

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044813.D
 Acq On : 24 Sep 2021 15:47
 Operator : SY/MD
 Sample : M3873-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:39:39 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)

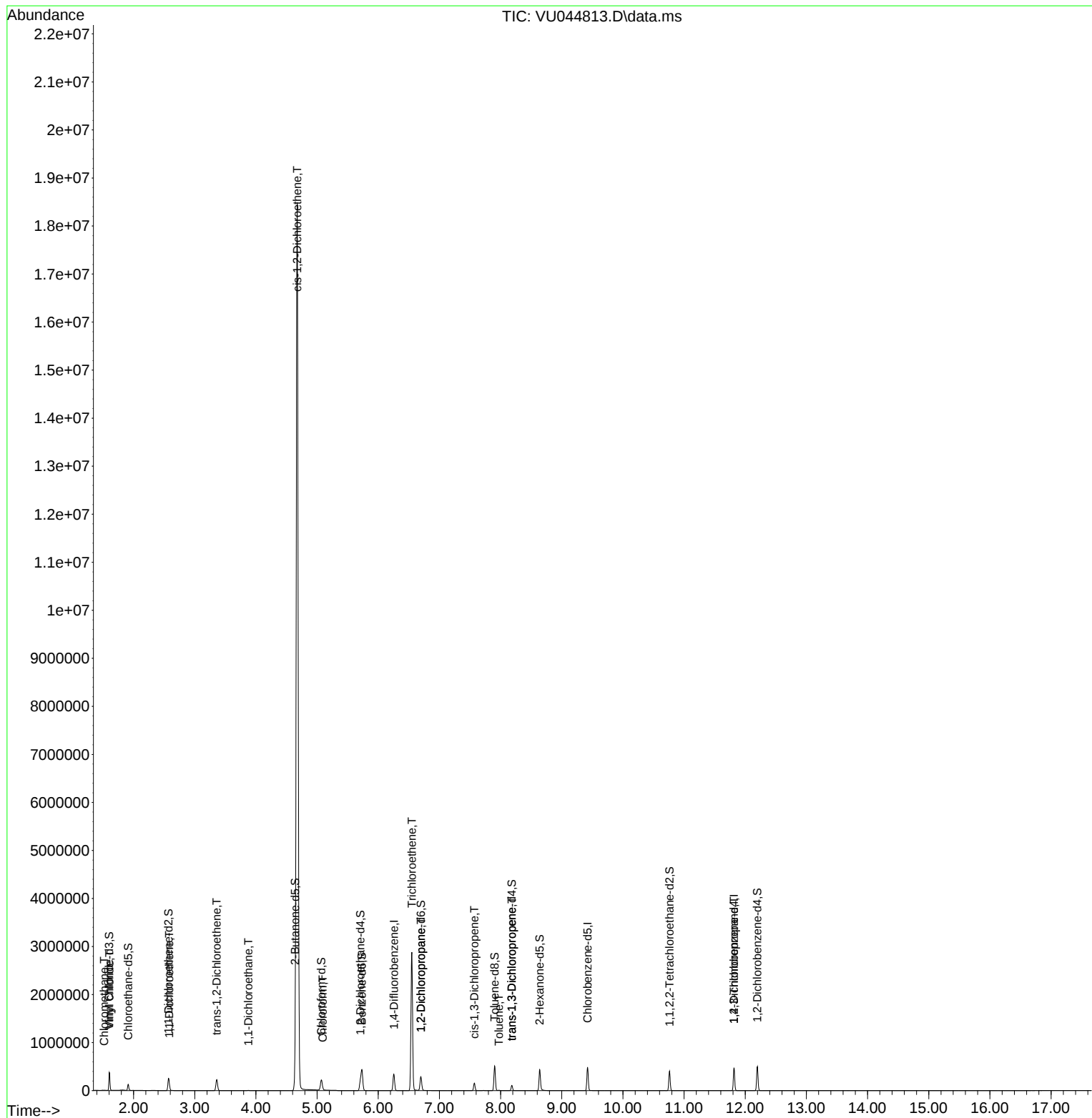
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	263549	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	256316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	115448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110703	38.371	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.740%		
7) Chloroethane-d5	1.912	69	95296	41.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.360%		
11) 1,1-Dichloroethene-d2	2.571	63	155175	32.027	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.060%		
21) 2-Butanone-d5	4.642	46	236099	103.512	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.510%		
24) Chloroform-d	5.070	84	188049	41.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.540%		
26) 1,2-Dichloroethane-d4	5.706	65	136519	44.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.460%		
32) Benzene-d6	5.732	84	385842	43.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.760%		
36) 1,2-Dichloropropane-d6	6.697	67	131134	45.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	7.902	98	326400	42.525	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.060%		
43) trans-1,3-Dichloroprop...	8.182	79	56664	43.925	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.840%		
47) 2-Hexanone-d5	8.639	63	154220	95.960	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.960%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	198146	43.877	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.760%		
66) 1,2-Dichlorobenzene-d4	12.198	152	120366	47.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.820%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2148	0.683	ug/L	95
5) Vinyl chloride	1.607	62	162589	52.760	ug/L	99
12) 1,1-Dichloroethene	2.584	96	13810	6.767	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	91709	42.657	ug/L	98
19) 1,1-Dichloroethane	3.877	63	5384	1.204	ug/L	93
20) cis-1,2-Dichloroethene	4.674	96	9090094	3837.034	ug/L	96
25) Chloroform	5.092	83	4722	1.062	ug/L	94
34) Trichloroethene	6.549	95	954998	418.235	ug/L	99
37) 1,2-Dichloropropane	6.697	63	14681	5.672	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3451	0.932	ug/L #	61
42) Toluene	7.973	91	5221	0.541	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2636	0.749	ug/L	87
60) 1,2,3-Trichloropropane	11.815	75	15247	4.775	ug/L #	66

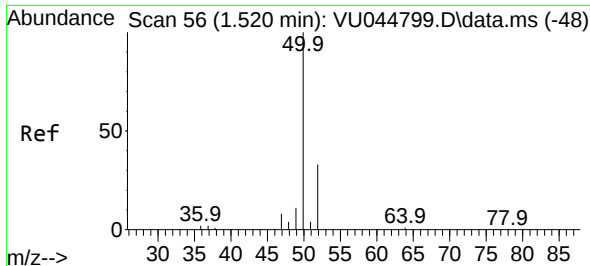
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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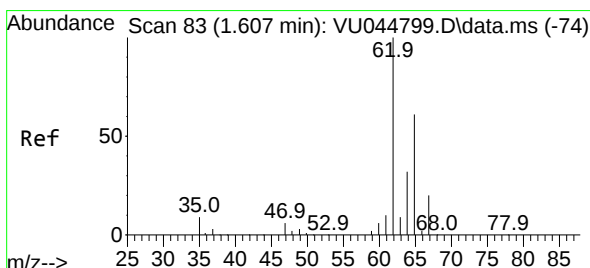
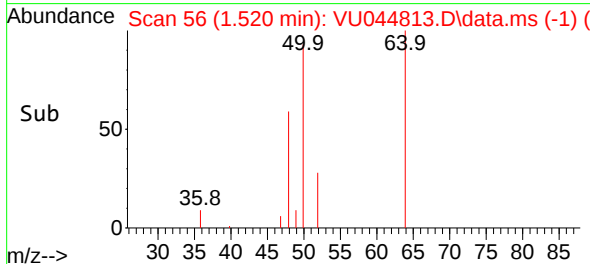
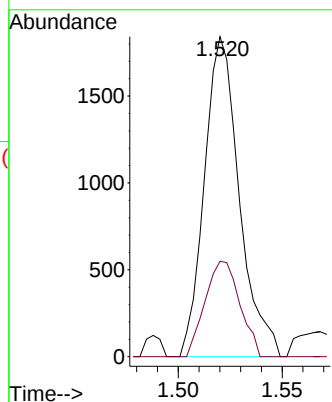
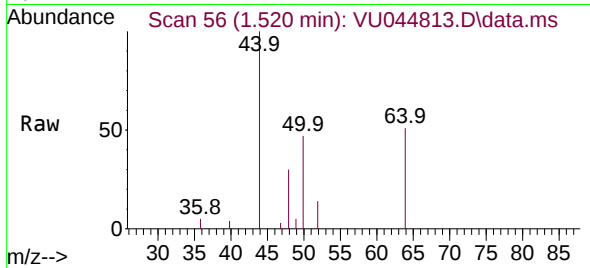




#3
Chloromethane
Concen: 0.683 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

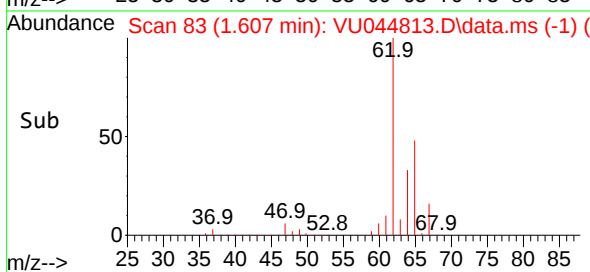
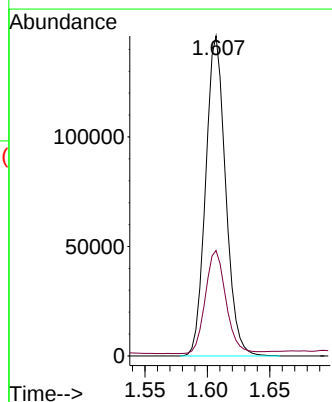
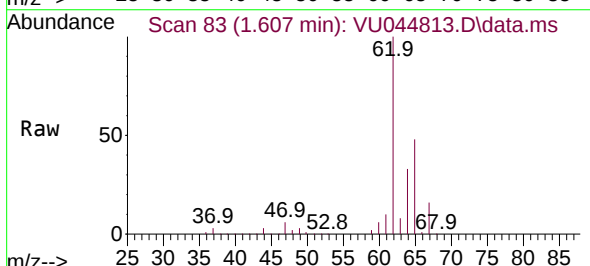
Instrument :
MSVOA_U
ClientSampled :

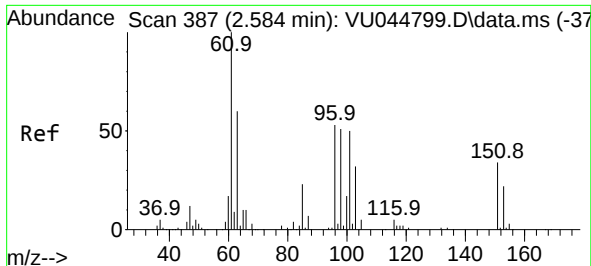
Tgt Ion: 50 Resp: 2148
Ion Ratio Lower Upper
50 100
52 29.8 23.0 42.8



#5
Vinyl chloride
Concen: 52.760 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Tgt Ion: 62 Resp: 162589
Ion Ratio Lower Upper
62 100
64 33.0 23.4 43.6





#12

1,1-Dichloroethene

Concen: 6.767 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU044813.D

Acq: 24 Sep 2021 15:47

Tgt Ion: 96 Resp: 13810

Ion Ratio Lower Upper

96 100

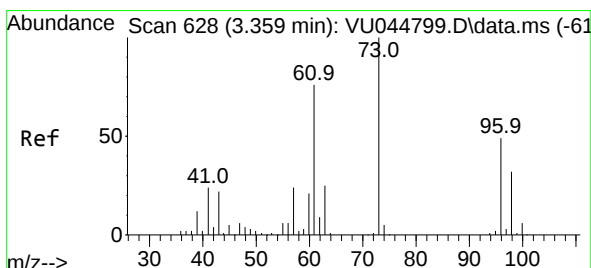
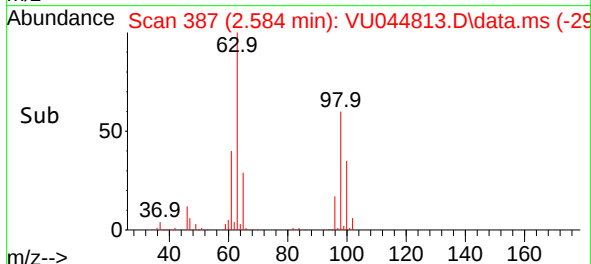
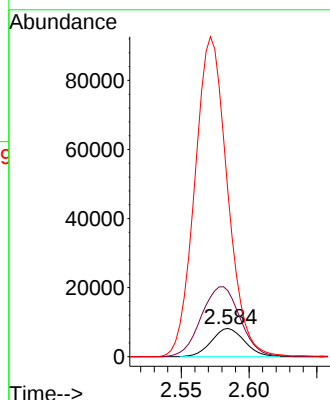
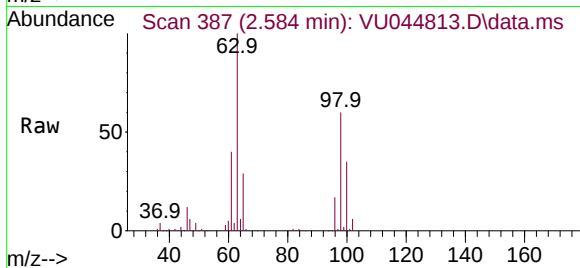
61 233.0 131.3 243.9

63 583.3 102.5 190.3#

Instrument :

MSVOA_U

ClientSampleId :



#17

trans-1,2-Dichloroethene

Concen: 42.657 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU044813.D

Acq: 24 Sep 2021 15:47

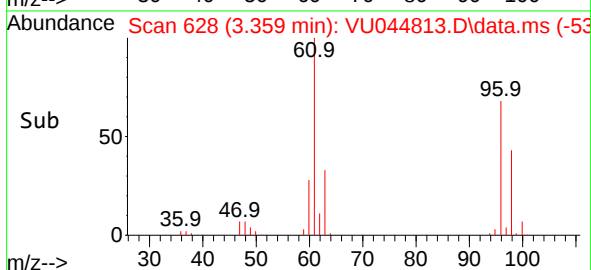
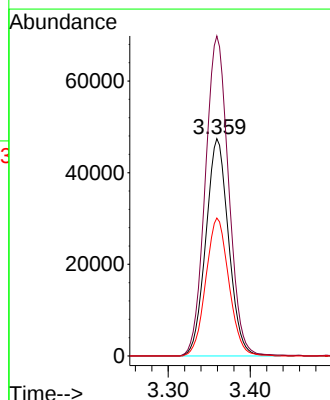
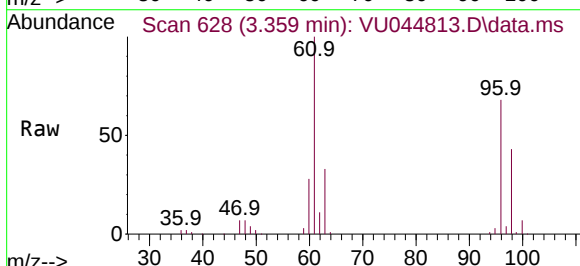
Tgt Ion: 96 Resp: 91709

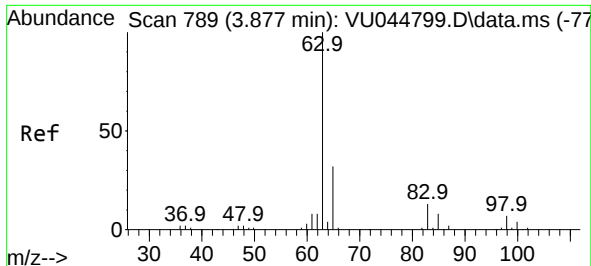
Ion Ratio Lower Upper

96 100

61 147.3 105.1 195.3

98 63.5 43.0 79.8





#19

1,1-Dichloroethane

Concen: 1.204 ug/L

RT: 3.877 min Scan# 789

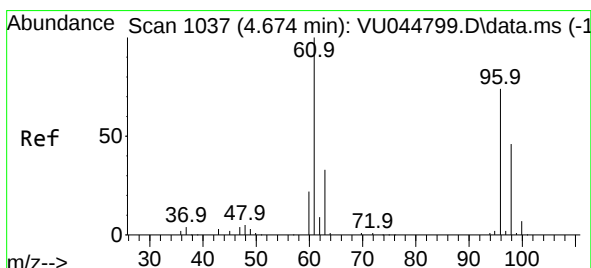
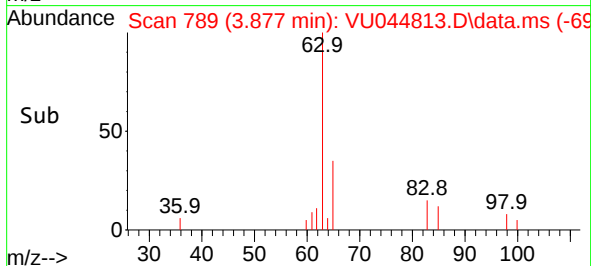
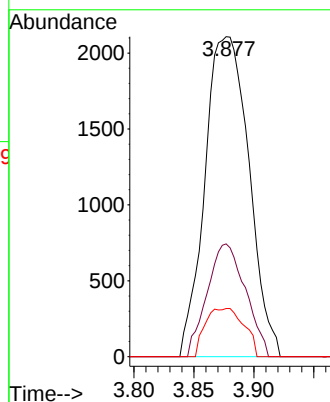
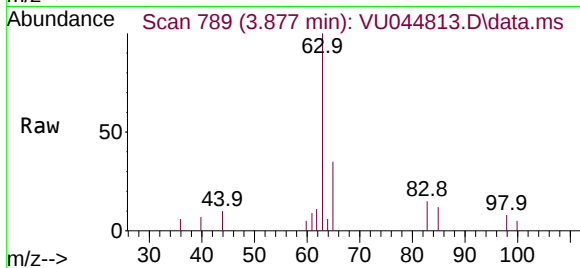
Delta R.T. 0.000 min

Lab File: VU044813.D

Acq: 24 Sep 2021 15:47

Tgt Ion:	63	Resp:	5384
Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.0	40.8
83	15.0	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 3837.034 ug/L

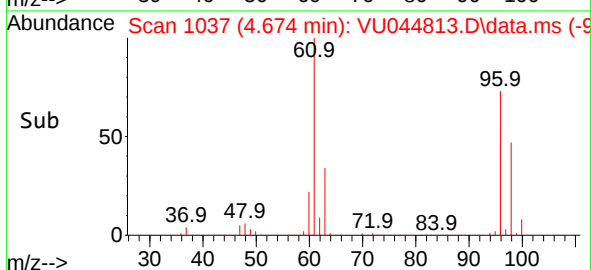
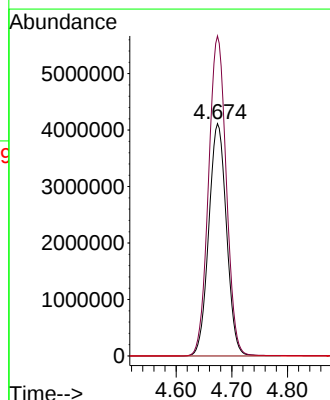
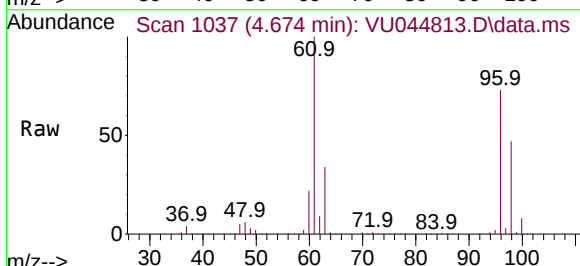
RT: 4.674 min Scan# 1037

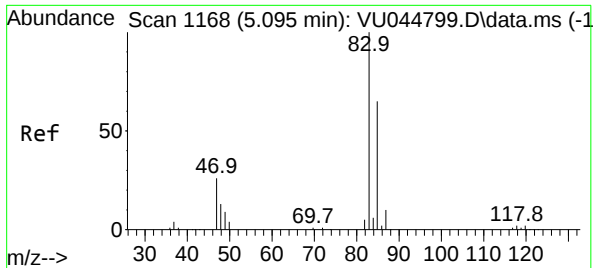
Delta R.T. 0.000 min

Lab File: VU044813.D

Acq: 24 Sep 2021 15:47

Tgt Ion:	96	Resp:	9090094
Ion	Ratio	Lower	Upper
96	100		
61	137.7	100.2	186.0
68	0.0	0.0	0.0



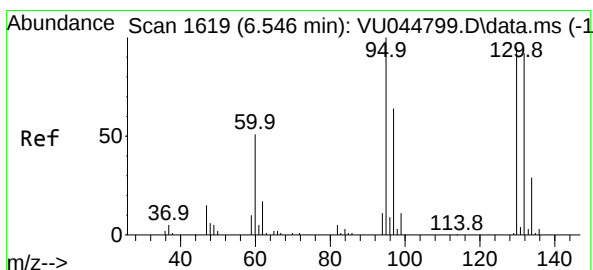
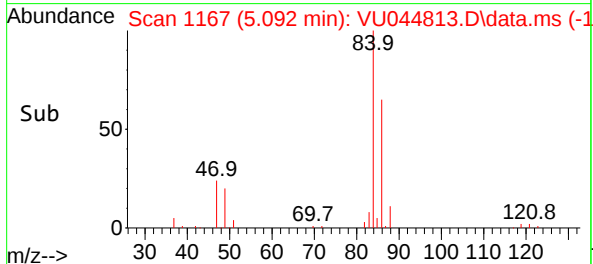
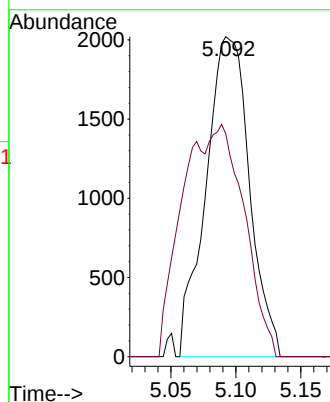
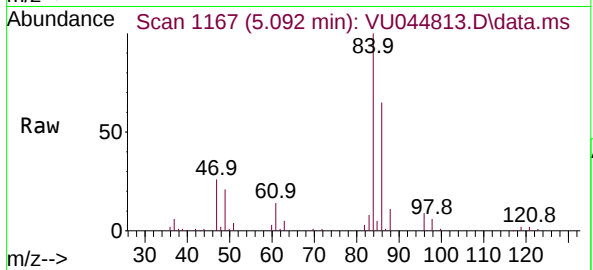


#25

Chloroform
Concen: 1.062 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

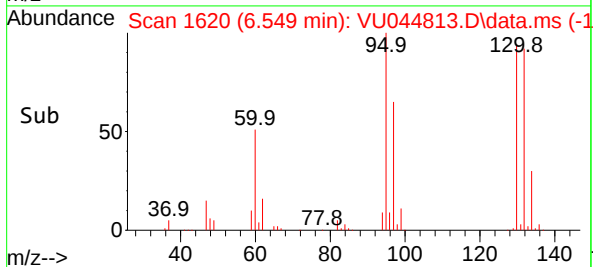
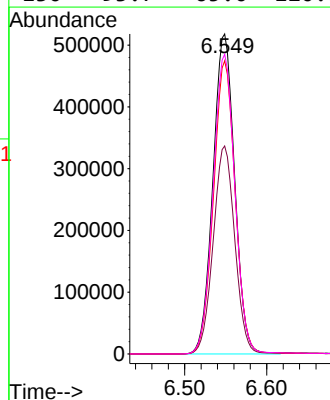
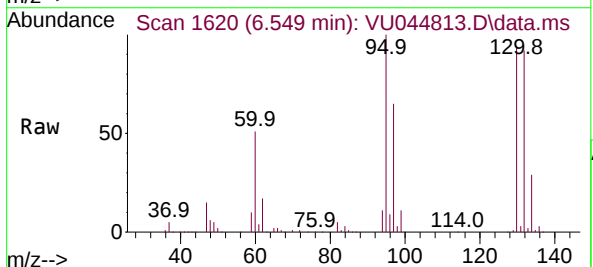
Tgt Ion: 83 Resp: 4722
Ion Ratio Lower Upper
83 100
85 69.6 45.6 84.6

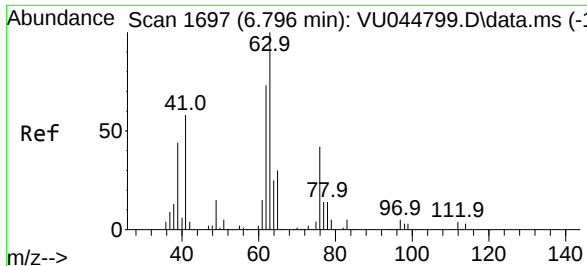


#34

Trichloroethene
Concen: 418.235 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Tgt Ion: 95 Resp: 954998
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.4
132 91.6 62.9 116.9
130 93.7 65.0 120.8





#37

1,2-Dichloropropane

Concen: 5.672 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU044813.D

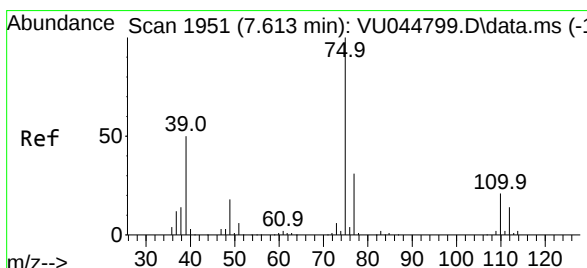
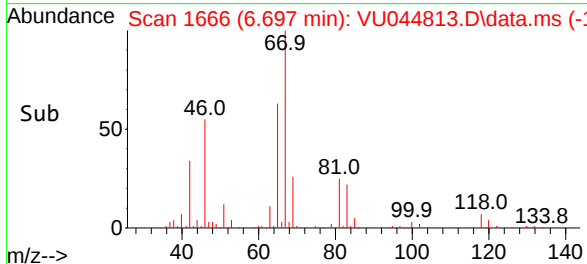
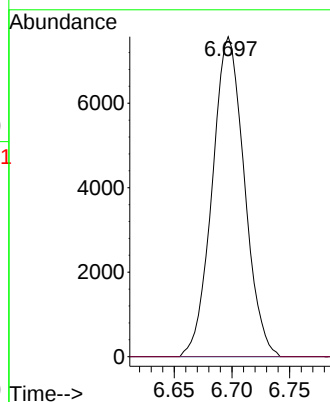
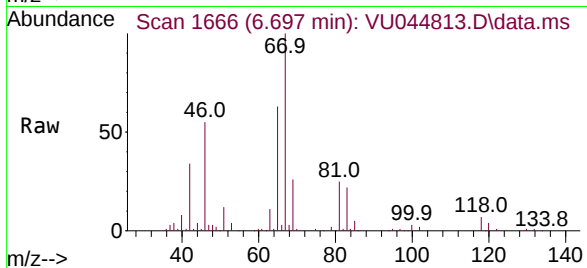
Acq: 24 Sep 2021 15:47

Tgt Ion: 63 Resp: 14681

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.932 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.042 min

Lab File: VU044813.D

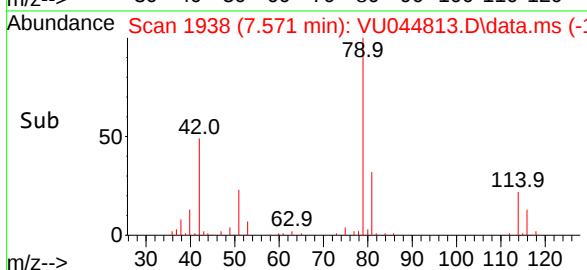
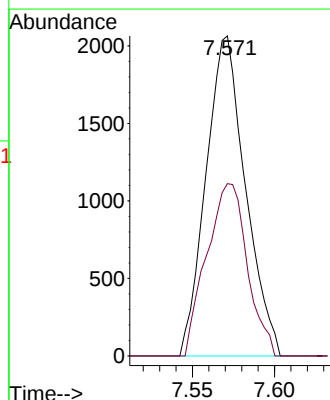
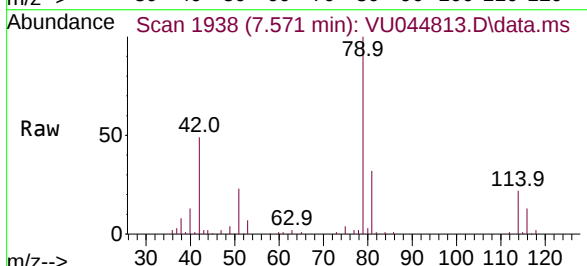
Acq: 24 Sep 2021 15:47

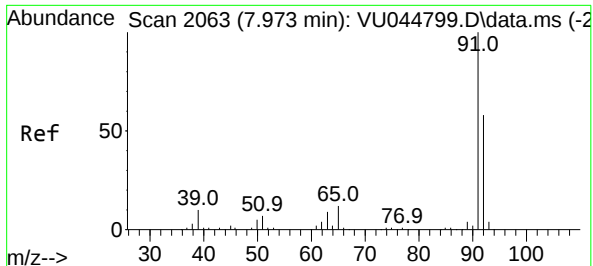
Tgt Ion: 75 Resp: 3451

Ion Ratio Lower Upper

75 100

77 53.8 22.4 41.6#

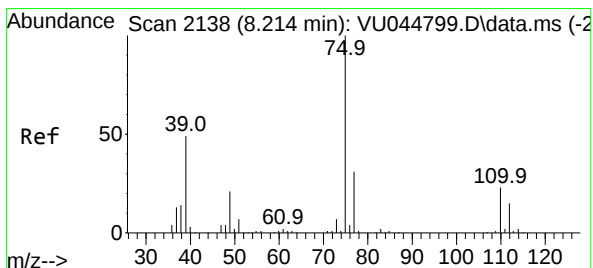
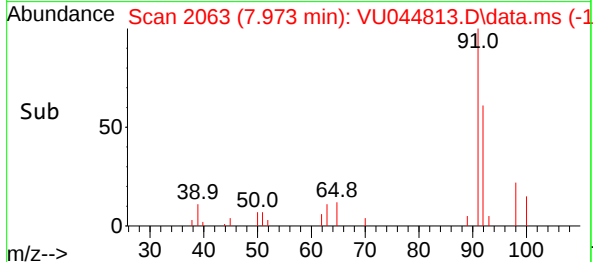
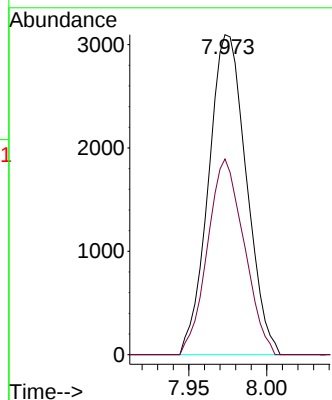
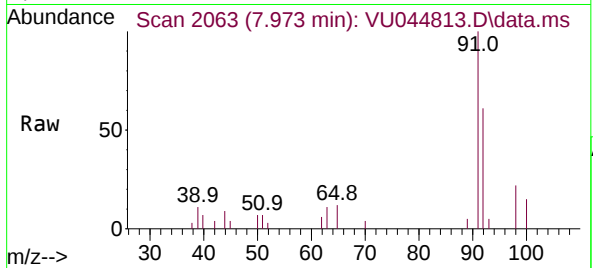




#42
Toluene
Concen: 0.541 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

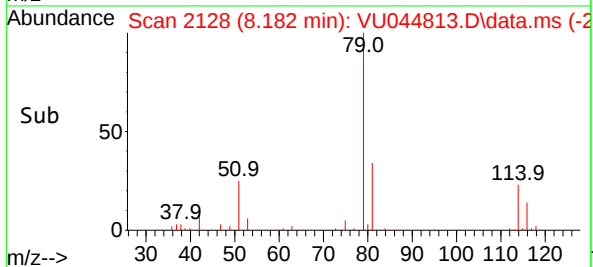
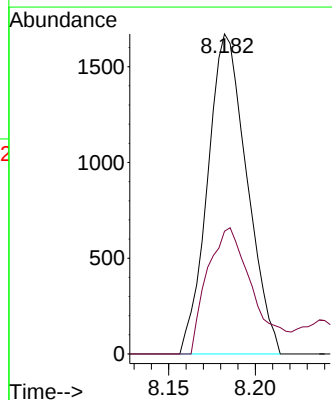
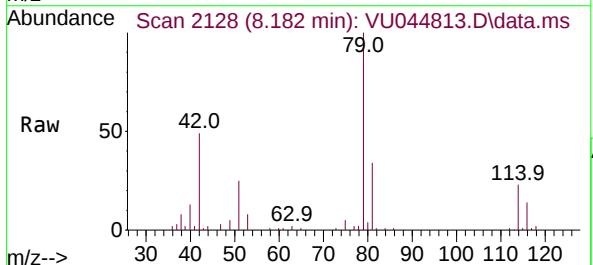
Instrument :
MSVOA_U
ClientSampled :

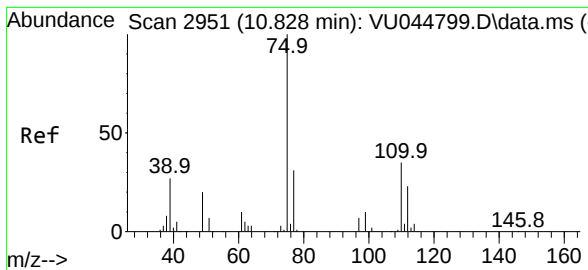
Tgt Ion: 91 Resp: 5221
Ion Ratio Lower Upper
91 100
92 61.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.749 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Tgt Ion: 75 Resp: 2636
Ion Ratio Lower Upper
75 100
77 38.4 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.775 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044813.D
 Acq: 24 Sep 2021 15:47

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	15247
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.5	38.3
110	1.4	29.0	43.4#

