

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044786.D
 Acq On : 23 Sep 2021 15:50
 Operator : SY/MD
 Sample : M3873-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:38:13 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)

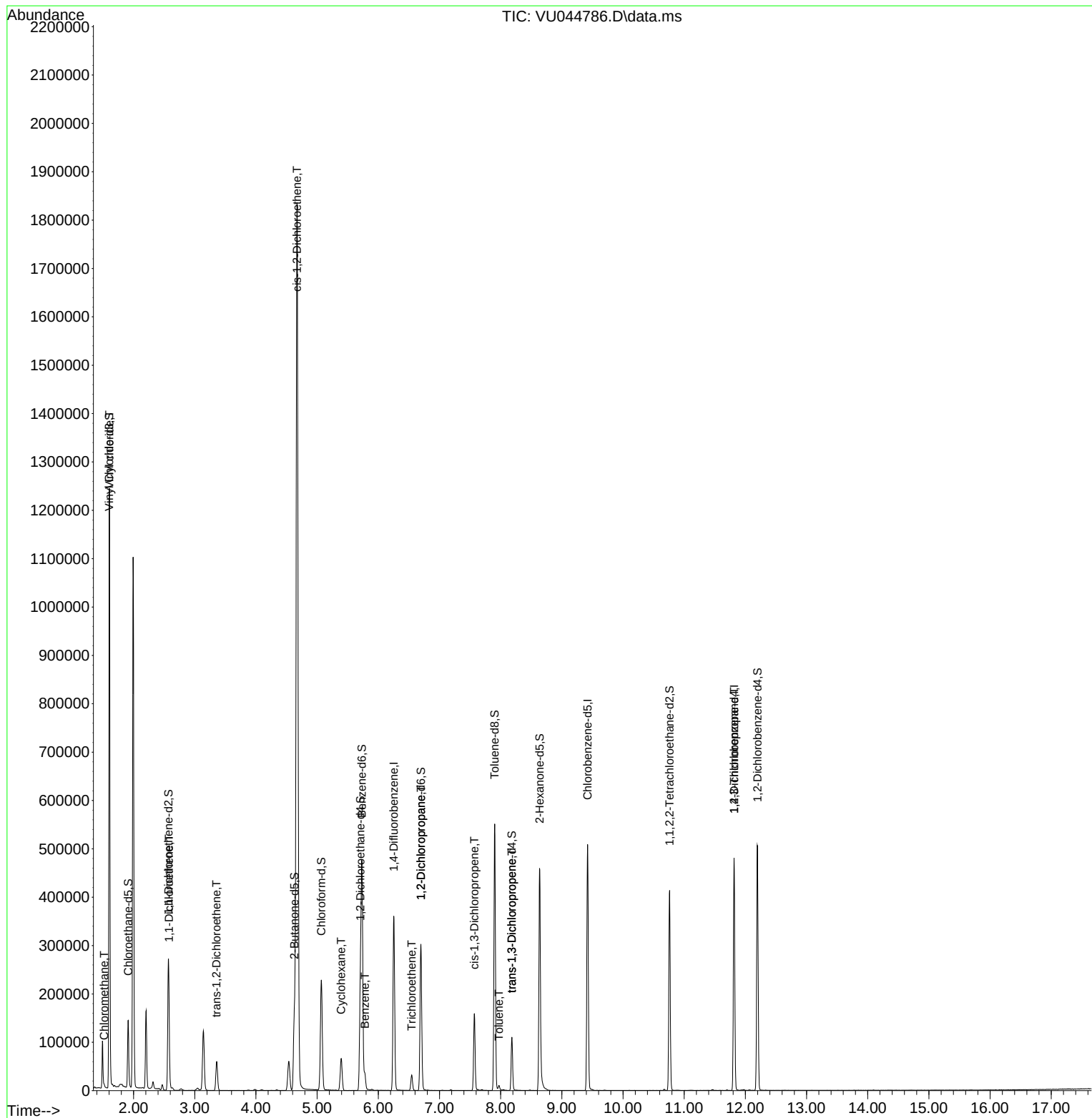
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	272856	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	261662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	117968	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	132324	44.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.600%		
7) Chloroethane-d5	1.912	69	103414	43.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.380%		
11) 1,1-Dichloroethene-d2	2.572	63	164370	32.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.540%		
21) 2-Butanone-d5	4.629	46	235020	99.525	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.520%		
24) Chloroform-d	5.070	84	202923	43.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
26) 1,2-Dichloroethane-d4	5.707	65	144411	45.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
32) Benzene-d6	5.732	84	416273	45.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.700%		
36) 1,2-Dichloropropane-d6	6.697	67	137298	46.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.760%		
41) Toluene-d8	7.903	98	344539	43.971	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.940%		
43) trans-1,3-Dichloroprop...	8.182	79	57507	43.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.340%		
47) 2-Hexanone-d5	8.636	63	159493	97.213	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.210%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	201947	43.805	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.620%		
66) 1,2-Dichlorobenzene-d4	12.198	152	123302	48.028	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.060%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2147	0.659	ug/L	96
5) Vinyl chloride	1.607	62	390055	122.256	ug/L	99
12) 1,1-Dichloroethene	2.578	96	2637	1.248	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	22985	10.326	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	899244	366.634	ug/L	98
29) Cyclohexane	5.391	56	31518	8.013	ug/L	98
33) Benzene	5.780	78	29061	2.994	ug/L	100
34) Trichloroethene	6.546	95	10490	4.500	ug/L	97
37) 1,2-Dichloropropane	6.697	63	15555	5.887	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3789	1.002	ug/L #	62
42) Toluene	7.973	91	5746	0.583	ug/L	83
44) trans-1,3-Dichloropropene	8.182	75	2516	0.700	ug/L	99
60) 1,2,3-Trichloropropane	11.816	75	16052	4.920	ug/L #	69

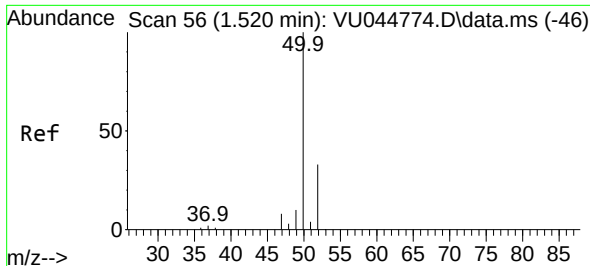
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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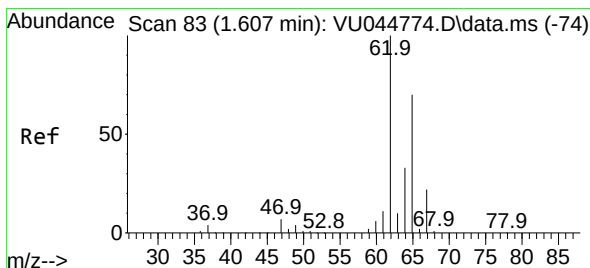
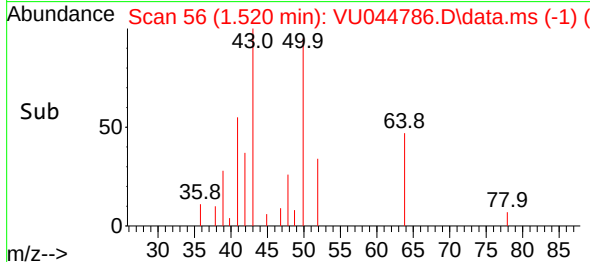
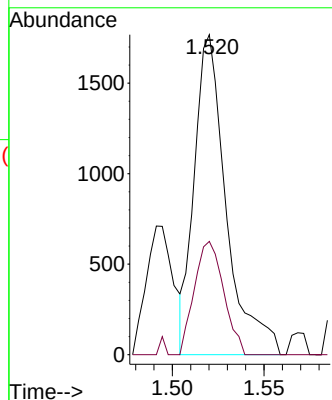
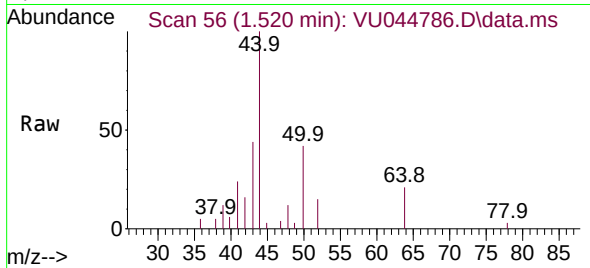




#3
Chloromethane
Concen: 0.659 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

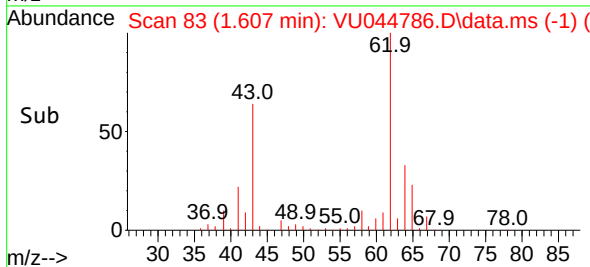
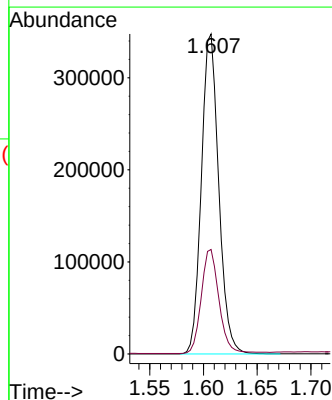
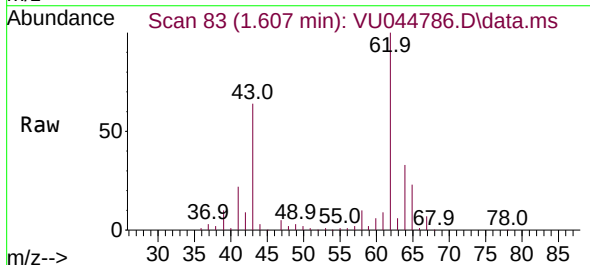
Instrument :
MSVOA_U
ClientSampled :

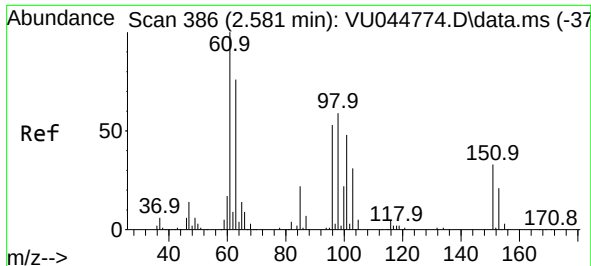
Tgt Ion: 50 Resp: 2147
Ion Ratio Lower Upper
50 100
52 35.4 23.0 42.8



#5
Vinyl chloride
Concen: 122.256 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

Tgt Ion: 62 Resp: 390055
Ion Ratio Lower Upper
62 100
64 32.7 23.4 43.6





#12

1,1-Dichloroethene

Concen: 1.248 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

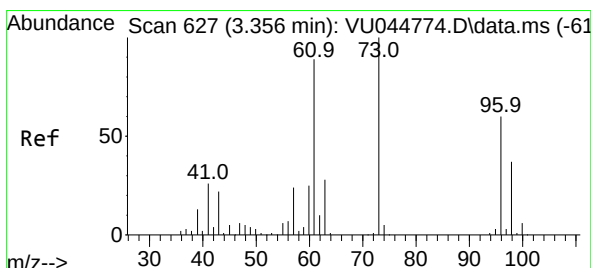
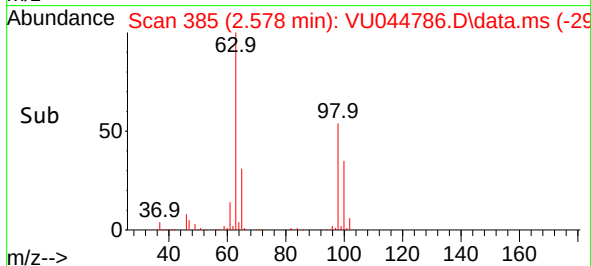
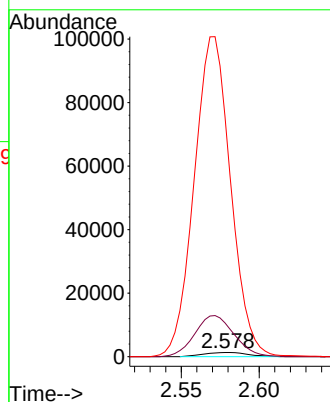
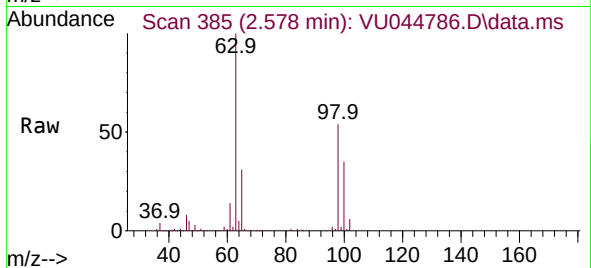
Lab File: VU044786.D

Acq: 23 Sep 2021 15:50

Tgt Ion: 96 Resp: 2637

Ion	Ratio	Lower	Upper
96	100		
61	809.8	131.3	243.9#
63	5759.0	102.5	190.3#

Instrument :
MSVOA_U
ClientSampled :



#17

trans-1,2-Dichloroethene

Concen: 10.326 ug/L

RT: 3.356 min Scan# 627

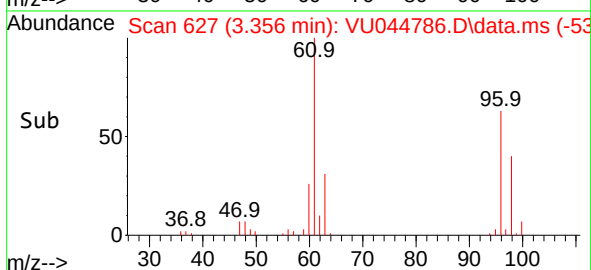
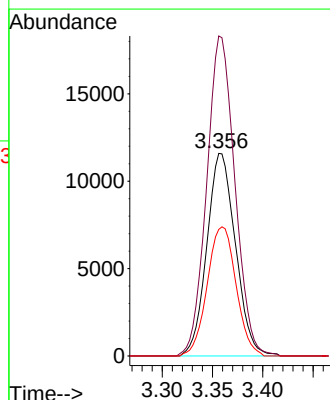
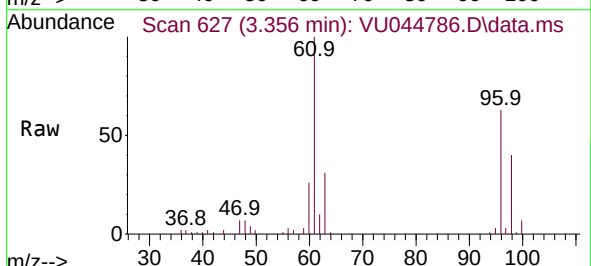
Delta R.T. -0.000 min

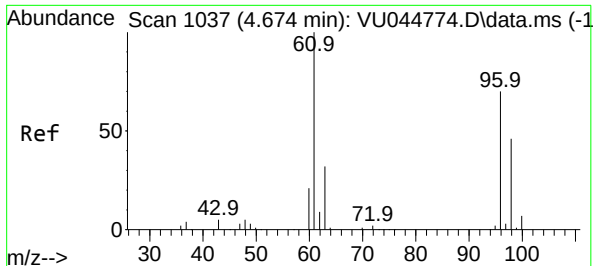
Lab File: VU044786.D

Acq: 23 Sep 2021 15:50

Tgt Ion: 96 Resp: 22985

Ion	Ratio	Lower	Upper
96	100		
61	157.9	105.1	195.3
98	62.5	43.0	79.8

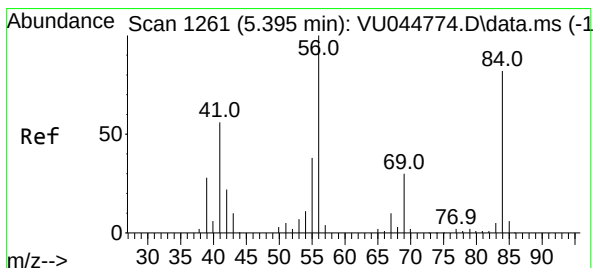
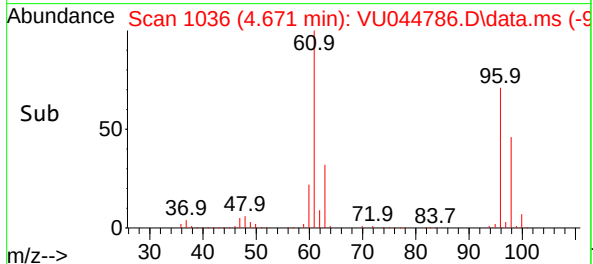
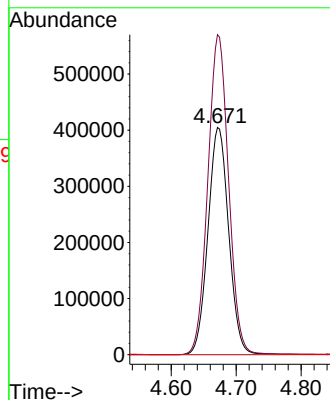
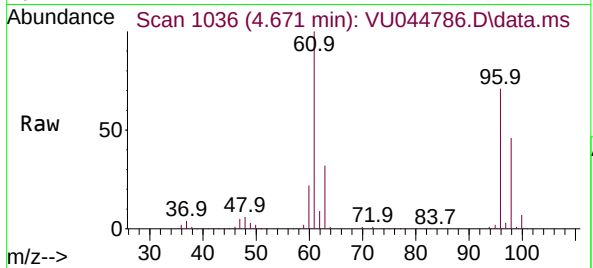




#20
cis-1,2-Dichloroethene
Concen: 366.634 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

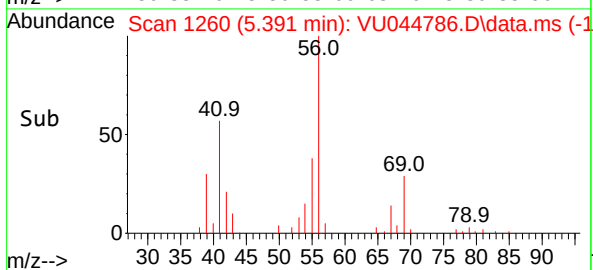
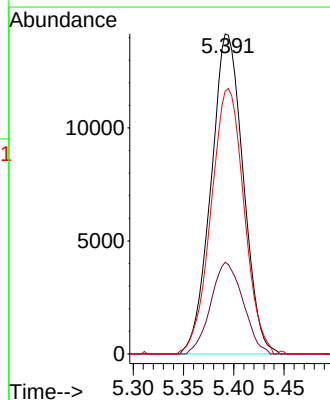
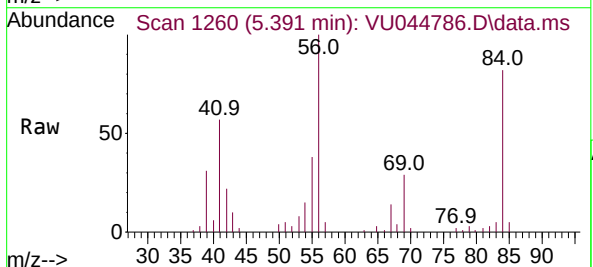
Instrument :
MSVOA_U
ClientSampled :

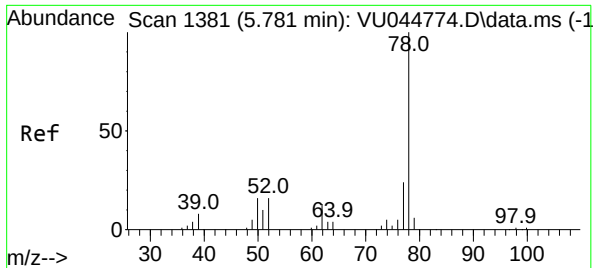
Tgt Ion: 96 Resp: 899244
Ion Ratio Lower Upper
96 100
61 140.8 100.2 186.0
68 0.0 0.0 0.0



#29
Cyclohexane
Concen: 8.013 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

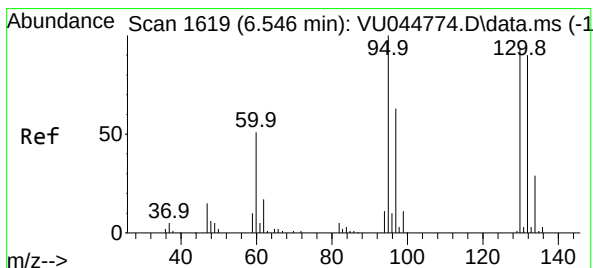
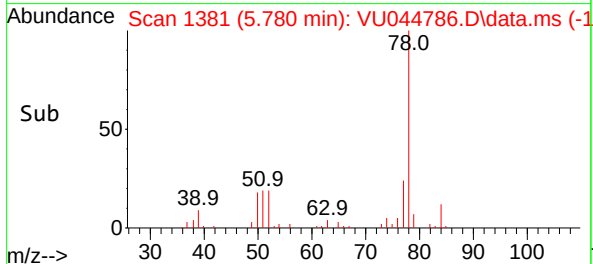
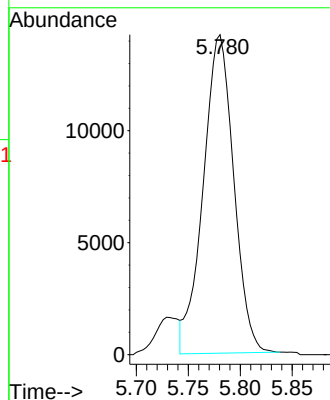
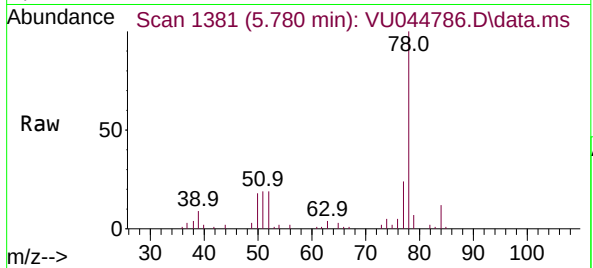
Tgt Ion: 56 Resp: 31518
Ion Ratio Lower Upper
56 100
69 28.7 23.8 35.8
84 85.2 66.8 100.2





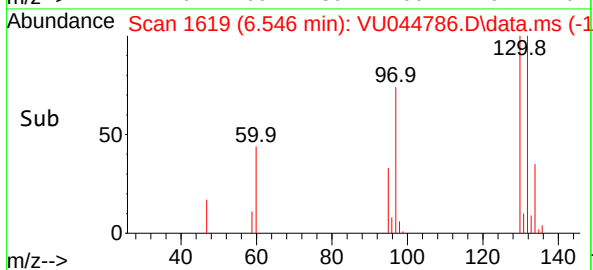
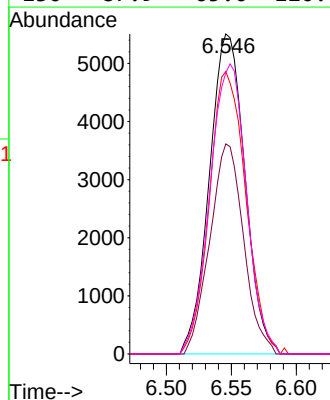
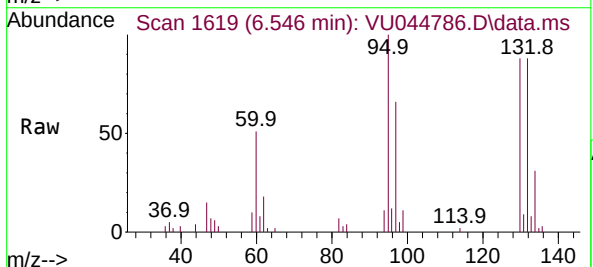
#33
Benzene
Concen: 2.994 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50
Tgt Ion: 78 Resp: 29061

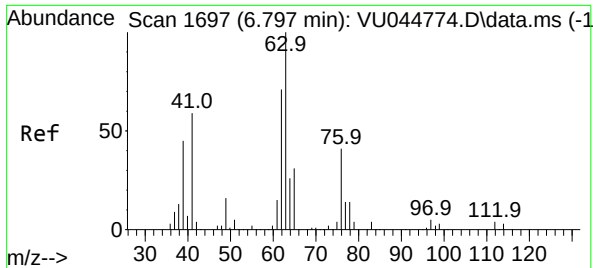
Instrument :
MSVOA_U
ClientSampled :



#34
Trichloroethene
Concen: 4.500 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50
Tgt Ion: 95 Resp: 10490

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.4	82.4
132	88.3	62.9	116.9
130	87.9	65.0	120.8

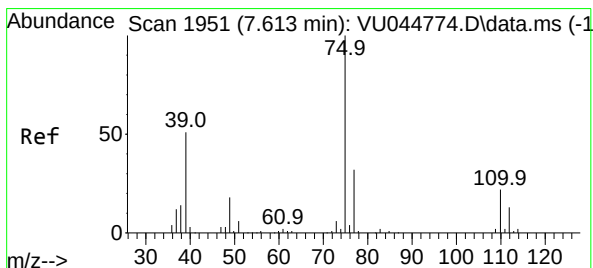
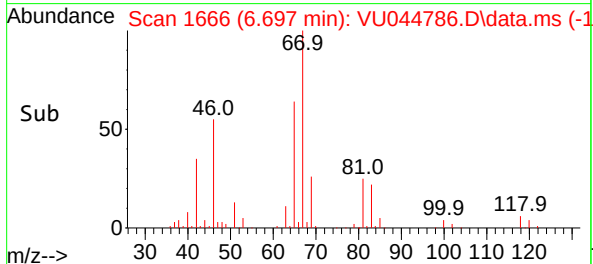
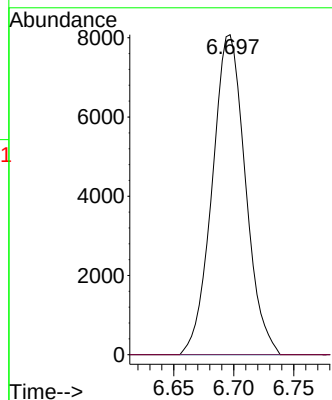
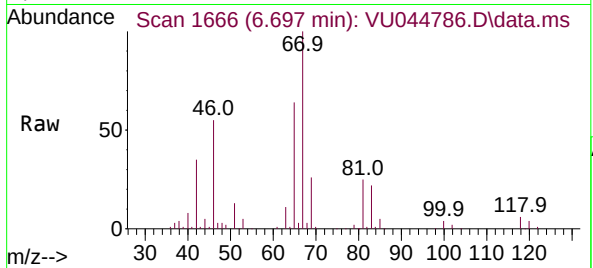




#37
1,2-Dichloropropane
Concen: 5.887 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

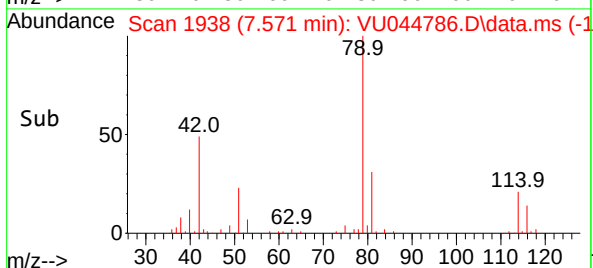
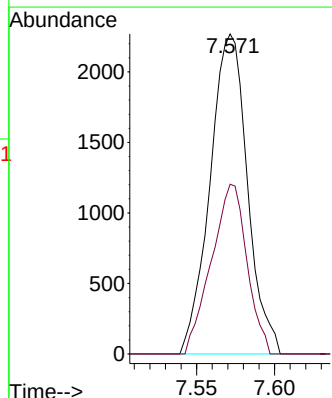
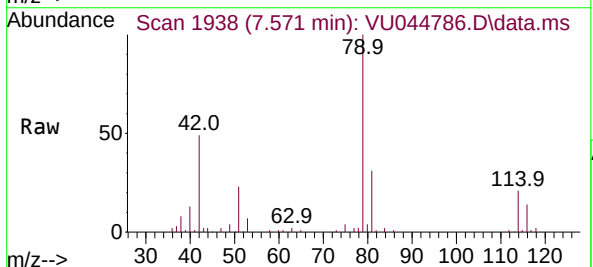
Instrument :
MSVOA_U
ClientSampled :

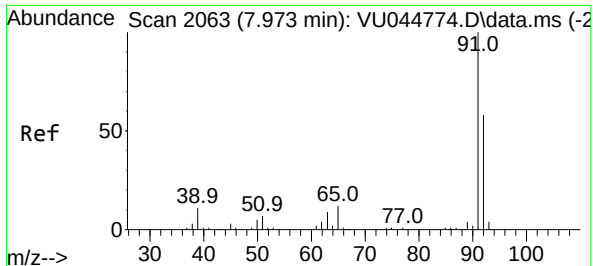
Tgt Ion: 63 Resp: 15555
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.002 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

Tgt Ion: 75 Resp: 3789
Ion Ratio Lower Upper
75 100
77 53.1 22.4 41.6#

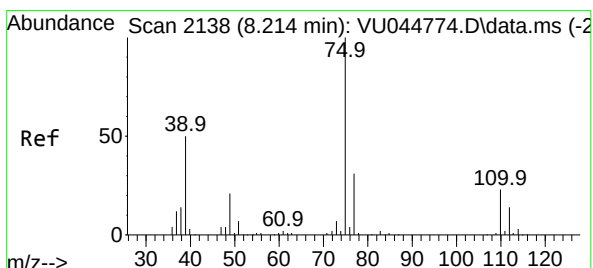
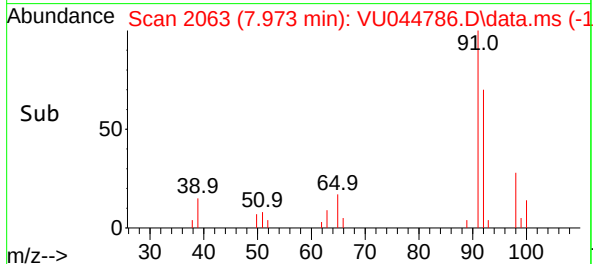
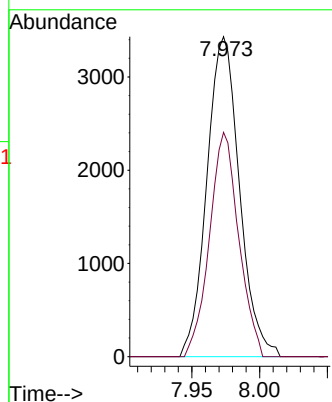
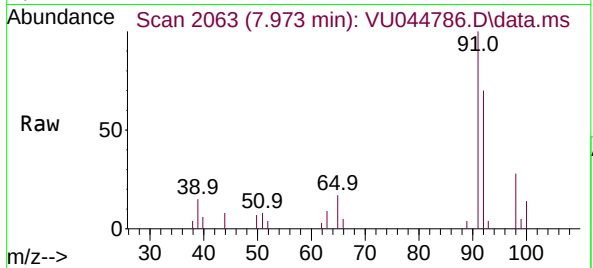




#42
Toluene
Concen: 0.583 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

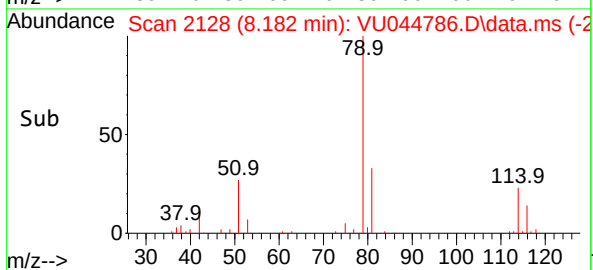
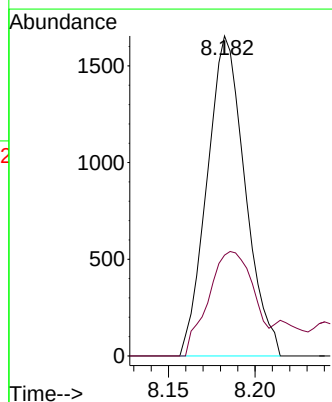
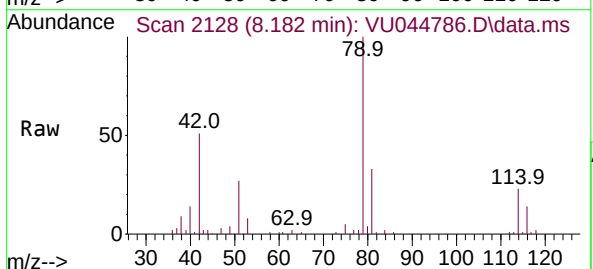
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MSVOA_U
ClientSampled :

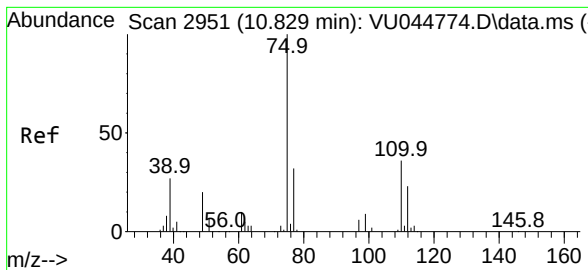
Tgt Ion: 91 Resp: 5746
Ion Ratio Lower Upper
91 100
92 70.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044786.D
Acq: 23 Sep 2021 15:50

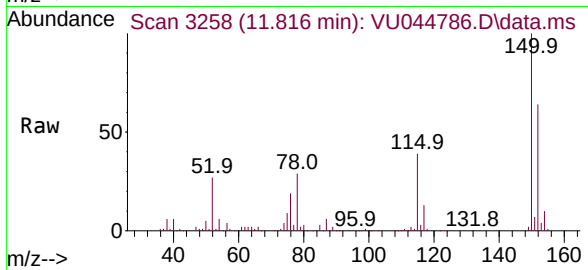
Tgt Ion: 75 Resp: 2516
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.920 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044786.D
 Acq: 23 Sep 2021 15:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16052
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
110	2.2	29.0	43.4#

