

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044784.D
 Acq On : 23 Sep 2021 15:04
 Operator : SY/MD
 Sample : M3873-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

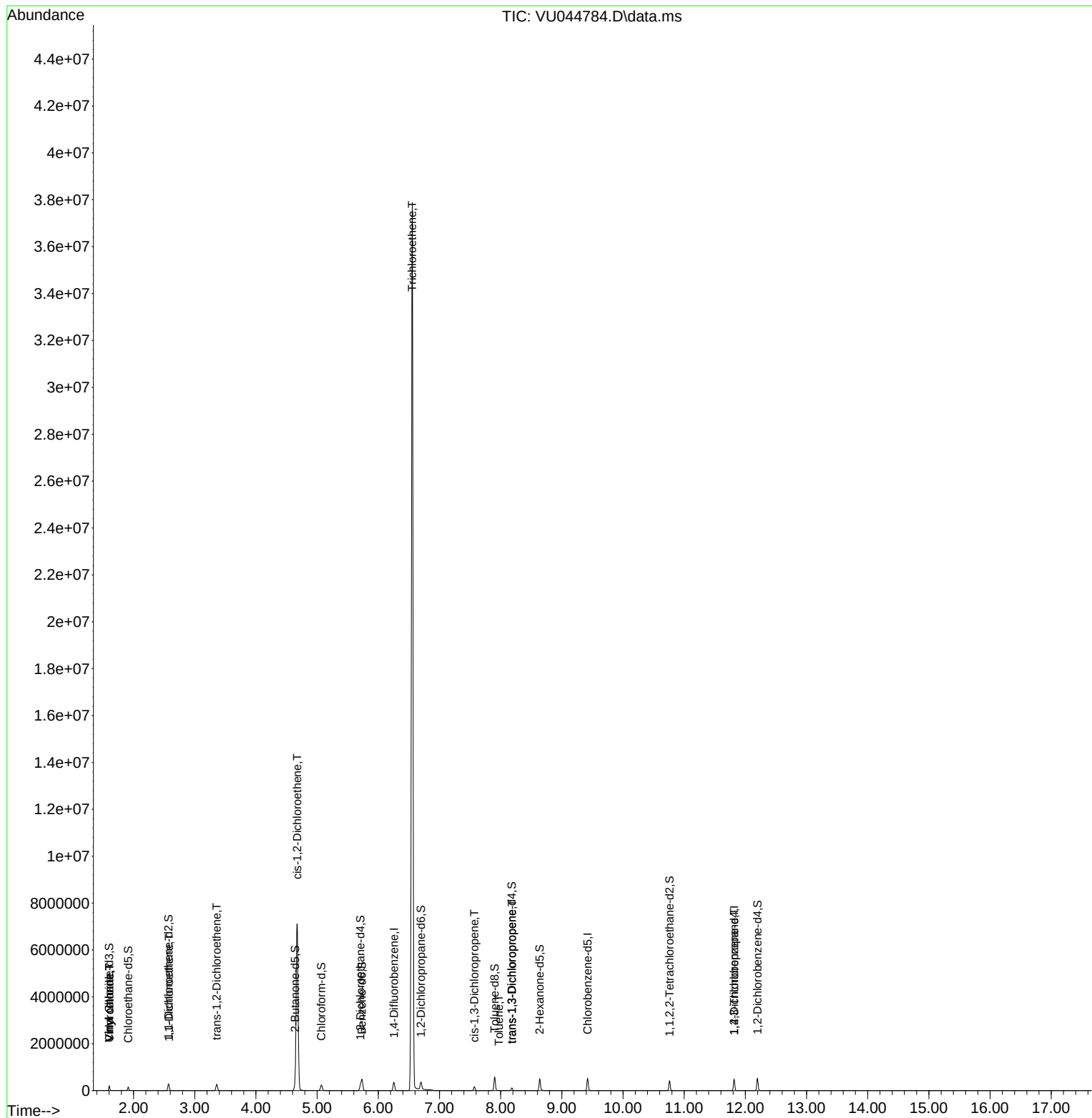
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	271625	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	266464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	117526	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	129932	43.697	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.400%		
7) Chloroethane-d5	1.912	69	106757	45.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.620%		
11) 1,1-Dichloroethene-d2	2.571	63	174641	34.973	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.940%		
21) 2-Butanone-d5	4.639	46	252004	107.201	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.200%		
24) Chloroform-d	5.070	84	208397	44.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.740%		
26) 1,2-Dichloroethane-d4	5.706	65	149133	46.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
32) Benzene-d6	5.732	84	427917	46.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.560%		
36) 1,2-Dichloropropane-d6	6.697	67	136288	45.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.420%		
41) Toluene-d8	7.902	98	360119	45.132	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.260%		
43) trans-1,3-Dichloroprop...	8.182	79	61221	45.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.300%		
47) 2-Hexanone-d5	8.639	63	170006	101.754	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.750%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206707	44.030	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.060%		
66) 1,2-Dichlorobenzene-d4	12.198	152	125821	49.193	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.380%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	12238	3.853	ug/L #	76
8) Chloroethane	1.607	64	5999	3.009	ug/L	84
12) 1,1-Dichloroethene	2.581	96	5429	2.581	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	106531	48.078	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	3488547	1428.774	ug/L	97
34) Trichloroethene	6.555	95	12777549	5382.729	ug/L	96
39) cis-1,3-Dichloropropene	7.571	75	4071	1.057	ug/L #	69
42) Toluene	7.973	91	6409	0.638	ug/L	99
44) trans-1,3-Dichloropropene	8.185	75	2936	0.802	ug/L	90
60) 1,2,3-Trichloropropane	11.815	75	16194	4.982	ug/L #	69

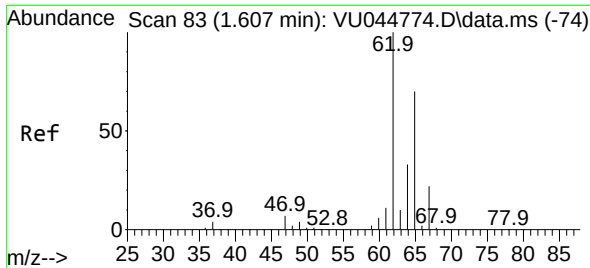
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
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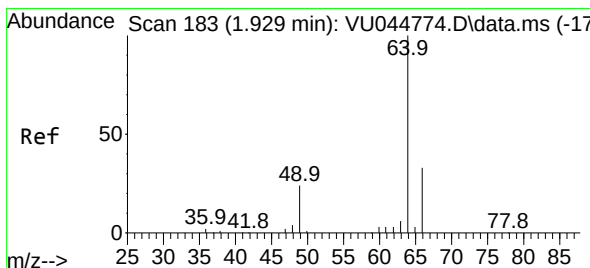
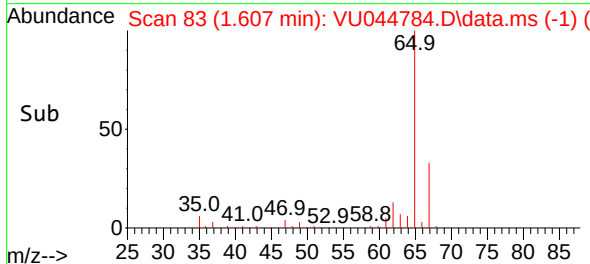
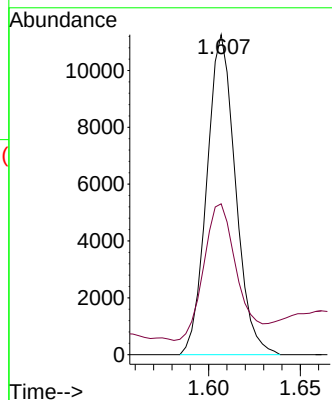
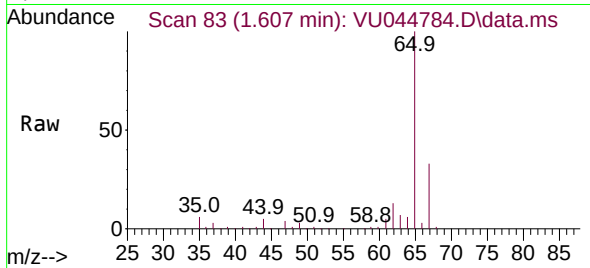




#5
 Vinyl chloride
 Concen: 3.853 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044784.D
 Acq: 23 Sep 2021 15:04

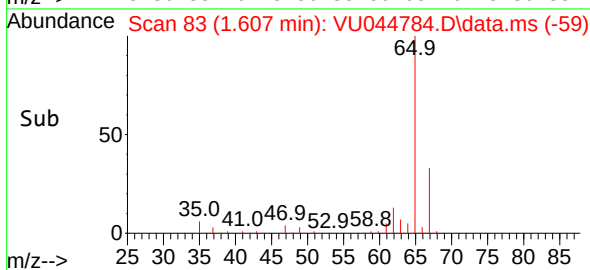
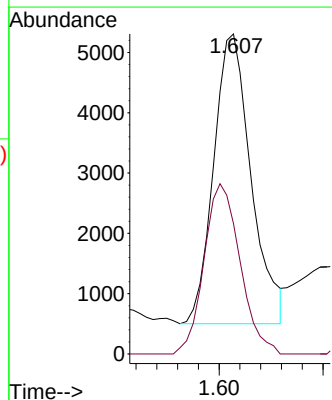
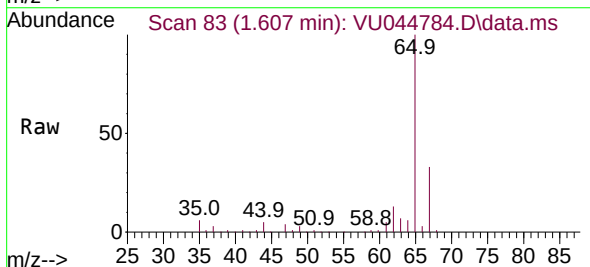
Instrument :
 MSVOA_U
 ClientSampled :

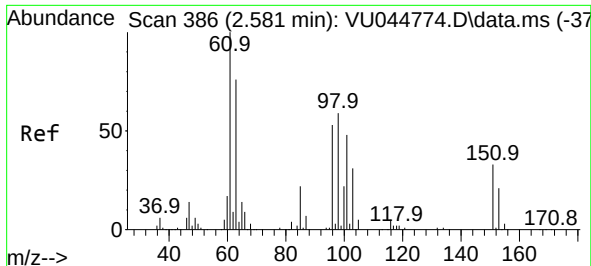
Tgt Ion: 62 Resp: 12238
 Ion Ratio Lower Upper
 62 100
 64 47.1 23.4 43.6#



#8
 Chloroethane
 Concen: 3.009 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.322 min
 Lab File: VU044784.D
 Acq: 23 Sep 2021 15:04

Tgt Ion: 64 Resp: 5999
 Ion Ratio Lower Upper
 64 100
 66 40.8 22.3 41.3





#12

1,1-Dichloroethene

Concen: 2.581 ug/L

RT: 2.581 min Scan# 386

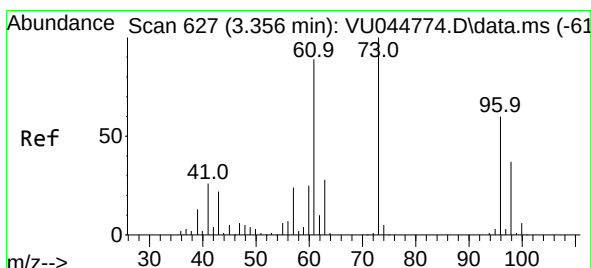
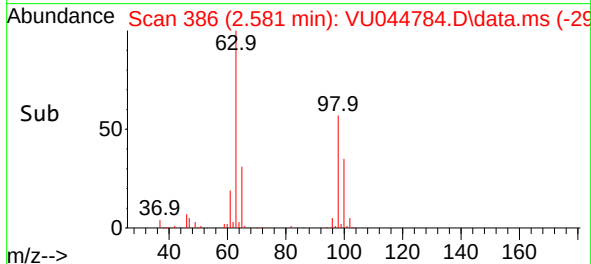
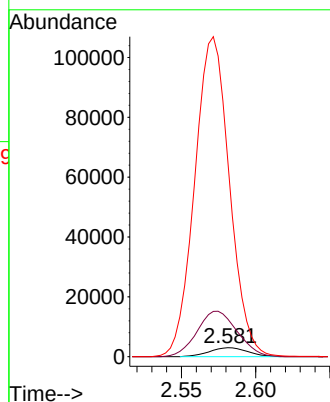
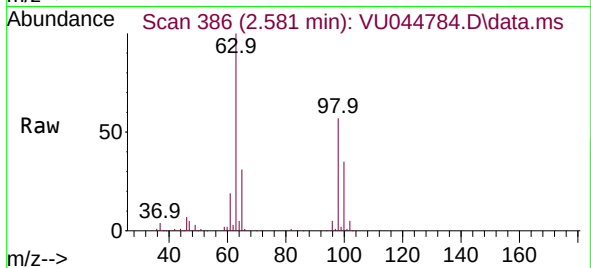
Delta R.T. -0.000 min

Lab File: VU044784.D

Acq: 23 Sep 2021 15:04

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 96 Resp: 5429
Ion Ratio Lower Upper
96 100
61 422.2 131.3 243.9#
63 2198.3 102.5 190.3#



#17

trans-1,2-Dichloroethene

Concen: 48.078 ug/L

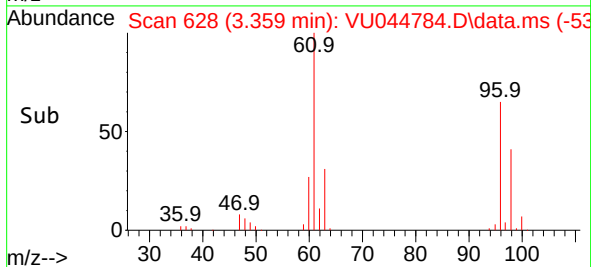
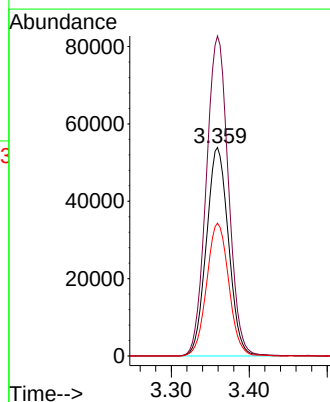
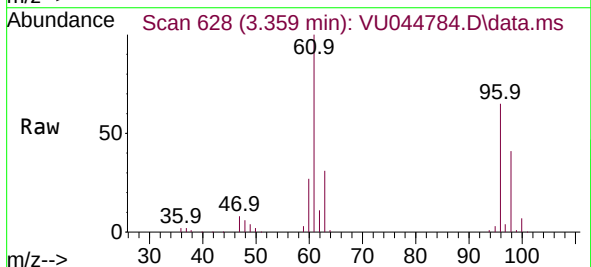
RT: 3.359 min Scan# 628

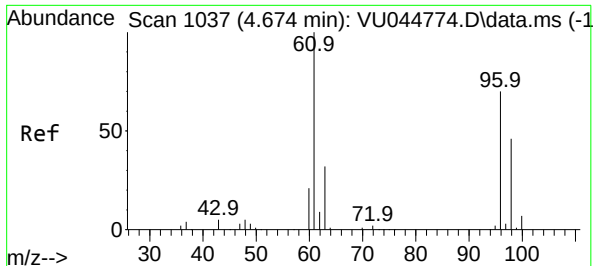
Delta R.T. 0.003 min

Lab File: VU044784.D

Acq: 23 Sep 2021 15:04

Tgt Ion: 96 Resp: 106531
Ion Ratio Lower Upper
96 100
61 153.5 105.1 195.3
98 63.7 43.0 79.8

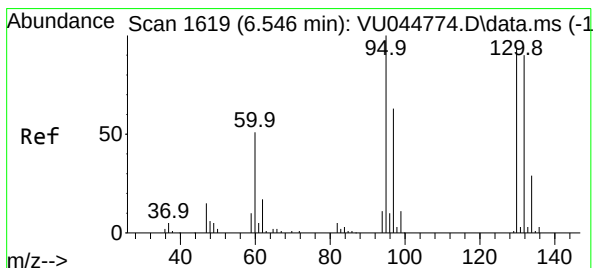
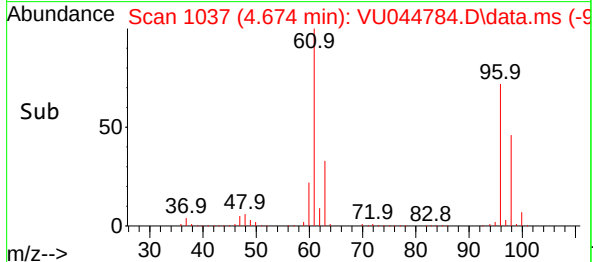
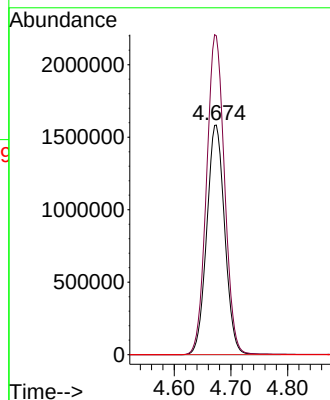
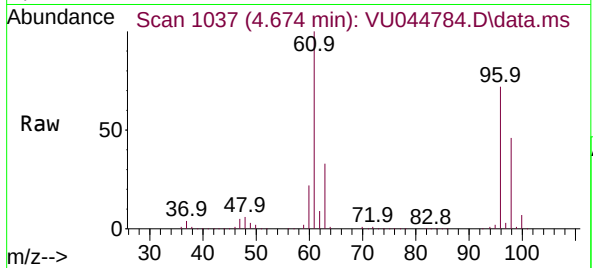




#20
cis-1,2-Dichloroethene
Concen: 1428.774 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

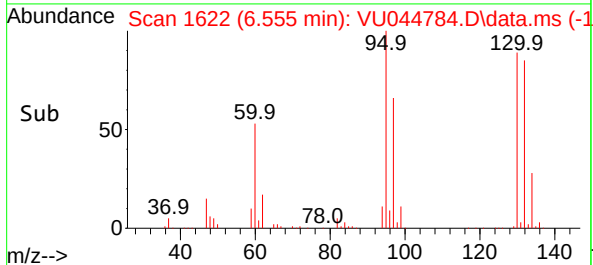
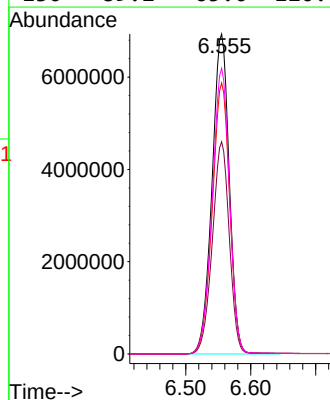
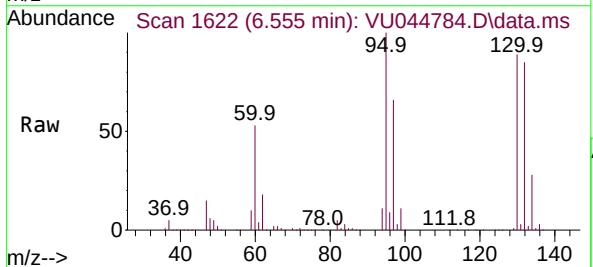
Instrument :
MSVOA_U
ClientSampled :

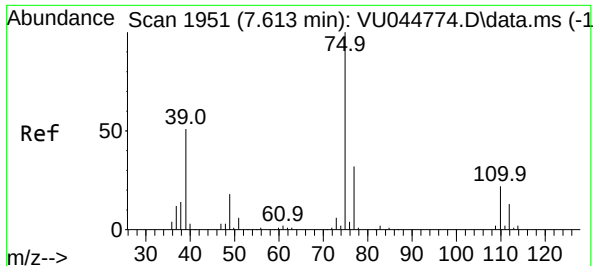
Tgt Ion: 96 Resp: 3488547
Ion Ratio Lower Upper
96 100
61 138.8 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 5382.729 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.009 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Tgt Ion: 95 Resp: 12777549
Ion Ratio Lower Upper
95 100
97 66.3 44.4 82.4
132 84.7 62.9 116.9
130 89.2 65.0 120.8



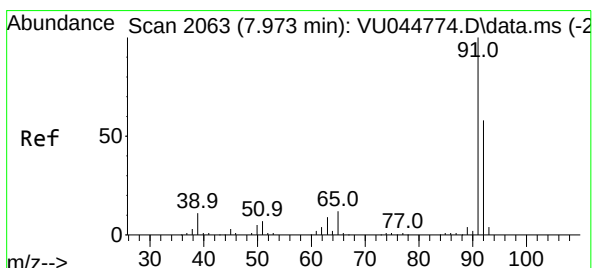
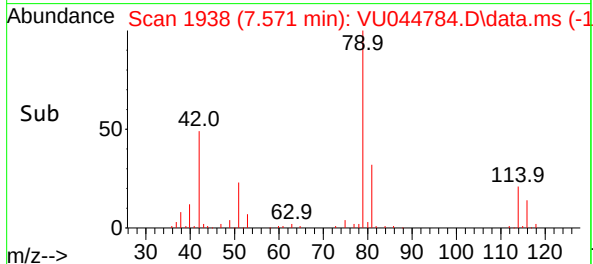
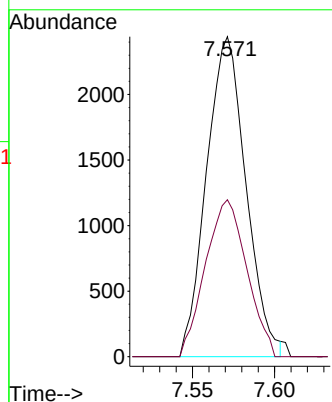
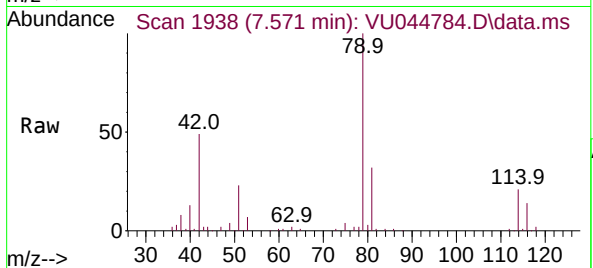


#39

cis-1,3-Dichloropropene
Concen: 1.057 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Instrument :
MSVOA_U
ClientSampled :

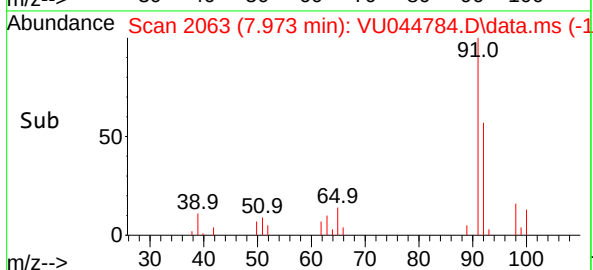
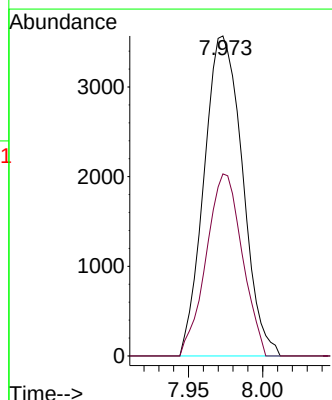
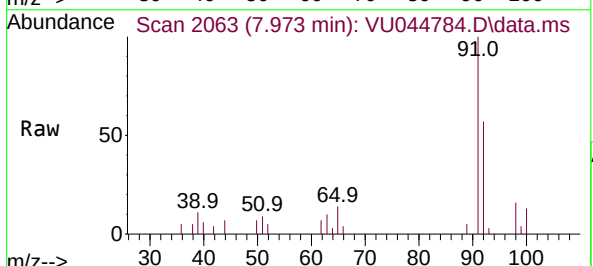
Tgt Ion: 75 Resp: 4071
Ion Ratio Lower Upper
75 100
77 49.0 22.4 41.6#

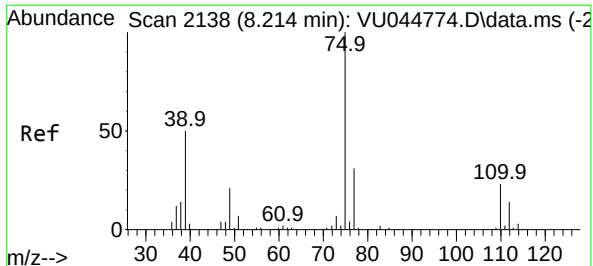


#42

Toluene
Concen: 0.638 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Tgt Ion: 91 Resp: 6409
Ion Ratio Lower Upper
91 100
92 56.9 40.5 75.1

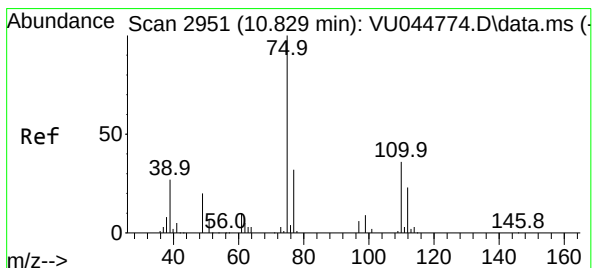
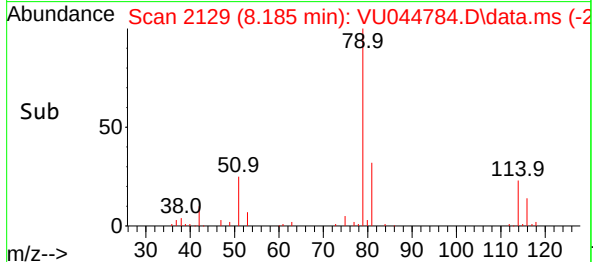
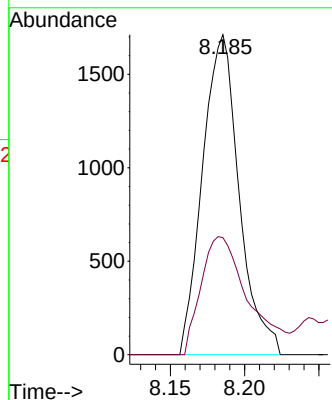
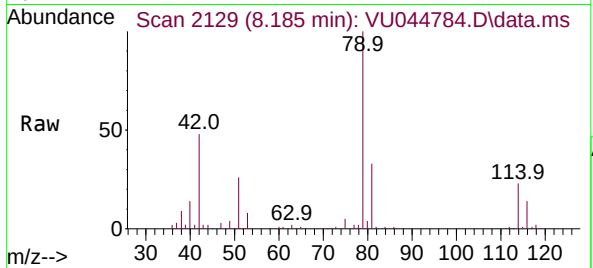




#44
trans-1,3-Dichloropropene
Concen: 0.802 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2936
Ion Ratio Lower Upper
75 100
77 36.6 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.982 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Tgt Ion: 75 Resp: 16194
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 2.0 29.0 43.4#

