

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044802.D
 Acq On : 24 Sep 2021 11:18
 Operator : SY/MD
 Sample : M3873-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:37:29 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)

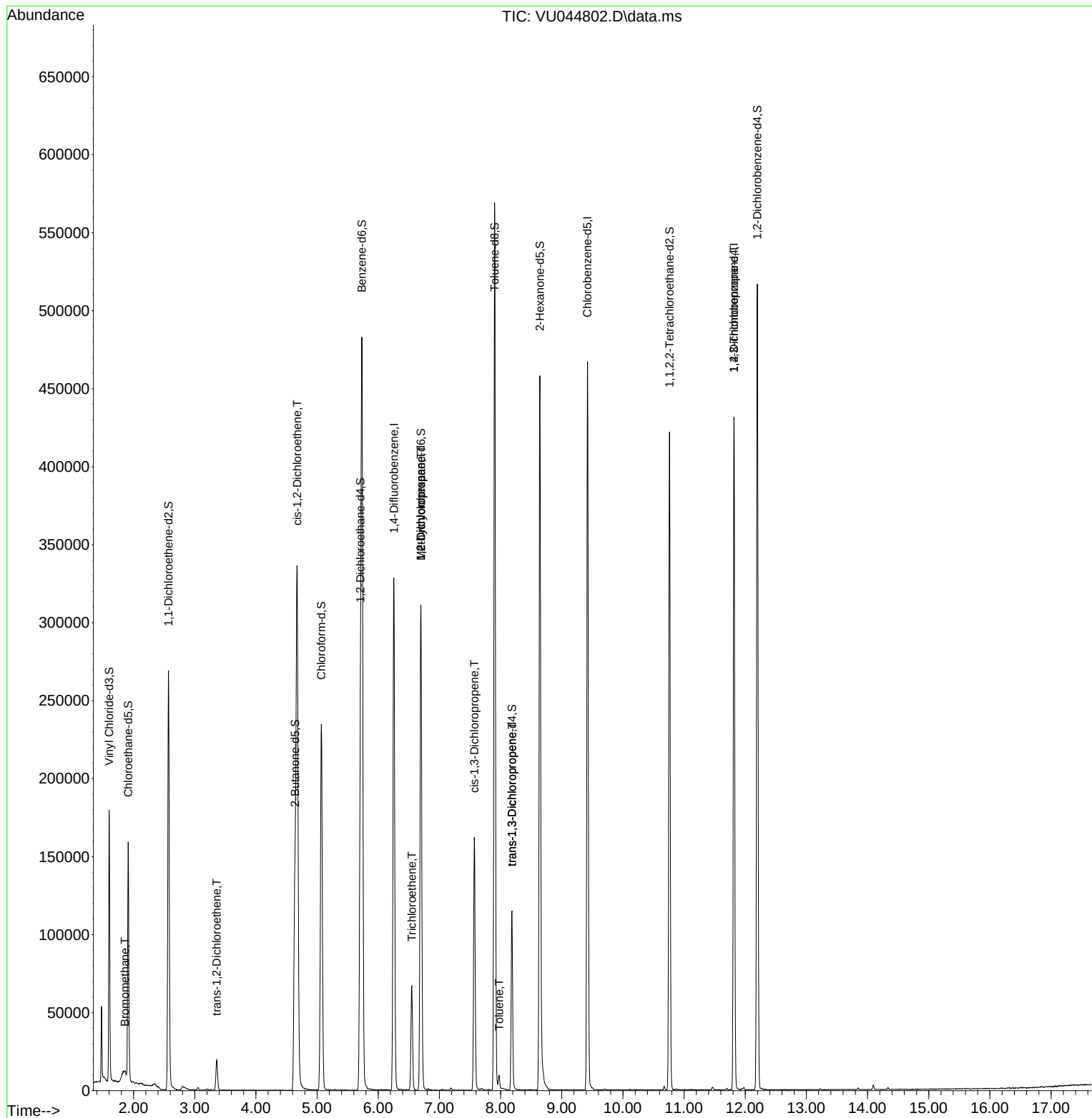
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	251455	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	243748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	105562	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121575	44.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.340%			
7) Chloroethane-d5	1.912	69	109560	50.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.460%			
11) 1,1-Dichloroethene-d2	2.572	63	164229	35.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.060%			
21) 2-Butanone-d5	4.639	46	236559	108.702	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.700%			
24) Chloroform-d	5.070	84	210395	48.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.780%			
26) 1,2-Dichloroethane-d4	5.710	65	148076	50.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.560%			
32) Benzene-d6	5.732	84	429099	50.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.460%			
36) 1,2-Dichloropropane-d6	6.697	67	141234	51.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.420%			
41) Toluene-d8	7.903	98	355389	48.689	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.380%			
43) trans-1,3-Dichloroprop...	8.185	79	60644	49.434	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.860%			
47) 2-Hexanone-d5	8.642	63	160577	105.067	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.070%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209549	48.795	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.580%			
66) 1,2-Dichlorobenzene-d4	12.198	152	125512	54.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.260%			
Target Compounds						Qvalue
6) Bromomethane	1.858	94	880	0.624	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	7943	3.872	ug/L	96
20) cis-1,2-Dichloroethene	4.674	96	149329	66.065	ug/L	97
34) Trichloroethene	6.549	95	22398	10.315	ug/L	97
35) Methylcyclohexane	6.697	83	32508	8.942	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	15566	6.324	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3913	1.111	ug/L #	70
42) Toluene	7.976	91	5432	0.591	ug/L	87
44) trans-1,3-Dichloropropene	8.185	75	2663	0.795	ug/L	84
60) 1,2,3-Trichloropropane	11.816	75	14588	4.996	ug/L #	69

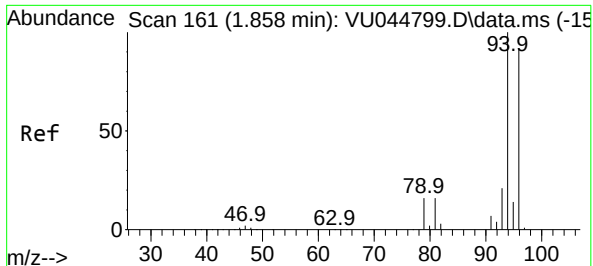
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 25 02:36:00 2021
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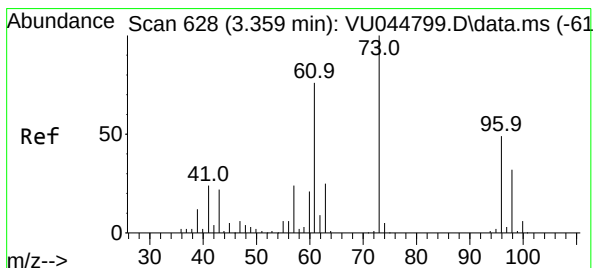
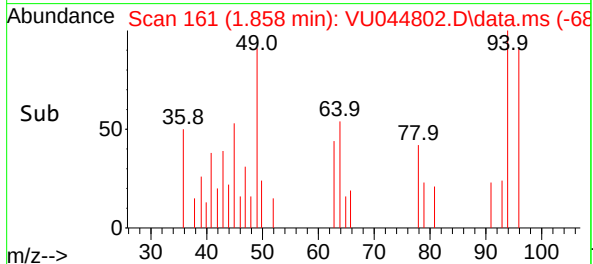
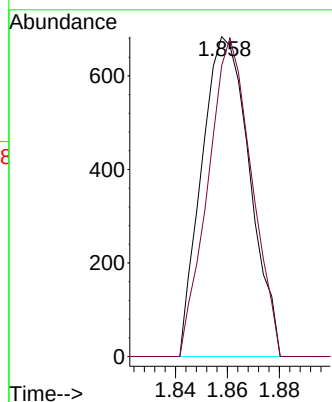
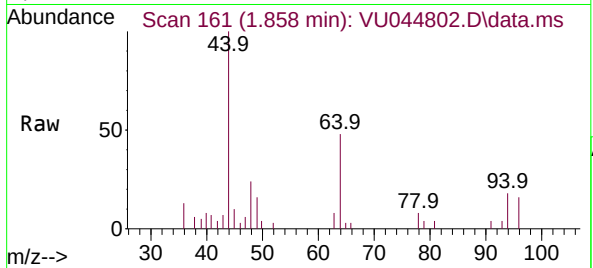




#6
Bromomethane
Concen: 0.624 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

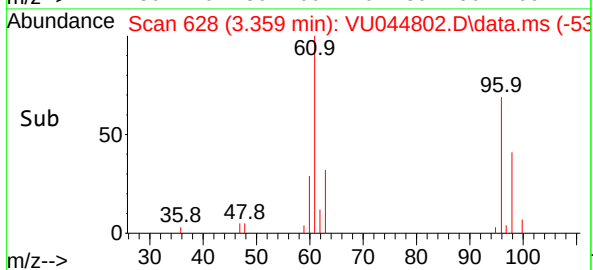
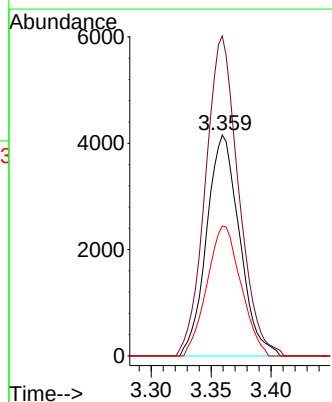
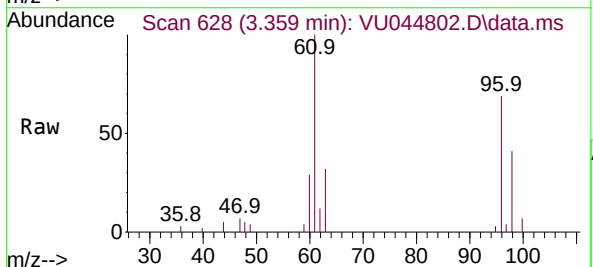
Instrument :
MSVOA_U
ClientSampled :

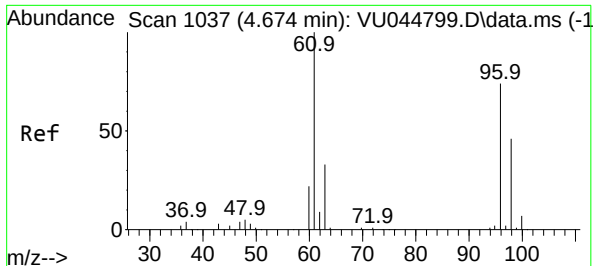
Tgt Ion: 94 Resp: 880
Ion Ratio Lower Upper
94 100
96 90.9 65.7 121.9



#17
trans-1,2-Dichloroethene
Concen: 3.872 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

Tgt Ion: 96 Resp: 7943
Ion Ratio Lower Upper
96 100
61 144.8 105.1 195.3
98 58.8 43.0 79.8

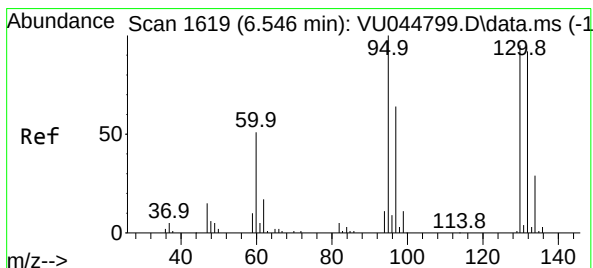
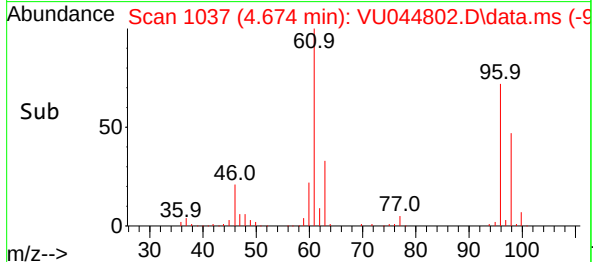
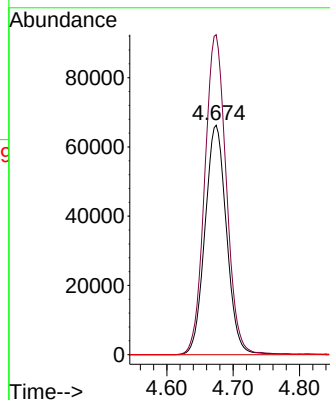
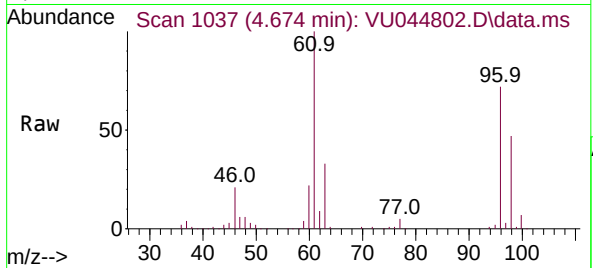




#20
cis-1,2-Dichloroethene
Concen: 66.065 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

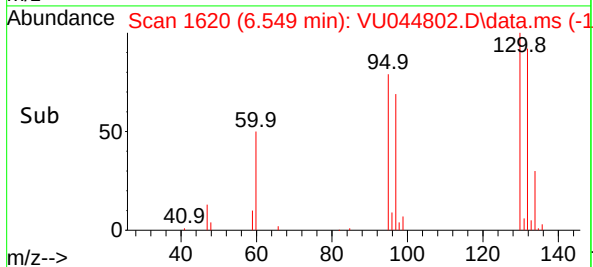
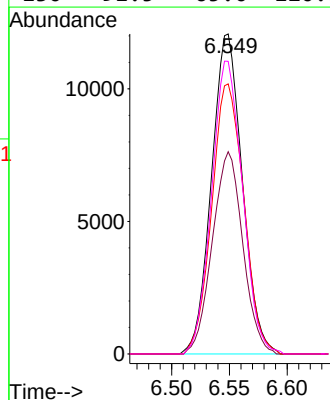
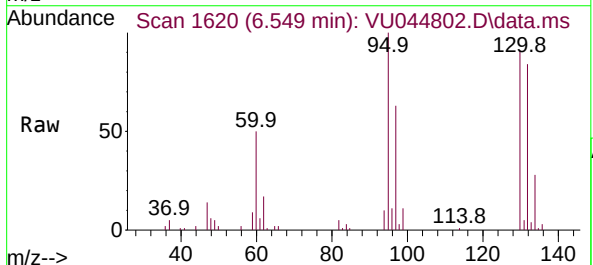
Instrument :
MSVOA_U
ClientSampled :

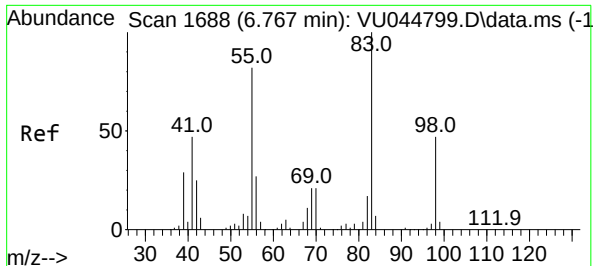
Tgt Ion: 96 Resp: 149329
Ion Ratio Lower Upper
96 100
61 139.4 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 10.315 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

Tgt Ion: 95 Resp: 22398
Ion Ratio Lower Upper
95 100
97 63.2 44.4 82.4
132 84.4 62.9 116.9
130 91.5 65.0 120.8





#35

Methylcyclohexane

Concen: 8.942 ug/L

RT: 6.697 min Scan# 1666

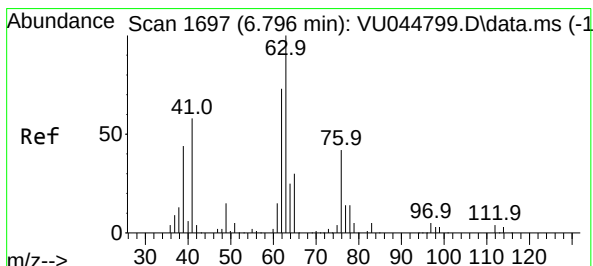
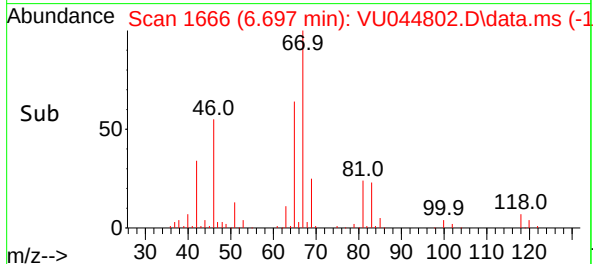
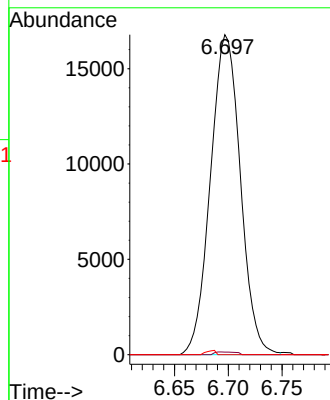
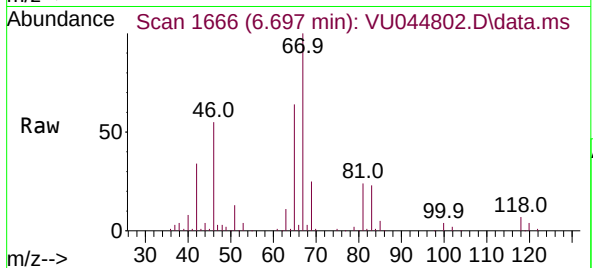
Delta R.T. -0.071 min

Lab File: VU044802.D

Acq: 24 Sep 2021 11:18

Tgt Ion:	83	Resp:	32508
Ion	Ratio	Lower	Upper
83	100		
55	0.6	65.8	98.6#
98	0.4	37.1	55.7#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 6.324 ug/L

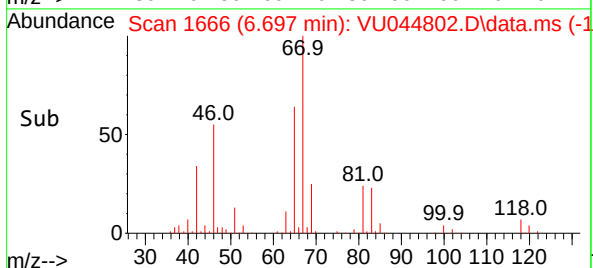
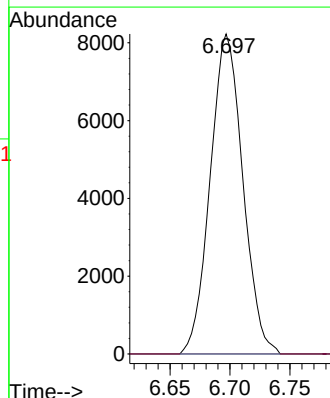
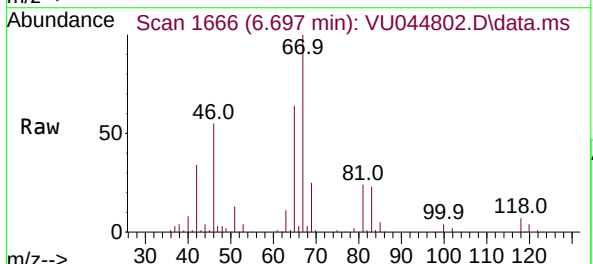
RT: 6.697 min Scan# 1666

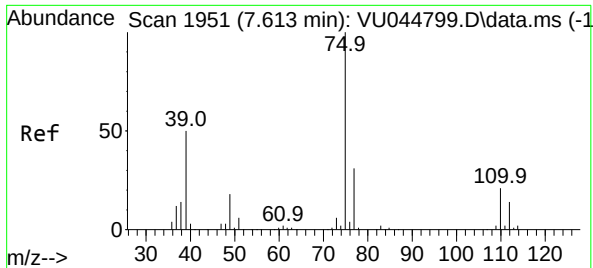
Delta R.T. -0.100 min

Lab File: VU044802.D

Acq: 24 Sep 2021 11:18

Tgt Ion:	63	Resp:	15566
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



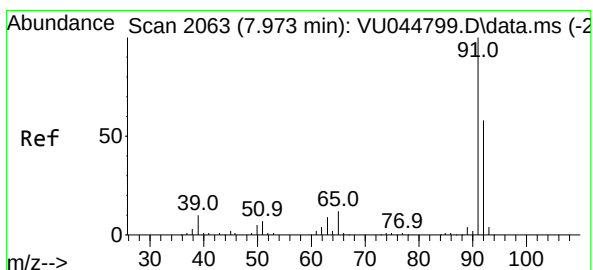
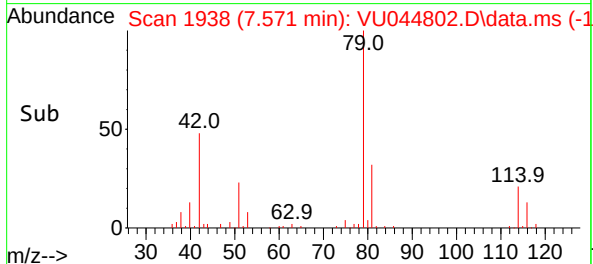
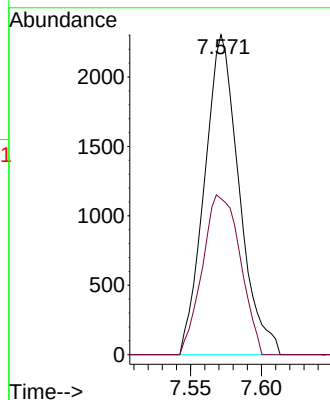
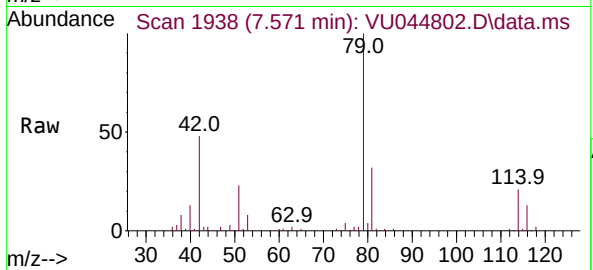


#39

cis-1,3-Dichloropropene
Concen: 1.111 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

Instrument :
MSVOA_U
ClientSampled :

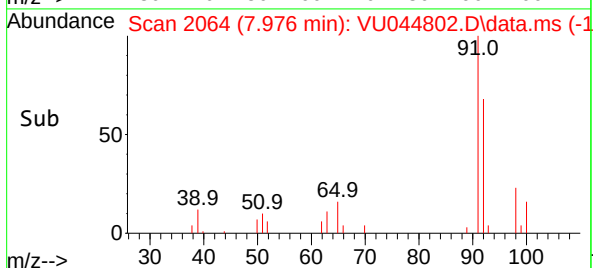
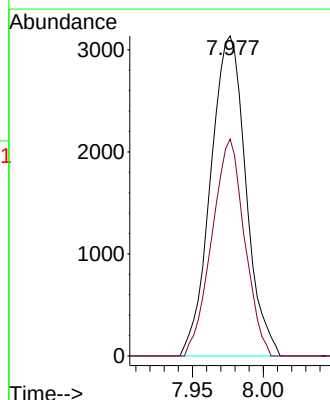
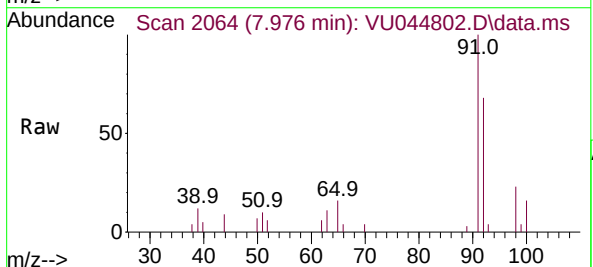
Tgt Ion: 75 Resp: 3913
Ion Ratio Lower Upper
75 100
77 48.8 22.4 41.6#

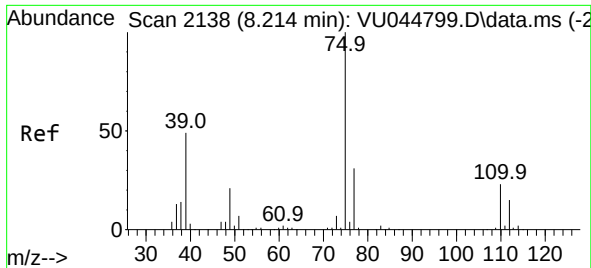


#42

Toluene
Concen: 0.591 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

Tgt Ion: 91 Resp: 5432
Ion Ratio Lower Upper
91 100
92 67.8 40.5 75.1

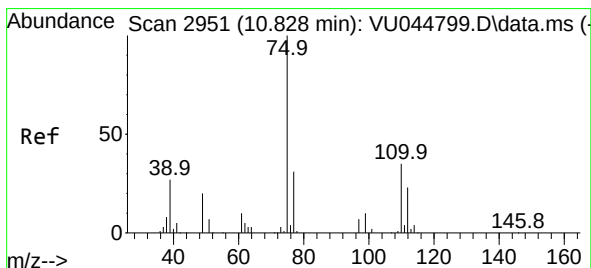
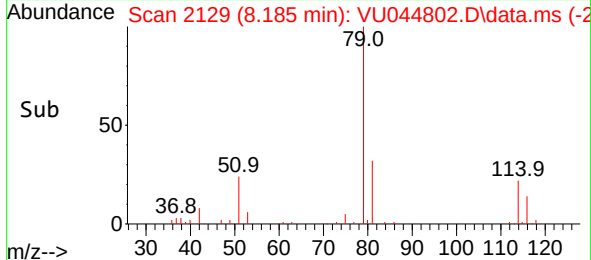
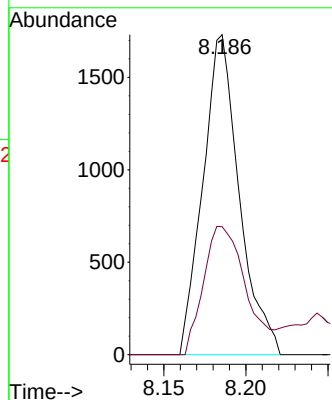
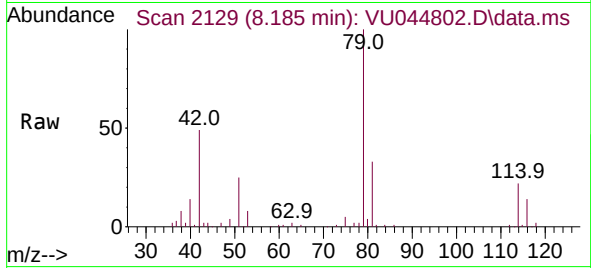




#44
trans-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2663
Ion Ratio Lower Upper
75 100
77 40.0 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.996 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044802.D
Acq: 24 Sep 2021 11:18

Tgt Ion: 75 Resp: 14588
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 1.7 29.0 43.4#

