

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046083.D
 Acq On : 03 Dec 2021 18:47
 Operator : SY/MD
 Sample : M4869-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:09:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

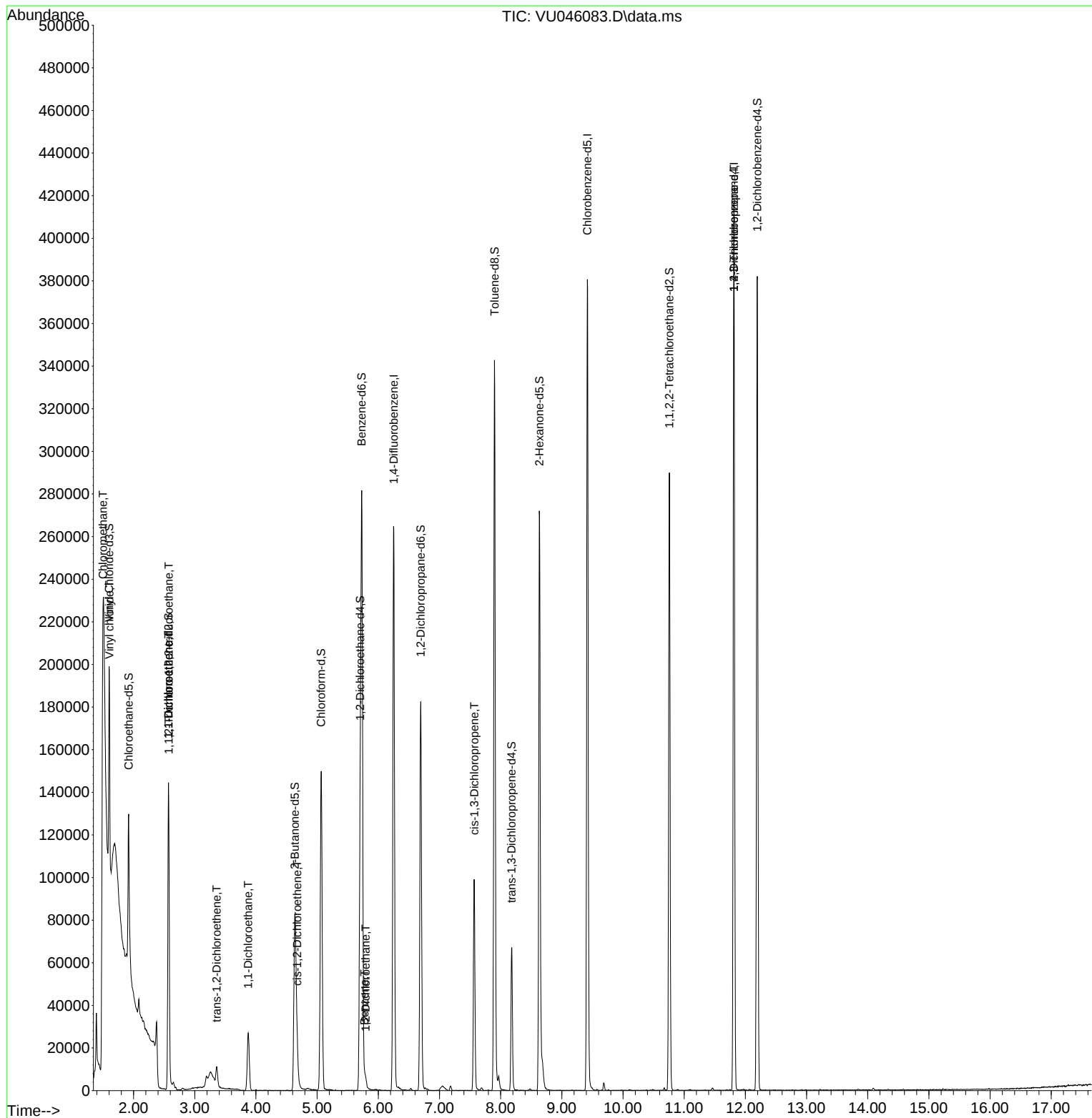
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	220872	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108250	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	57760	31.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.500%
7) Chloroethane-d5	1.919	69	50297	36.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.020%
11) 1,1-Dichloroethene-d2	2.572	63	85462	26.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.340%#
21) 2-Butanone-d5	4.636	46	138545	95.789	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.790%
24) Chloroform-d	5.067	84	136711	44.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.703	65	89703	43.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.980%
32) Benzene-d6	5.729	84	263022	42.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.280%
36) 1,2-Dichloropropane-d6	6.694	67	88255	45.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	7.899	98	233427	41.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.140%
43) trans-1,3-Dichloroprop...	8.179	79	39051	41.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.640%
47) 2-Hexanone-d5	8.632	63	99759	108.761	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	143392	48.876	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	101116	48.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.498	50	4619	2.149	ug/L #	41
5) Vinyl chloride	1.607	62	15149	6.990	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	784	0.488	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	537	0.352	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	3138	1.942	ug/L	91
19) 1,1-Dichloroethane	3.874	63	32283	10.986	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	4421	2.521	ug/L	98
27) 1,2-Dichloroethane	5.793	62	2919	1.205	ug/L #	93
33) Benzene	5.774	78	5462	0.829	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	2498	0.951	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	13315	5.611	ug/L #	65

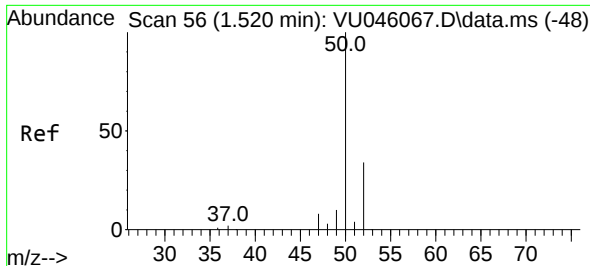
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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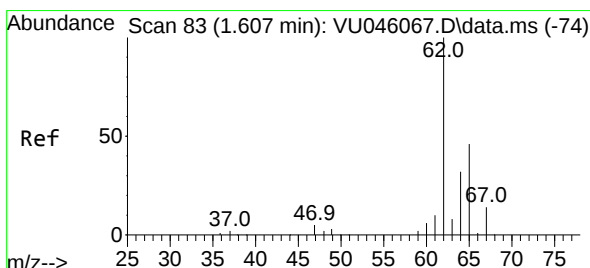
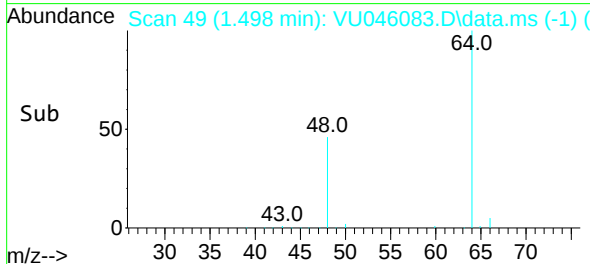
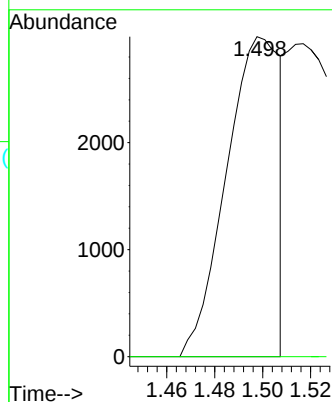
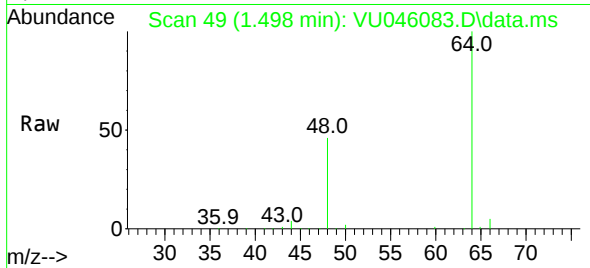




#3
Chloromethane
Concen: 2.149 ug/L
RT: 1.498 min Scan# 49
Delta R.T. -0.022 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

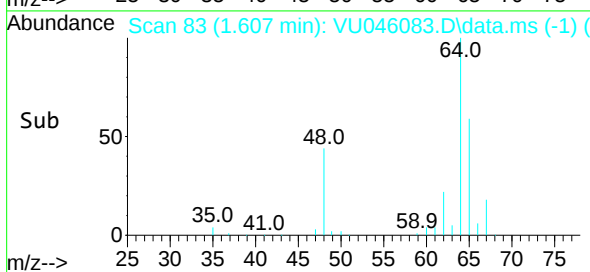
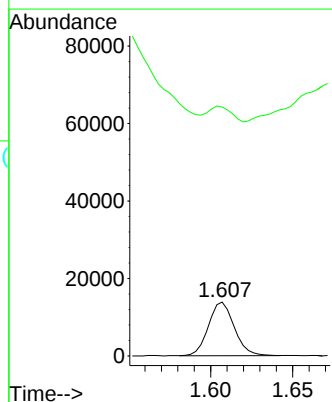
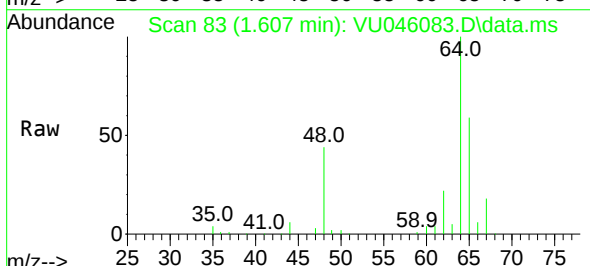
Instrument :
MSVOA_U
ClientSampleId :

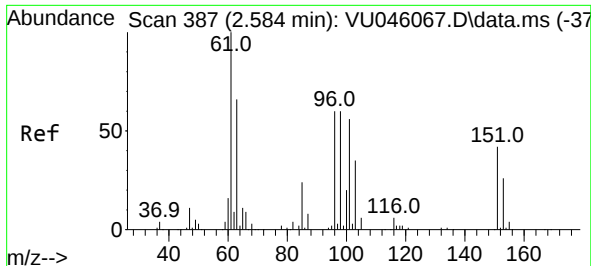
Tgt Ion: 50 Resp: 4619
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.2#



#5
Vinyl chloride
Concen: 6.990 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

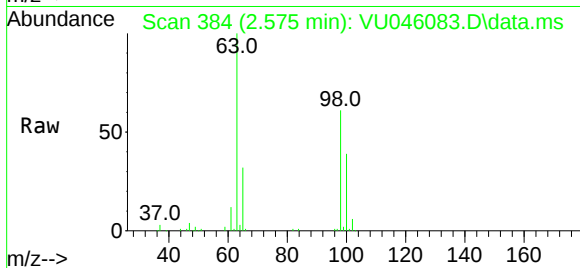
Tgt Ion: 62 Resp: 15149
Ion Ratio Lower Upper
62 100
64 462.0 22.9 42.5#



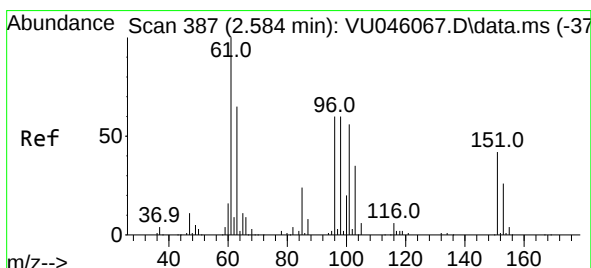
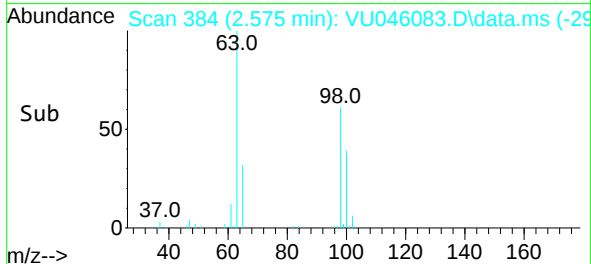
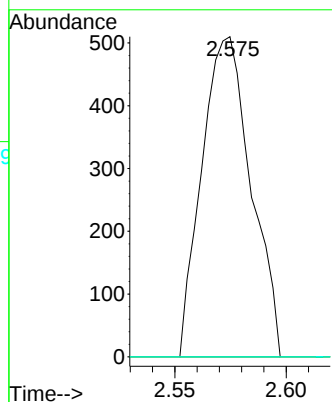


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.488 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

Instrument :
MSVOA_U
ClientSampleId :

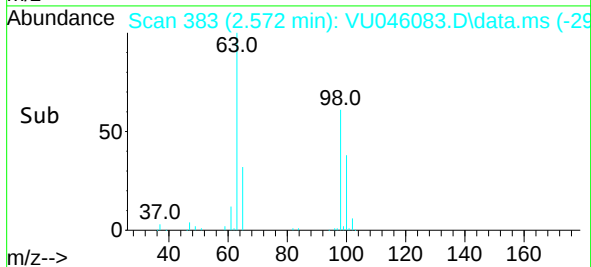
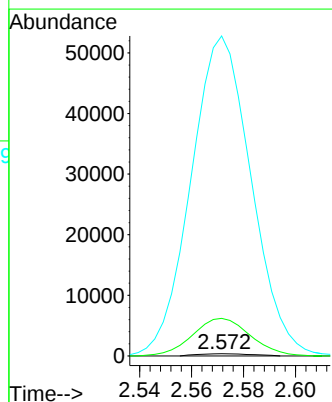
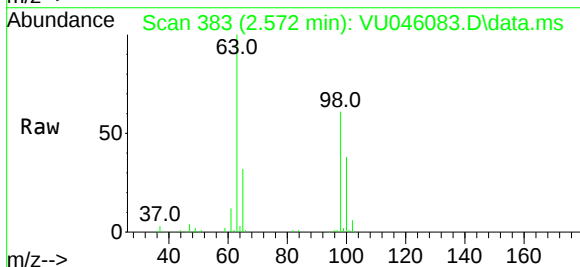


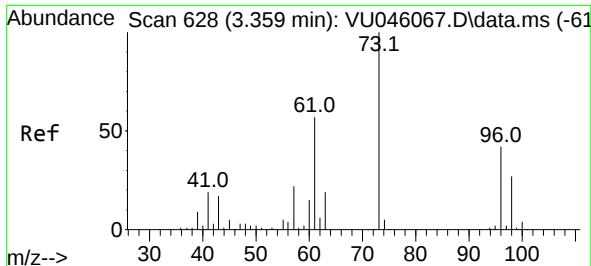
Tgt Ion:101 Resp: 784
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.352 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

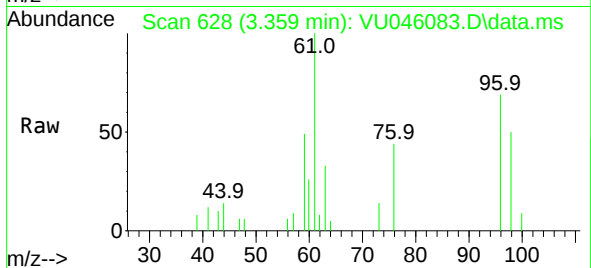
Tgt Ion: 96 Resp: 537
Ion Ratio Lower Upper
96 100
61 1706.3 118.6 220.2#
63 14543.3 93.0 172.8#





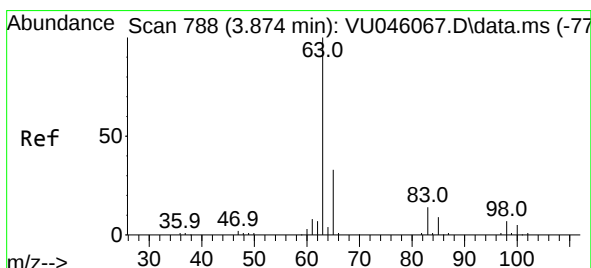
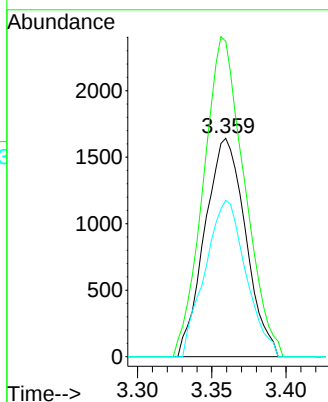
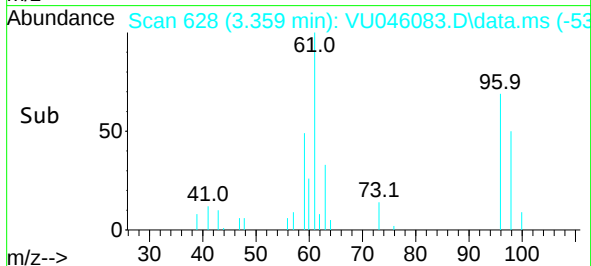
#17
trans-1,2-Dichloroethene
Concen: 1.942 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

Instrument :
MSVOA_U
ClientSampleId :

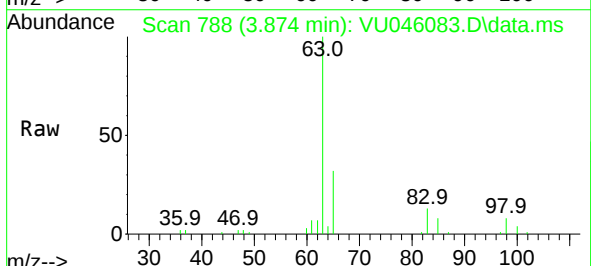


Tgt Ion: 96 Resp: 3138

Ion	Ratio	Lower	Upper
96	100		
61	144.5	94.6	175.6
98	71.6	44.0	81.8

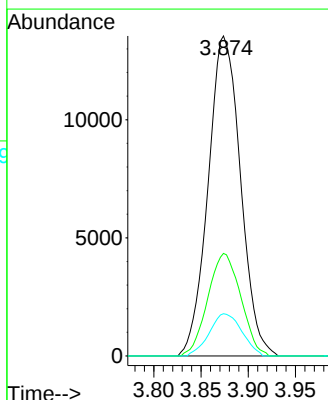
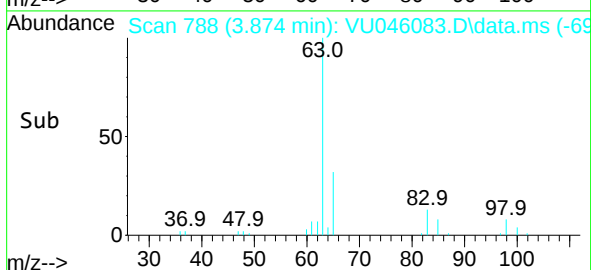


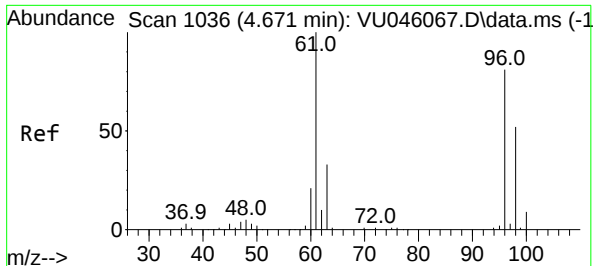
#19
1,1-Dichloroethane
Concen: 10.986 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47



Tgt Ion: 63 Resp: 32283

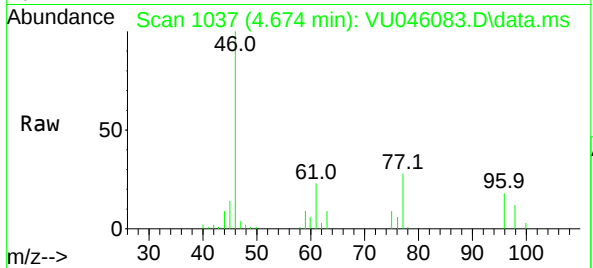
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.8	42.4
83	13.2	9.6	17.8





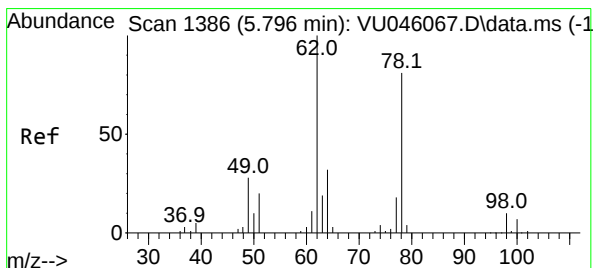
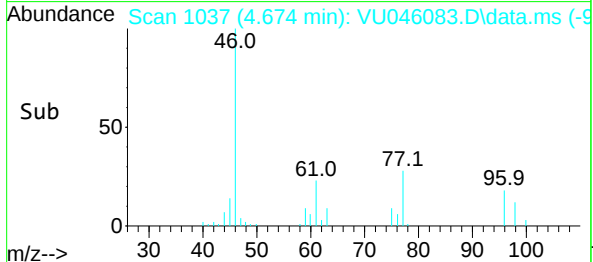
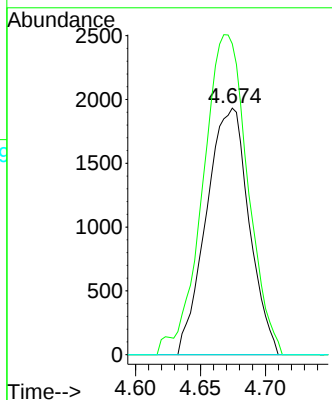
#20
 cis-1,2-Dichloroethene
 Concen: 2.521 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU046083.D
 Acq: 03 Dec 2021 18:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 4421

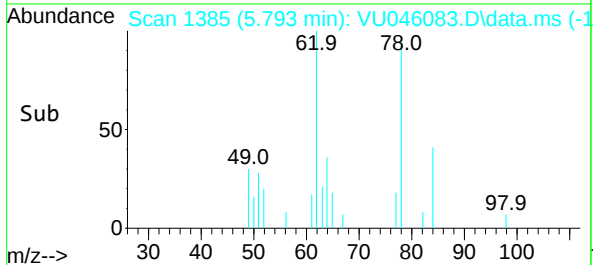
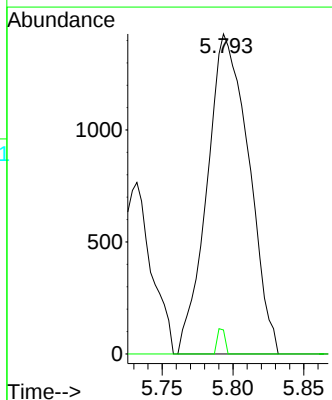
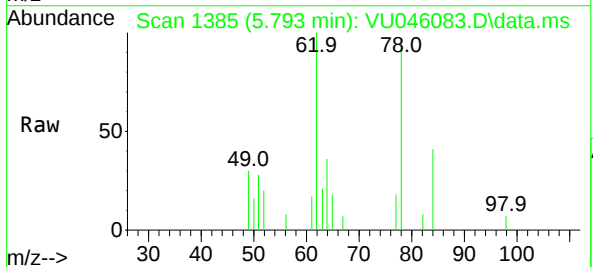
Ion	Ratio	Lower	Upper
96	100		
61	126.1	86.8	161.2
68	0.0	0.0	0.0

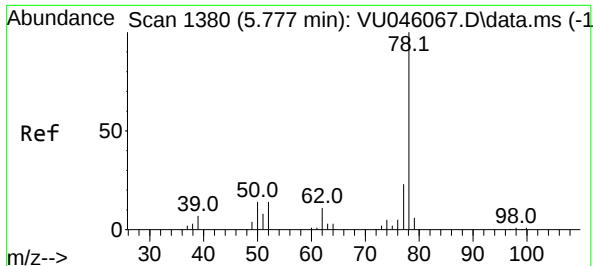


#27
 1,2-Dichloroethane
 Concen: 1.205 ug/L
 RT: 5.793 min Scan# 1385
 Delta R.T. -0.006 min
 Lab File: VU046083.D
 Acq: 03 Dec 2021 18:47

Tgt Ion: 62 Resp: 2919

Ion	Ratio	Lower	Upper
62	100		
98	7.5	7.9	11.9

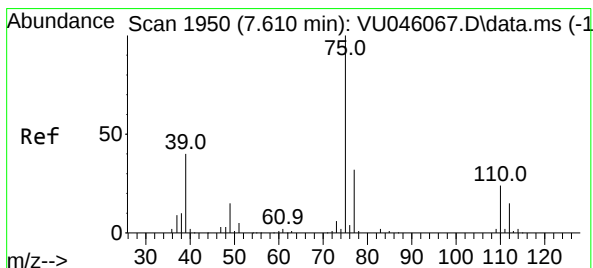
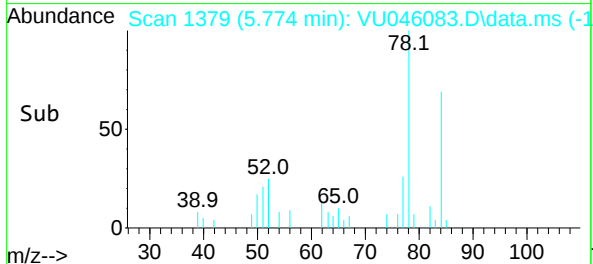
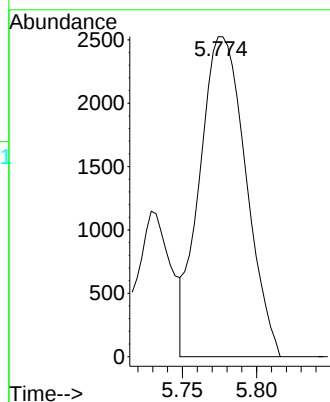
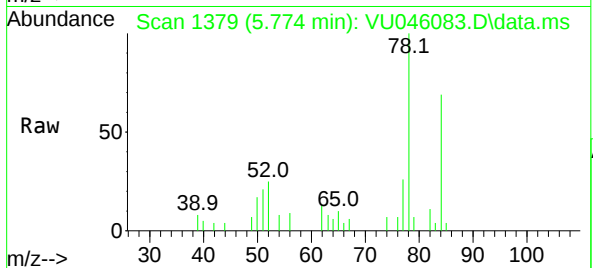




#33
Benzene
Concen: 0.829 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

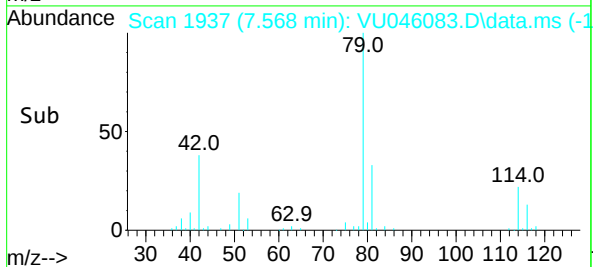
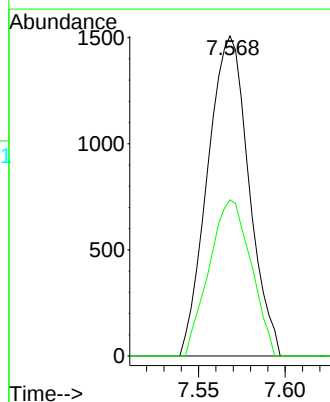
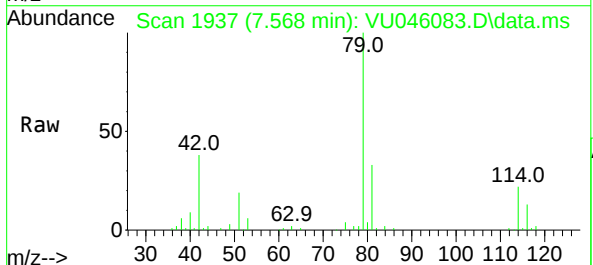
Instrument :
MSVOA_U
ClientSampleId :

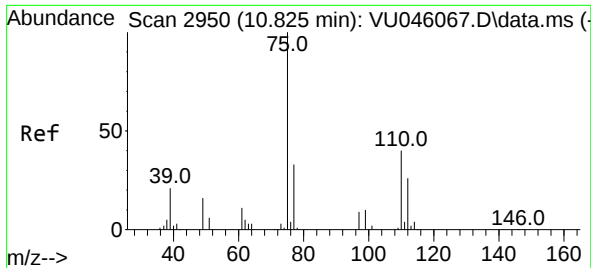
Tgt Ion: 78 Resp: 5462



#39
cis-1,3-Dichloropropene
Concen: 0.951 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046083.D
Acq: 03 Dec 2021 18:47

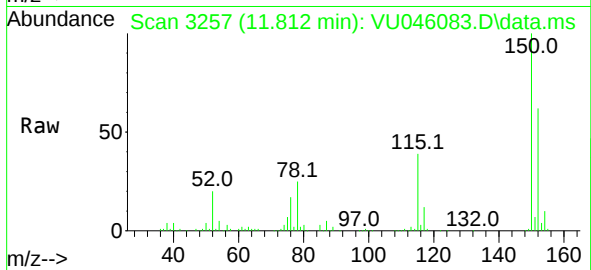
Tgt Ion: 75 Resp: 2498
Ion Ratio Lower Upper
75 100
77 48.8 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.611 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046083.D
 Acq: 03 Dec 2021 18:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	13315
Ion	Ratio	Lower Upper
75	100	
77	31.5	26.4 39.6
110	2.2	32.4 48.6#

