

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044803.D
 Acq On : 24 Sep 2021 11:41
 Operator : SY/MD
 Sample : M3873-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:37:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

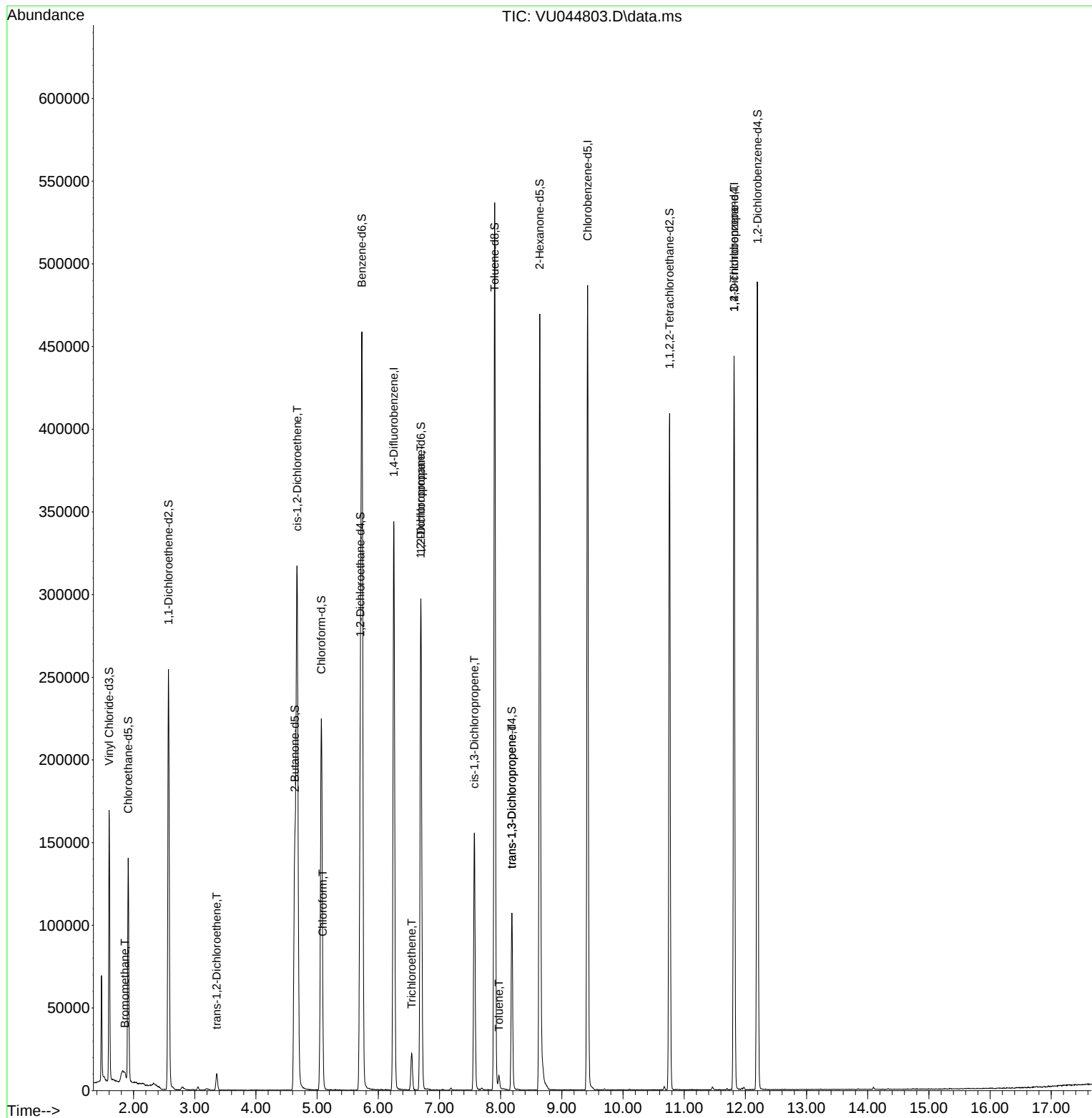
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	261124	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	251131	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	110010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	114219	39.957	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.912	69	99797	44.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.120%		
11) 1,1-Dichloroethene-d2	2.572	63	153679	32.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.020%		
21) 2-Butanone-d5	4.636	46	239961	106.183	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.180%		
24) Chloroform-d	5.070	84	201133	44.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.100%		
26) 1,2-Dichloroethane-d4	5.707	65	142653	46.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.300%		
32) Benzene-d6	5.732	84	403607	46.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.640%		
36) 1,2-Dichloropropane-d6	6.697	67	134692	47.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	7.903	98	334735	44.512	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.020%		
43) trans-1,3-Dichloroprop...	8.182	79	57690	45.643	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.280%		
47) 2-Hexanone-d5	8.639	63	161571	102.610	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.610%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	200070	45.218	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	118941	49.680	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.360%		
Target Compounds						Qvalue
6) Bromomethane	1.858	94	777	0.531	ug/L	92
17) trans-1,2-Dichloroethene	3.359	96	3951	1.855	ug/L	96
20) cis-1,2-Dichloroethene	4.674	96	144041	61.366	ug/L	96
25) Chloroform	5.092	83	1786	0.405	ug/L #	70
34) Trichloroethene	6.546	95	6643	2.969	ug/L	91
37) 1,2-Dichloropropane	6.694	63	14729	5.808	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3657	1.008	ug/L #	74
42) Toluene	7.973	91	5217	0.551	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	2704	0.784	ug/L #	79
60) 1,2,3-Trichloropropane	11.816	75	15141	4.976	ug/L #	69

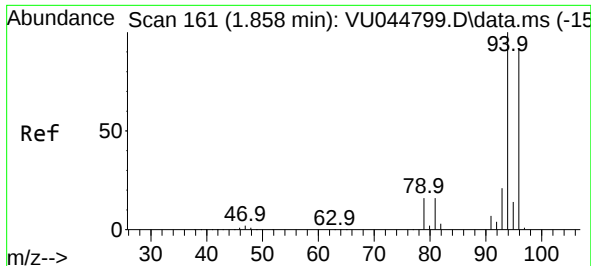
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 25 02:37:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 25 02:36:00 2021
Response via : Initial Calibration

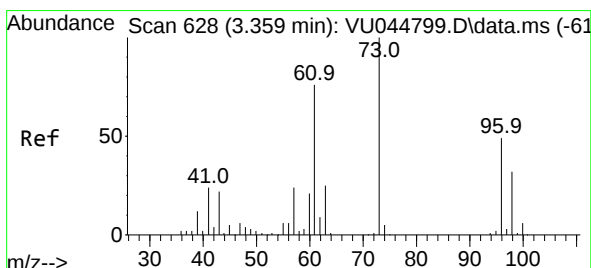
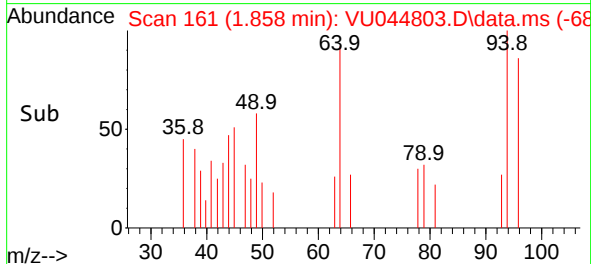
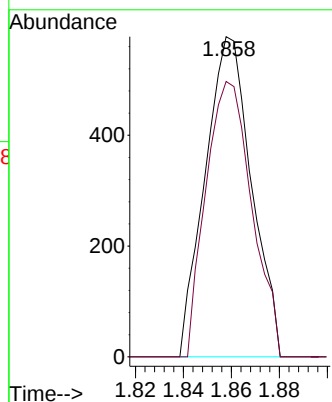
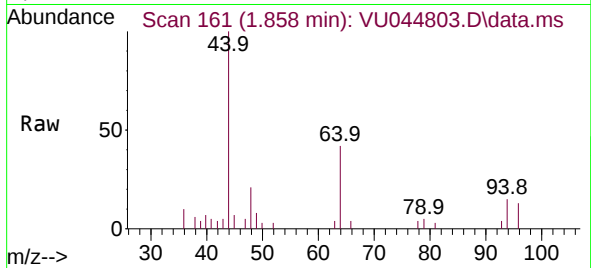




#6
Bromomethane
Concen: 0.531 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

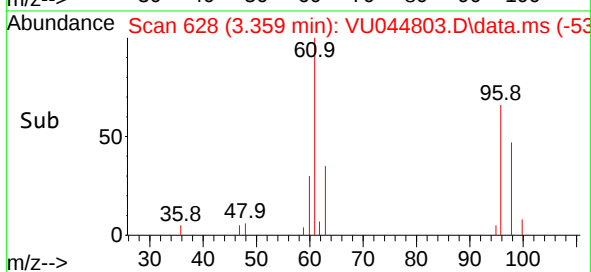
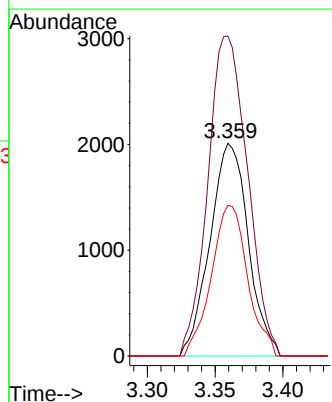
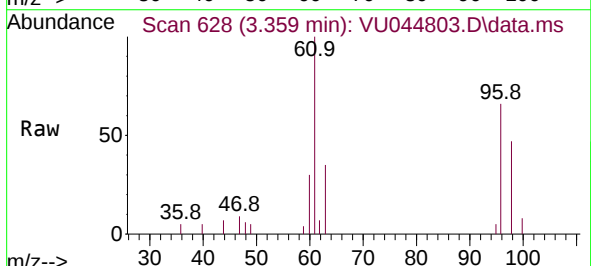
Instrument :
MSVOA_U
ClientSampled :

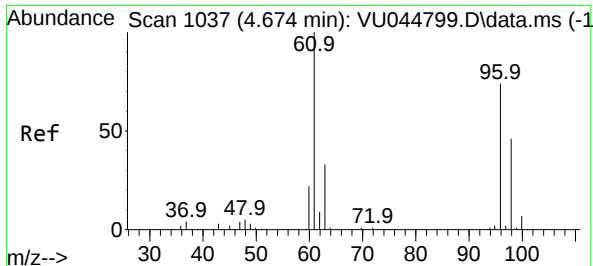
Tgt Ion: 94 Resp: 777
Ion Ratio Lower Upper
94 100
96 86.0 65.7 121.9



#17
trans-1,2-Dichloroethene
Concen: 1.855 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

Tgt Ion: 96 Resp: 3951
Ion Ratio Lower Upper
96 100
61 150.5 105.1 195.3
98 70.8 43.0 79.8

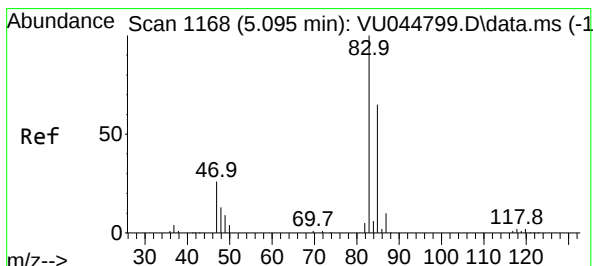
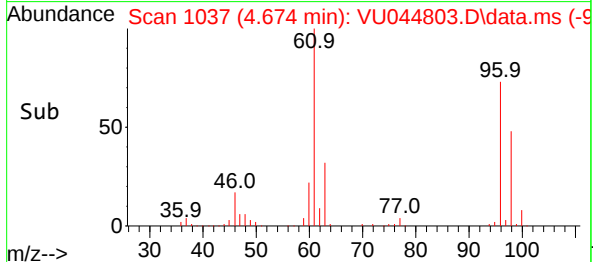
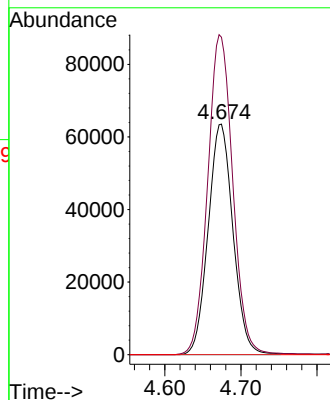
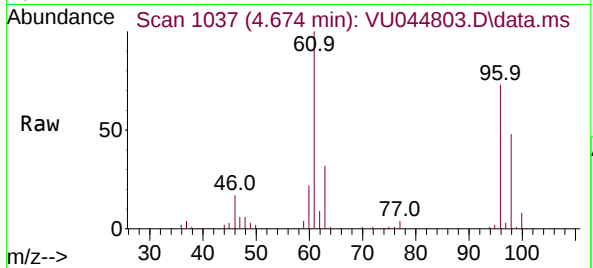




#20
cis-1,2-Dichloroethene
Concen: 61.366 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

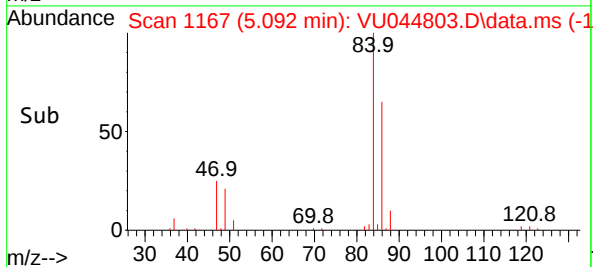
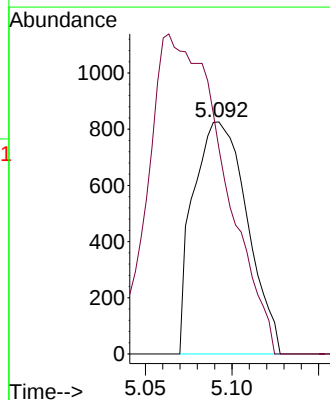
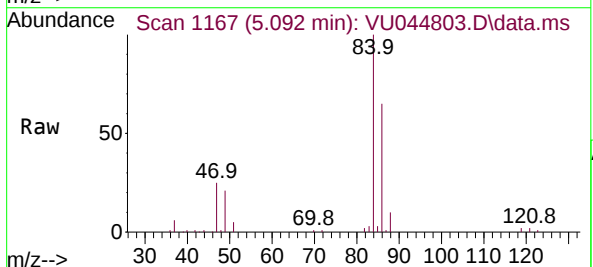
Instrument :
MSVOA_U
ClientSampled :

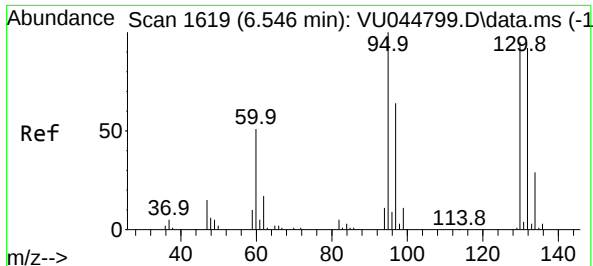
Tgt Ion: 96 Resp: 144041
Ion Ratio Lower Upper
96 100
61 137.7 100.2 186.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.405 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

Tgt Ion: 83 Resp: 1786
Ion Ratio Lower Upper
83 100
85 88.6 45.6 84.6#





#34

Trichloroethene

Concen: 2.969 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU044803.D

Acq: 24 Sep 2021 11:41

Tgt Ion: 95 Resp: 6643

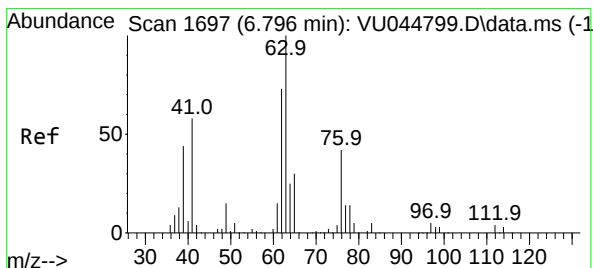
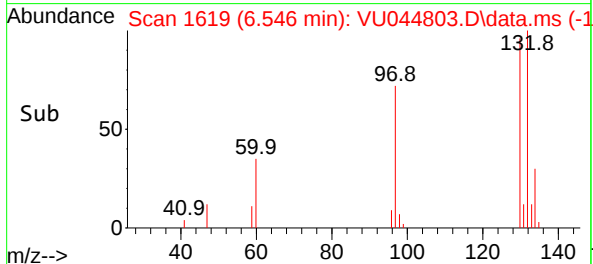
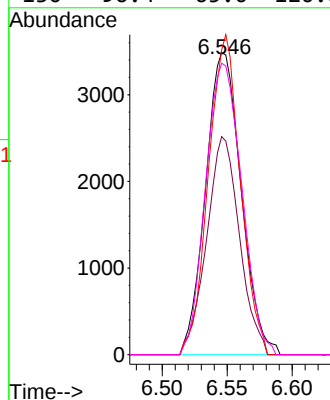
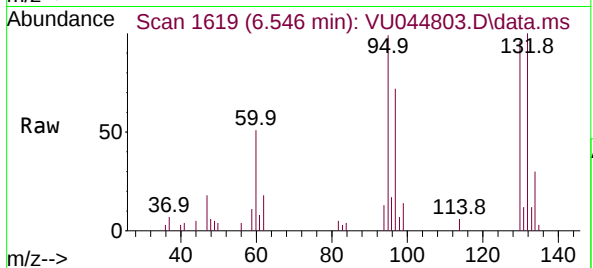
Ion Ratio Lower Upper

95 100

97 72.2 44.4 82.4

132 100.9 62.9 116.9

130 96.4 65.0 120.8



#37

1,2-Dichloropropane

Concen: 5.808 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU044803.D

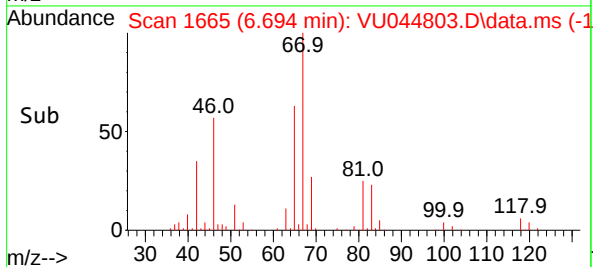
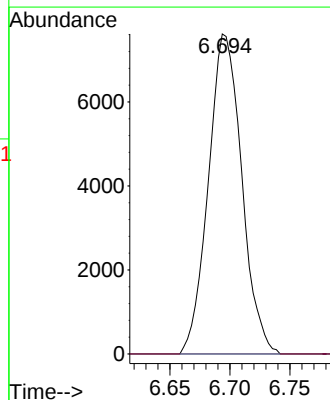
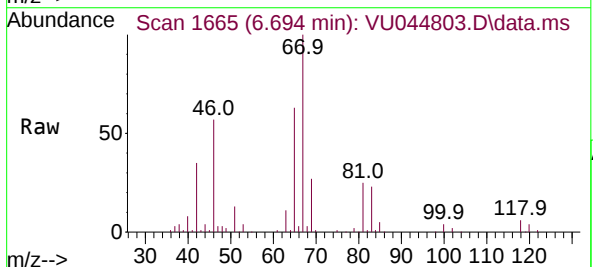
Acq: 24 Sep 2021 11:41

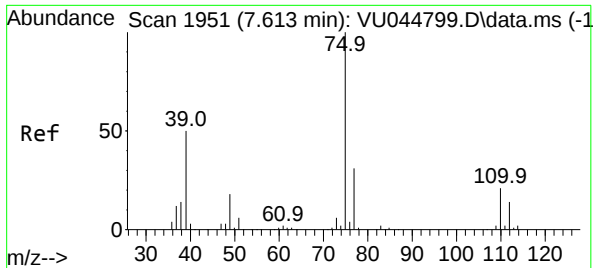
Tgt Ion: 63 Resp: 14729

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



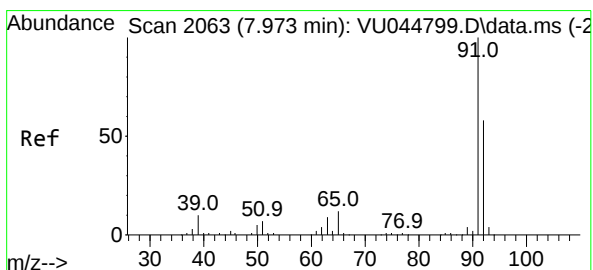
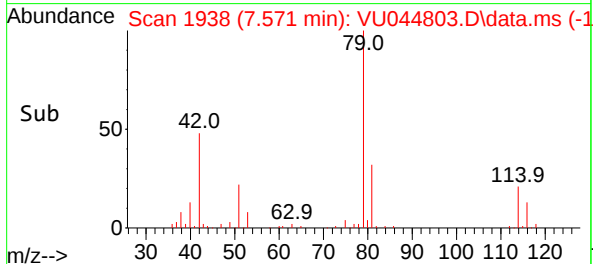
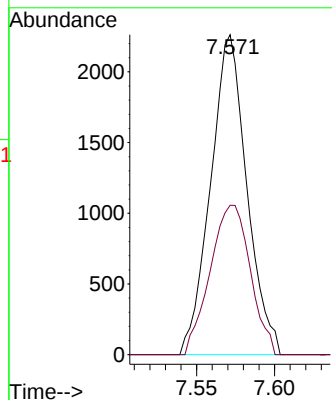
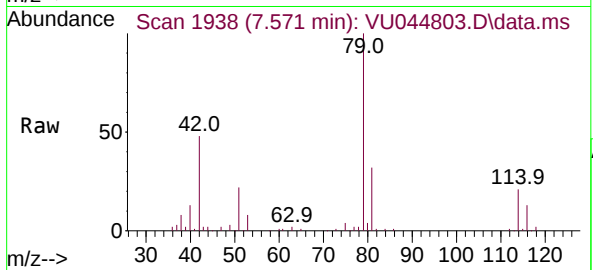


#39

cis-1,3-Dichloropropene
Concen: 1.008 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

Instrument :
MSVOA_U
ClientSampled :

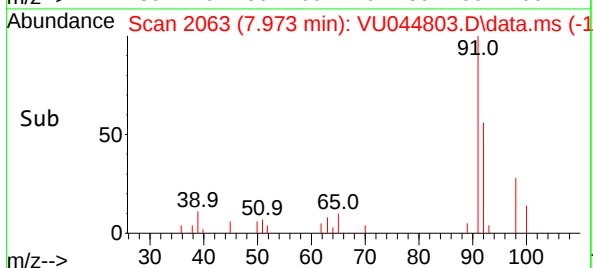
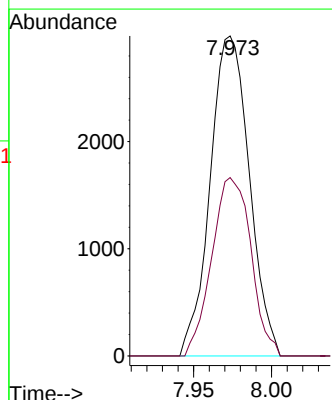
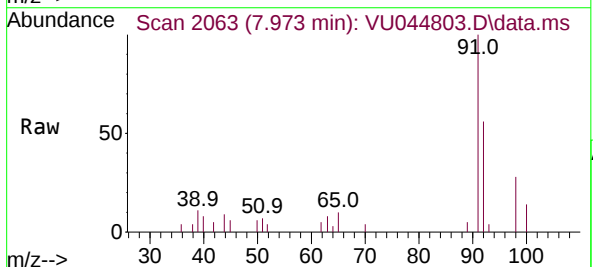
Tgt Ion: 75 Resp: 3657
Ion Ratio Lower Upper
75 100
77 46.7 22.4 41.6#

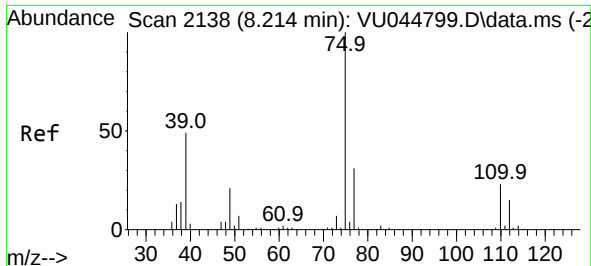


#42

Toluene
Concen: 0.551 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

Tgt Ion: 91 Resp: 5217
Ion Ratio Lower Upper
91 100
92 55.8 40.5 75.1

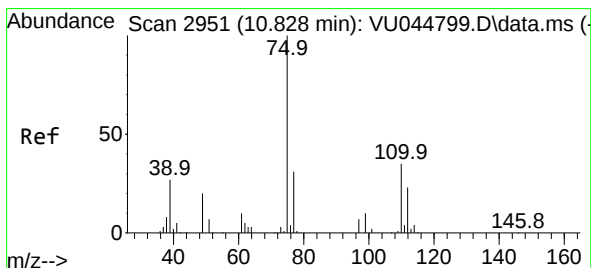
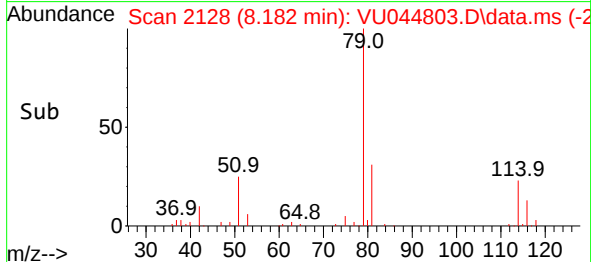
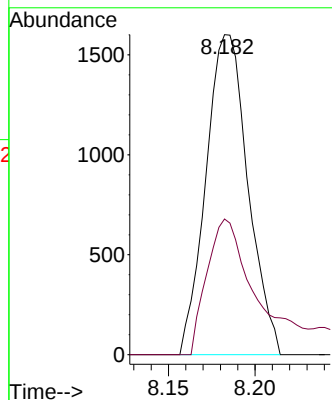
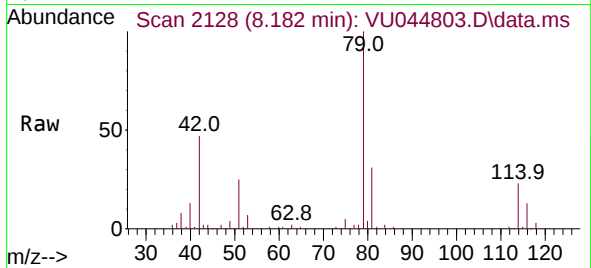




#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2704
Ion Ratio Lower Upper
75 100
77 42.4 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 4.976 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044803.D
Acq: 24 Sep 2021 11:41

Tgt Ion: 75 Resp: 15141
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
110 2.1 29.0 43.4#

