

1,2-Dichloropropane
Concen: 5.211 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

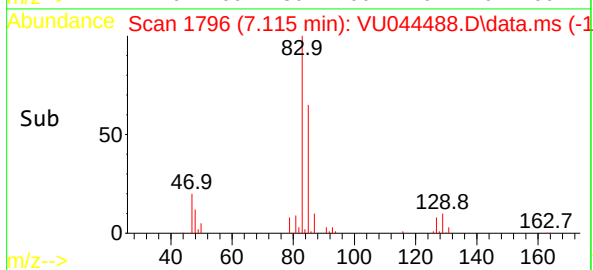
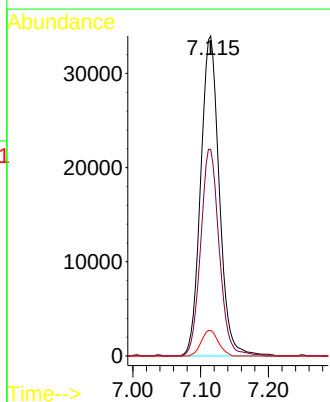
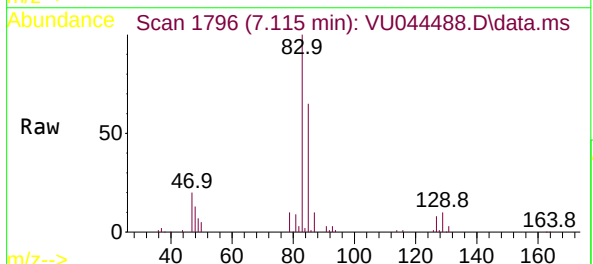
Tgt Ion: 63 Resp: 53737
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

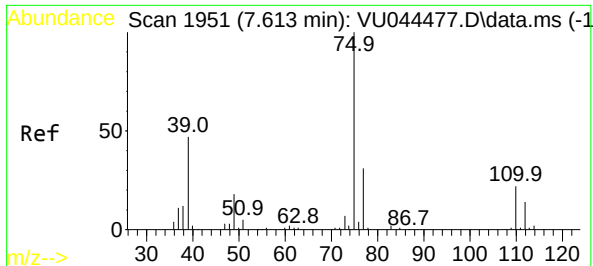


#38

Bromodichloromethane
Concen: 5.117 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 83 Resp: 64791
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
127 8.0 5.9 8.9

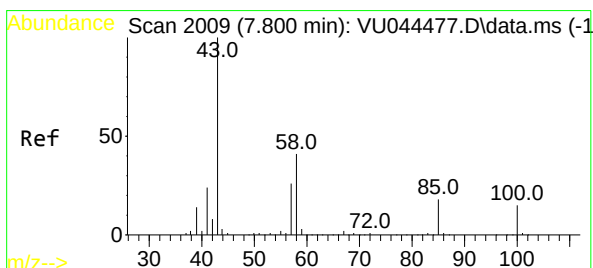
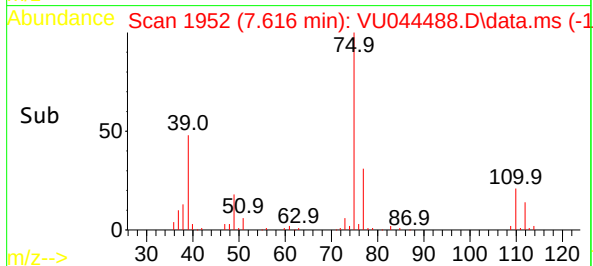
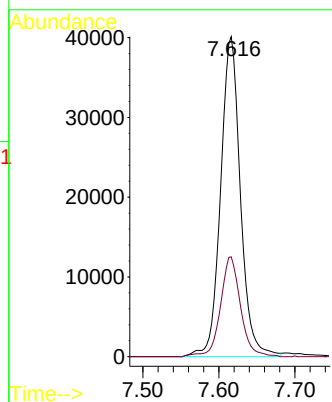
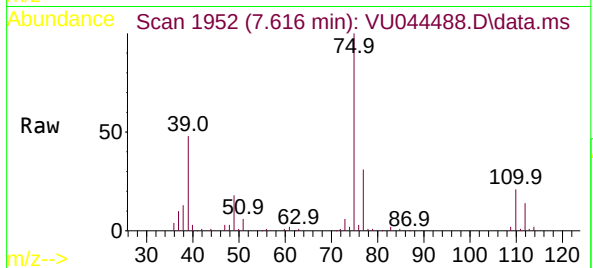




#39
cis-1,3-Dichloropropene
Concen: 5.024 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

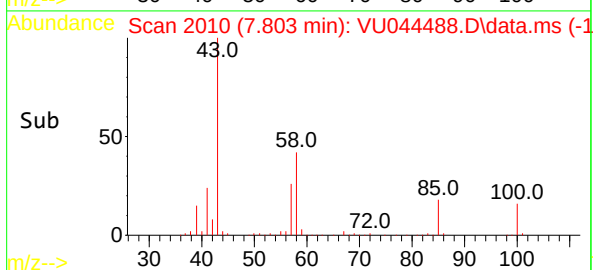
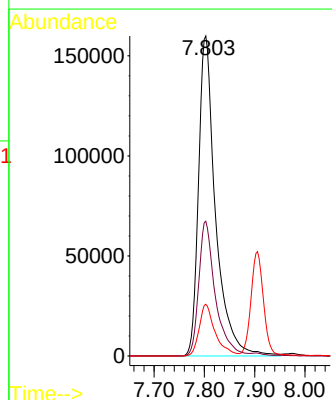
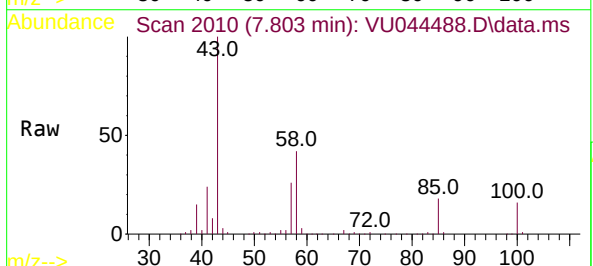
Instrument :
MSVOA_U
ClientSampled :

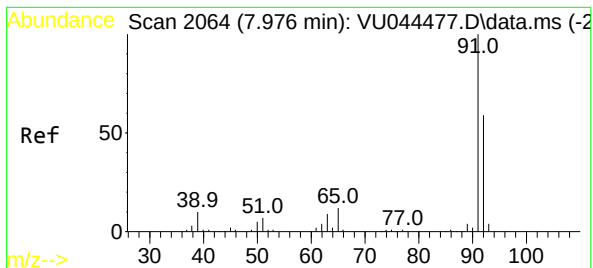
Tgt Ion: 75 Resp: 72654
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 53.745 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 43 Resp: 376314
Ion Ratio Lower Upper
43 100
58 40.8 32.5 48.7
100 15.2 12.3 18.5





#42

Toluene

Concen: 5.212 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044488.D

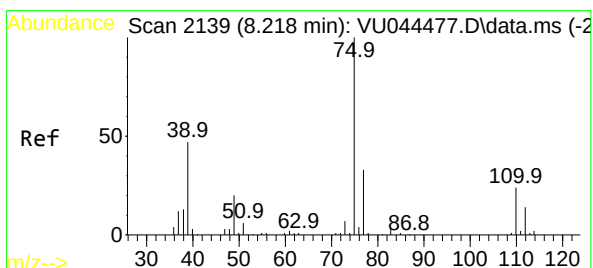
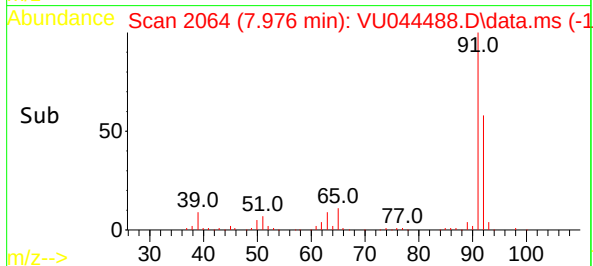
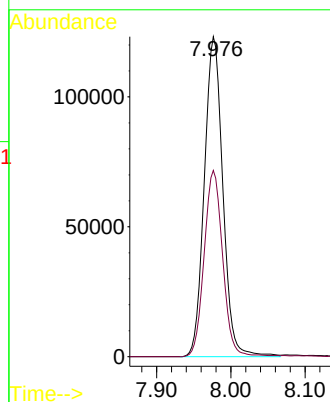
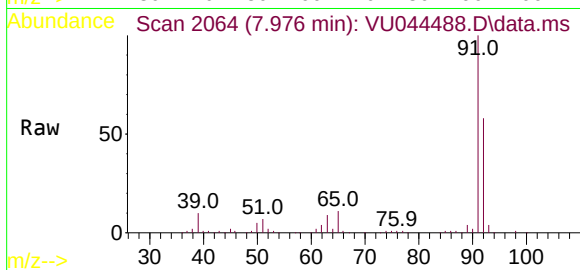
Acq: 20 Aug 2021 15:22

Tgt Ion: 91 Resp: 213828

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.054 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU044488.D

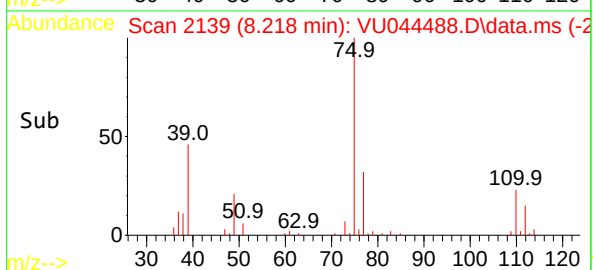
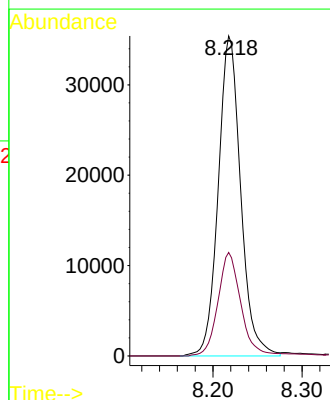
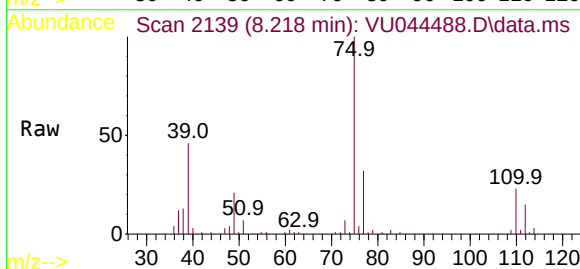
Acq: 20 Aug 2021 15:22

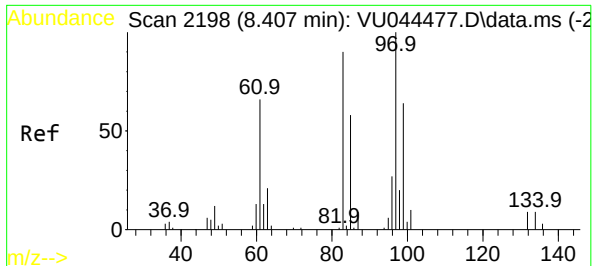
Tgt Ion: 75 Resp: 61947

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 5.300 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VU044488.D

Acq: 20 Aug 2021 15:22

Tgt Ion: 97 Resp: 38975

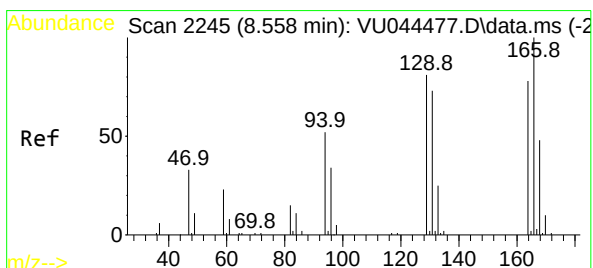
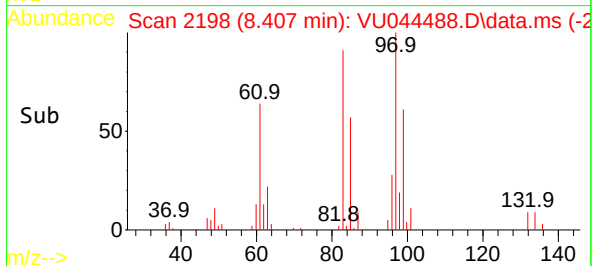
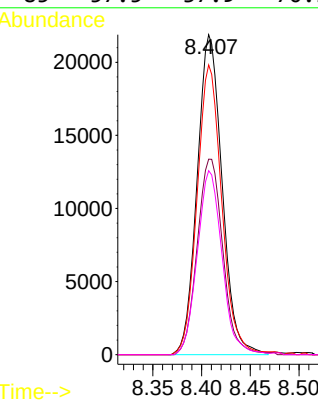
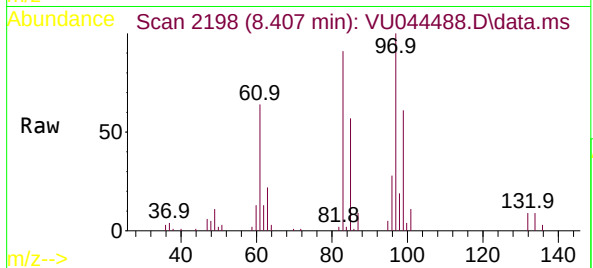
Ion Ratio Lower Upper

97 100

99 61.1 41.3 76.7

83 90.5 58.6 108.8

85 57.5 37.9 70.5



#47

Tetrachloroethene

Concen: 5.154 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044488.D

Acq: 20 Aug 2021 15:22

Tgt Ion: 164 Resp: 34697

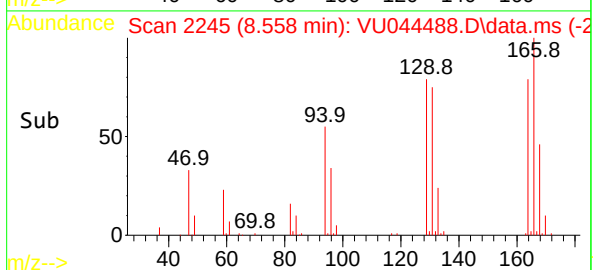
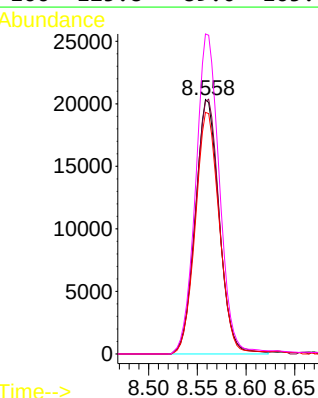
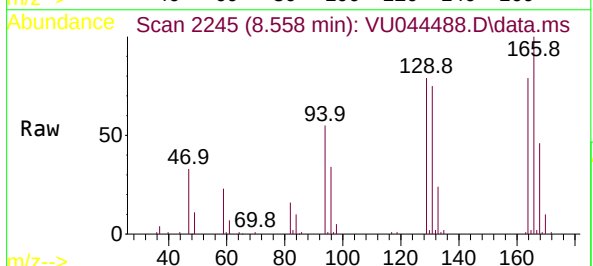
Ion Ratio Lower Upper

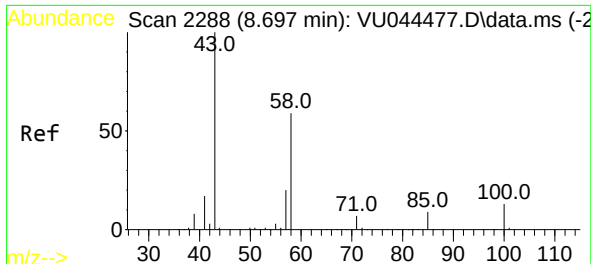
164 100

129 99.3 71.0 131.8

131 95.0 68.0 126.4

166 125.8 89.0 165.4



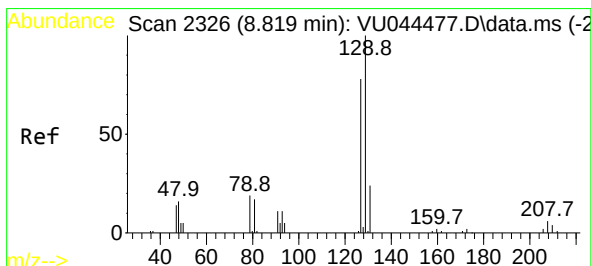
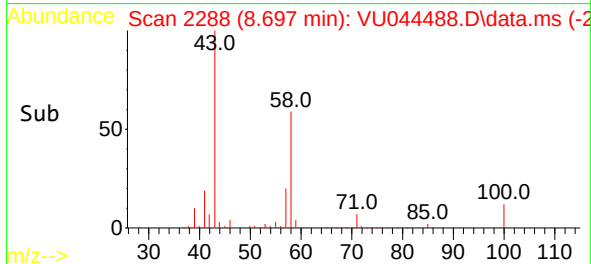
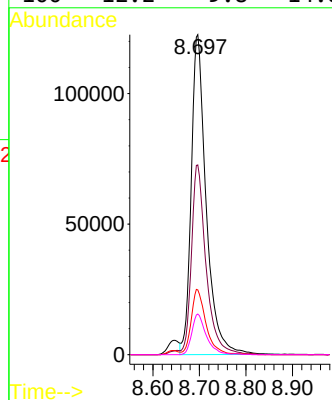
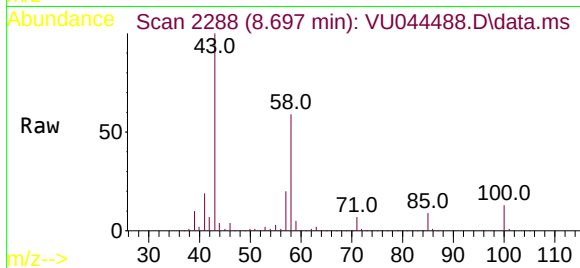


#48
2-Hexanone
Concen: 54.725 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 273414

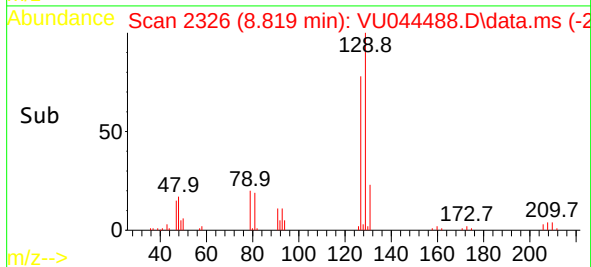
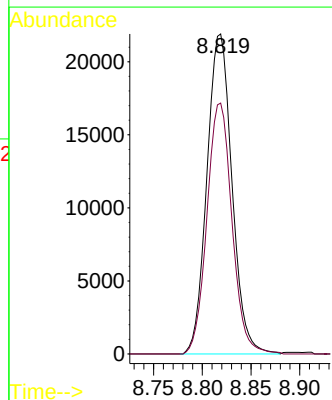
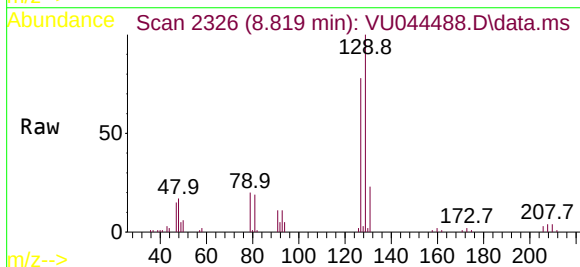
Ion	Ratio	Lower	Upper
43	100		
58	58.8	46.5	69.7
57	20.4	15.8	23.8
100	12.2	9.8	14.8

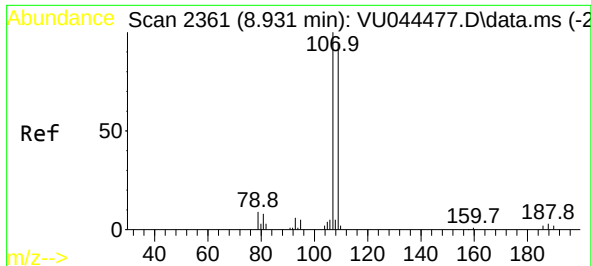


#49
Dibromochloromethane
Concen: 5.049 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 129 Resp: 39294

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.327 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044488.D

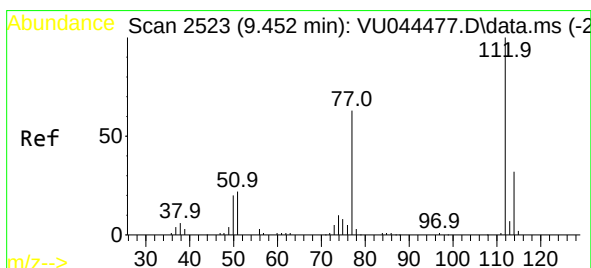
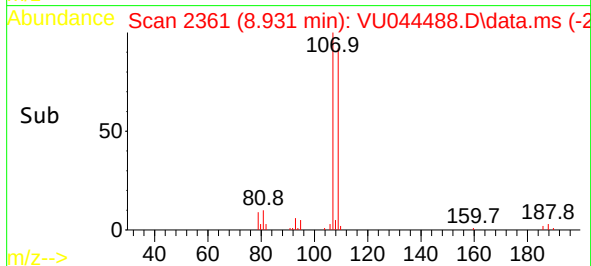
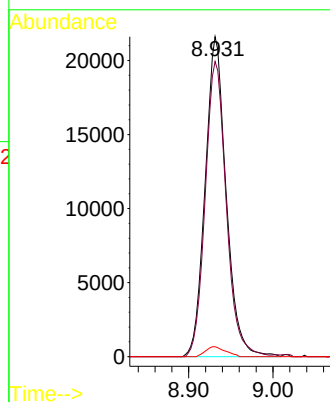
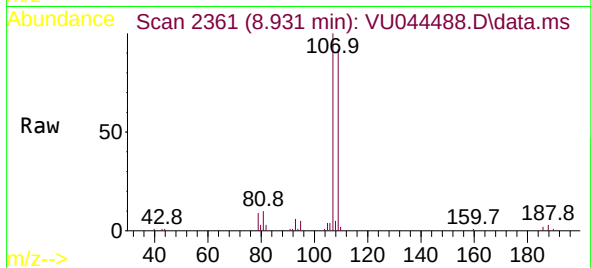
Acq: 20 Aug 2021 15:22

Instrument :

MSVOA_U

ClientSampled :

Tgt Ion:	107	Resp:	37467
Ion	Ratio	Lower	Upper
107	100		
109	92.3	65.2	121.0
188	3.1	2.4	3.6



#51

Chlorobenzene

Concen: 5.058 ug/L

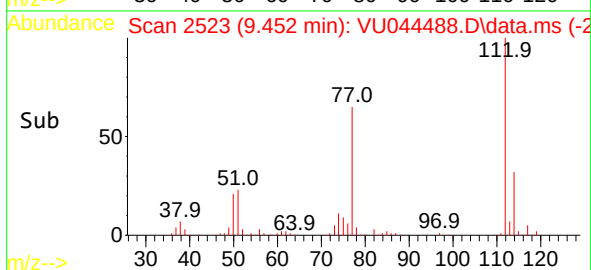
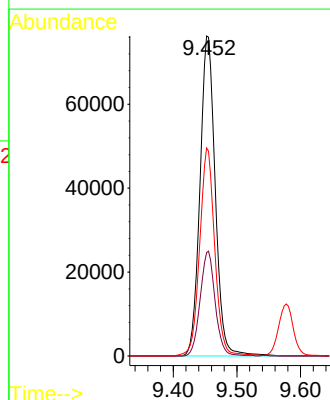
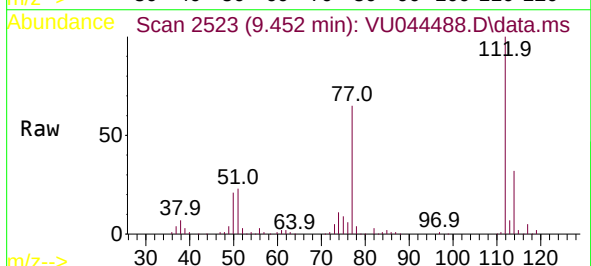
RT: 9.452 min Scan# 2523

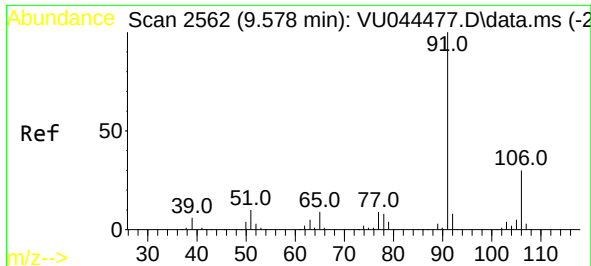
Delta R.T. 0.000 min

Lab File: VU044488.D

Acq: 20 Aug 2021 15:22

Tgt Ion:	112	Resp:	127331
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.1
77	65.0	51.3	76.9

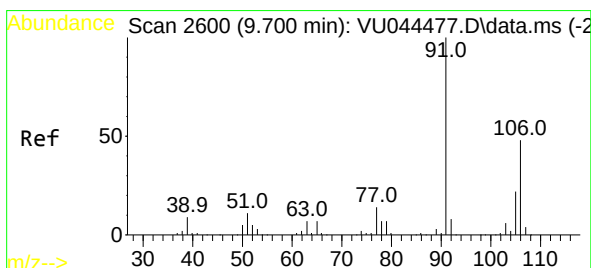
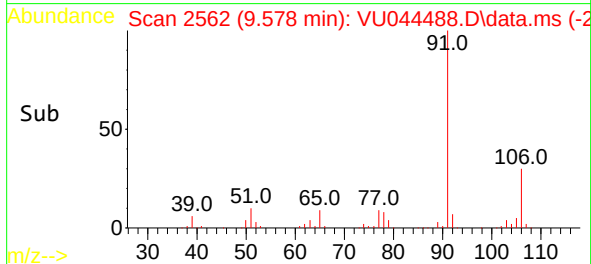
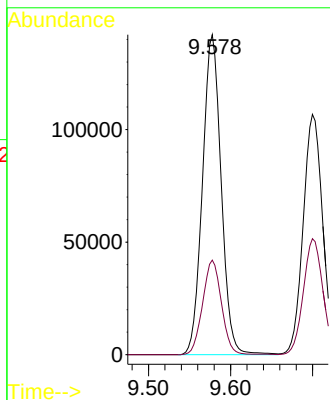
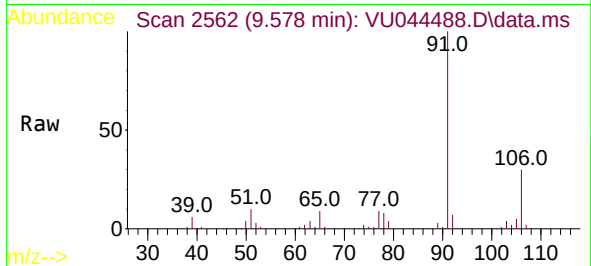




#52
Ethylbenzene
Concen: 5.190 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

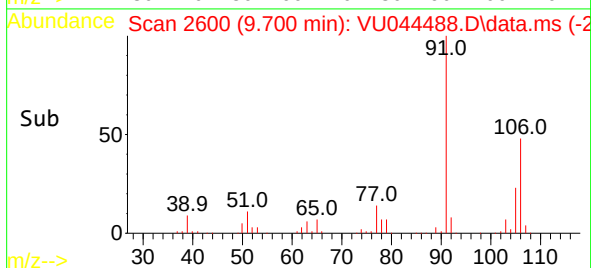
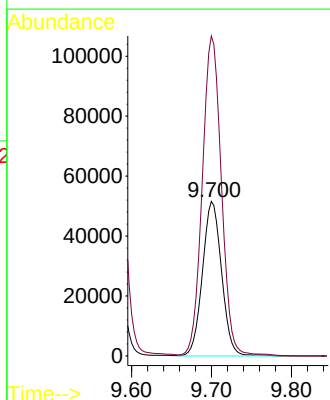
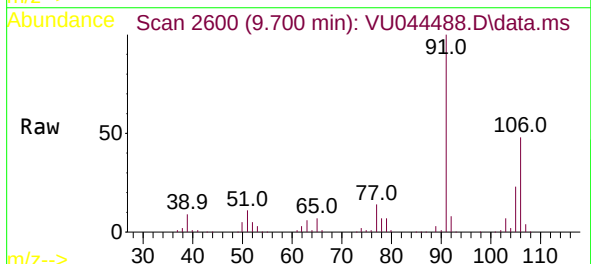
Instrument :
MSVOA_U
ClientSampled :

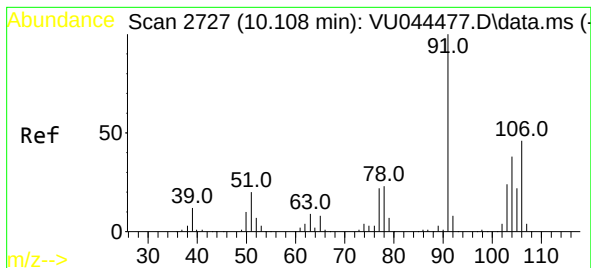
Tgt Ion: 91 Resp: 224922
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6



#53
m,p-Xylene
Concen: 5.272 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 106 Resp: 85891
Ion Ratio Lower Upper
106 100
91 207.1 146.2 271.6

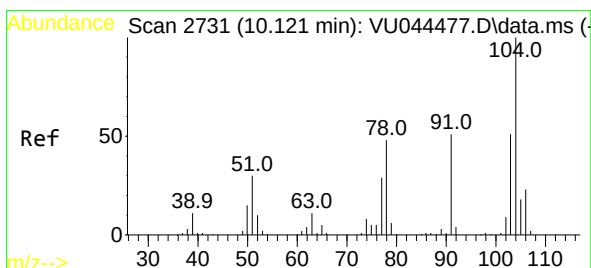
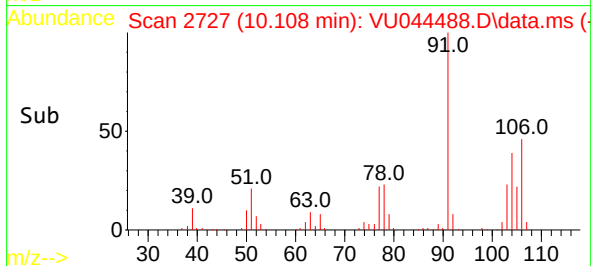
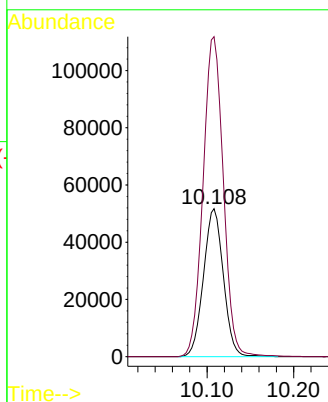
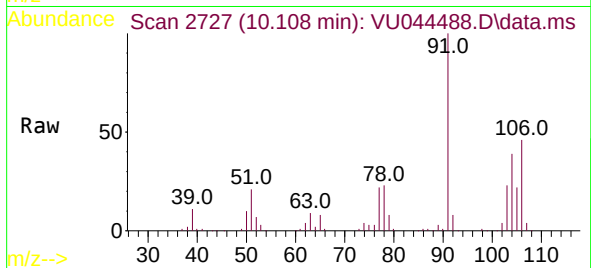




#54
o-Xylene
Concen: 5.198 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

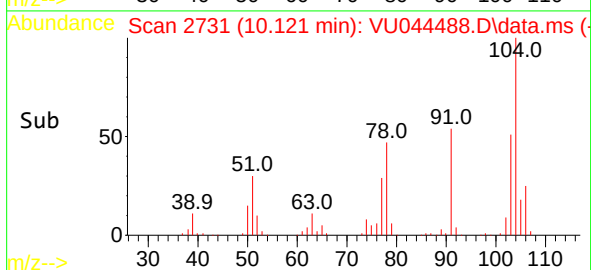
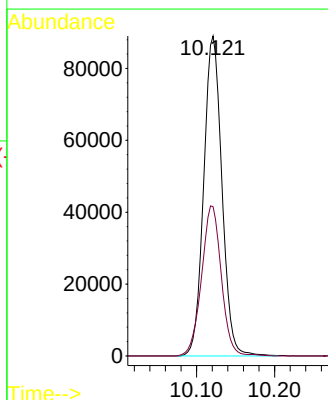
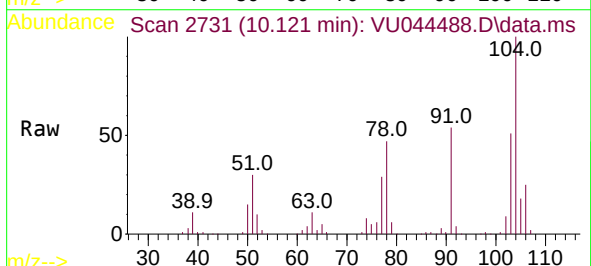
Instrument :
MSVOA_U
ClientSampled :

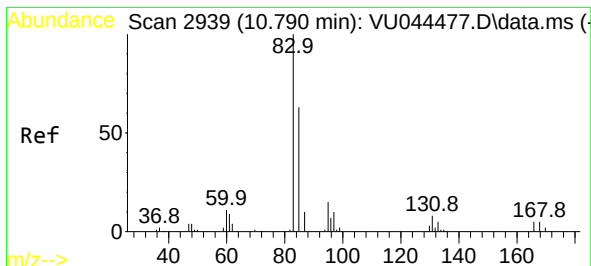
Tgt Ion:106 Resp: 82485
Ion Ratio Lower Upper
106 100
91 216.3 154.4 286.8



#55
Styrene
Concen: 5.558 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:104 Resp: 144625
Ion Ratio Lower Upper
104 100
78 46.7 32.6 60.5

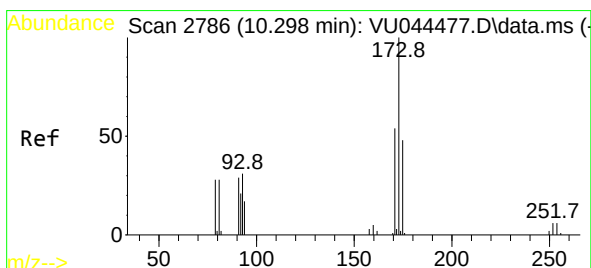
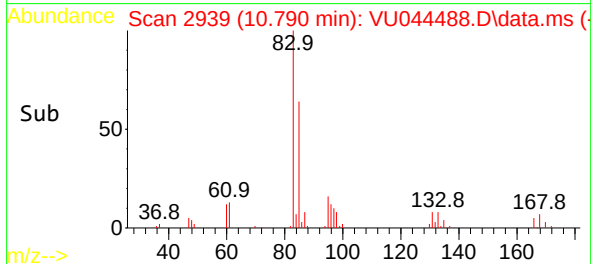
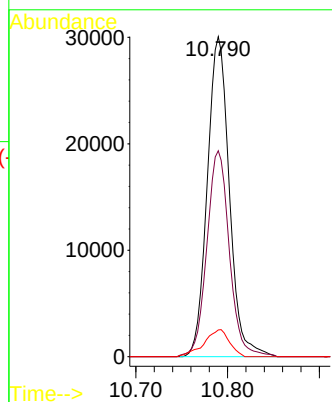
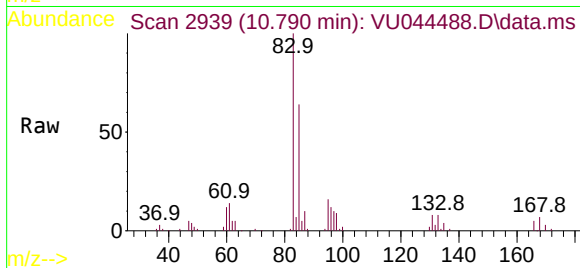




#57
1,1,2,2-Tetrachloroethane
Concen: 5.187 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

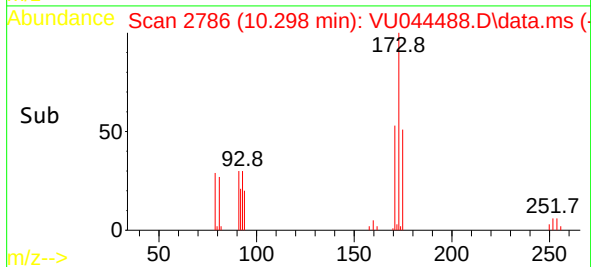
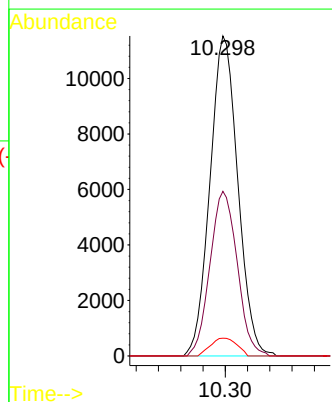
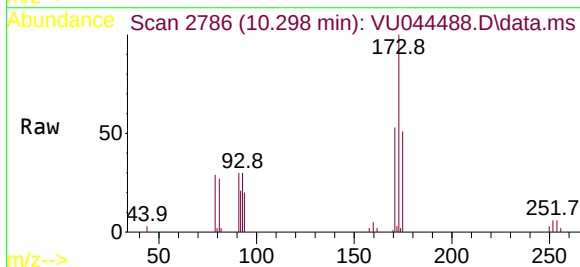
Instrument :
MSVOA_U
ClientSampled :

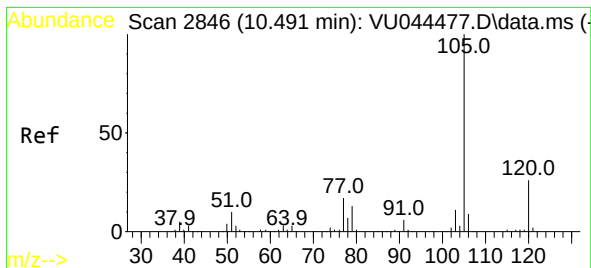
Tgt Ion:	83	Resp:	50219
Ion Ratio	Lower	Upper	
83	100		
85	64.3	44.2	82.2
131	8.3	6.9	10.3



#59
Bromoform
Concen: 4.778 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:	173	Resp:	20017
Ion Ratio	Lower	Upper	
173	100		
175	50.3	38.0	57.0
254	5.3	4.3	6.5

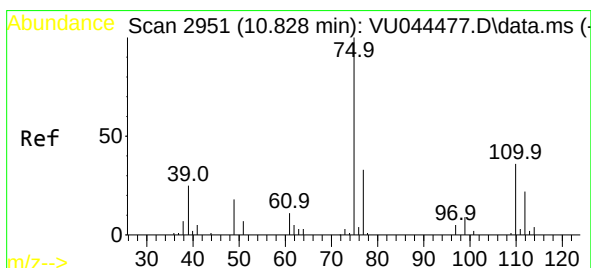
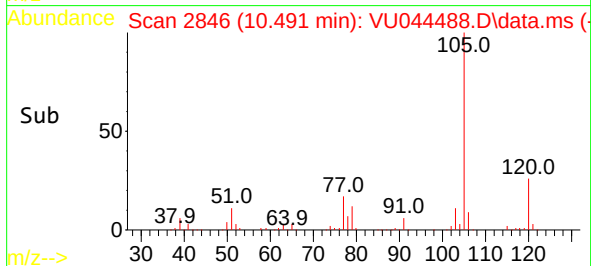
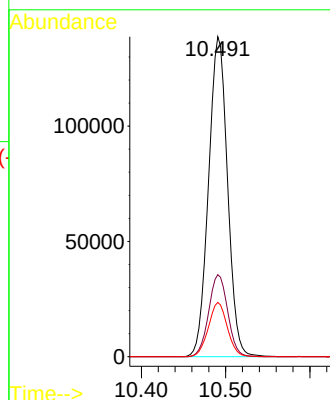
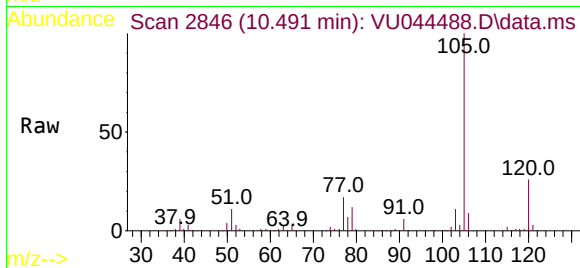




#60
Isopropylbenzene
Concen: 5.027 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

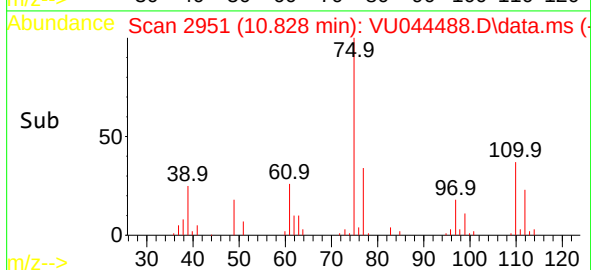
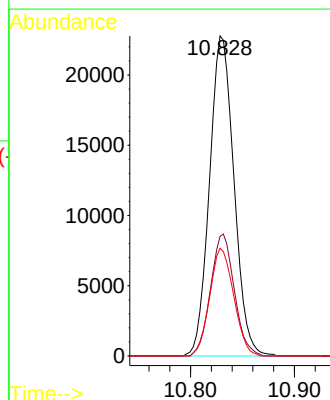
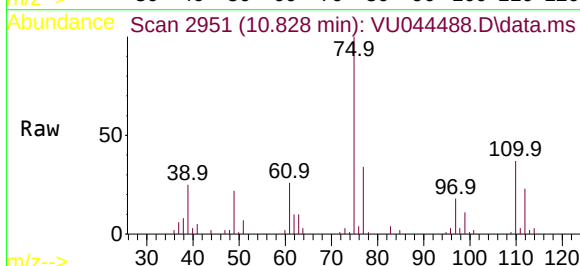
Instrument :
MSVOA_U
ClientSampled :

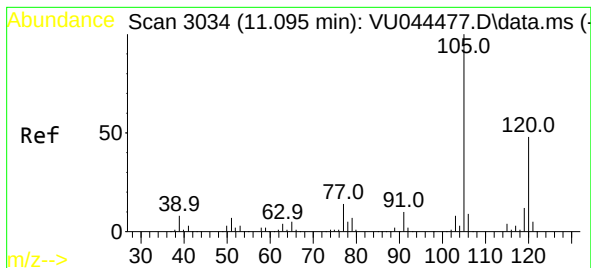
Tgt Ion:105 Resp: 217559
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.024 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 75 Resp: 37230
Ion Ratio Lower Upper
75 100
110 36.9 28.4 42.6
77 33.0 26.5 39.7

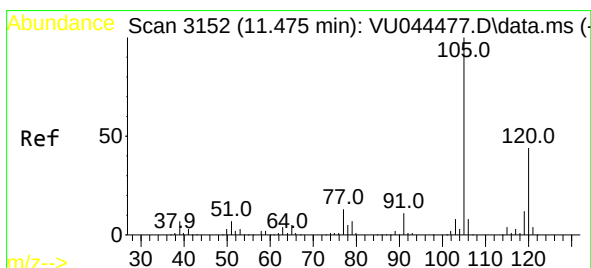
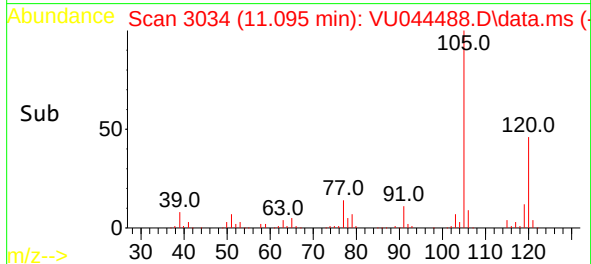
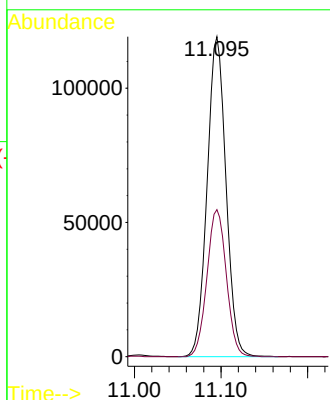
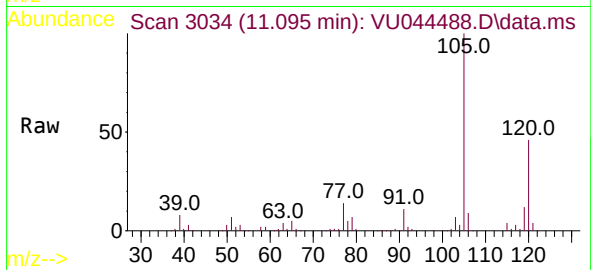




#62
1,3,5-Trimethylbenzene
Concen: 5.094 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

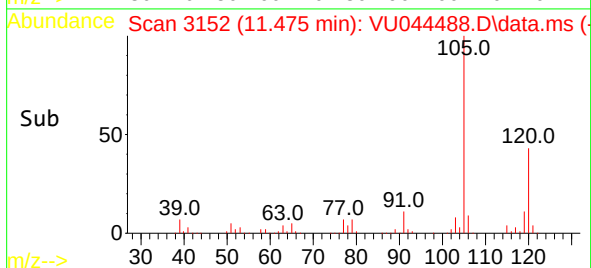
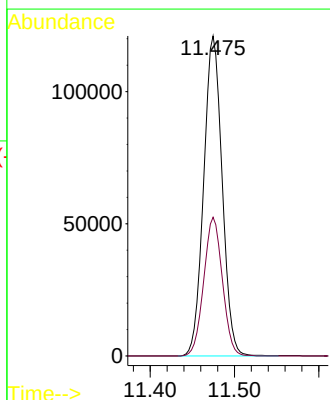
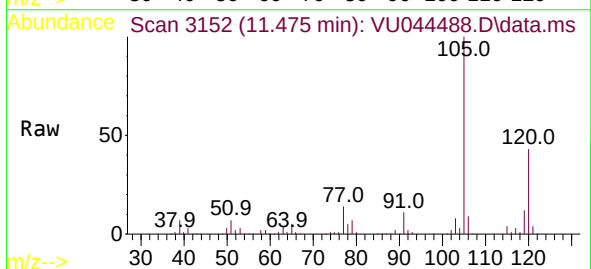
Tgt Ion:105 Resp: 180275
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.6

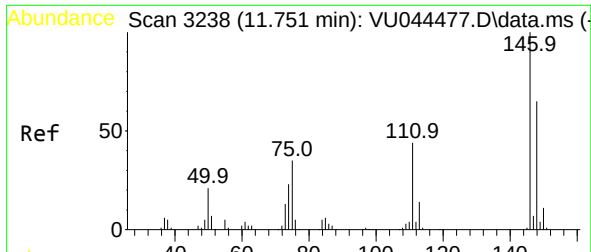
Instrument :
MSVOA_U
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 5.098 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:105 Resp: 184986
Ion Ratio Lower Upper
105 100
120 43.7 35.2 52.8

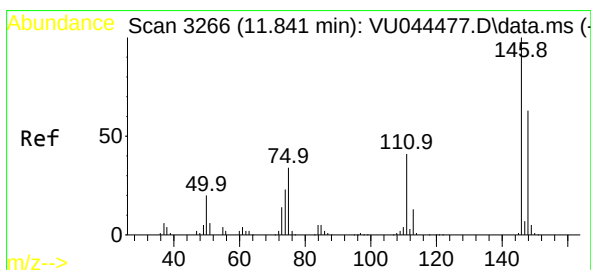
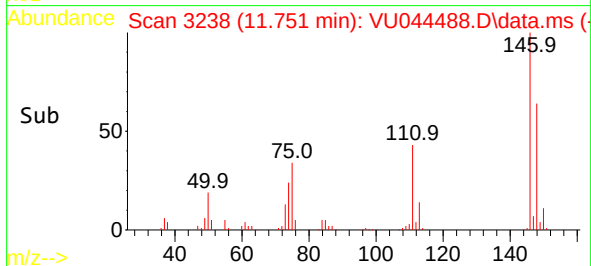
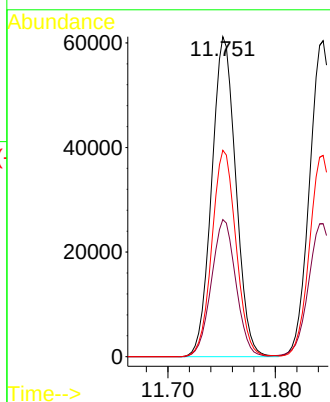
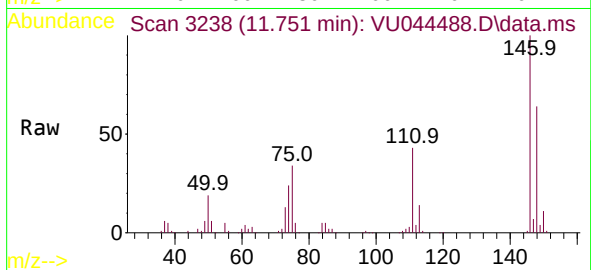




#64
1,3-Dichlorobenzene
Concen: 5.019 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

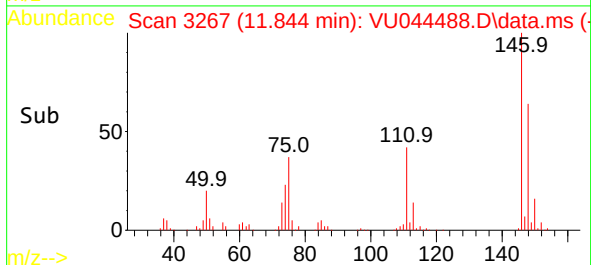
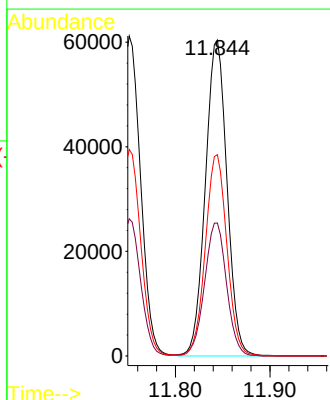
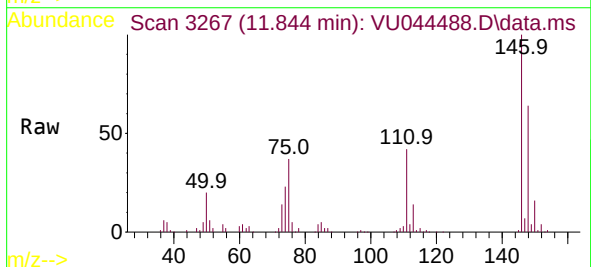
Instrument :
MSVOA_U
ClientSampled :

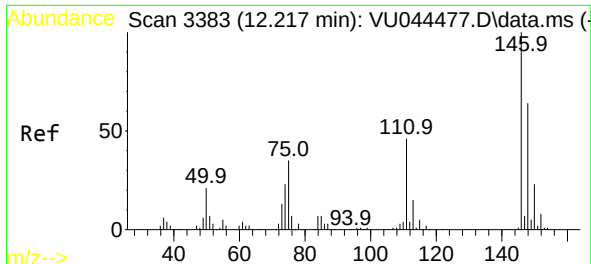
Tgt Ion:146 Resp: 95378
Ion Ratio Lower Upper
146 100
111 42.8 29.6 55.0
148 64.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:146 Resp: 96061
Ion Ratio Lower Upper
146 100
111 42.1 28.8 53.4
148 63.7 43.6 81.0

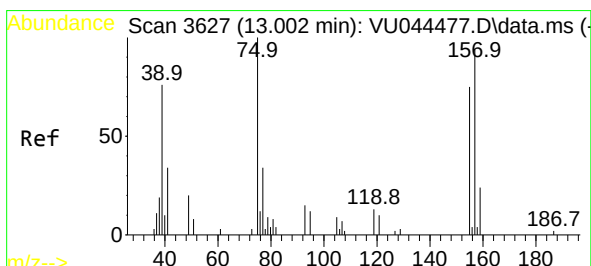
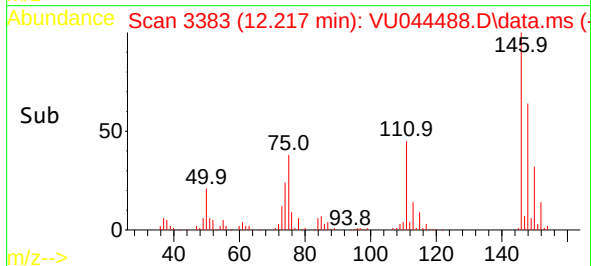
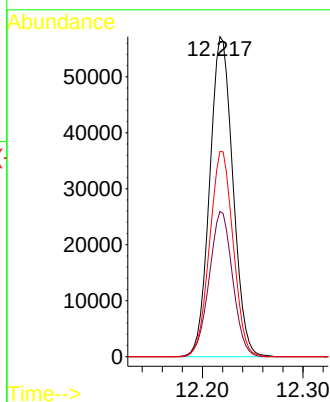
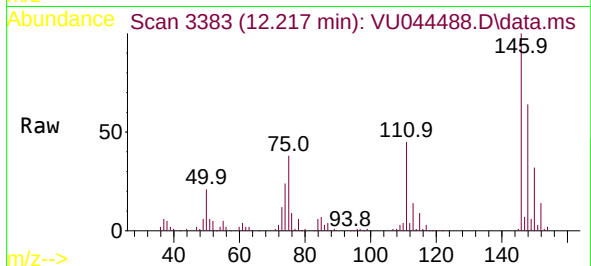




#67
1,2-Dichlorobenzene
Concen: 5.064 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

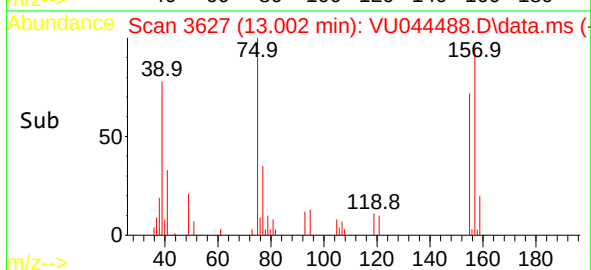
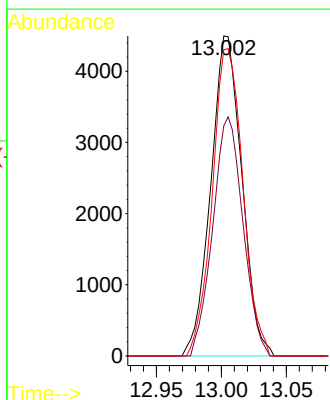
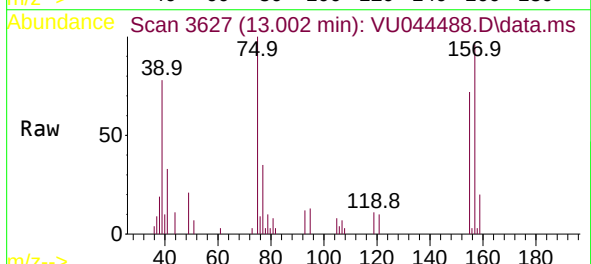
Instrument :
MSVOA_U
ClientSampled :

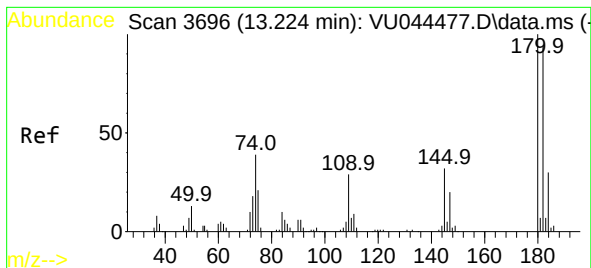
Tgt Ion:146 Resp: 91723
Ion Ratio Lower Upper
146 100
111 45.4 34.9 52.3
148 64.1 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.930 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion: 75 Resp: 7473
Ion Ratio Lower Upper
75 100
155 72.0 61.2 91.8
157 95.6 74.2 111.2

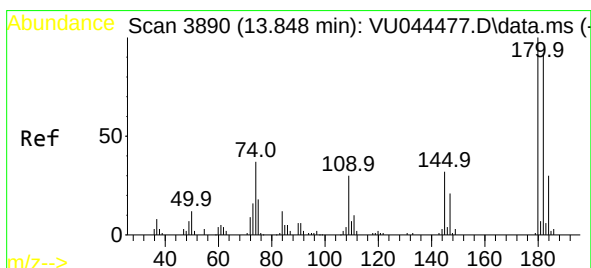
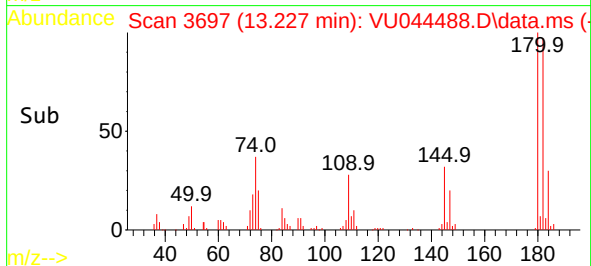
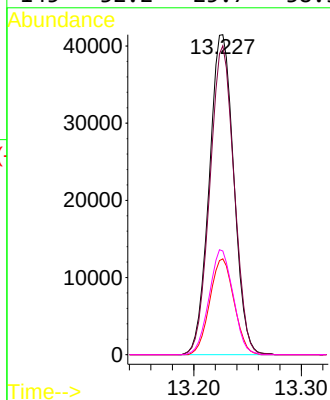
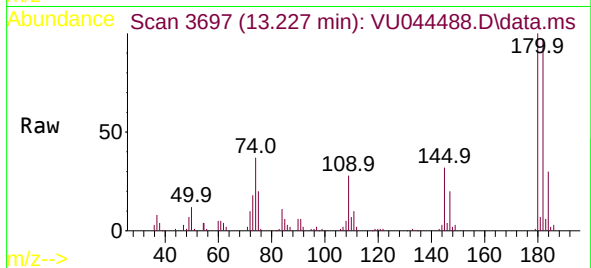




#69
1,3,5-Trichlorobenzene
Concen: 4.906 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

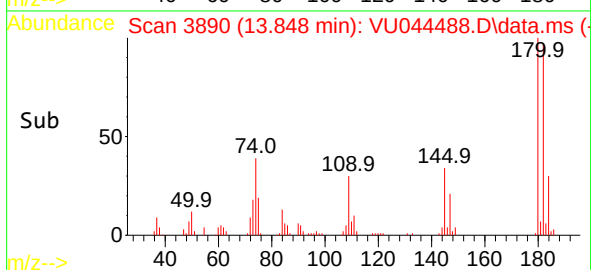
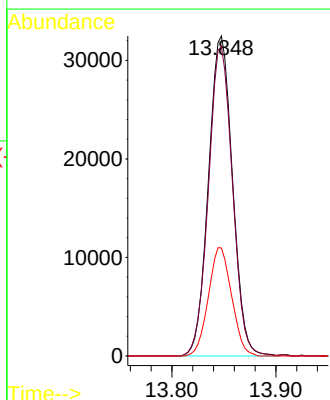
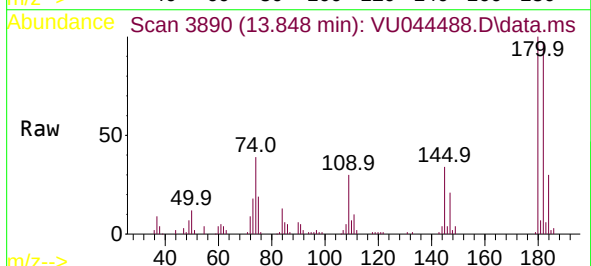
Instrument :
MSVOA_U
ClientSampled :

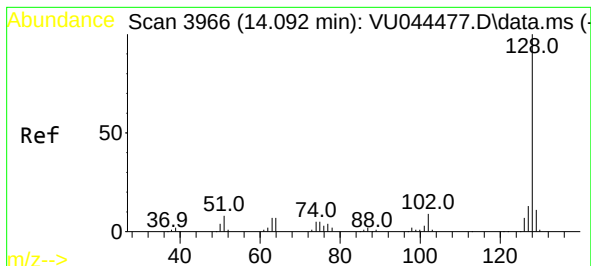
Tgt Ion:180 Resp: 65644
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.6
184 29.6 24.3 36.5
145 32.2 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 4.972 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:180 Resp: 52142
Ion Ratio Lower Upper
180 100
182 96.5 76.0 114.0
145 32.7 26.3 39.5

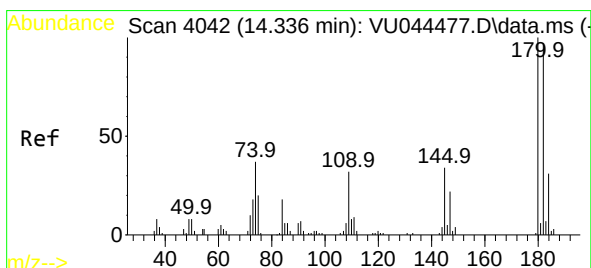
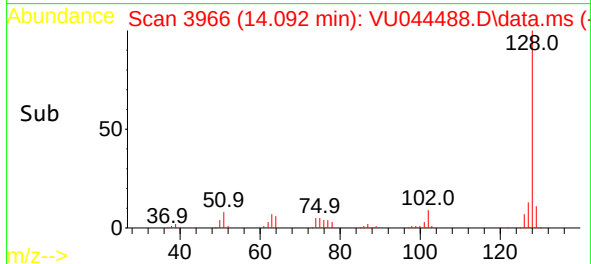
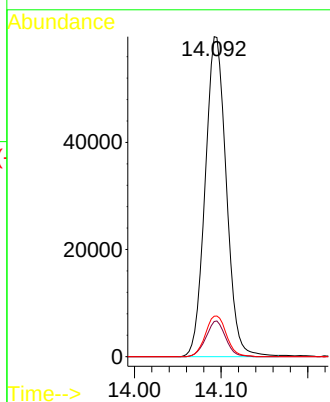
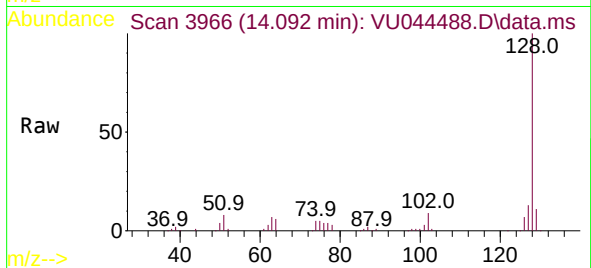




#71
Naphthalene
Concen: 5.064 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 101240
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.118 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044488.D
Acq: 20 Aug 2021 15:22

Tgt Ion:180 Resp: 49143
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 34.7 27.1 40.7

