

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044808.D
 Acq On : 24 Sep 2021 13:37
 Operator : SY/MD
 Sample : M3873-07DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:38:39 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)

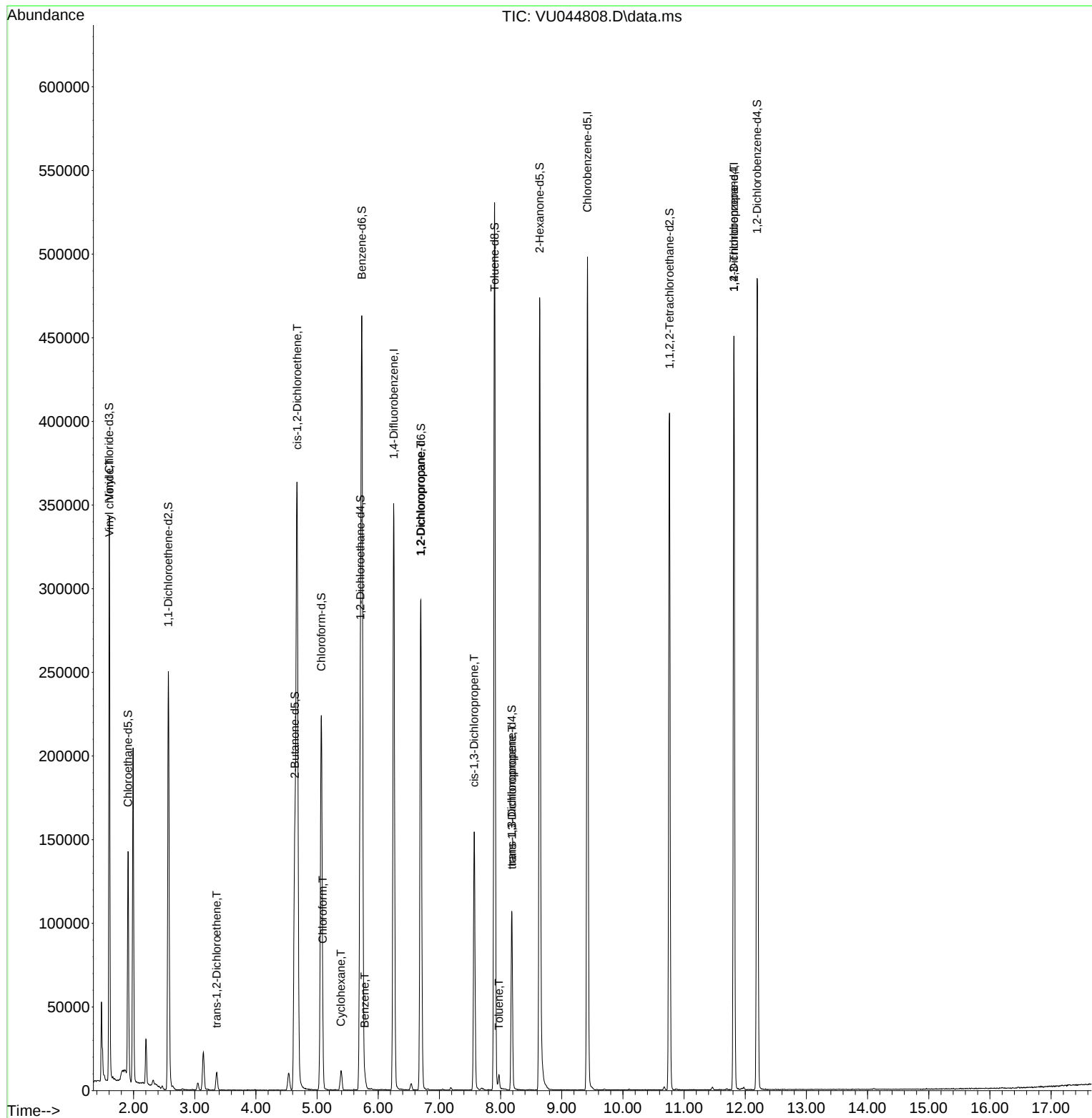
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	267341	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	109765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	116178	39.697	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.400%		
7) Chloroethane-d5	1.909	69	100741	43.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.880%		
11) 1,1-Dichloroethene-d2	2.568	63	151629	30.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.700%		
21) 2-Butanone-d5	4.636	46	240527	103.958	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.960%		
24) Chloroform-d	5.070	84	199430	43.146	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.300%		
26) 1,2-Dichloroethane-d4	5.706	65	142468	45.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.000%		
32) Benzene-d6	5.732	84	406805	45.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.860%		
36) 1,2-Dichloropropane-d6	6.697	67	134420	46.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.080%		
41) Toluene-d8	7.903	98	331489	43.365	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.740%		
43) trans-1,3-Dichloroprop...	8.182	79	56712	44.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.280%		
47) 2-Hexanone-d5	8.639	63	159923	99.917	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.920%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	199898	44.447	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	117571	49.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.440%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	70638	22.597	ug/L	94
17) trans-1,2-Dichloroethene	3.359	96	4364	2.001	ug/L	94
20) cis-1,2-Dichloroethene	4.674	96	167231	69.589	ug/L	96
25) Chloroform	5.092	83	2090	0.463	ug/L	89
29) Cyclohexane	5.391	56	5757	1.500	ug/L #	94
33) Benzene	5.780	78	5062	0.535	ug/L	100
37) 1,2-Dichloropropane	6.694	63	15583	6.045	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3454	0.936	ug/L #	64
42) Toluene	7.973	91	5348	0.556	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	2495	0.711	ug/L #	82
60) 1,2,3-Trichloropropane	11.816	75	15026	4.949	ug/L #	68

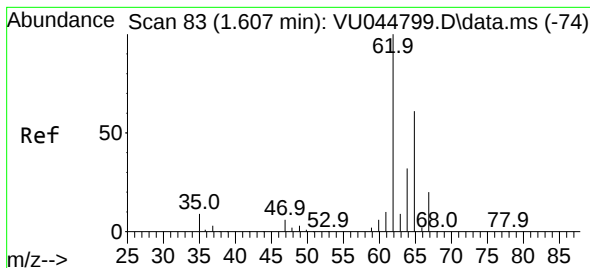
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 25 02:36:00 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 22.597 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044808.D

Acq: 24 Sep 2021 13:37

Tgt Ion: 62 Resp: 70638

Ion Ratio Lower Upper

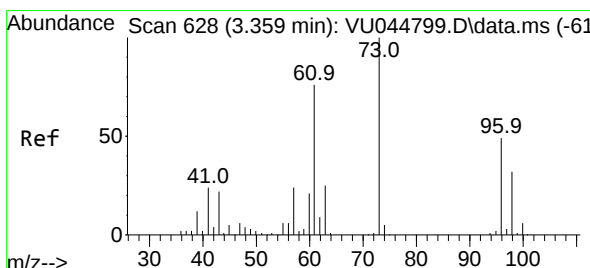
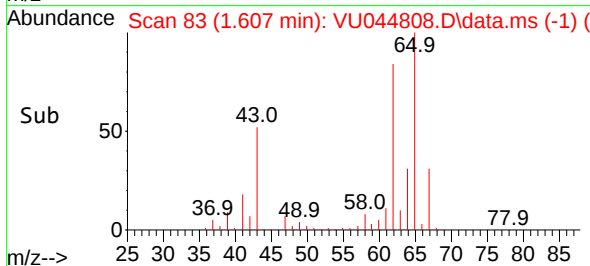
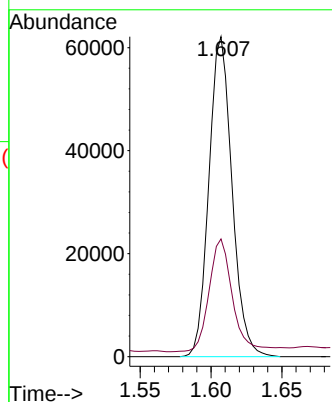
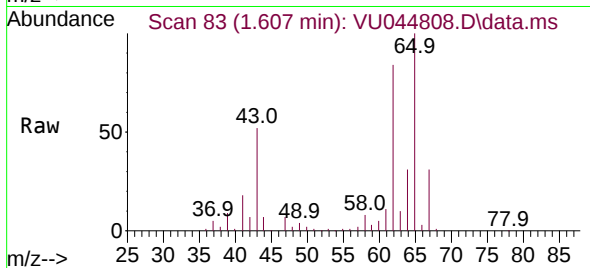
62 100

64 36.8 23.4 43.6

Instrument :

MSVOA_U

ClientSampled :



#17

trans-1,2-Dichloroethene

Concen: 2.001 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU044808.D

Acq: 24 Sep 2021 13:37

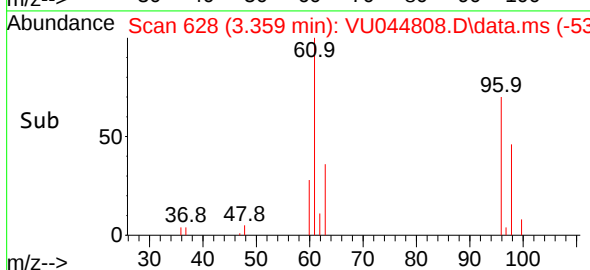
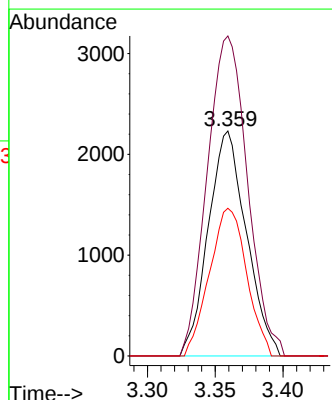
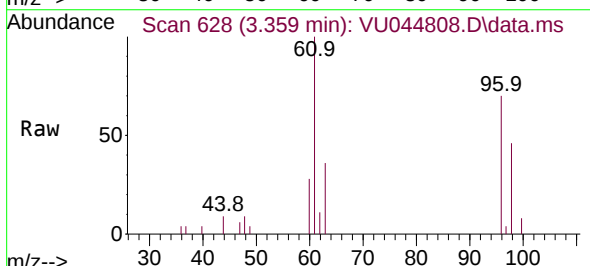
Tgt Ion: 96 Resp: 4364

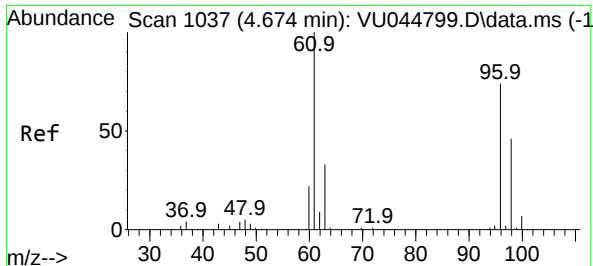
Ion Ratio Lower Upper

96 100

61 142.3 105.1 195.3

98 65.7 43.0 79.8

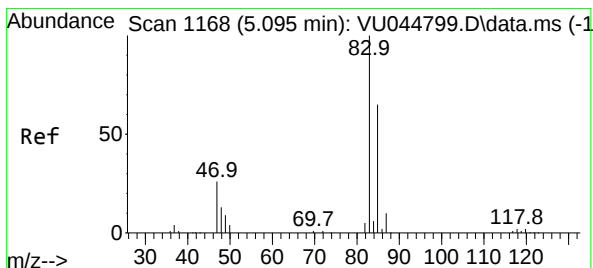
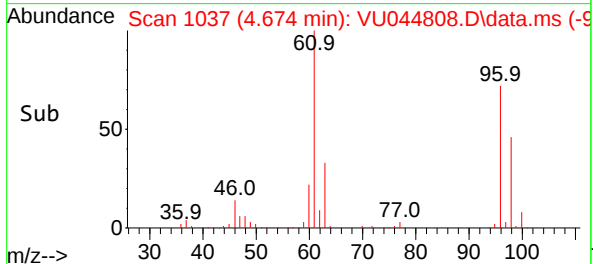
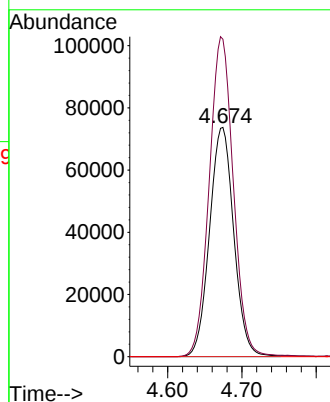
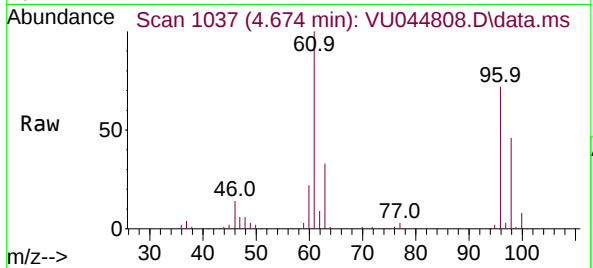




#20
cis-1,2-Dichloroethene
Concen: 69.589 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044808.D
Acq: 24 Sep 2021 13:37

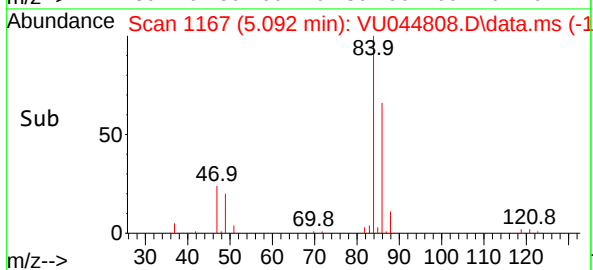
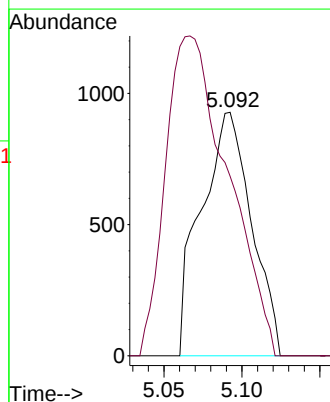
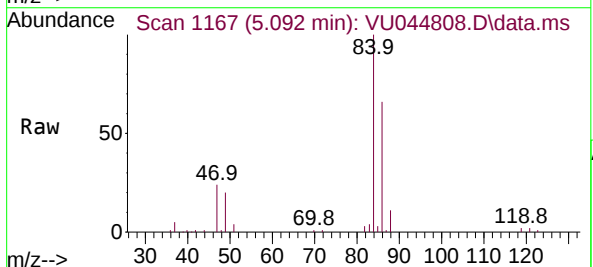
Instrument :
MSVOA_U
ClientSampled :

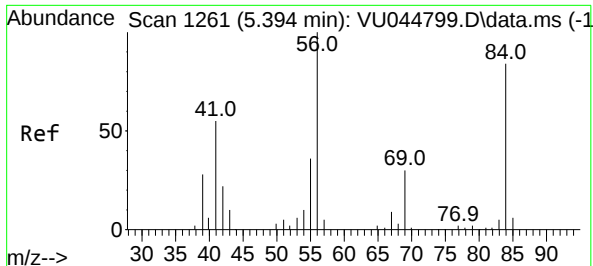
Tgt Ion: 96 Resp: 167231
Ion Ratio Lower Upper
96 100
61 138.5 100.2 186.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.463 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044808.D
Acq: 24 Sep 2021 13:37

Tgt Ion: 83 Resp: 2090
Ion Ratio Lower Upper
83 100
85 73.7 45.6 84.6





#29

Cyclohexane

Concen: 1.500 ug/L

RT: 5.391 min Scan# 1260

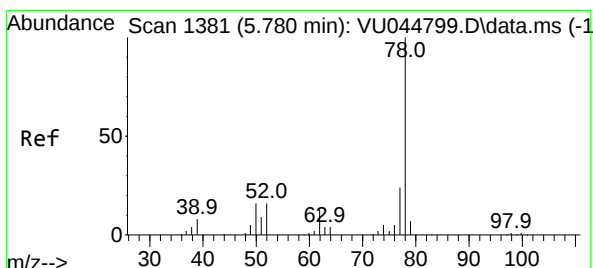
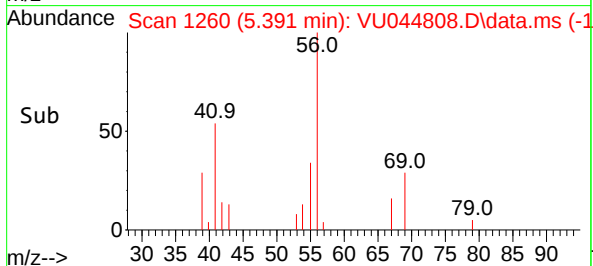
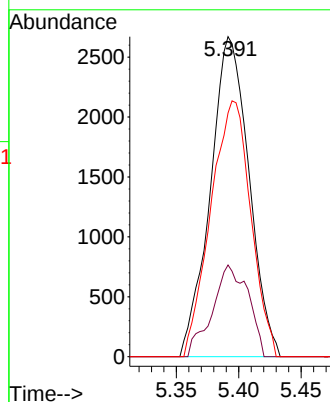
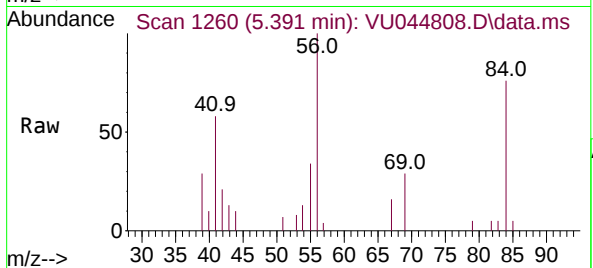
Delta R.T. -0.003 min

Lab File: VU044808.D

Acq: 24 Sep 2021 13:37

Tgt Ion:	56	Resp:	5757
Ion	Ratio	Lower	Upper
56	100		
69	19.7	23.8	35.8#
84	82.8	66.8	100.2

Instrument :
MSVOA_U
ClientSampled :



#33

Benzene

Concen: 0.535 ug/L

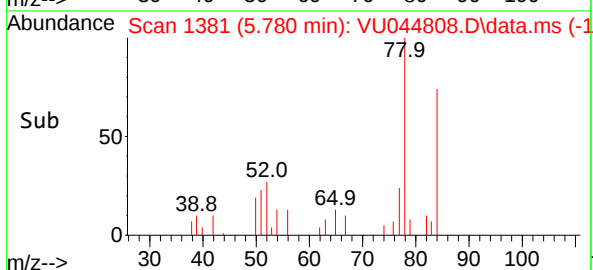
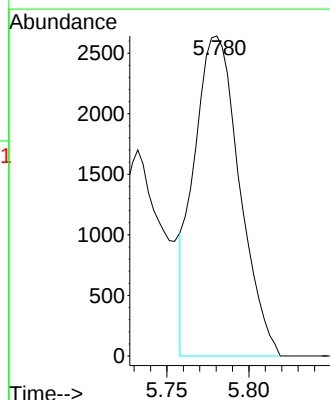
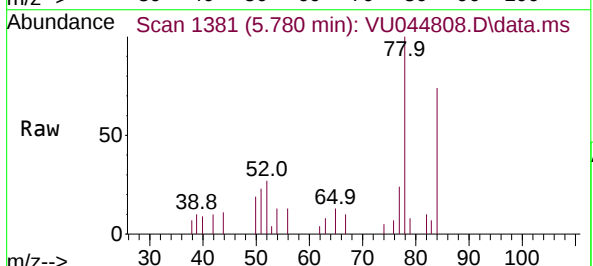
RT: 5.780 min Scan# 1381

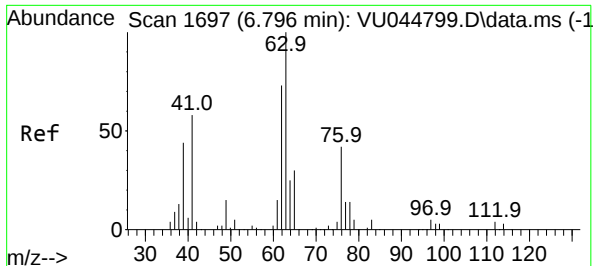
Delta R.T. 0.000 min

Lab File: VU044808.D

Acq: 24 Sep 2021 13:37

Tgt Ion: 78 Resp: 5062

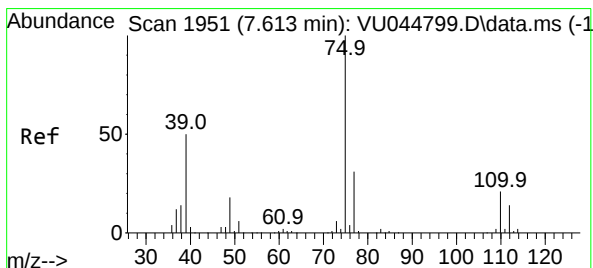
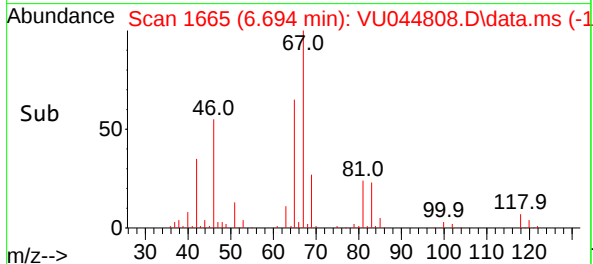
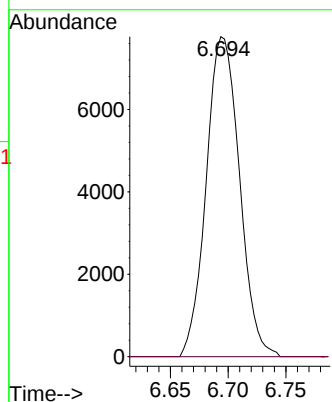
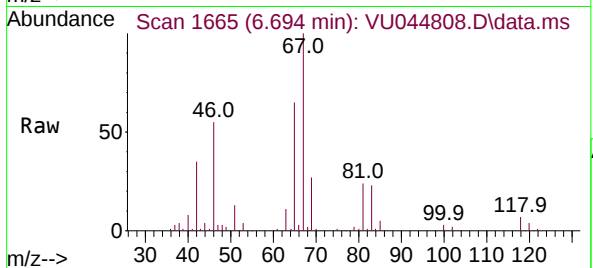




#37
1,2-Dichloropropane
Concen: 6.045 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU044808.D
Acq: 24 Sep 2021 13:37

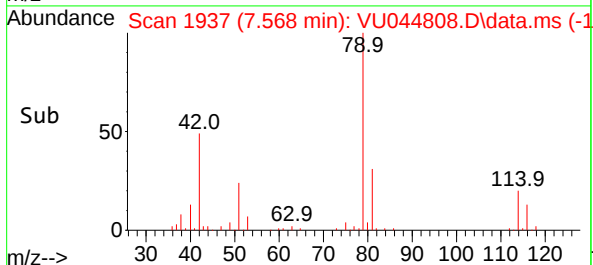
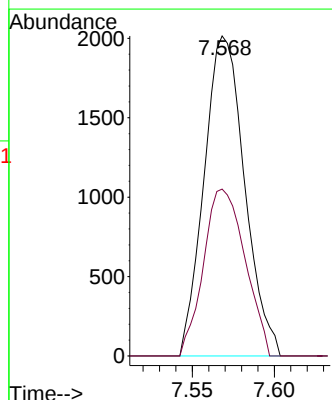
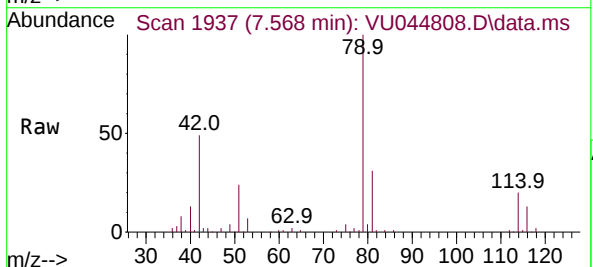
Instrument :
MSVOA_U
ClientSampled :

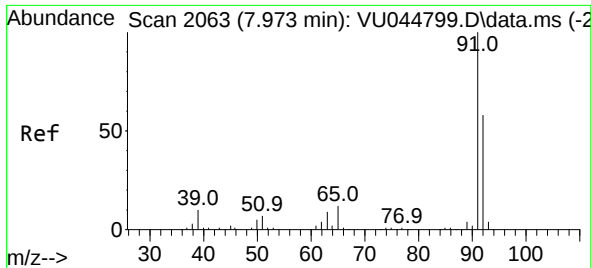
Tgt Ion: 63 Resp: 15583
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.936 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU044808.D
Acq: 24 Sep 2021 13:37

Tgt Ion: 75 Resp: 3454
Ion Ratio Lower Upper
75 100
77 52.2 22.4 41.6#

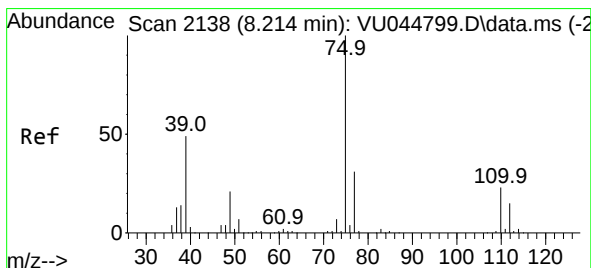
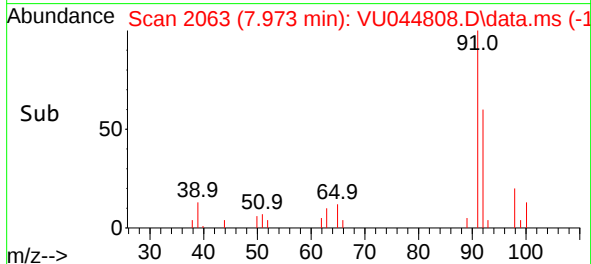
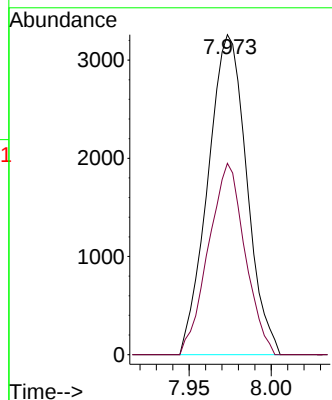
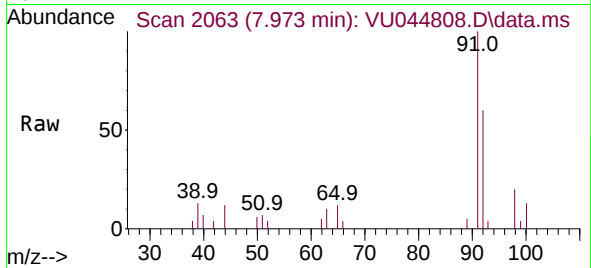




#42
Toluene
Concen: 0.556 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044808.D
Acq: 24 Sep 2021 13:37

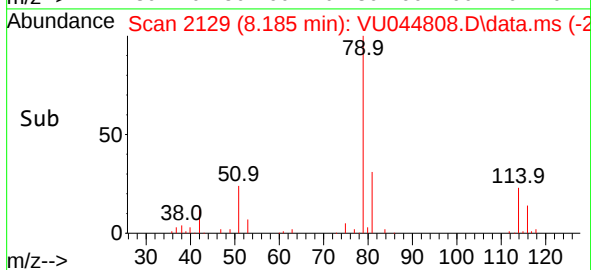
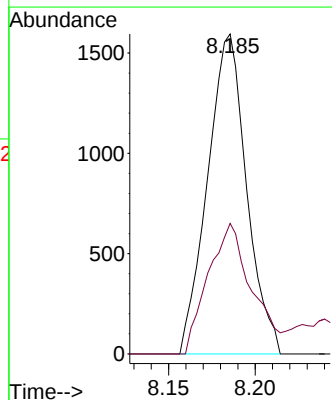
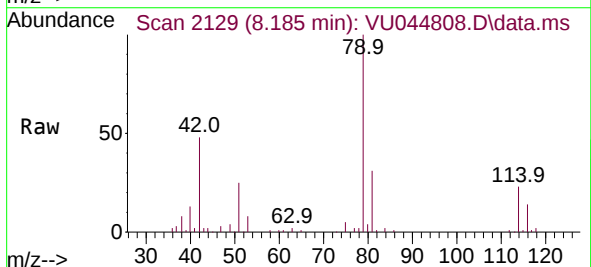
Instrument :
MSVOA_U
ClientSampled :

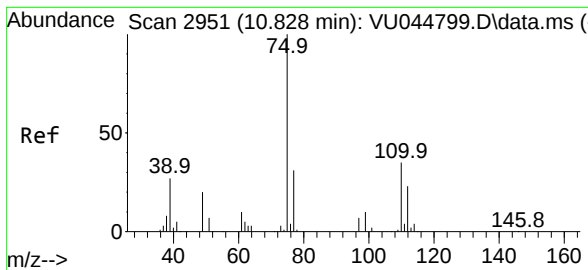
Tgt Ion: 91 Resp: 5348
Ion Ratio Lower Upper
91 100
92 59.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044808.D
Acq: 24 Sep 2021 13:37

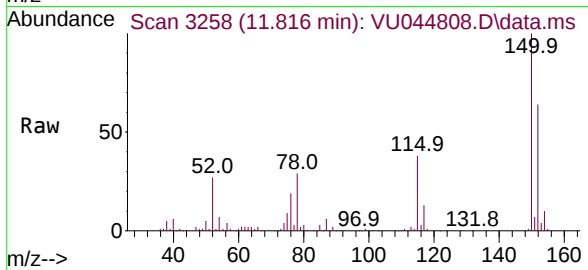
Tgt Ion: 75 Resp: 2495
Ion Ratio Lower Upper
75 100
77 40.8 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.949 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044808.D
 Acq: 24 Sep 2021 13:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	15026
Ion Ratio	Lower	Upper	
75	100		
77	32.7	25.5	38.3
110	1.8	29.0	43.4#

