

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046122.D
 Acq On : 06 Dec 2021 19:27
 Operator : SY/MD
 Sample : M4883-12ME
 Misc : 3.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:13:13 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

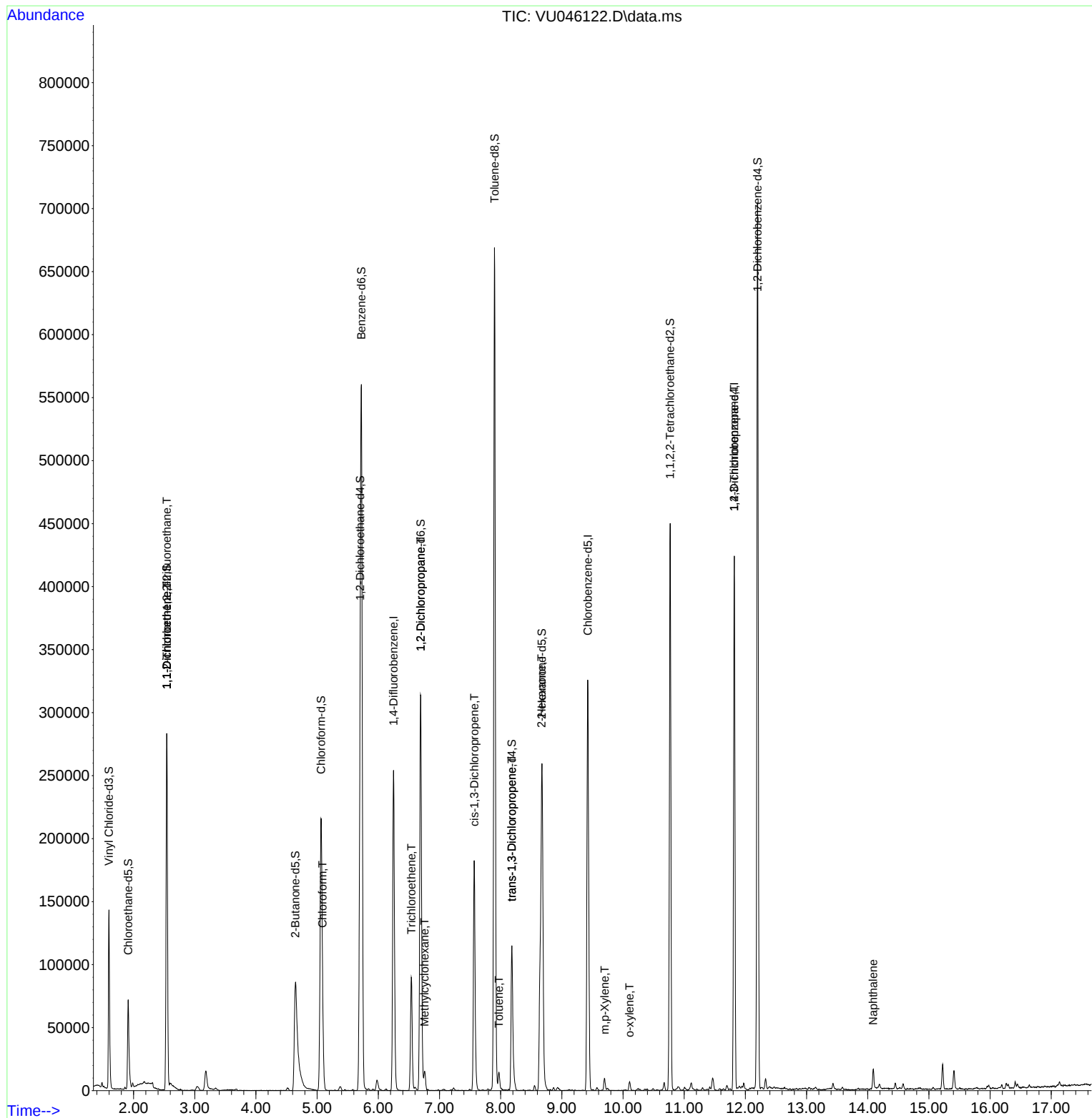
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230879	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	224926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	115543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	118089	62.091	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 124.180%		
7) Chloroethane-d5	1.913	69	64468	44.149	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 88.300%		
11) 1,1-Dichloroethene-d2	2.543	63	168391	49.321	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	= 98.640%		
21) 2-Butanone-d5	4.646	46	213288	141.074	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 141.070%#		
24) Chloroform-d	5.064	84	208931	65.784	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 131.560%#		
26) 1,2-Dichloroethane-d4	5.703	65	157548	73.915	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 147.840%#		
32) Benzene-d6	5.723	84	513062	79.584	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 159.160%#		
36) 1,2-Dichloropropane-d6	6.694	67	162585	81.375	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 162.760%#		
41) Toluene-d8	7.899	98	474466	80.832	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 161.660%#		
43) trans-1,3-Dichloroprop...	8.182	79	81238	84.229	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 168.460%#		
47) 2-Hexanone-d5	8.674	63	164371	173.513	ug/L	0.04
Spiked Amount	100.000	Range 45 - 130	Recovery	= 173.510%#		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	229072	75.601	ug/L	0.01
Spiked Amount	50.000	Range 65 - 120	Recovery	= 151.200%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	188515	84.720	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 169.440%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1777	1.058	ug/L #	21
12) 1,1-Dichloroethene	2.543	96	1442	0.903	ug/L #	1
25) Chloroform	5.089	83	35929	10.527	ug/L	94
34) Trichloroethene	6.543	95	29593	16.501	ug/L	95
35) Methylcyclohexane	6.755	83	6646	2.390	ug/L	96
37) 1,2-Dichloropropane	6.694	63	17228	9.661	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	4724	1.741	ug/L #	58
42) Toluene	7.970	91	11535	1.579	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	3519	1.321	ug/L #	82
48) 2-Hexanone	8.671	43	16964	7.240	ug/L #	44
53) m,p-Xylene	9.700	106	3317	1.082	ug/L	96
54) o-xylene	10.108	106	2332	0.784	ug/L	84
60) 1,2,3-Trichloropropane	11.819	75	13056	5.155	ug/L #	65
71) Naphthalene	14.089	128	13125	1.634	ug/L	100

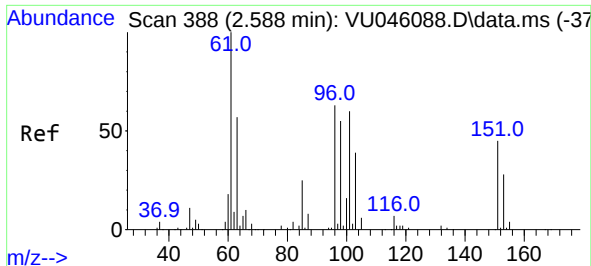
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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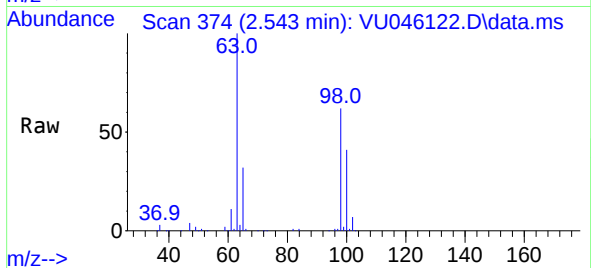
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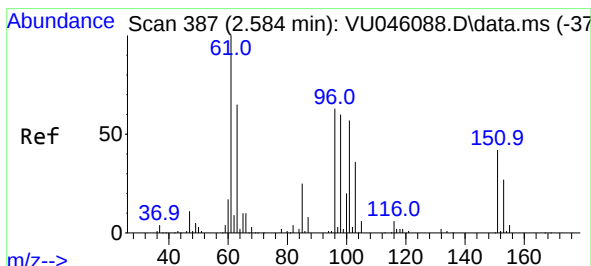
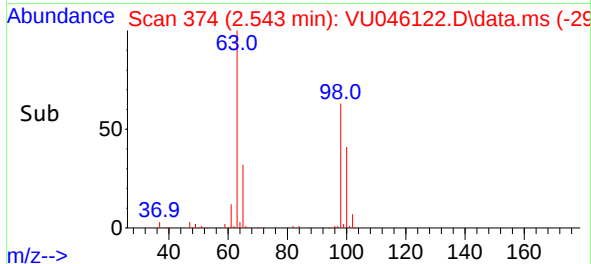
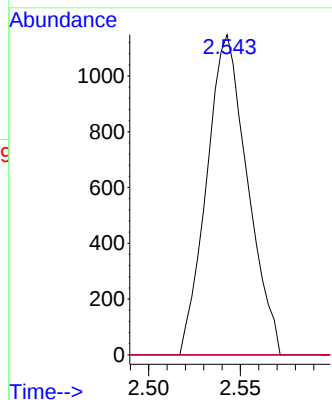


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.058 ug/L
RT: 2.543 min Scan# 31
Delta R.T. -0.045 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

Instrument :
MSVOA_U
ClientSampleId :

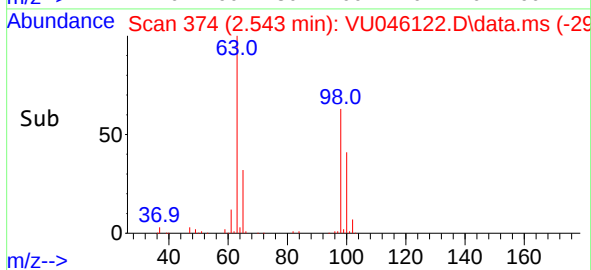
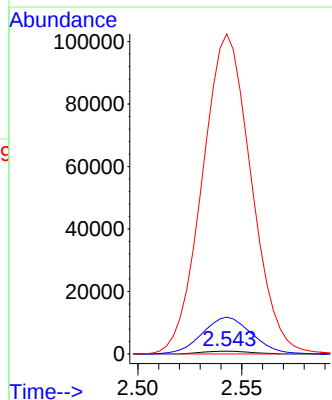
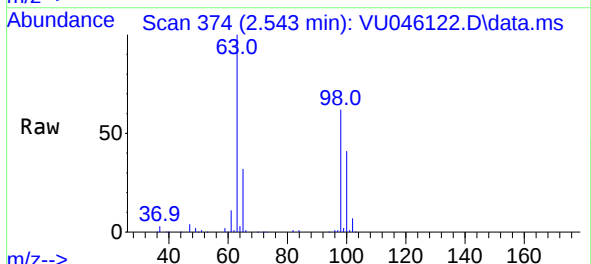


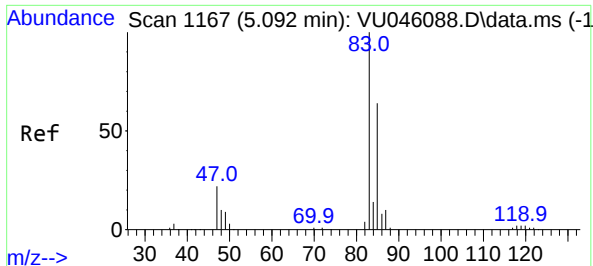
Tgt Ion:101 Resp: 1777
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.903 ug/L
RT: 2.543 min Scan# 374
Delta R.T. -0.042 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

Tgt Ion: 96 Resp: 1442
Ion Ratio Lower Upper
96 100
61 1314.6 118.6 220.2#
63 11445.8 93.0 172.8#





#25

Chloroform

Concen: 10.527 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046122.D

Acq: 06 Dec 2021 19:27

Instrument :

MSVOA_U

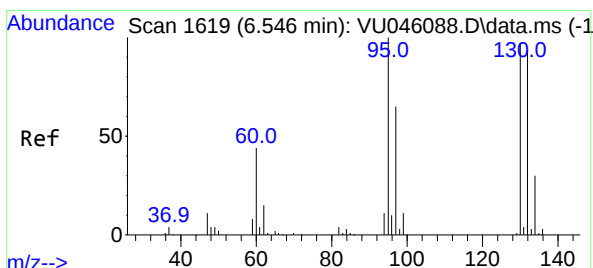
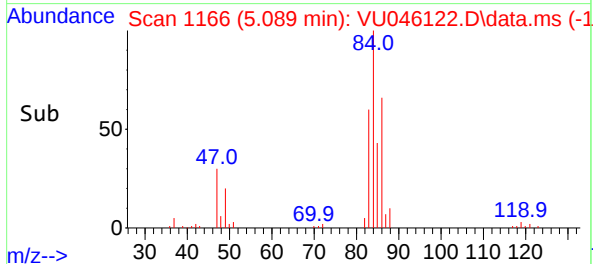
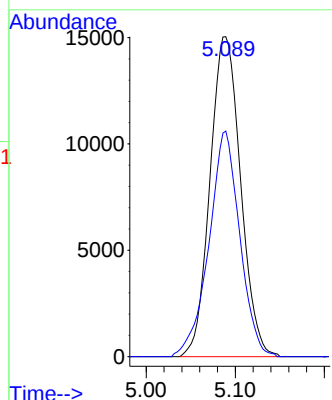
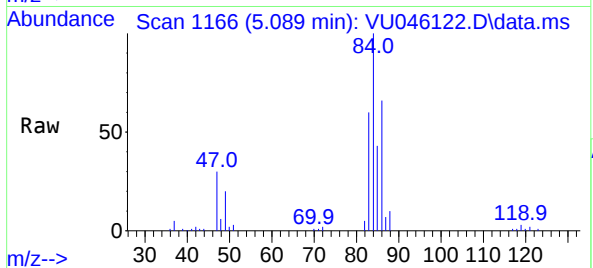
ClientSampleId :

Tgt Ion: 83 Resp: 35929

Ion Ratio Lower Upper

83 100

85 70.5 45.8 85.2



#34

Trichloroethene

Concen: 16.501 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046122.D

Acq: 06 Dec 2021 19:27

Tgt Ion: 95 Resp: 29593

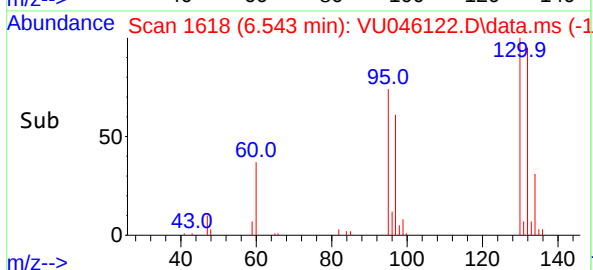
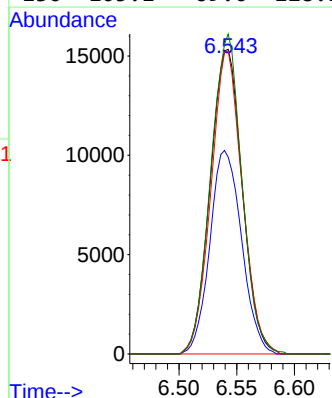
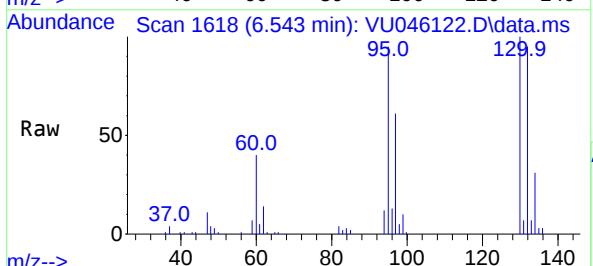
Ion Ratio Lower Upper

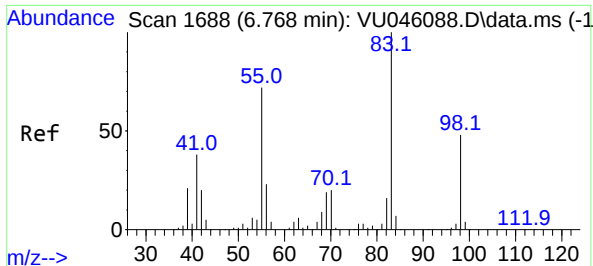
95 100

97 64.6 44.1 81.9

132 99.5 66.8 124.0

130 105.1 69.0 128.1

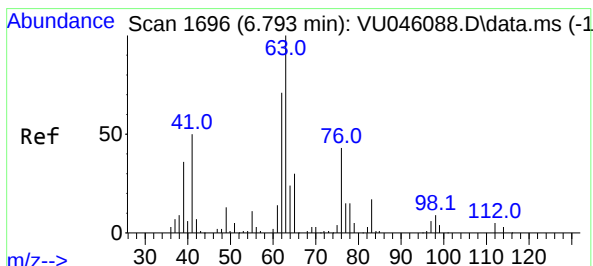
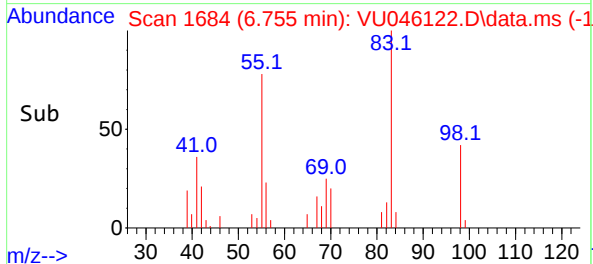
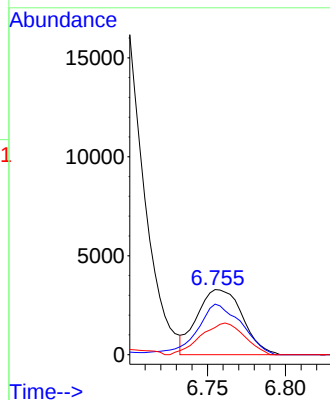
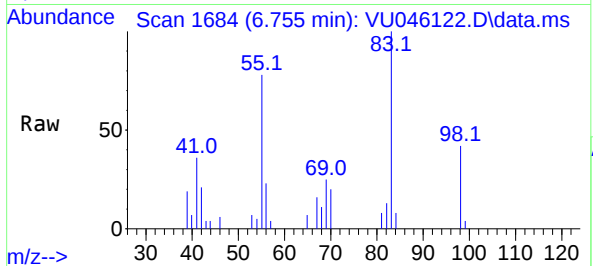




#35
Methylcyclohexane
Concen: 2.390 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.013 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

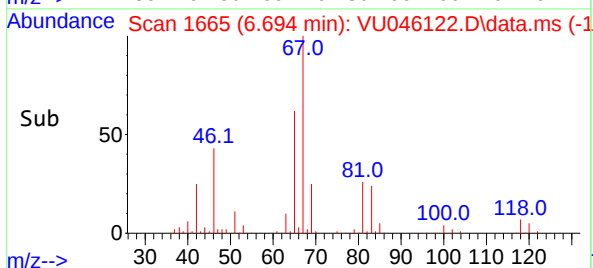
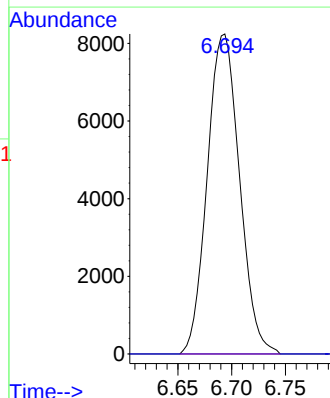
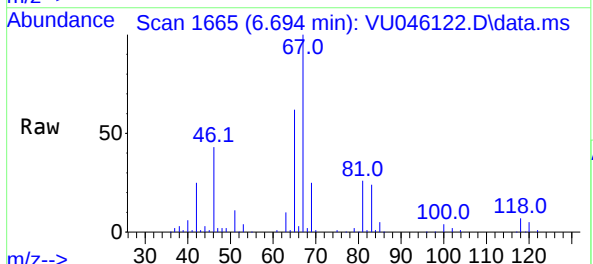
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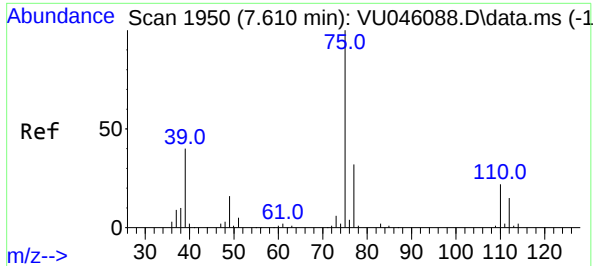
Tgt Ion: 83 Resp: 6646
Ion Ratio Lower Upper
83 100
55 77.2 57.8 86.6
98 46.6 38.4 57.6



#37
1,2-Dichloropropane
Concen: 9.661 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

Tgt Ion: 63 Resp: 17228
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

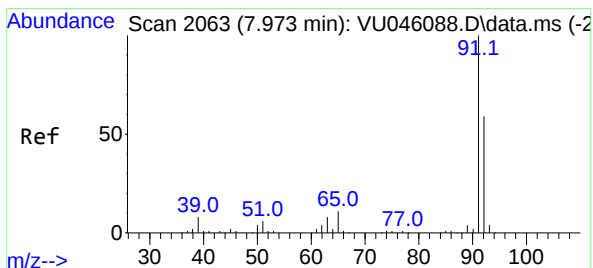
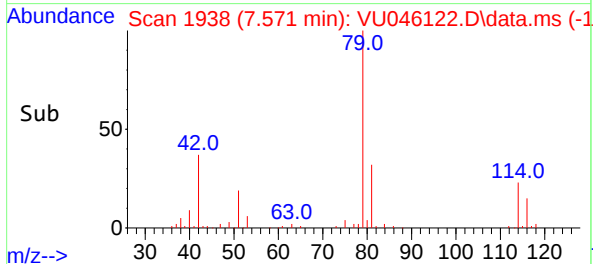
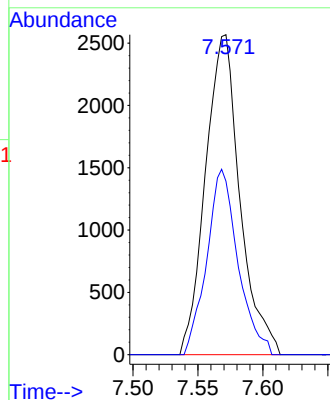
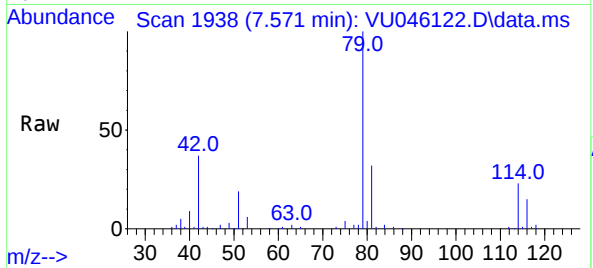




#39
 cis-1,3-Dichloropropene
 Concen: 1.741 ug/L
 RT: 7.571 min Scan# 1950
 Delta R.T. -0.038 min
 Lab File: VU046122.D
 Acq: 06 Dec 2021 19:27

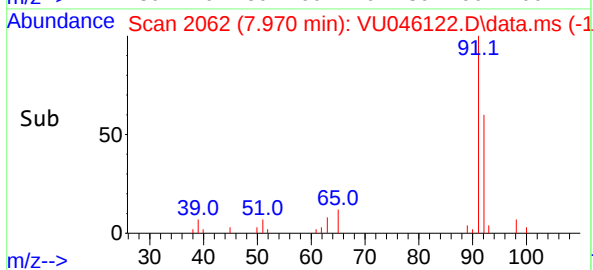
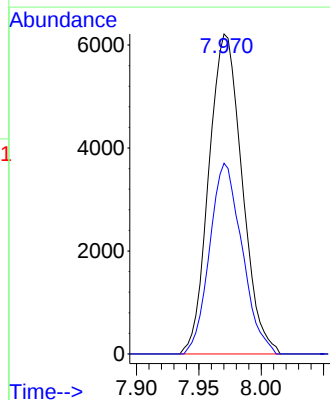
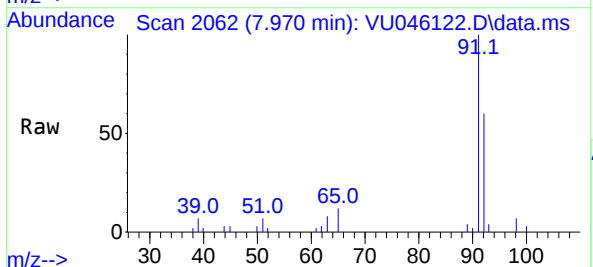
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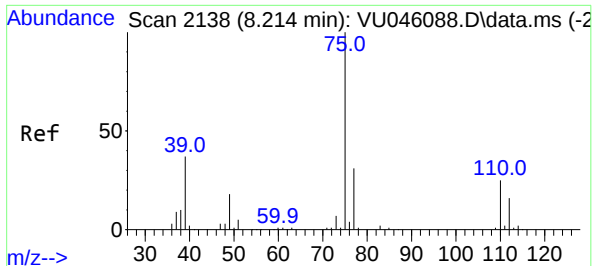
Tgt Ion: 75 Resp: 4724
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.8 40.6#



#42
 Toluene
 Concen: 1.579 ug/L
 RT: 7.970 min Scan# 2062
 Delta R.T. -0.003 min
 Lab File: VU046122.D
 Acq: 06 Dec 2021 19:27

Tgt Ion: 91 Resp: 11535
 Ion Ratio Lower Upper
 91 100
 92 59.6 41.9 77.7

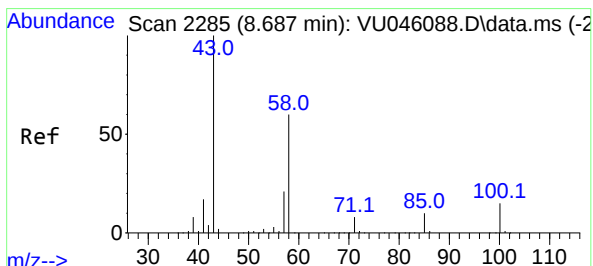
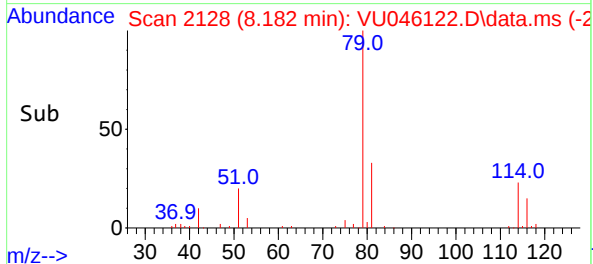
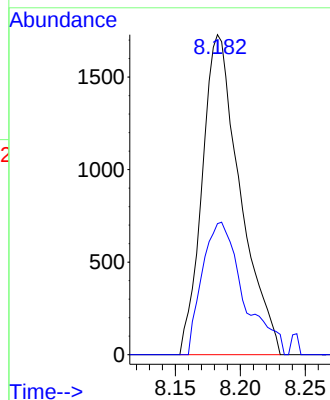
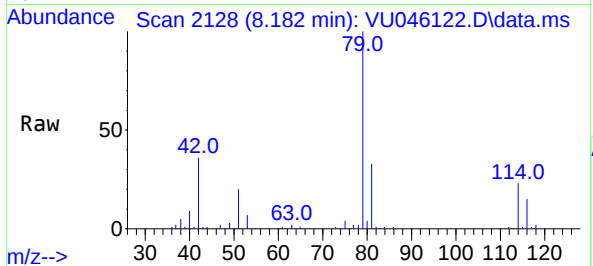




#44
trans-1,3-Dichloropropene
Concen: 1.321 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

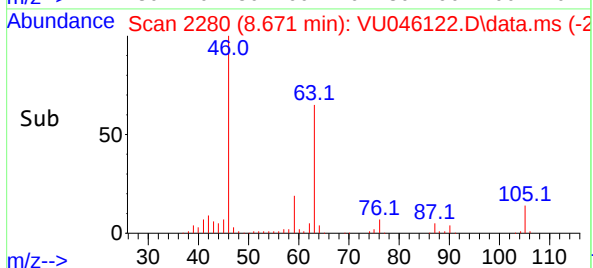
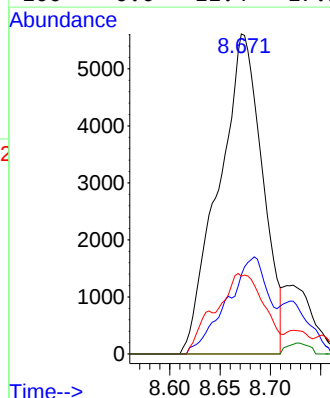
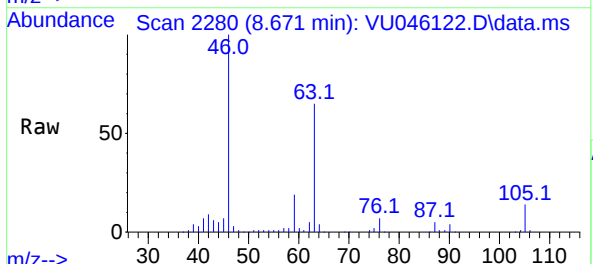
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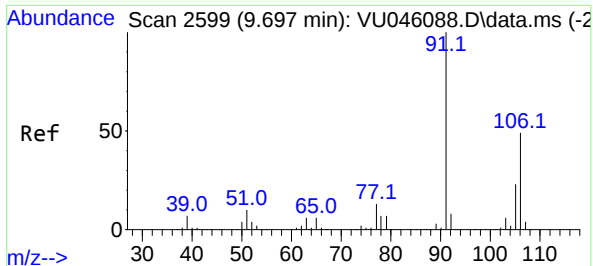
Tgt Ion: 75 Resp: 3519
Ion Ratio Lower Upper
75 100
77 40.9 21.7 40.3#



#48
2-Hexanone
Concen: 7.240 ug/L
RT: 8.671 min Scan# 2280
Delta R.T. -0.016 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

Tgt Ion: 43 Resp: 16964
Ion Ratio Lower Upper
43 100
58 8.2 47.4 71.2#
57 3.7 16.6 25.0#
100 0.0 11.4 17.2#

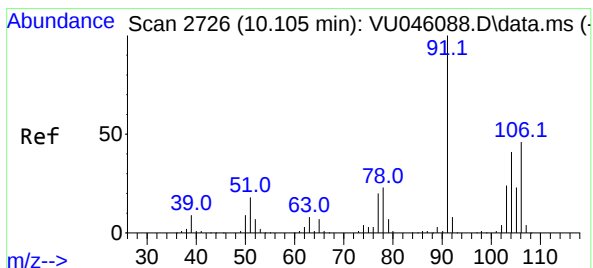
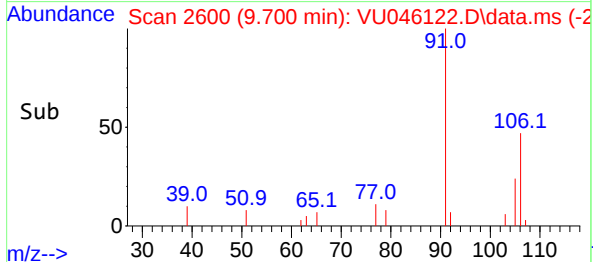
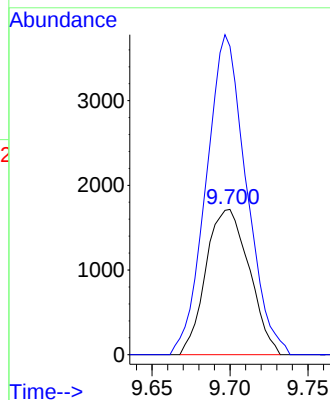
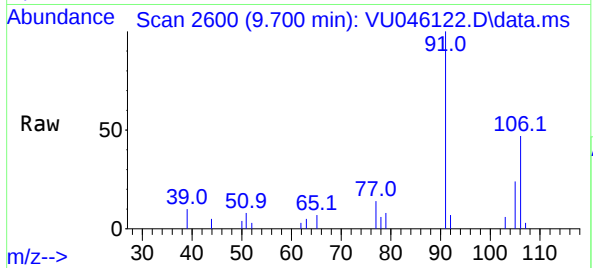




#53
m,p-Xylene
Concen: 1.082 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

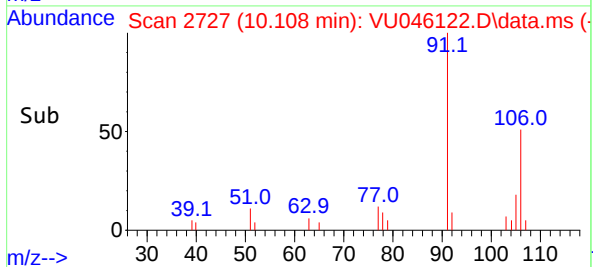
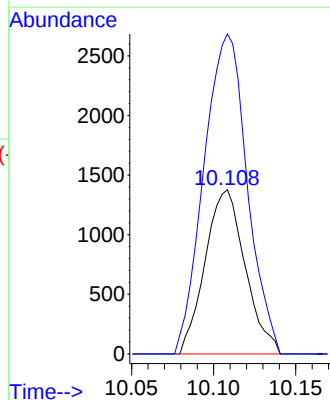
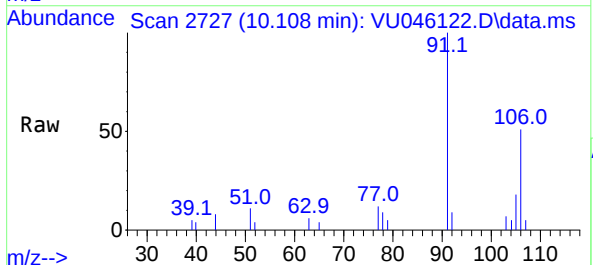
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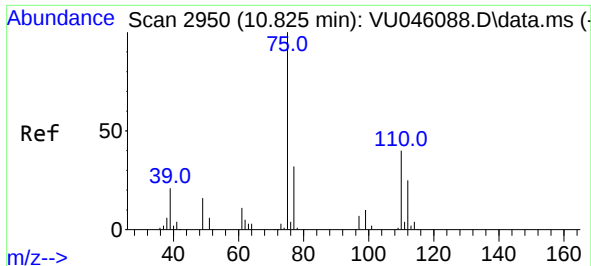
Tgt Ion:106 Resp: 3317
Ion Ratio Lower Upper
106 100
91 212.2 144.3 268.1



#54
o-xylene
Concen: 0.784 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

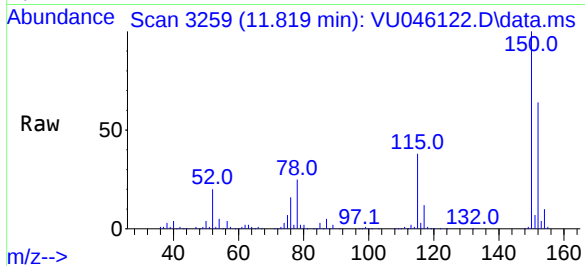
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Ion Ratio Lower Upper
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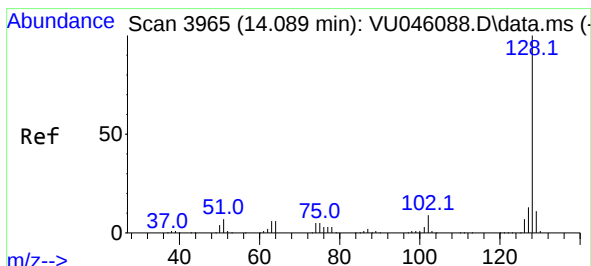
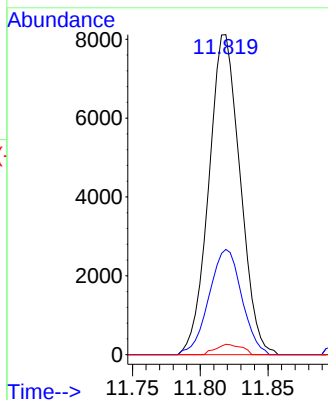
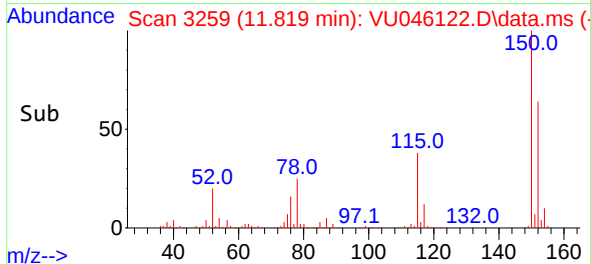


#60
1,2,3-Trichloropropane
Concen: 5.155 ug/L
RT: 11.819 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

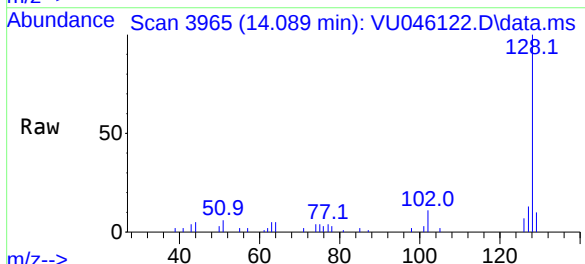
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 13056
Ion Ratio Lower Upper
75 100
77 34.4 26.4 39.6
110 2.7 32.4 48.6#



#71
Naphthalene
Concen: 1.634 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27



Tgt Ion: 128 Resp: 13125
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.7 8.6 13.0

