

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046302.D
 Acq On : 13 Dec 2021 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 10:14:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	154011	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	87980	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	76473	63.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 126.30%			
7) Chloroethane-d5	1.919	69	55171	59.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.68%			
11) 1,1-Dichloroethene-d2	2.575	63	126077	58.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.00%			
21) 2-Butanone-d5	4.652	46	101840	105.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.79%			
24) Chloroform-d	5.070	84	116701	57.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.42%			
26) 1,2-Dichloroethane-d4	5.707	65	79383	58.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.98%			
32) Benzene-d6	5.732	84	243950	55.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.52%			
36) 1,2-Dichloropropane-d6	6.697	67	73915	54.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.06%			
41) Toluene-d8	7.903	98	224493	55.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.72%			
43) trans-1,3-Dichloroprop...	8.182	79	35351	53.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.06%			
47) 2-Hexanone-d5	8.639	63	70645	108.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.91%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	117638	56.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.40%			
66) 1,2-Dichlorobenzene-d4	12.195	152	86001	50.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.52%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	70214	43.90	ug/L	99
3) Chloromethane	1.523	50	60260	42.12	ug/L	99
5) Vinyl chloride	1.607	62	66607	46.18	ug/L	99
6) Bromomethane	1.864	94	39482	48.29	ug/L	99
8) Chloroethane	1.941	64	41388	49.56	ug/L	98
9) Trichlorofluoromethane	2.147	101	99426	52.80	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57977	54.20	ug/L	100
12) 1,1-Dichloroethene	2.588	96	51460	50.63	ug/L	98
13) Acetone	2.668	43	111690	92.84	ug/L	95
14) Carbon disulfide	2.800	76	125358	39.75	ug/L	99
15) Methyl Acetate	2.967	43	70132	50.00	ug/L	99
16) Methylene chloride	3.054	84	62243	51.47	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	53049	49.32	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	172150	51.93	ug/L	98
19) 1,1-Dichloroethane	3.877	63	107871	55.15	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	62380	53.45	ug/L	97
22) 2-Butanone	4.726	43	129860	99.15	ug/L	100
23) Bromochloromethane	4.980	128	32183	54.59	ug/L	98
25) Chloroform	5.096	83	125529	57.77	ug/L	98

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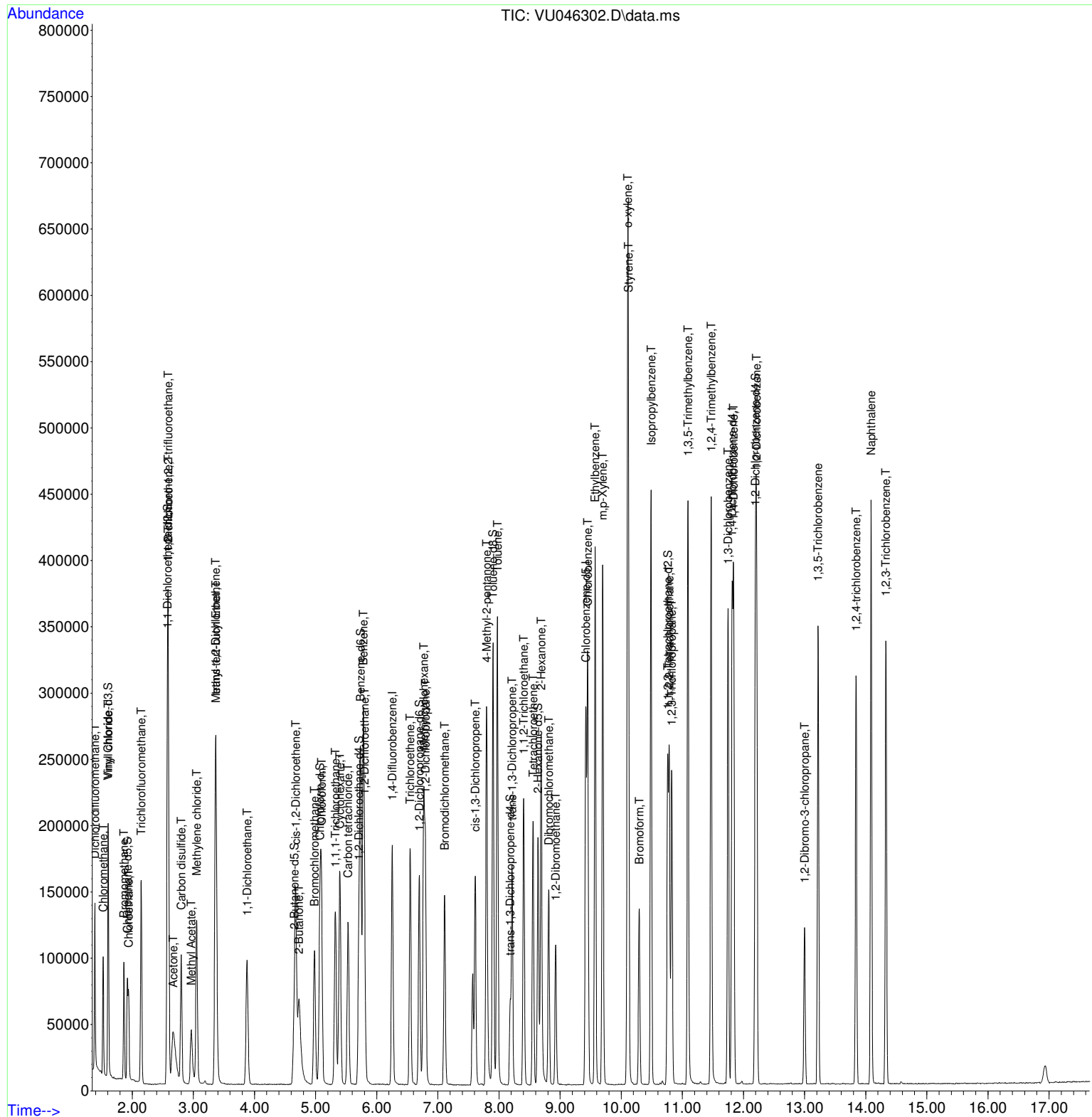
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

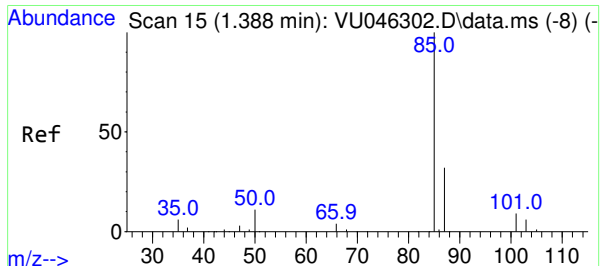
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	91906	56.99	ug/L	97
29) Cyclohexane	5.398	56	78190	43.60	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	93902	49.67	ug/L	96
31) Carbon tetrachloride	5.530	117	85758	53.43	ug/L	99
33) Benzene	5.780	78	239504	51.38	ug/L	100
34) Trichloroethene	6.546	95	61182	49.82	ug/L	98
35) Methylcyclohexane	6.768	83	84261	44.25	ug/L	98
37) 1,2-Dichloropropane	6.797	63	64417	52.75	ug/L	100
38) Bromodichloromethane	7.112	83	94293	58.10	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	93470	50.32	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	191941	106.99	ug/L	100
42) Toluene	7.973	91	259404	51.86	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	94187	51.62	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	67257	54.90	ug/L	97
46) Tetrachloroethene	8.559	164	44643	49.47	ug/L	99
48) 2-Hexanone	8.690	43	166247	103.62	ug/L	99
49) Dibromochloromethane	8.813	129	74501	57.91	ug/L	97
50) 1,2-Dibromoethane	8.928	107	67853	51.09	ug/L	100
51) Chlorobenzene	9.449	112	164202	50.74	ug/L	98
52) Ethylbenzene	9.575	91	279442	51.91	ug/L	99
53) m,p-Xylene	9.697	106	110177	52.48	ug/L	100
54) o-xylene	10.105	106	106214	52.14	ug/L	99
55) Styrene	10.118	104	199452	57.35	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	120884	57.56	ug/L	99
59) Bromoform	10.295	173	57283	55.50	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	99766	51.73	ug/L	98
61) Isopropylbenzene	10.488	105	286845	50.11	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	245223	51.40	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	252620	52.92	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	139810	51.42	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	142609	50.75	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	141842	51.80	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	30814	59.98	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	101918	51.44	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	89044	50.65	ug/L	100
71) Naphthalene	14.089	128	334425	54.66	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	96273	53.70	ug/L	99

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

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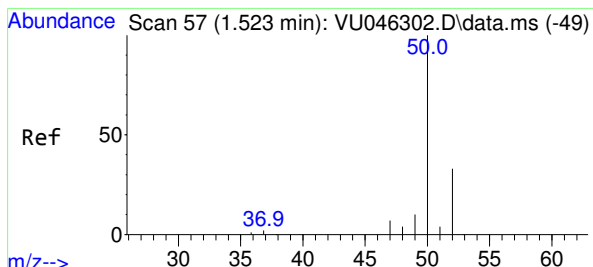
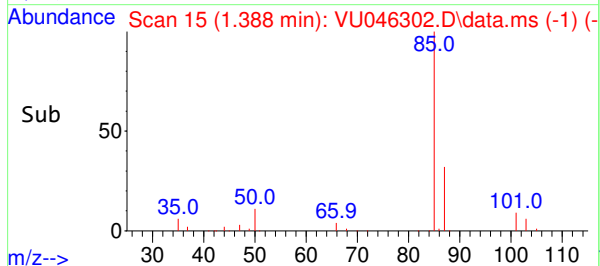
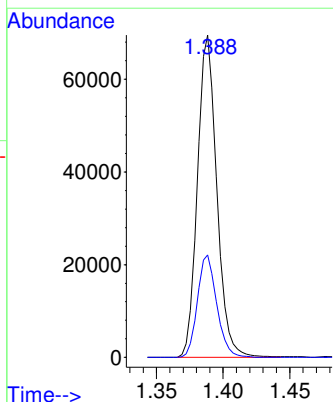
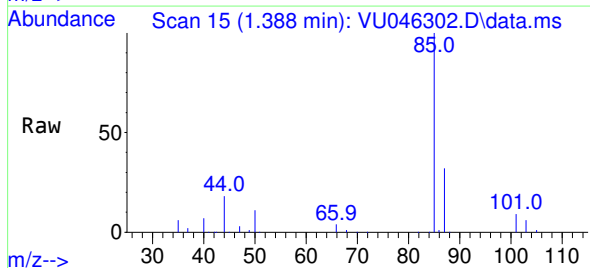




#2
Dichlorodifluoromethane
Concen: 43.90 ug/L
RT: 1.388 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

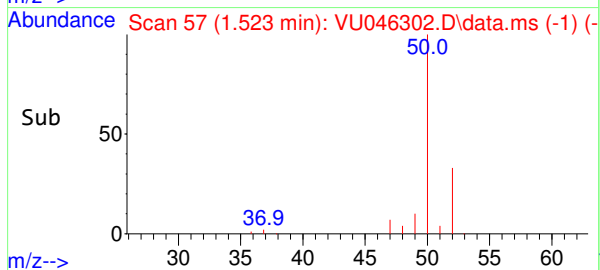
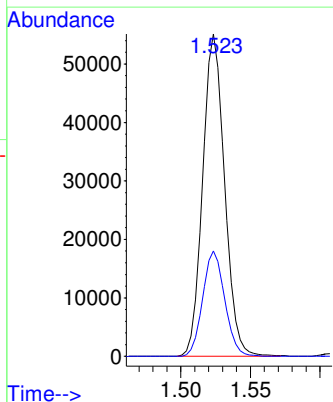
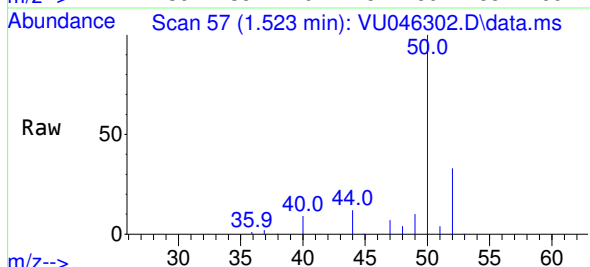
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MSVOA_U
ClientSampleId :

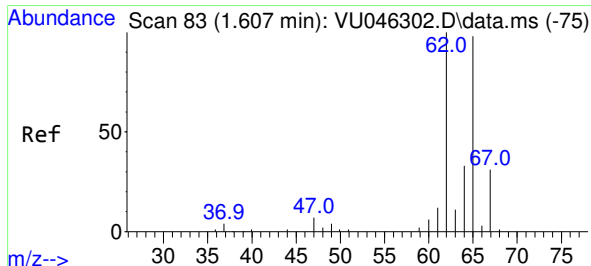
Tgt Ion: 85 Resp: 70214
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 42.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 50 Resp: 60260
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

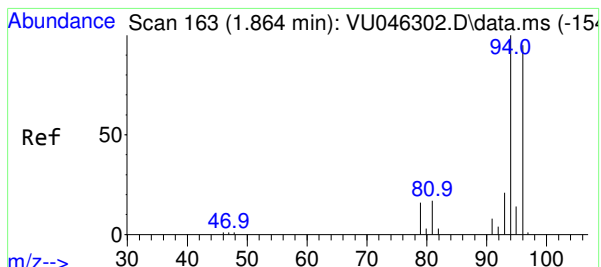
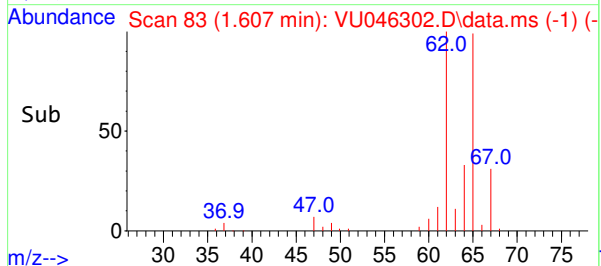
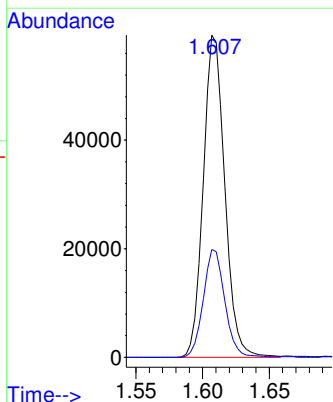
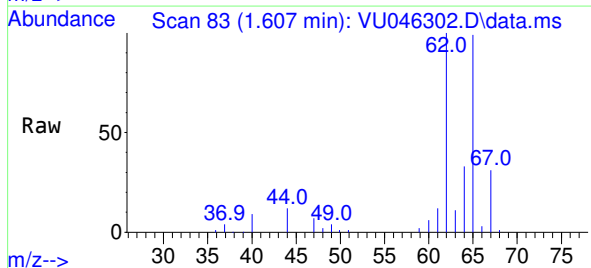




#5
 Vinyl chloride
 Concen: 46.18 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046302.D
 Acq: 13 Dec 2021 09:55

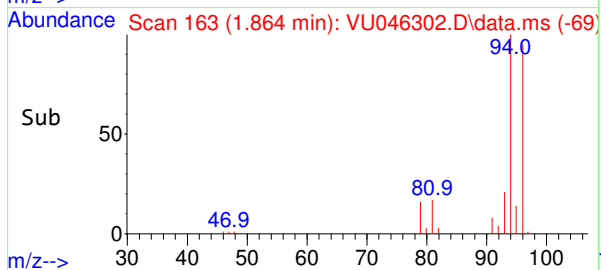
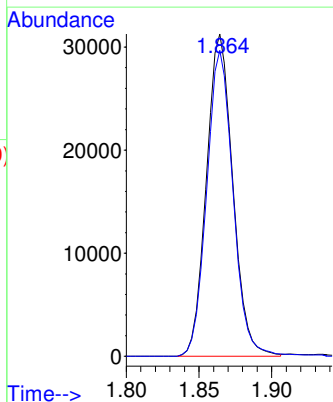
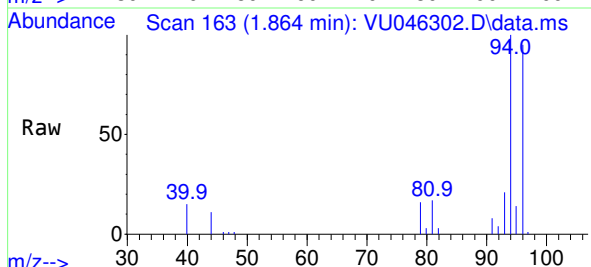
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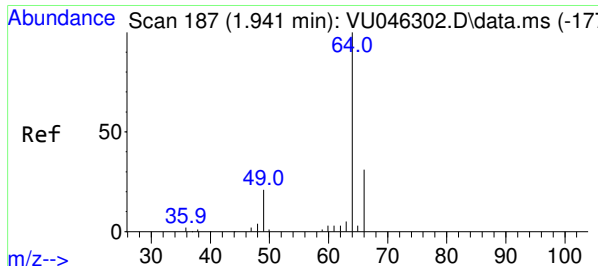
Tgt Ion: 62 Resp: 66607
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 48.29 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046302.D
 Acq: 13 Dec 2021 09:55

Tgt Ion: 94 Resp: 39482
 Ion Ratio Lower Upper
 94 100
 96 94.9 67.4 125.2

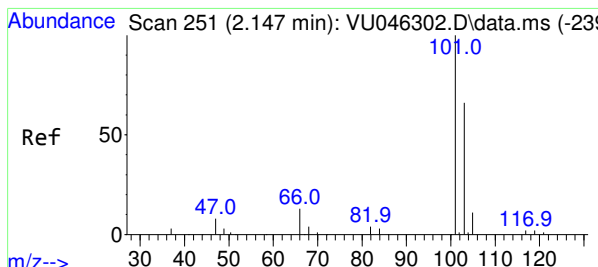
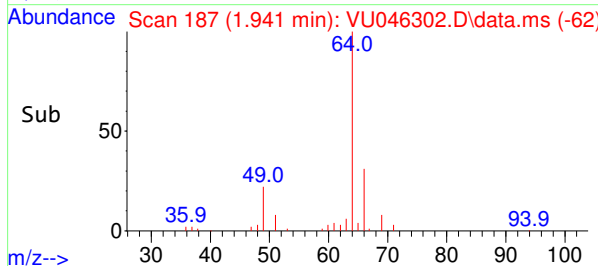
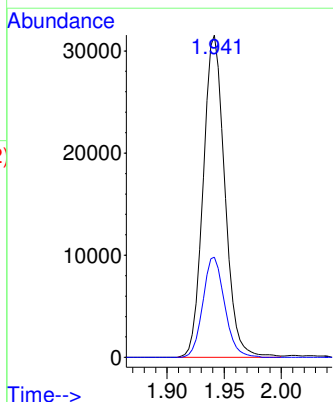
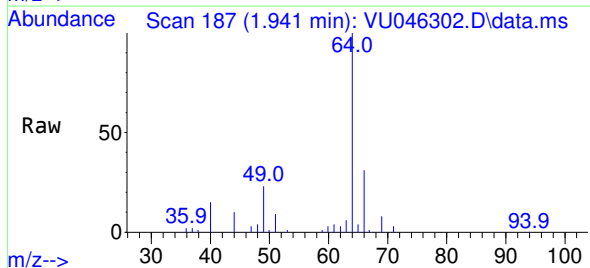




#8
Chloroethane
Concen: 49.56 ug/L
RT: 1.941 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

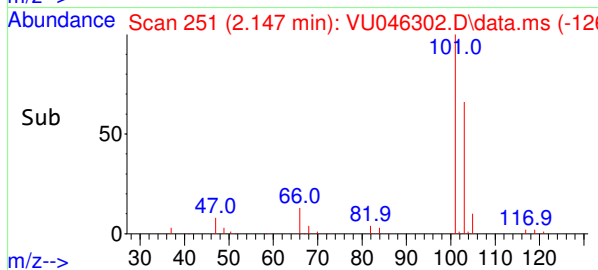
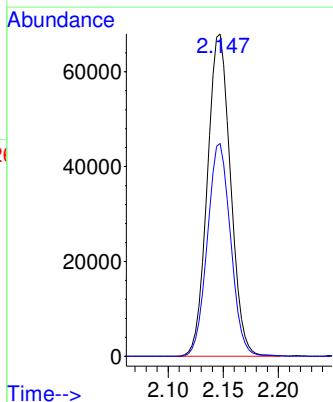
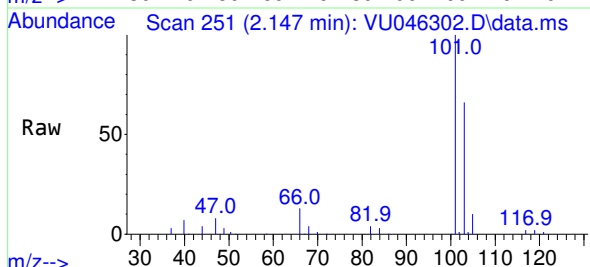
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ClientSampleId :

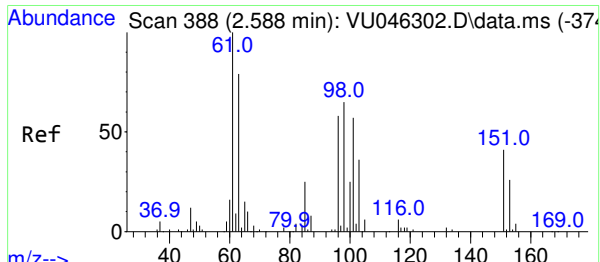
Tgt Ion: 64 Resp: 41388
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 52.80 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:101 Resp: 99426
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.6

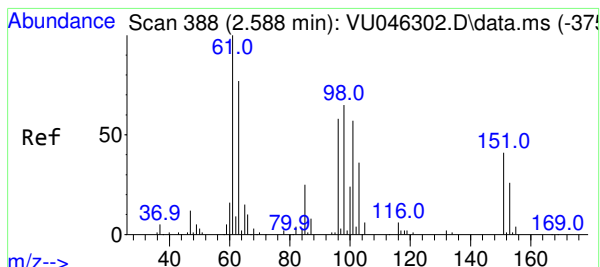
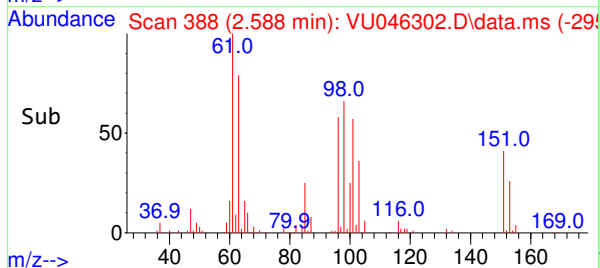
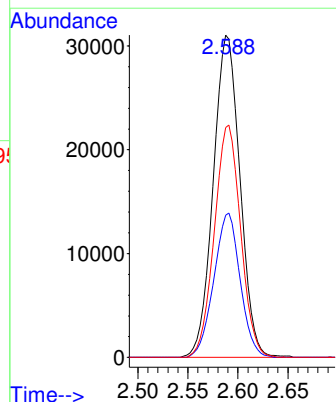
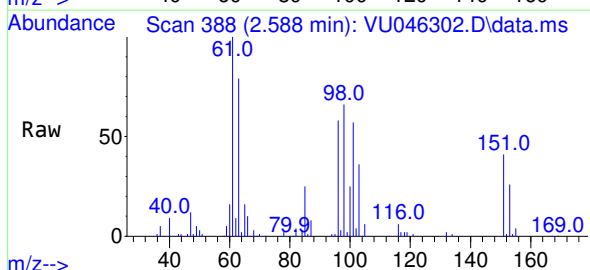




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.20 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046302.D
 Acq: 13 Dec 2021 09:55

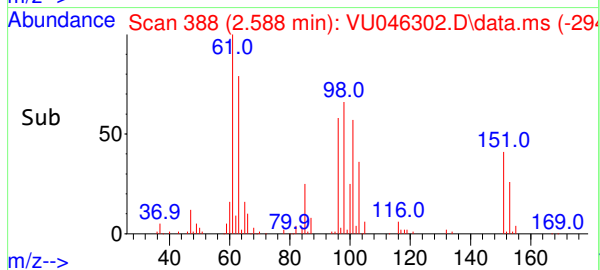
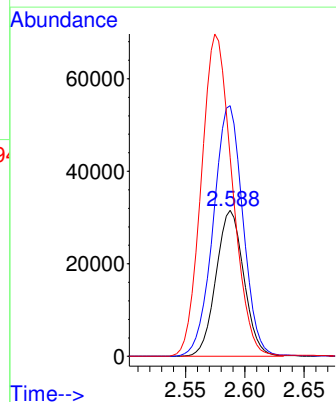
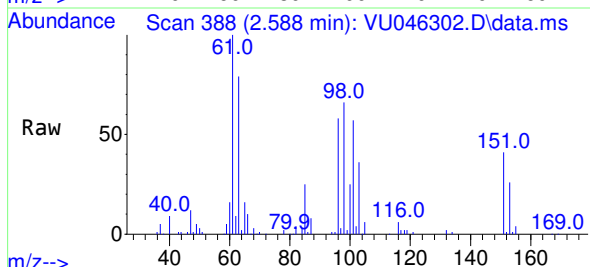
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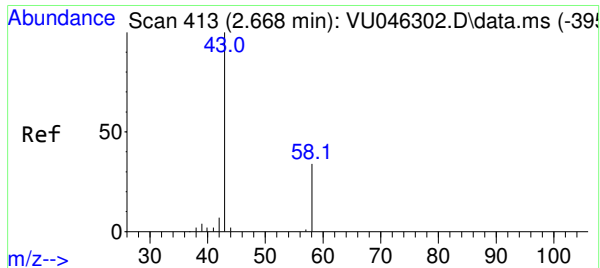
Tgt Ion: 101 Resp: 57977
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 70.9 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 50.63 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046302.D
 Acq: 13 Dec 2021 09:55

Tgt Ion: 96 Resp: 51460
 Ion Ratio Lower Upper
 96 100
 61 171.8 118.6 220.2
 63 136.4 93.0 172.8

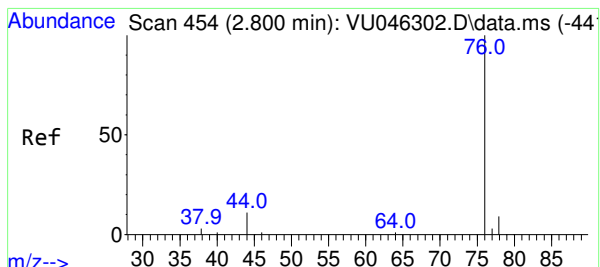
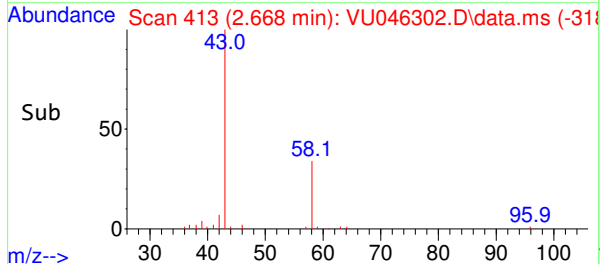
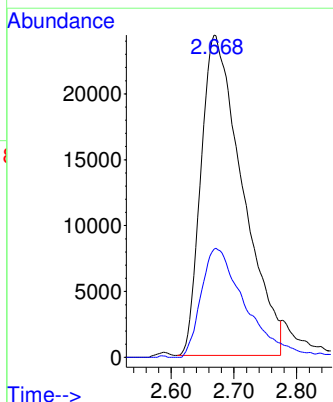
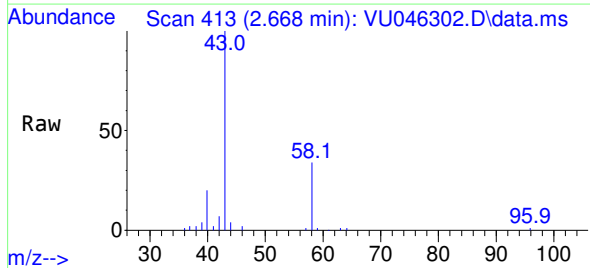




#13
Acetone
Concen: 92.84 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.006 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

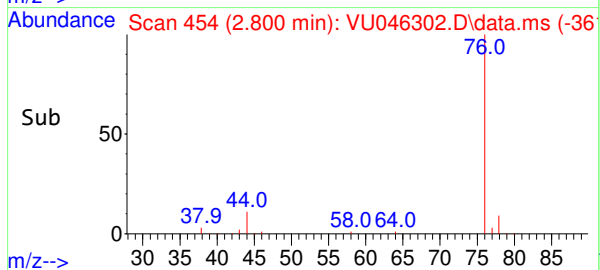
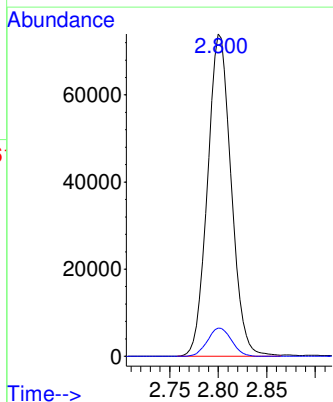
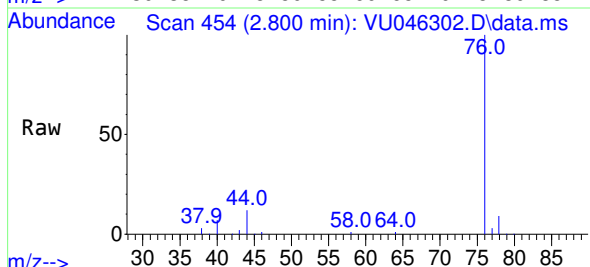
Instrument : MSVOA_U
ClientSampleId :

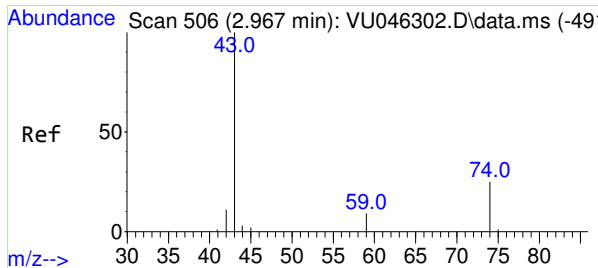
Tgt Ion: 43 Resp: 111690
Ion Ratio Lower Upper
43 100
58 36.1 0.0 66.8



#14
Carbon disulfide
Concen: 39.75 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 76 Resp: 125358
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

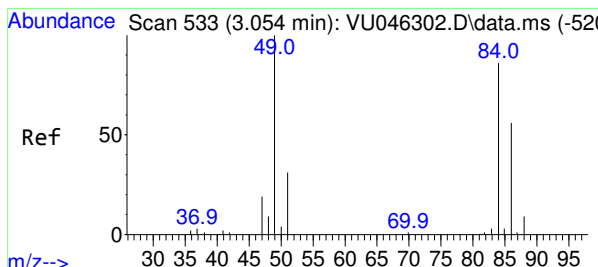
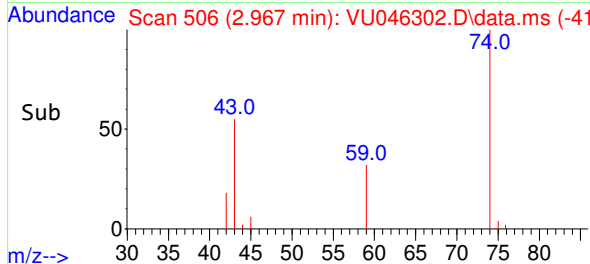
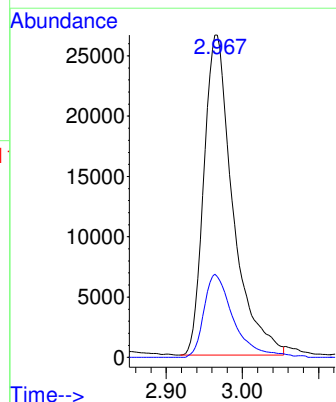
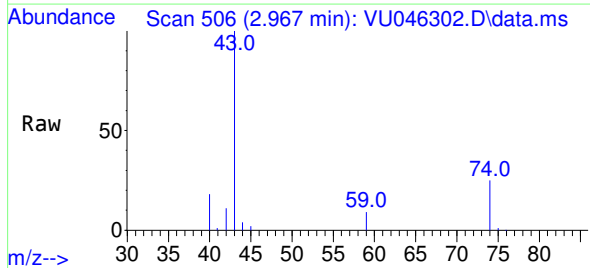




#15
Methyl Acetate
Concen: 50.00 ug/L
RT: 2.967 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

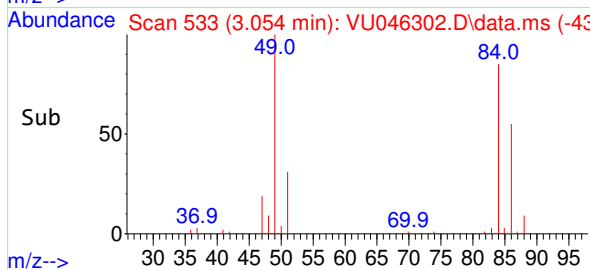
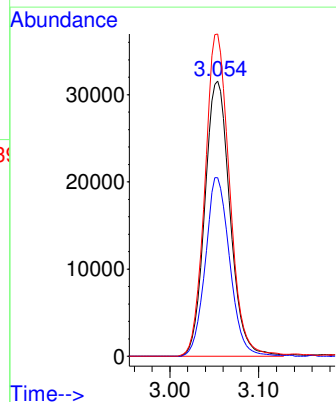
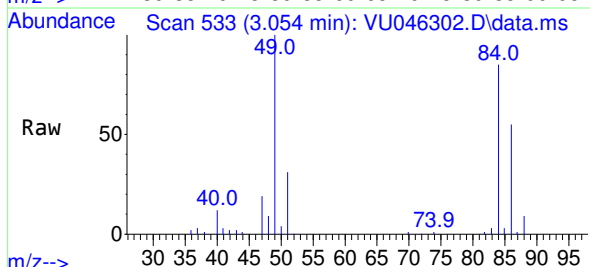
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 70132
Ion Ratio Lower Upper
43 100
74 26.6 20.8 31.2

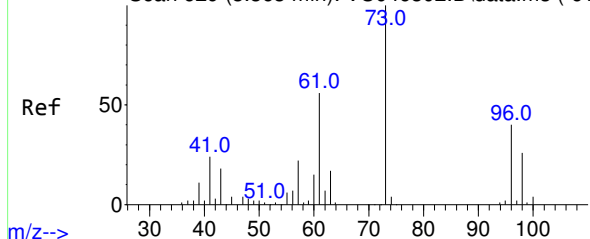


#16
Methylene chloride
Concen: 51.47 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 84 Resp: 62243
Ion Ratio Lower Upper
84 100
86 64.9 44.7 83.1
49 117.1 78.4 145.6



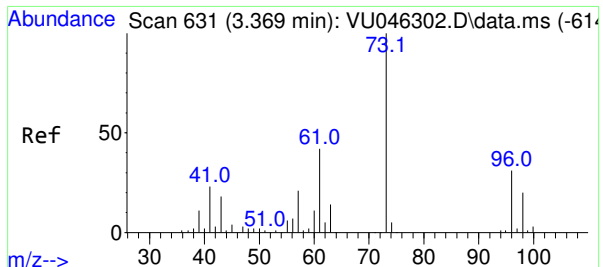
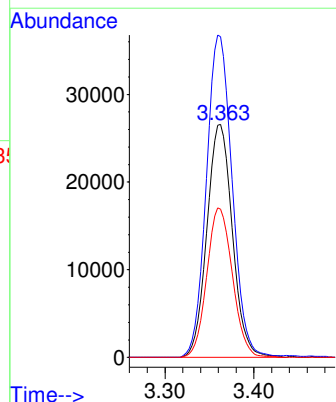
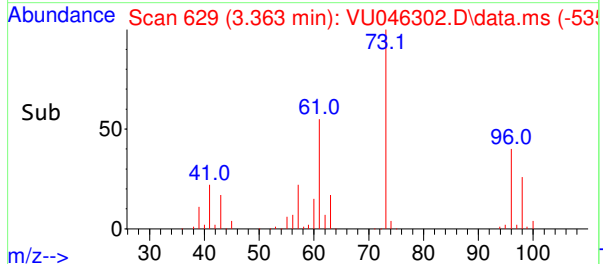
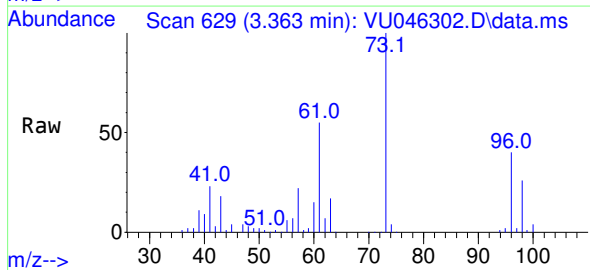
Abundance Scan 629 (3.363 min): VU046302.D\data.ms (-61



#17
trans-1,2-Dichloroethene
Concen: 49.32 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

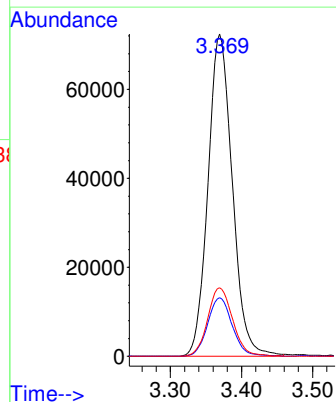
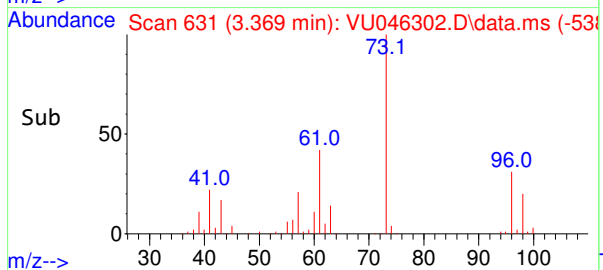
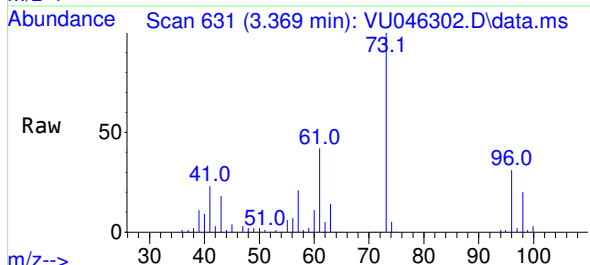
Instrument :
MSVOA_U
ClientSampleId :

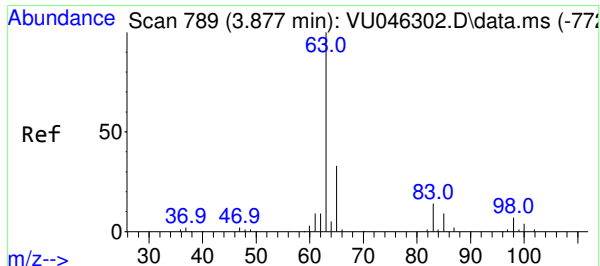
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	94.6	175.6
98	63.6	44.0	81.8



#18
Methyl tert-butyl Ether
Concen: 51.93 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.5	14.0	21.0
57	21.8	17.0	25.4

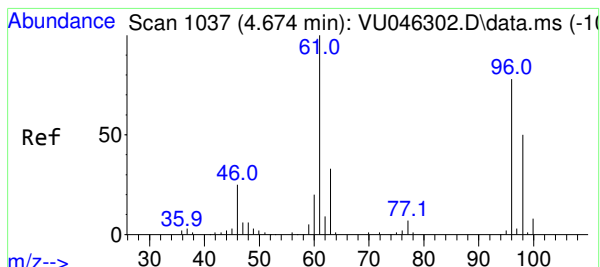
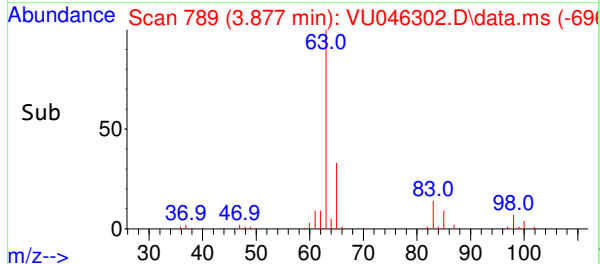
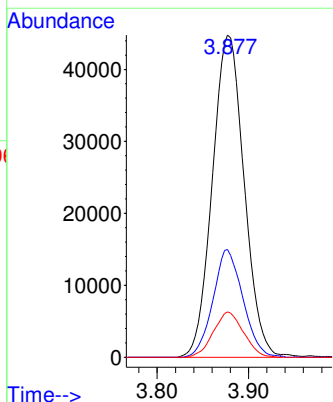
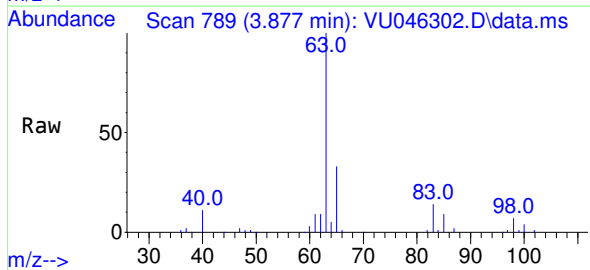




#19
1,1-Dichloroethane
Concen: 55.15 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

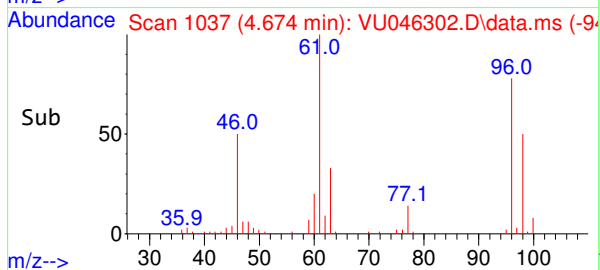
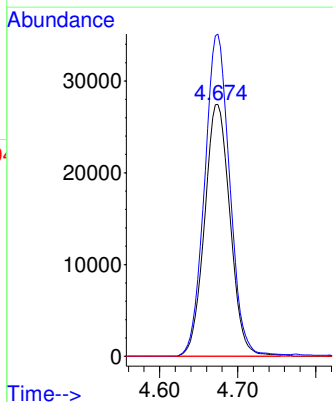
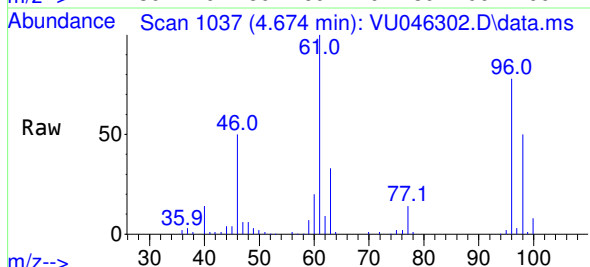
Instrument :
MSVOA_U
ClientSampleId :

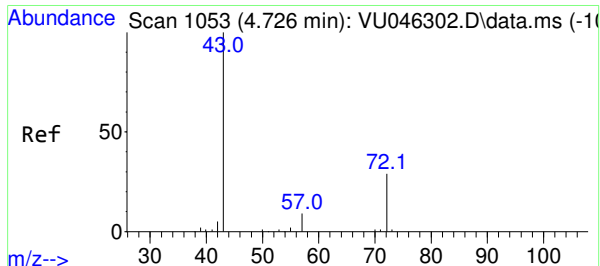
Tgt Ion: 63 Resp: 107871
Ion Ratio Lower Upper
63 100
65 33.5 22.8 42.4
83 14.1 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 53.45 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 96 Resp: 62380
Ion Ratio Lower Upper
96 100
61 128.0 86.8 161.2
68 0.0 0.0 0.0

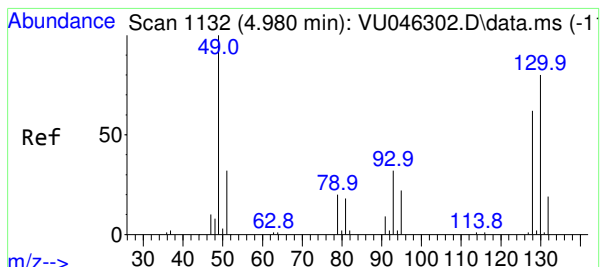
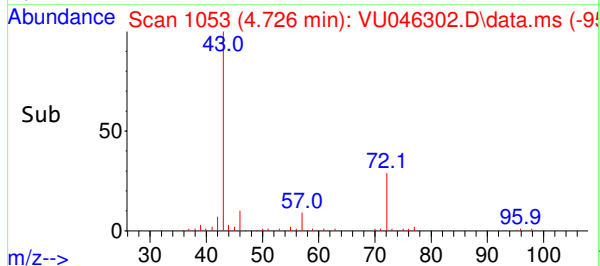
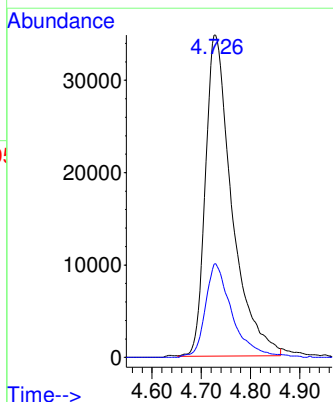
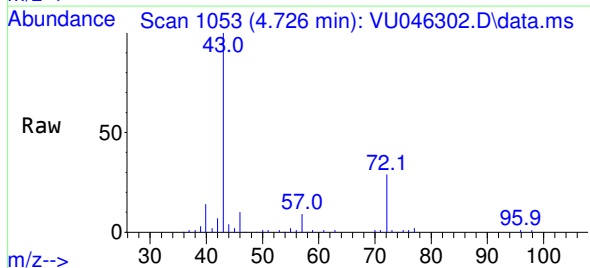




#22
2-Butanone
Concen: 99.15 ug/L
RT: 4.726 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

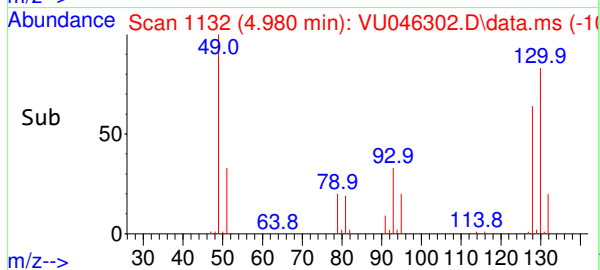
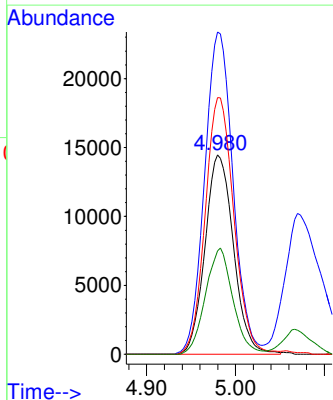
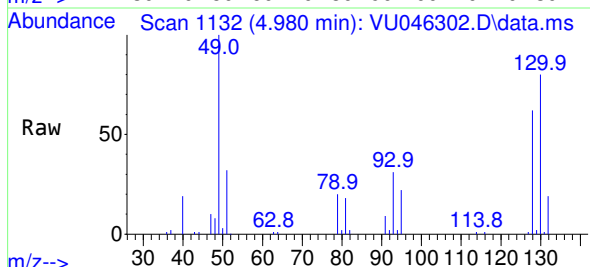
Instrument :
MSVOA_U
ClientSampleId :

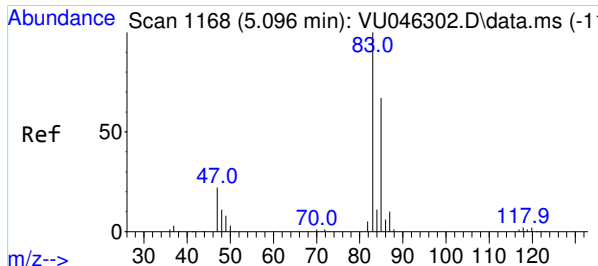
Tgt Ion: 43 Resp: 129860
Ion Ratio Lower Upper
43 100
72 29.3 14.5 43.6



#23
Bromochloromethane
Concen: 54.59 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 128 Resp: 32183
Ion Ratio Lower Upper
128 100
49 161.7 115.9 215.3
130 128.8 91.8 170.4
51 51.9 40.3 60.5

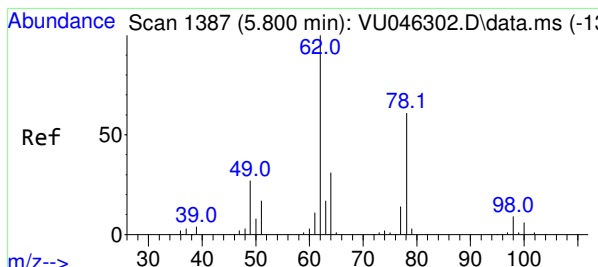
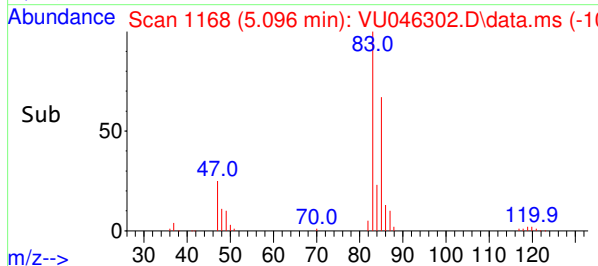
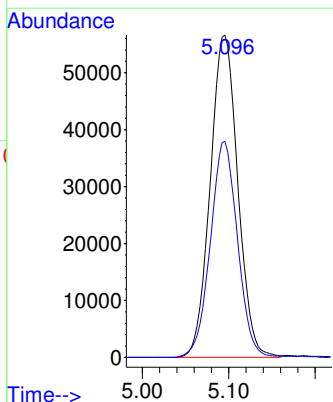
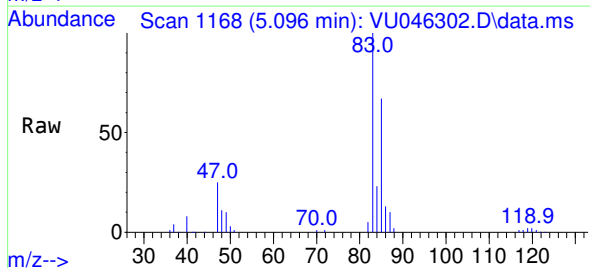




#25
Chloroform
Concen: 57.77 ug/L
RT: 5.096 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

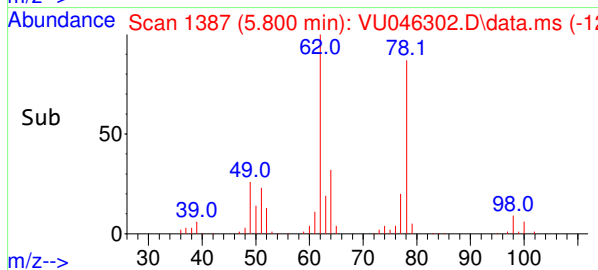
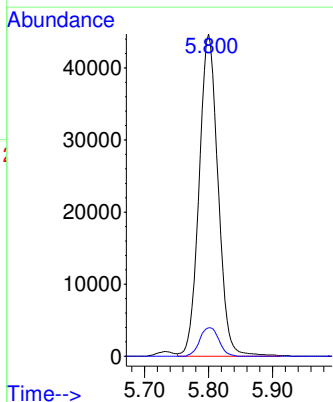
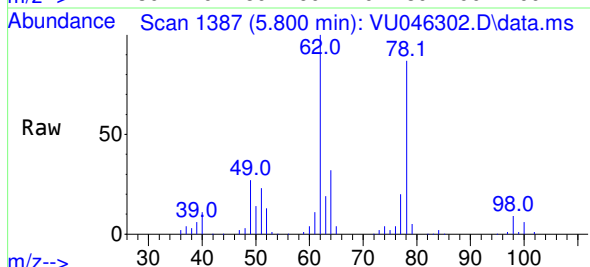
Instrument :
MSVOA_U
ClientSampleId :

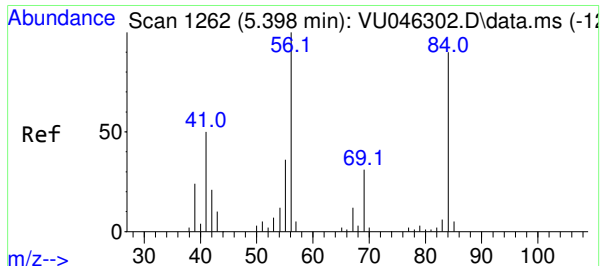
Tgt Ion: 83 Resp: 125529
Ion Ratio Lower Upper
83 100
85 67.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 56.99 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 62 Resp: 91906
Ion Ratio Lower Upper
62 100
98 8.8 7.9 11.9

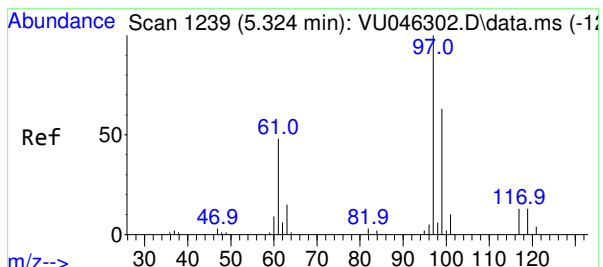
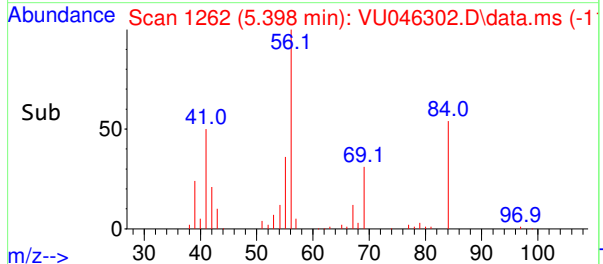
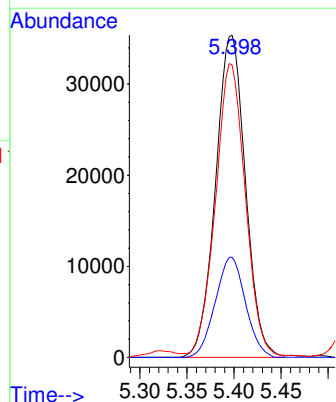
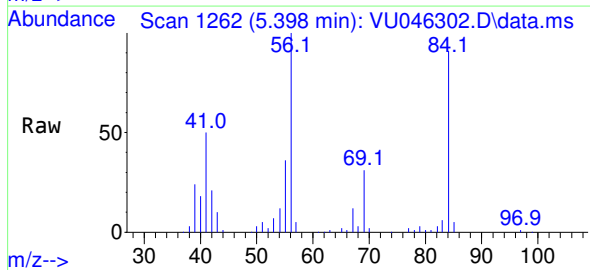




#29
Cyclohexane
Concen: 43.60 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

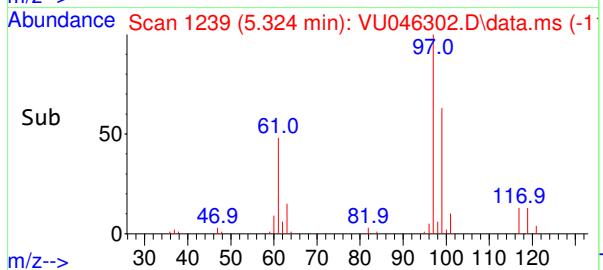
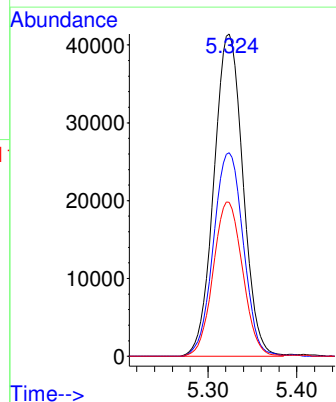
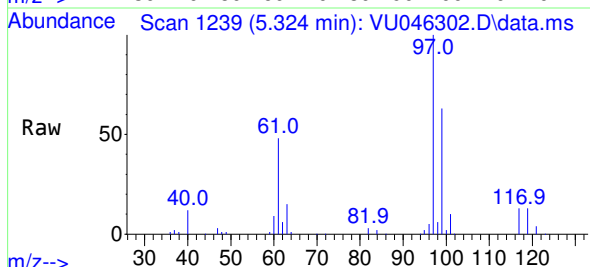
Instrument :
MSVOA_U
ClientSampleId :

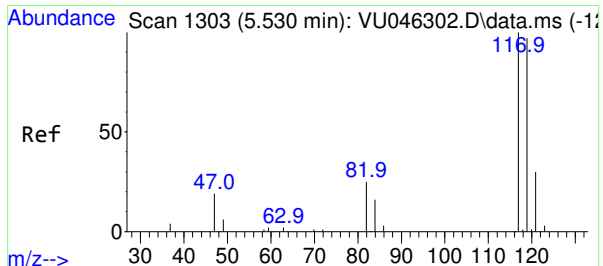
Tgt Ion:	56	Resp:	78190
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.2	37.8
84	90.2	73.3	109.9



#30
1,1,1-Trichloroethane
Concen: 49.67 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:	97	Resp:	93902
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	48.6	34.4	51.6

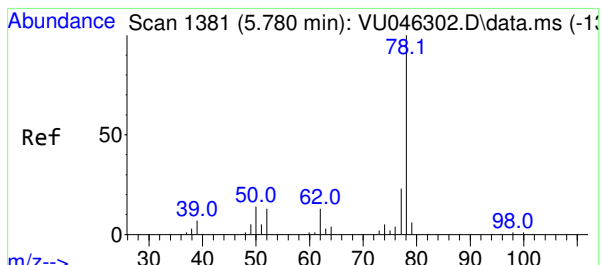
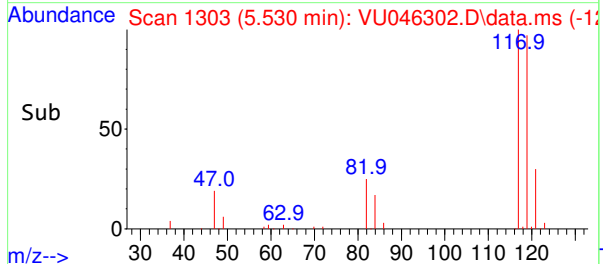
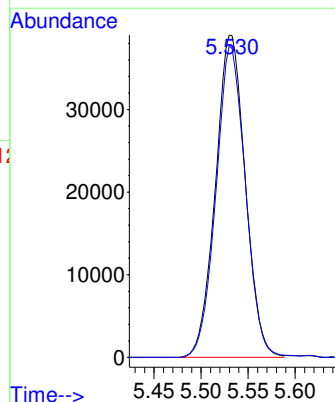
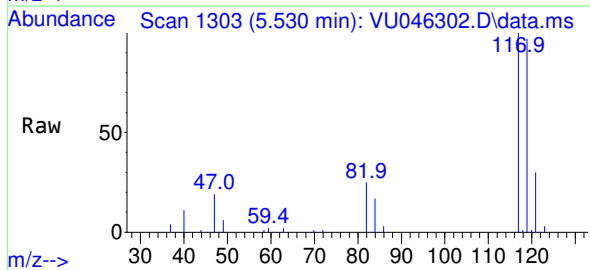




#31
Carbon tetrachloride
Concen: 53.43 ug/L
RT: 5.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

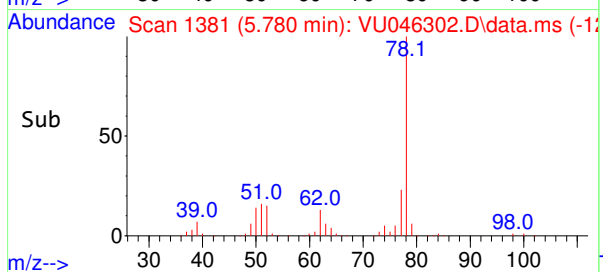
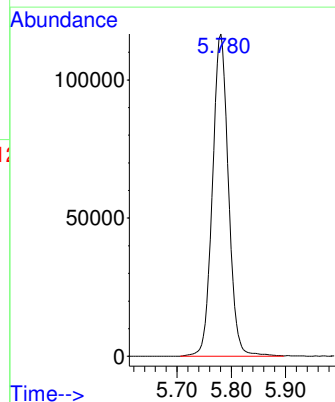
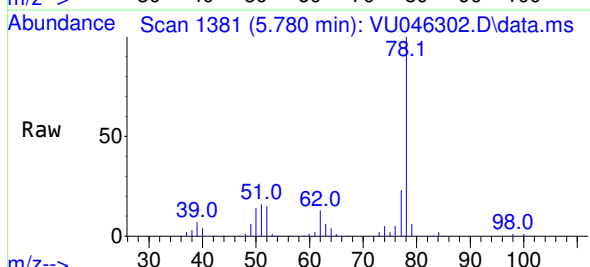
Instrument :
MSVOA_U
ClientSampleId :

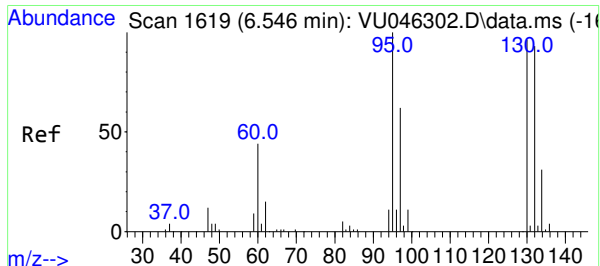
Tgt Ion:117 Resp: 85758
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 51.38 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 78 Resp: 239504

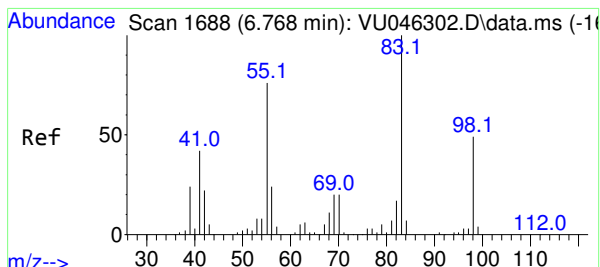
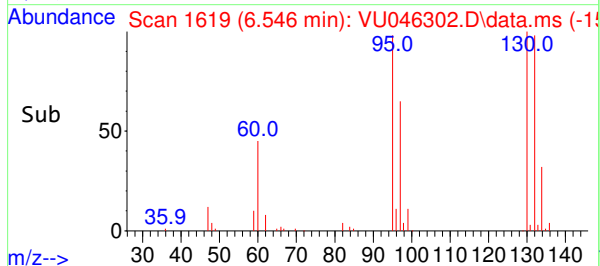
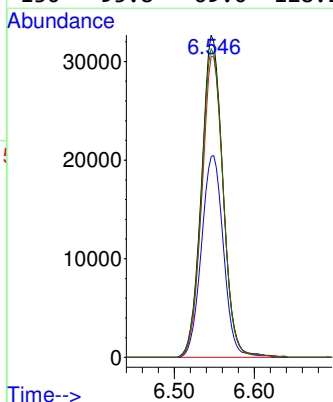
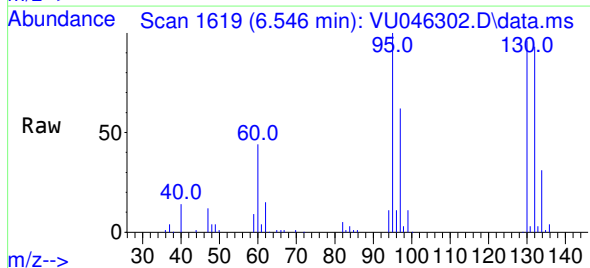




#34
Trichloroethene
Concen: 49.82 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

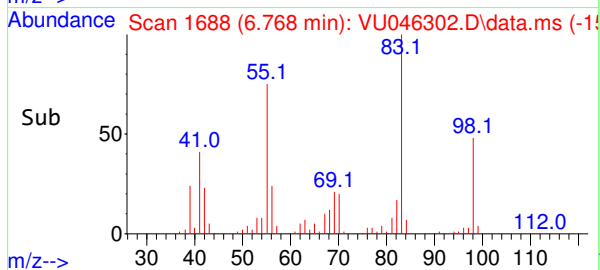
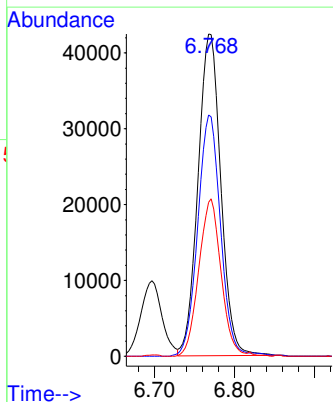
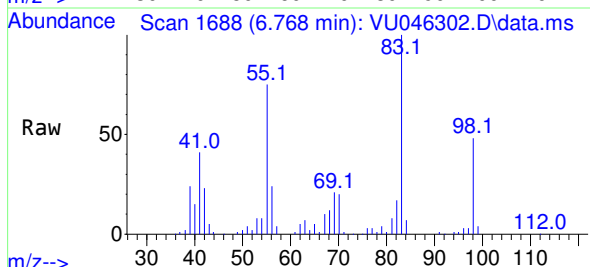
Instrument :
MSVOA_U
ClientSampleId :

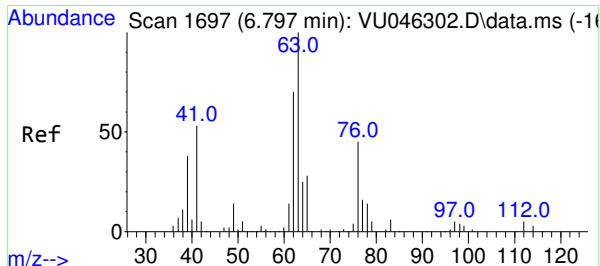
Tgt Ion:	95	Resp:	61182
Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.1	81.9
132	93.4	66.8	124.0
130	95.8	69.0	128.1



#35
Methylcyclohexane
Concen: 44.25 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:	83	Resp:	84261
Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.8	86.6
98	47.5	38.4	57.6

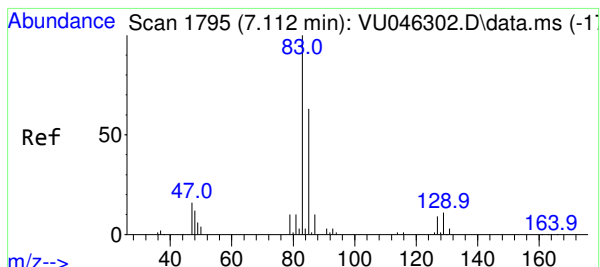
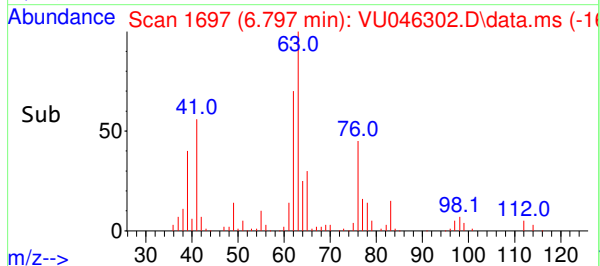
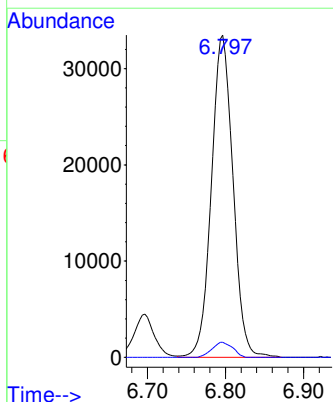
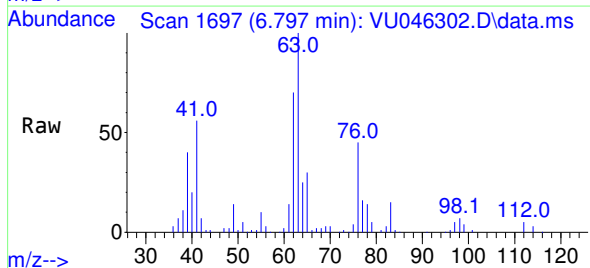




#37
1,2-Dichloropropane
Concen: 52.75 ug/L
RT: 6.797 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

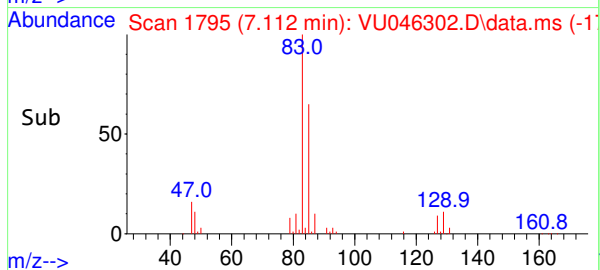
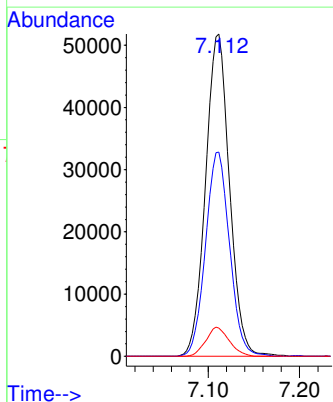
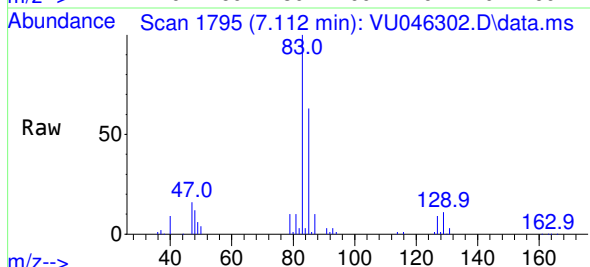
Instrument :
MSVOA_U
ClientSampleId :

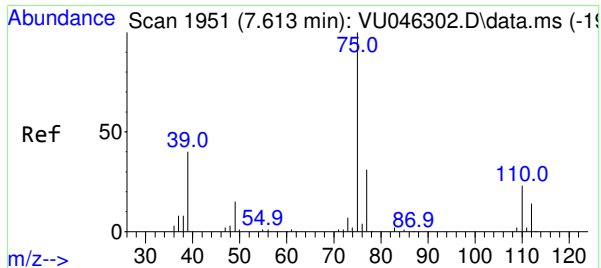
Tgt Ion: 63 Resp: 64417
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 58.10 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 83 Resp: 94293
Ion Ratio Lower Upper
83 100
85 63.3 44.4 82.5
127 8.7 6.9 10.3

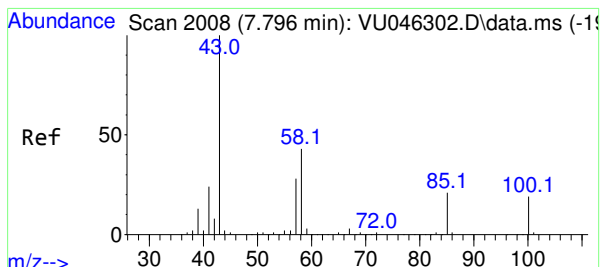
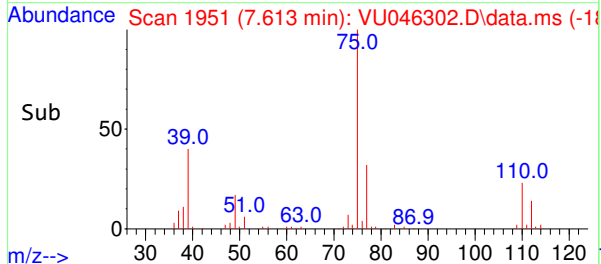
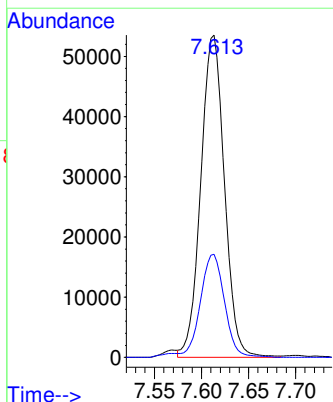
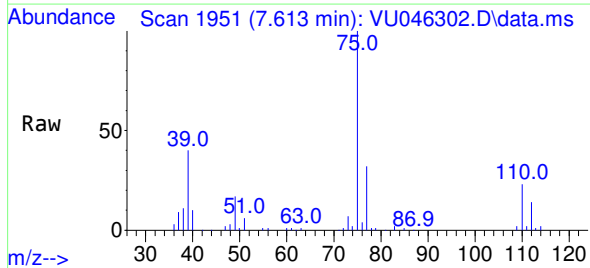




#39
 cis-1,3-Dichloropropene
 Concen: 50.32 ug/L
 RT: 7.613 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU046302.D
 Acq: 13 Dec 2021 09:55

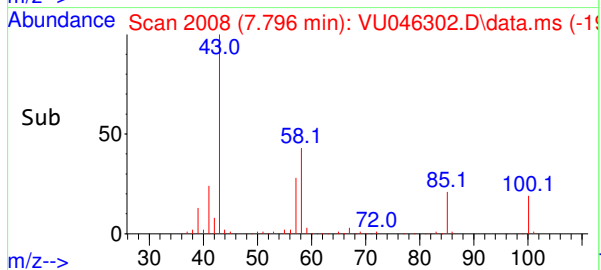
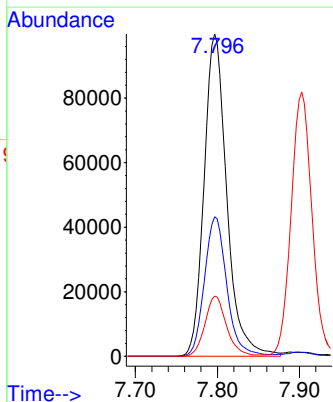
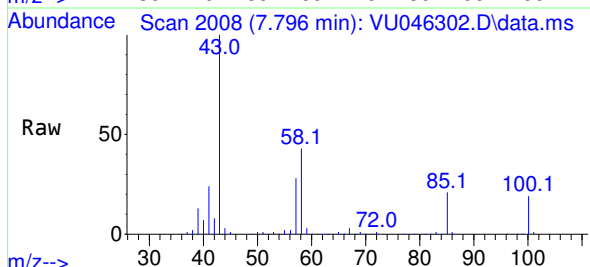
Instrument :
 MSVOA_U
 ClientSampleId :

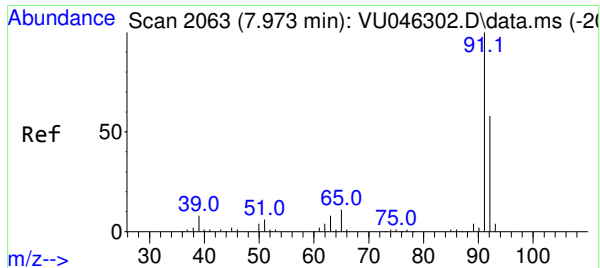
Tgt Ion: 75 Resp: 93470
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 106.99 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: VU046302.D
 Acq: 13 Dec 2021 09:55

Tgt Ion: 43 Resp: 191941
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.2 51.4
 100 17.9 14.5 21.7

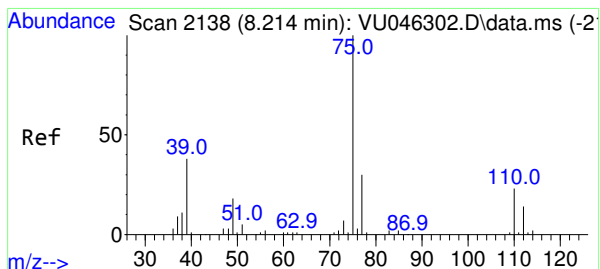
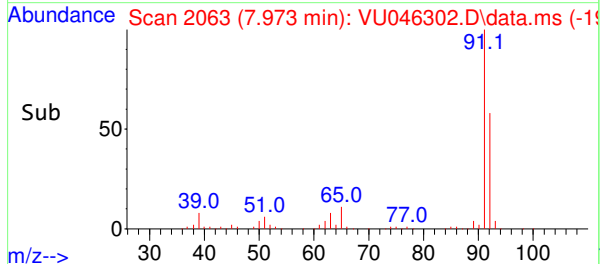
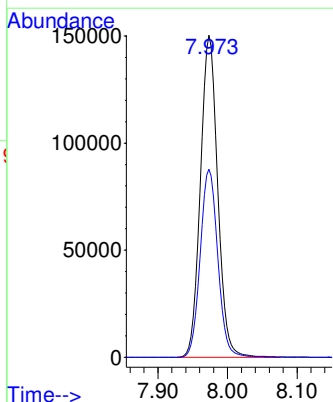
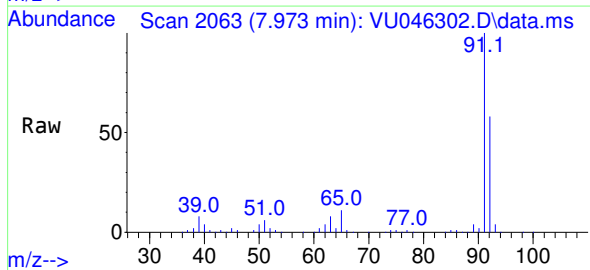




#42
Toluene
Concen: 51.86 ug/L
RT: 7.973 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

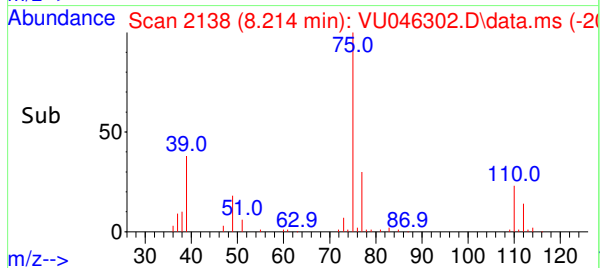
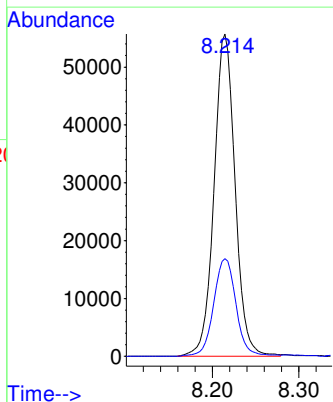
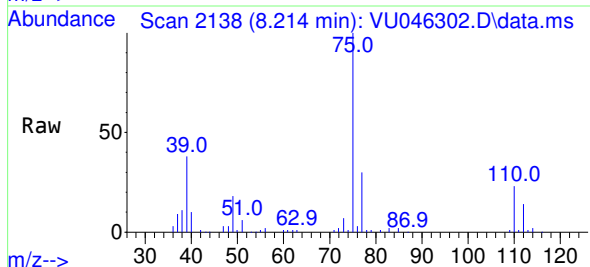
Instrument :
MSVOA_U
ClientSampleId :

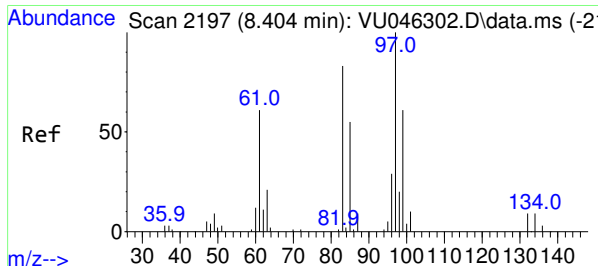
Tgt Ion: 91 Resp: 259404
Ion Ratio Lower Upper
91 100
92 58.4 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 51.62 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 75 Resp: 94187
Ion Ratio Lower Upper
75 100
77 30.3 21.7 40.3

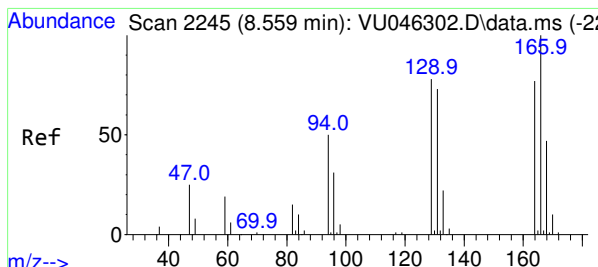
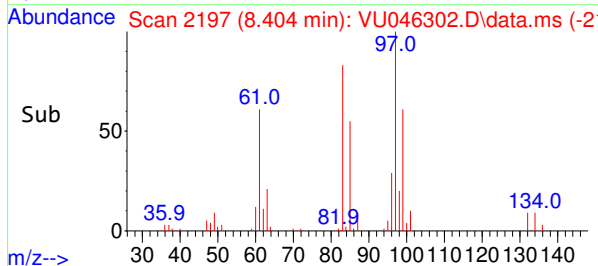
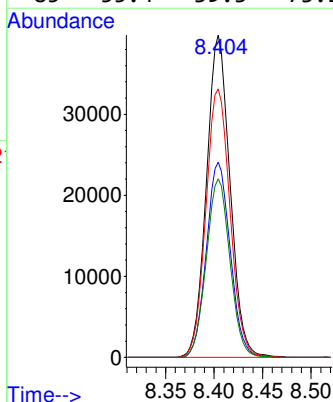
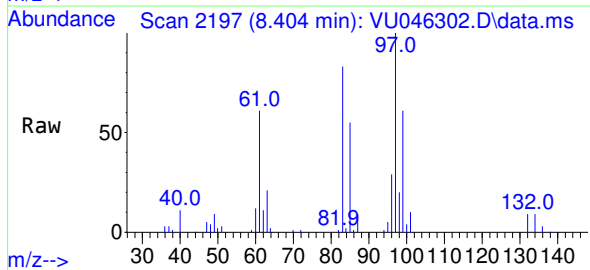




#45
1,1,2-Trichloroethane
Concen: 54.90 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

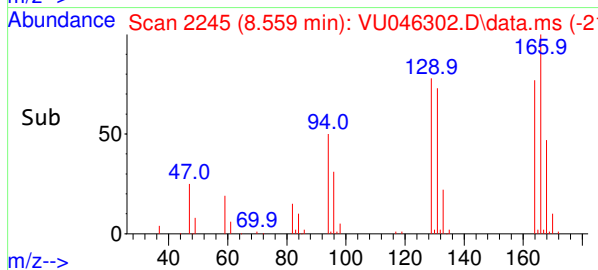
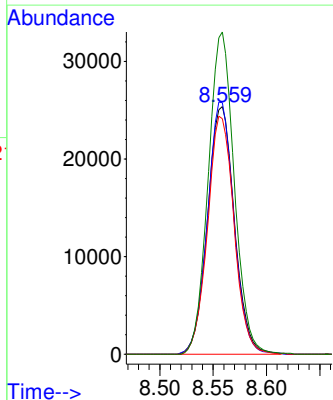
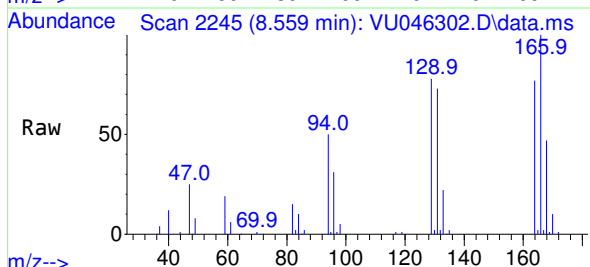
Instrument :
MSVOA_U
ClientSampleId :

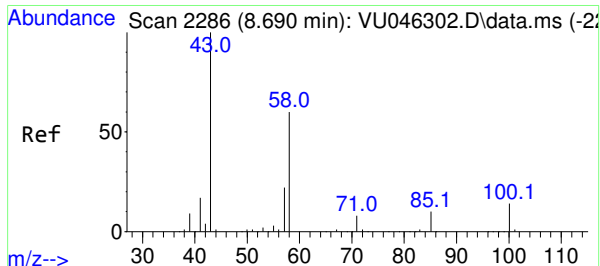
Tgt Ion:	97	Resp:	67257
Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.7	82.9
83	83.3	60.2	111.8
85	55.4	39.3	73.1



#46
Tetrachloroethene
Concen: 49.47 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

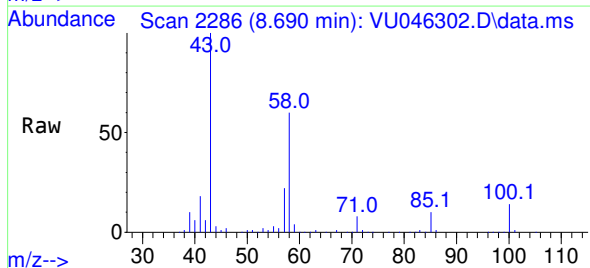
Tgt Ion:	164	Resp:	44643
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.1	132.1
131	95.1	67.8	126.0
166	130.1	90.6	168.2





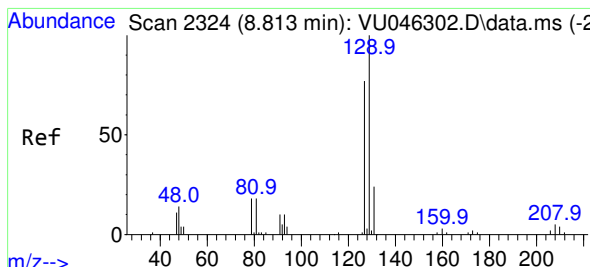
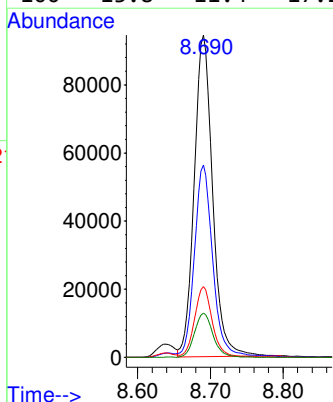
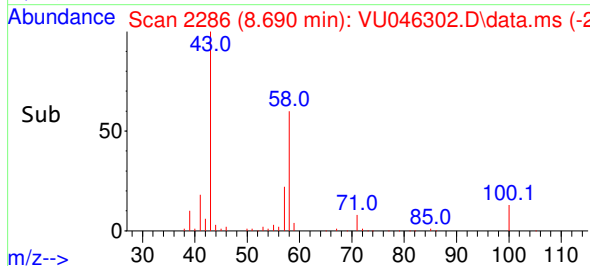
#48
2-Hexanone
Concen: 103.62 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 166247

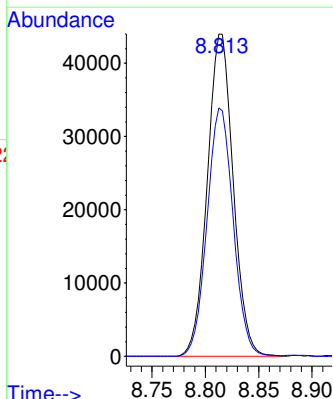
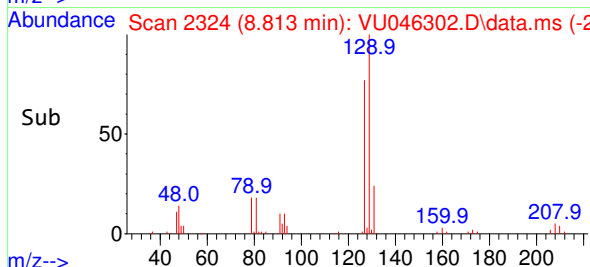
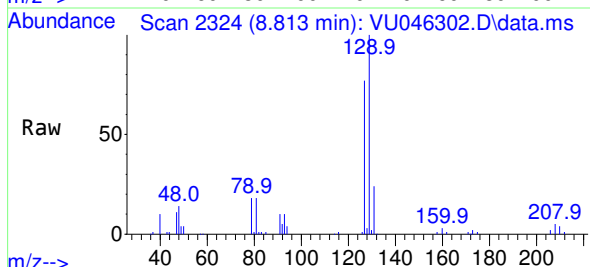
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.4	71.2
57	21.2	16.6	25.0
100	13.8	11.4	17.2

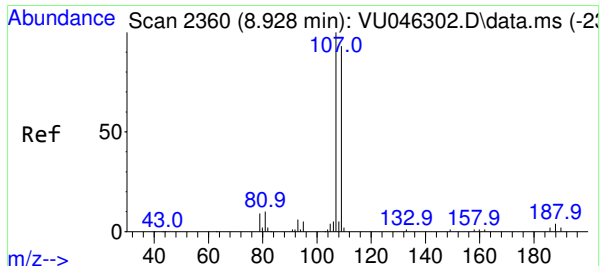


#49
Dibromochloromethane
Concen: 57.91 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 129 Resp: 74501

Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.6	103.4

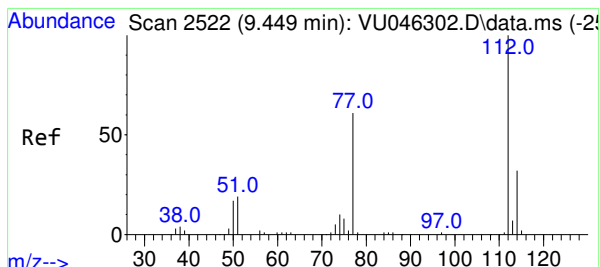
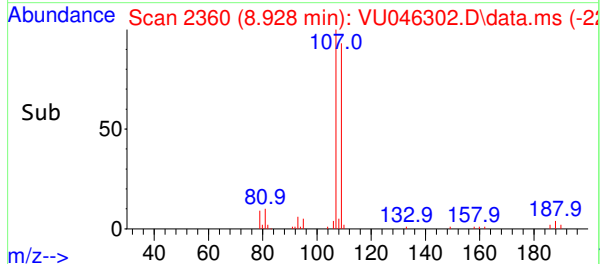
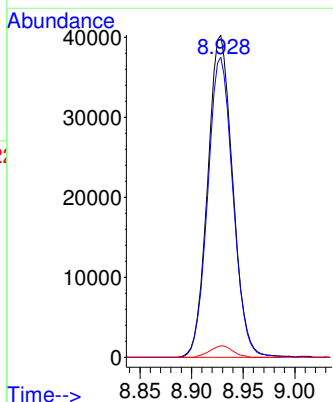
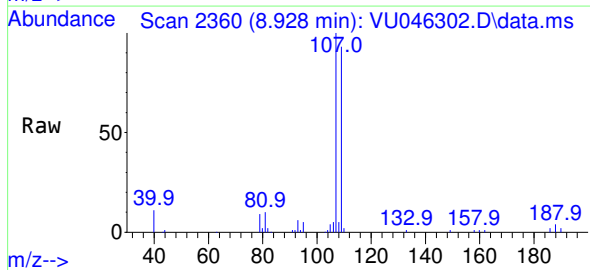




#50
1,2-Dibromoethane
Concen: 51.09 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

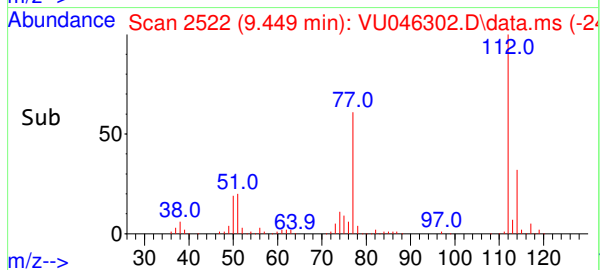
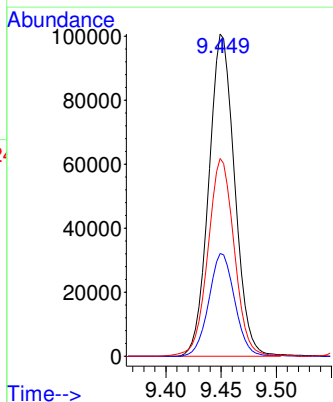
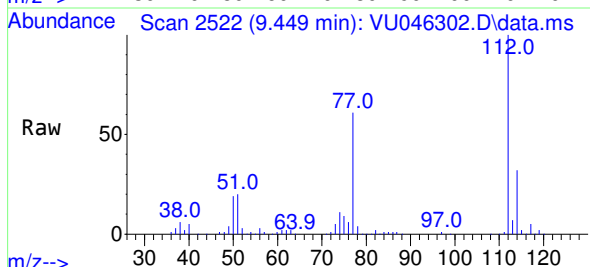
Instrument :
MSVOA_U
ClientSampleId :

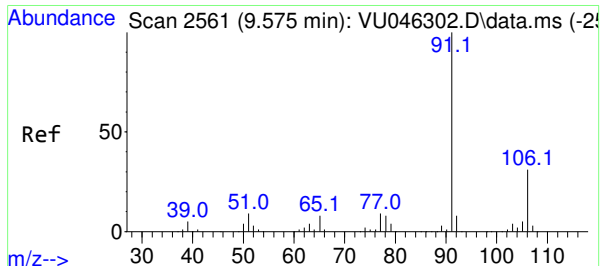
Tgt Ion:107 Resp: 67853
Ion Ratio Lower Upper
107 100
109 93.1 64.9 120.5
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 50.74 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:112 Resp: 164202
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 61.3 47.4 71.0

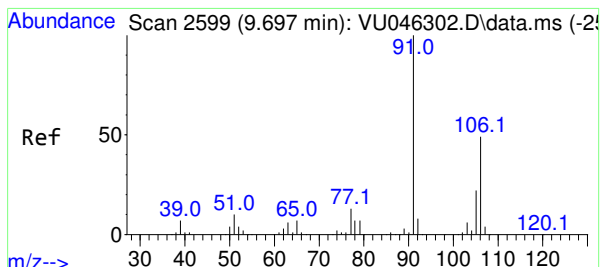
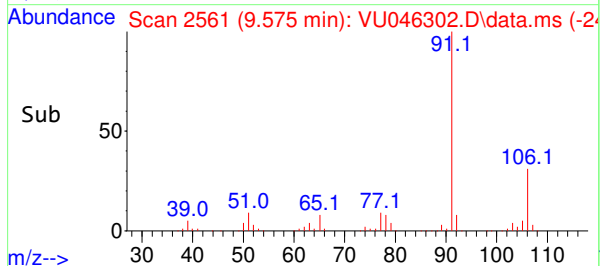
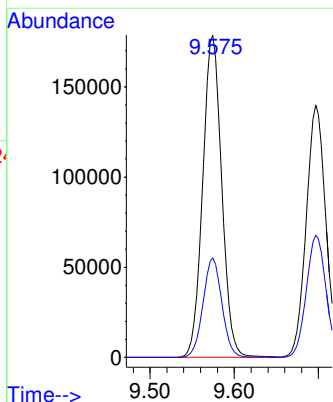
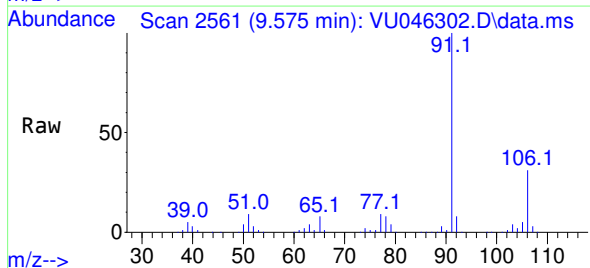




#52
Ethylbenzene
Concen: 51.91 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

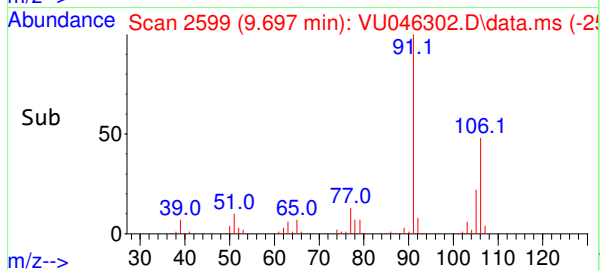
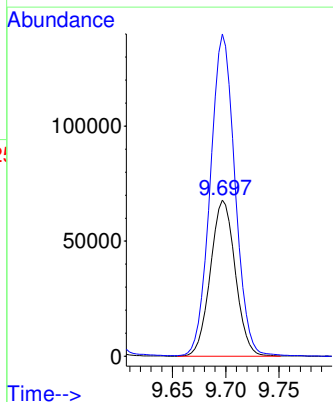
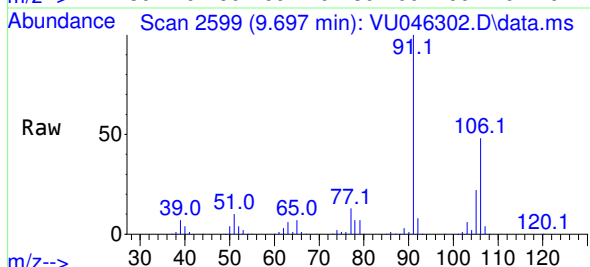
Instrument : MSVOA_U
ClientSampleId :

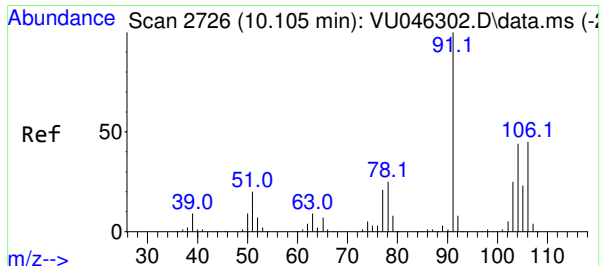
Tgt Ion: 91 Resp: 279442
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 52.48 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion: 106 Resp: 110177
Ion Ratio Lower Upper
106 100
91 206.4 144.3 268.1

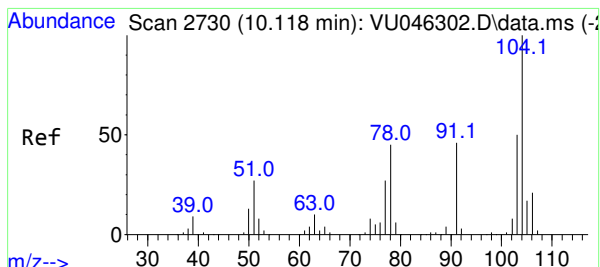
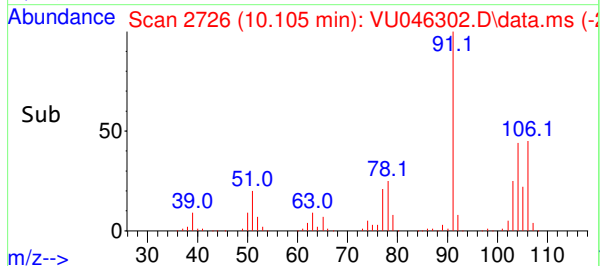
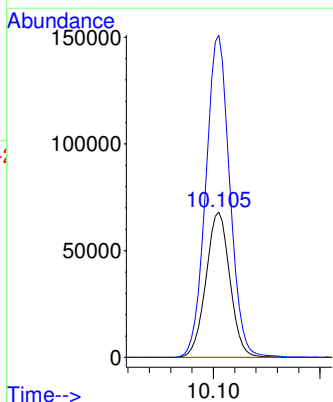
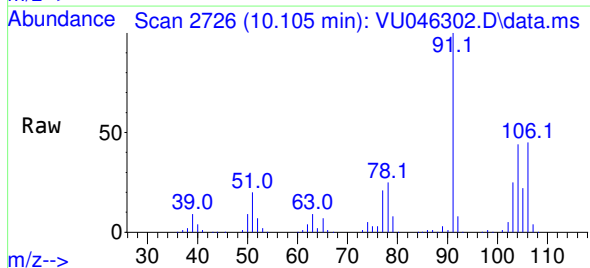




#54
o-xylene
Concen: 52.14 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

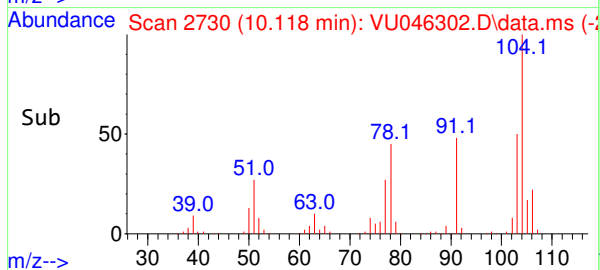
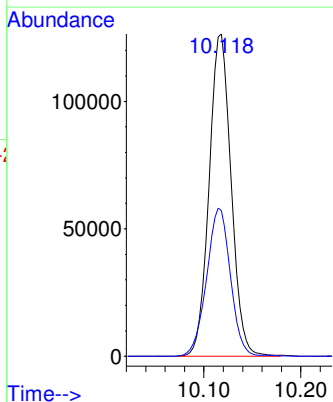
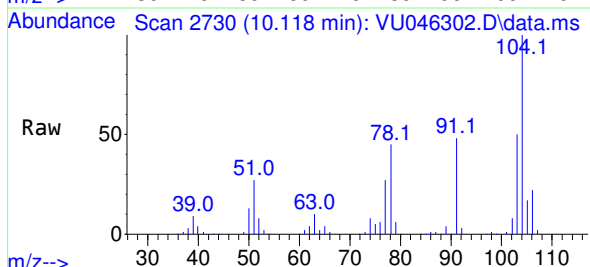
Instrument : MSVOA_U
ClientSampleId :

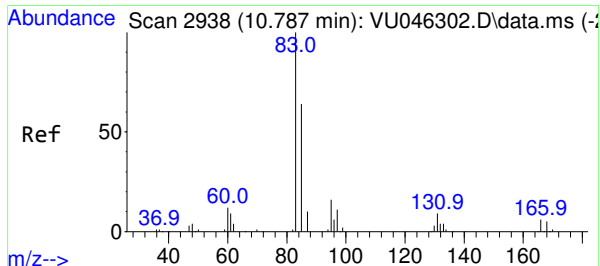
Tgt Ion:106 Resp: 106214
Ion Ratio Lower Upper
106 100
91 221.8 154.2 286.4



#55
Styrene
Concen: 57.35 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:104 Resp: 199452
Ion Ratio Lower Upper
104 100
78 45.2 32.6 60.5

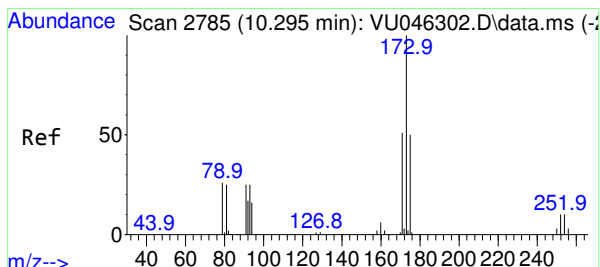
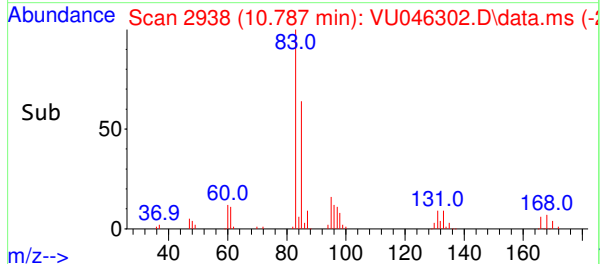
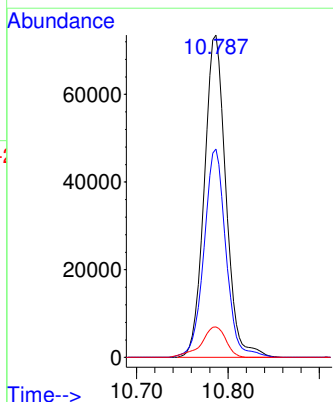
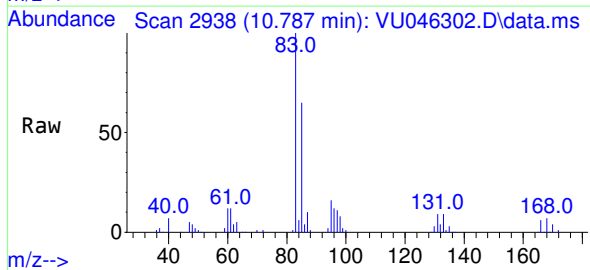




#57
1,1,2,2-Tetrachloroethane
Concen: 57.56 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

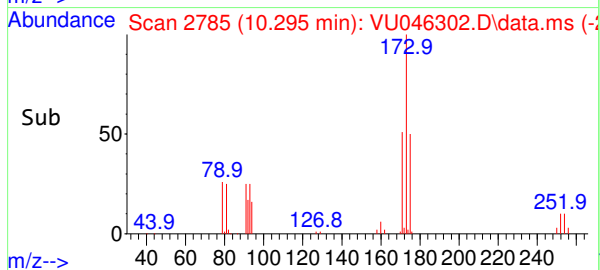
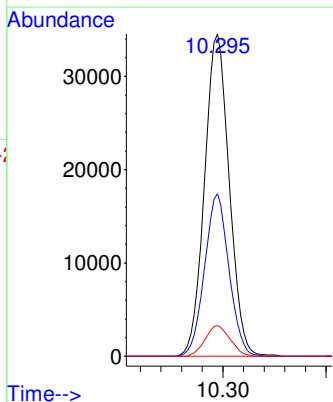
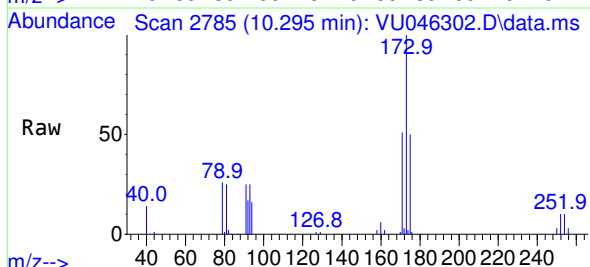
Instrument :
MSVOA_U
ClientSampleId :

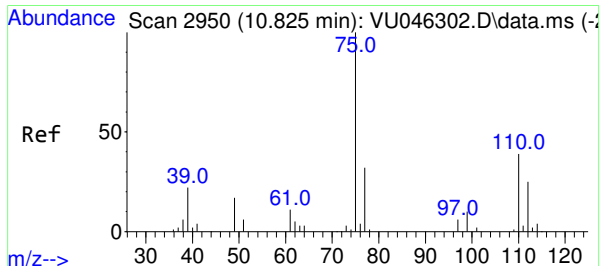
Tgt Ion:	83	Resp:	120884
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.6	84.6
131	9.5	7.8	11.6



#59
Bromoform
Concen: 55.50 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:	173	Resp:	57283
Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.2	58.8
254	9.7	7.4	11.2

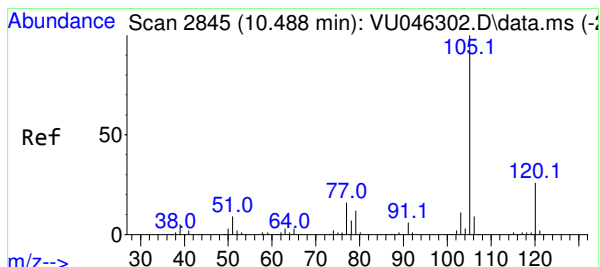
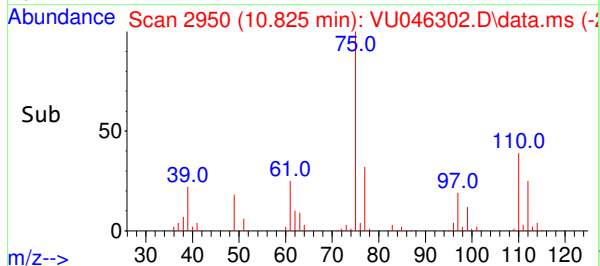
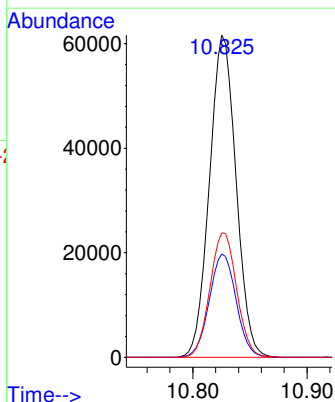
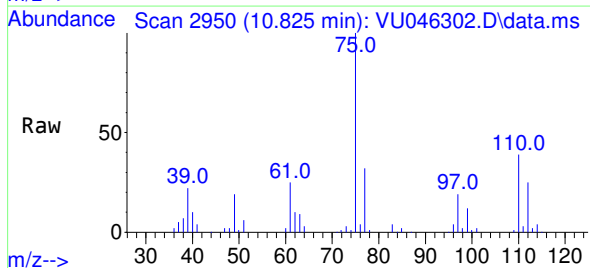




#60
1,2,3-Trichloropropane
Concen: 51.73 ug/L
RT: 10.825 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

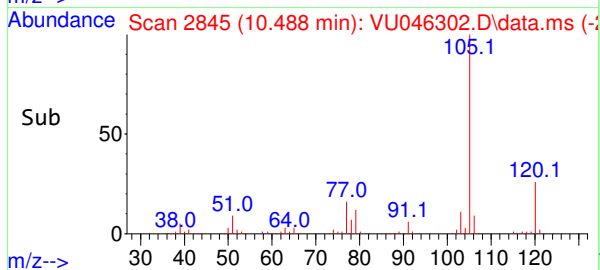
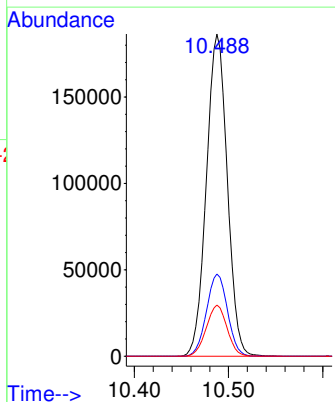
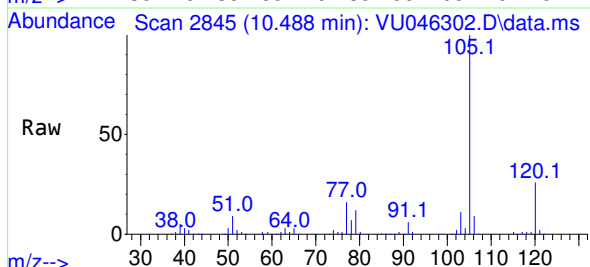
Instrument :
MSVOA_U
ClientSampleId :

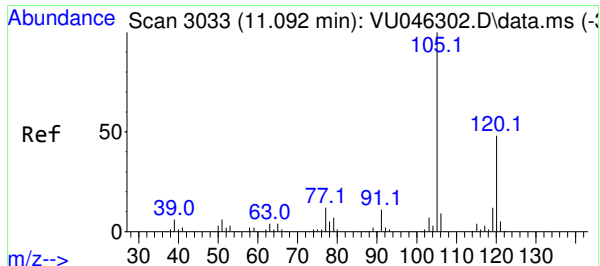
Tgt Ion:	75	Resp:	99766
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.4	39.6
110	39.0	32.4	48.6



#61
Isopropylbenzene
Concen: 50.11 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:	105	Resp:	286845
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.7	31.1
77	15.9	12.2	18.4

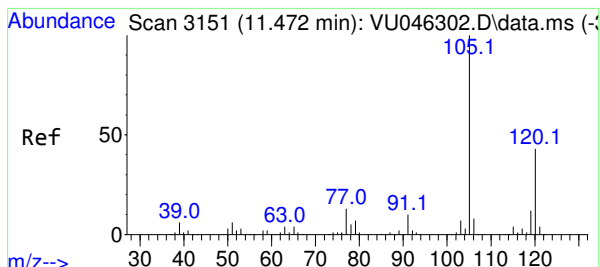
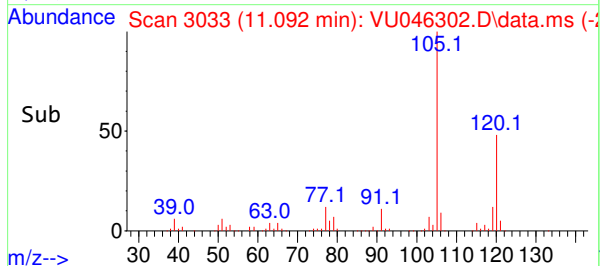
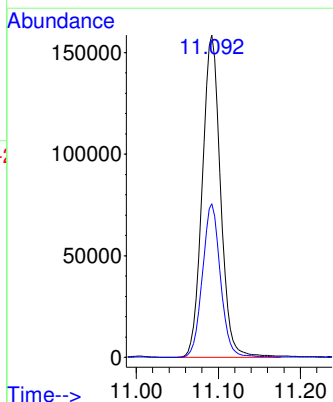
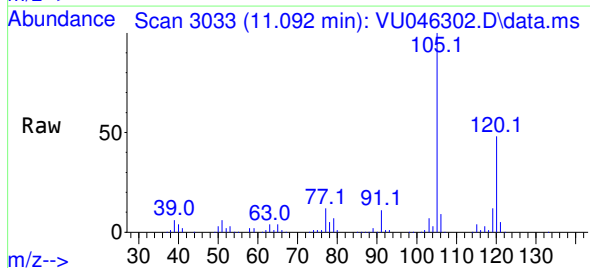




#62
1,3,5-Trimethylbenzene
Concen: 51.40 ug/L
RT: 11.092 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

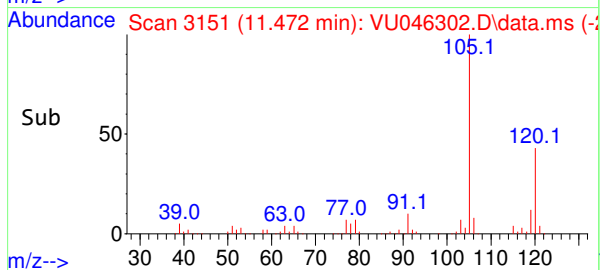
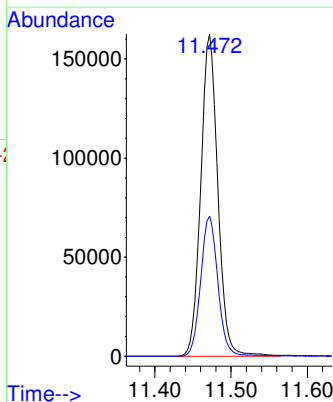
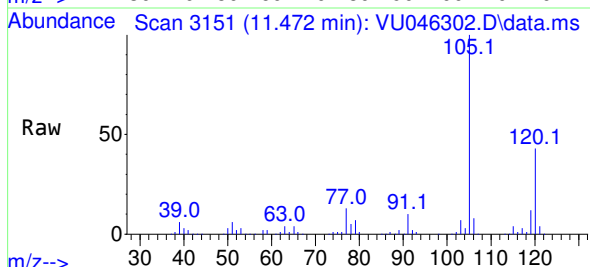
Instrument :
MSVOA_U
ClientSampleId :

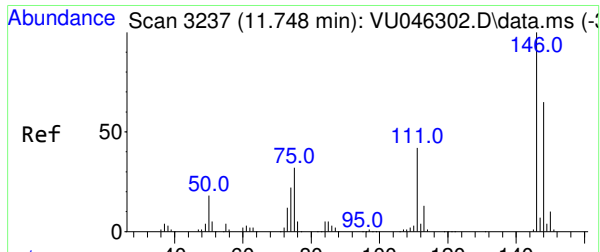
Tgt Ion:105 Resp: 245223
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 52.92 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:105 Resp: 252620
Ion Ratio Lower Upper
105 100
120 43.9 35.2 52.8

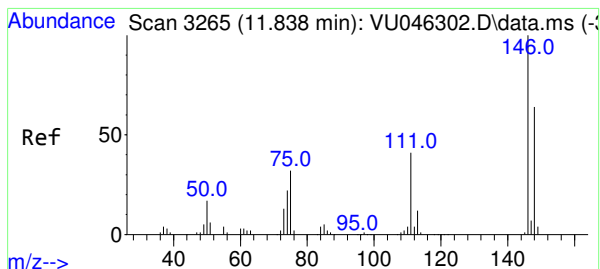
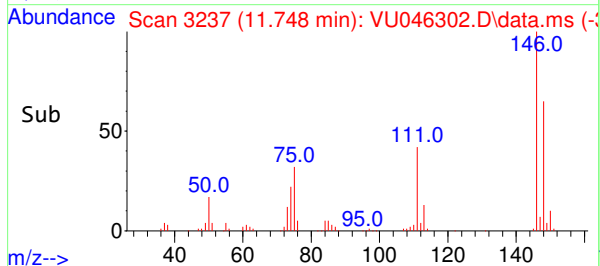
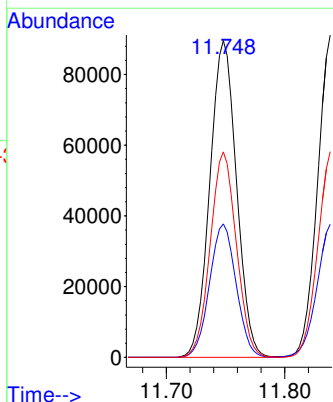
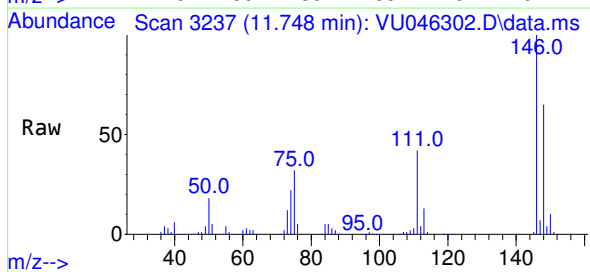




#64
1,3-Dichlorobenzene
Concen: 51.42 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

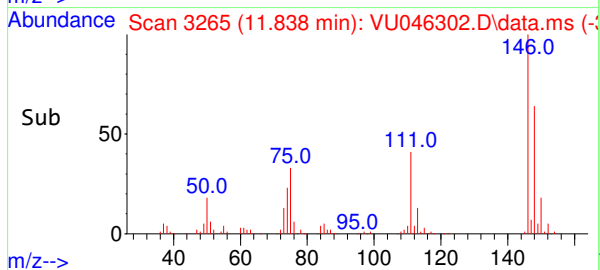
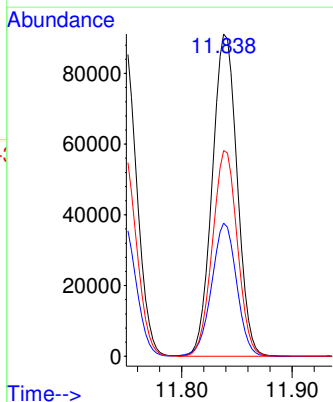
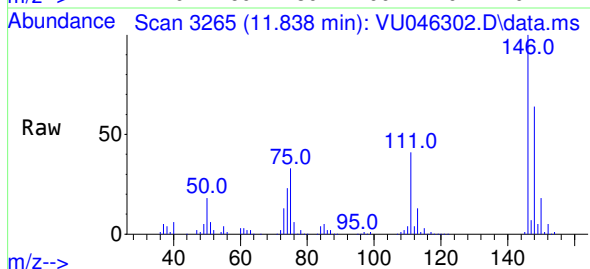
Instrument :
MSVOA_U
ClientSampleId :

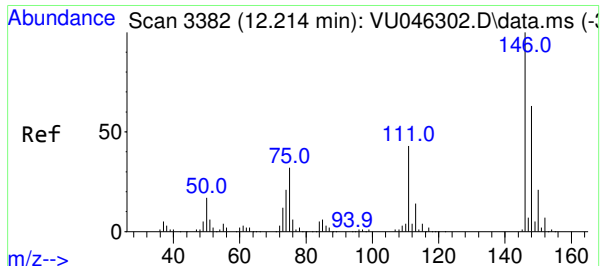
Tgt Ion:146 Resp: 139810
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 64.8 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 50.75 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:146 Resp: 142609
Ion Ratio Lower Upper
146 100
111 41.4 28.3 52.7
148 63.8 43.8 81.3

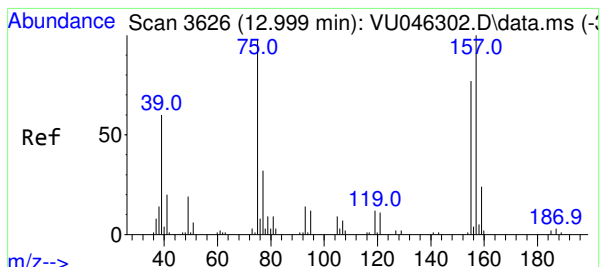
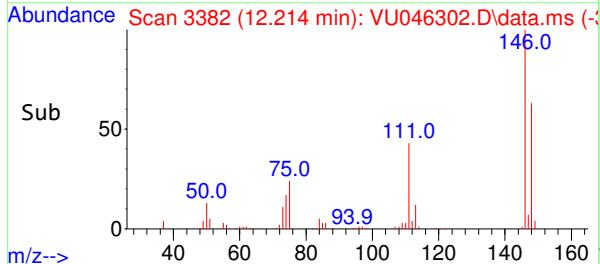
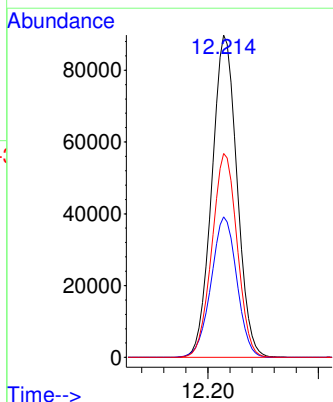
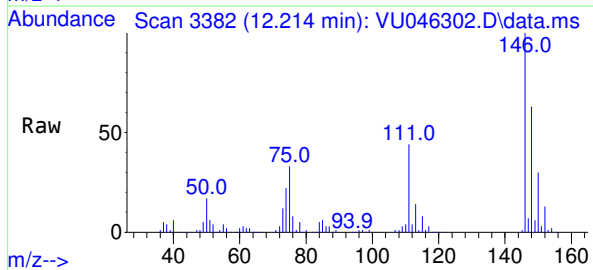




#67
1,2-Dichlorobenzene
Concen: 51.80 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

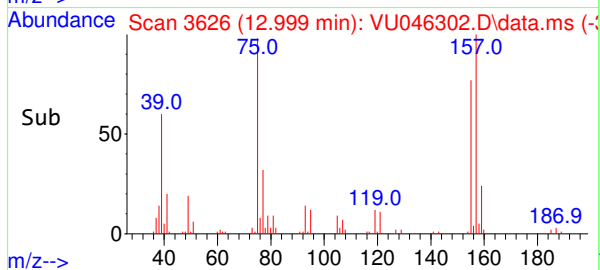
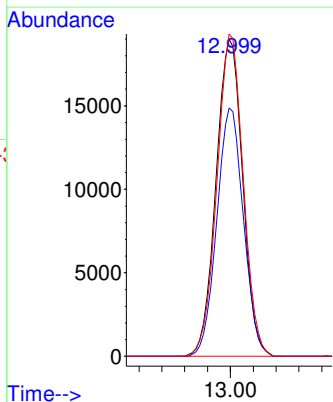
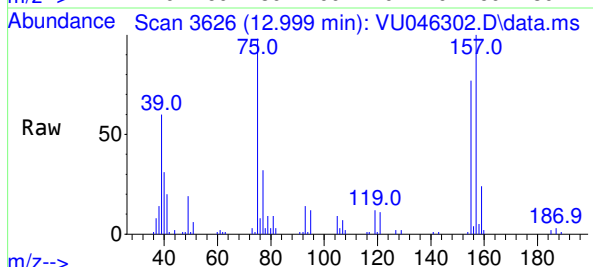
Instrument :
MSVOA_U
ClientSampleId :

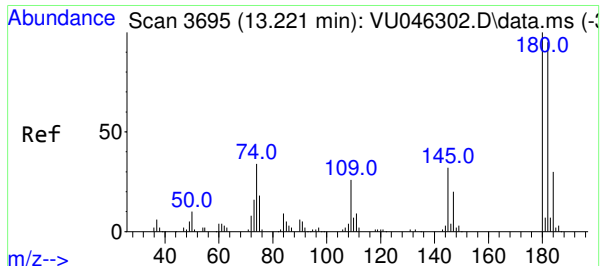
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	35.7	53.5
148	63.2	51.2	76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 59.98 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	64.9	97.3
157	101.6	81.9	122.9

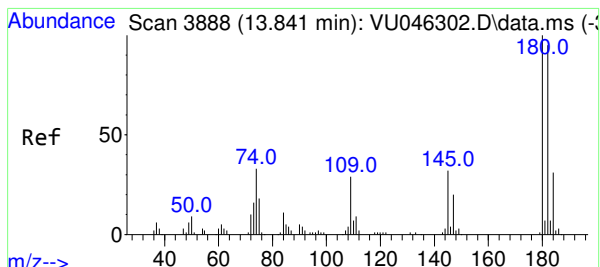
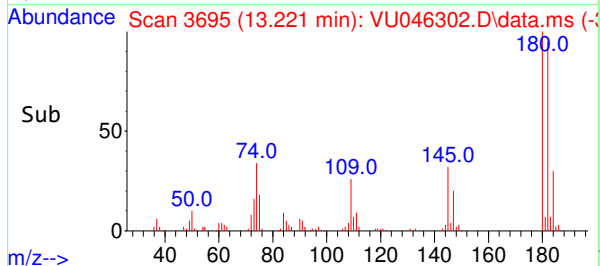
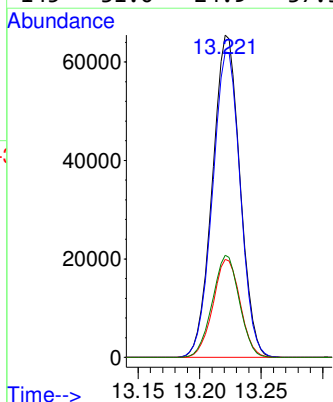
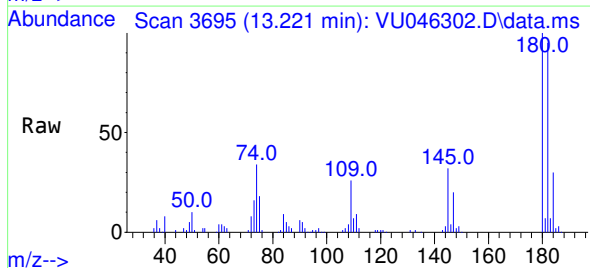




#69
1,3,5-Trichlorobenzene
Concen: 51.44 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

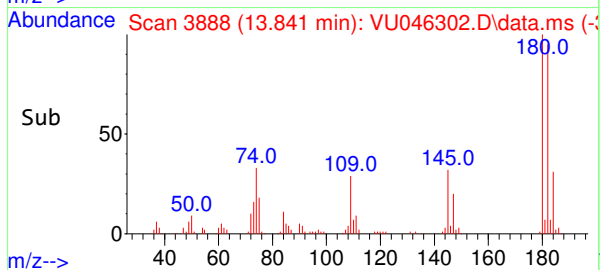
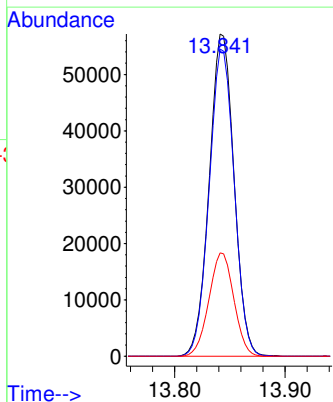
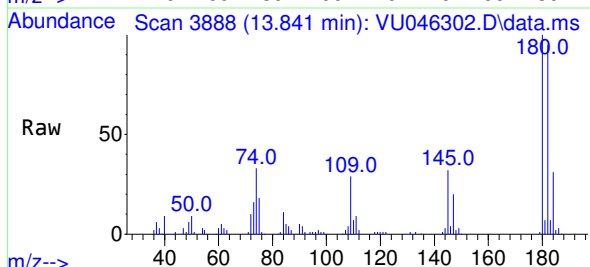
Instrument :
MSVOA_U
ClientSampleId :

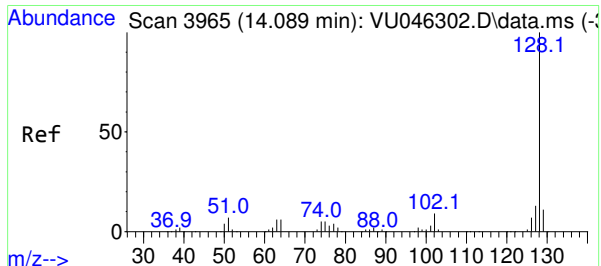
Tgt Ion:	180	Resp:	101918
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
184	30.0	24.2	36.4
145	31.0	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 50.65 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:	180	Resp:	89044
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
145	32.3	26.0	39.0

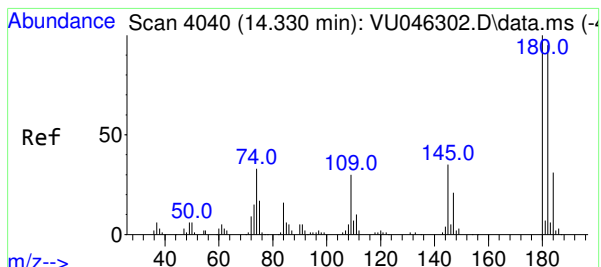
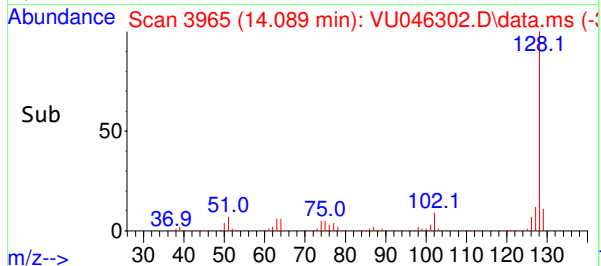
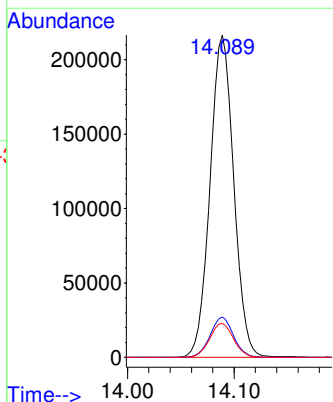
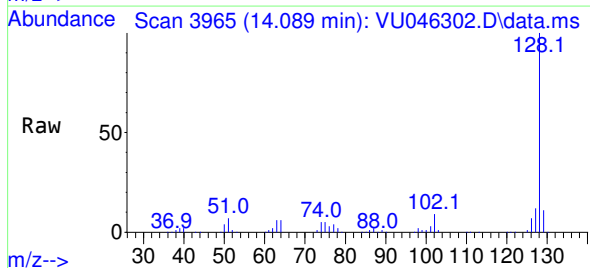




#71
Naphthalene
Concen: 54.66 ug/L
RT: 14.089 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	334425
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.70 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046302.D
Acq: 13 Dec 2021 09:55

Tgt Ion:	180	Resp:	96273
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	34.5	27.3	40.9

