

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046082.D
 Acq On : 03 Dec 2021 18:24
 Operator : SY/MD
 Sample : M4869-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:08:56 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)

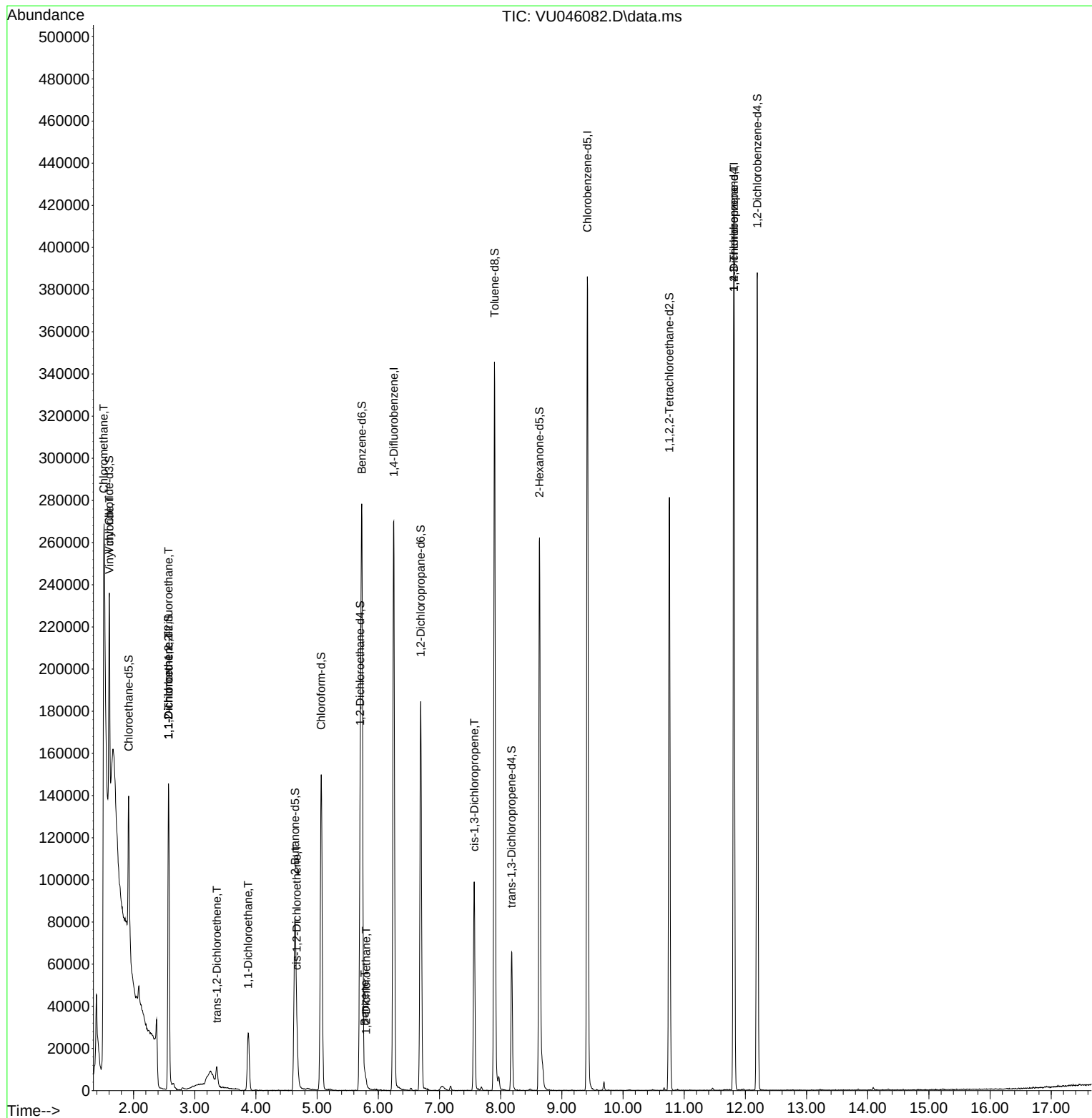
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	225218	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57680	31.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.180%
7) Chloroethane-d5	1.919	69	50332	35.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.660%
11) 1,1-Dichloroethene-d2	2.571	63	85603	25.703	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.400%#
21) 2-Butanone-d5	4.639	46	134611	91.273	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.270%
24) Chloroform-d	5.067	84	135243	43.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.300%
26) 1,2-Dichloroethane-d4	5.703	65	89604	43.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
32) Benzene-d6	5.732	84	263944	42.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.020%
36) 1,2-Dichloropropane-d6	6.693	67	87364	44.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.740%
41) Toluene-d8	7.899	98	233245	40.777	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.560%
43) trans-1,3-Dichloroprop...	8.179	79	37881	40.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.600%
47) 2-Hexanone-d5	8.632	63	98313	106.499	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141354	47.873	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	100276	47.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
3) Chloromethane	1.514	50	11880	5.421	ug/L #	41
5) Vinyl chloride	1.607	62	15772	7.137	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	775	0.473	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	566	0.363	ug/L #	1
17) trans-1,2-Dichloroethene	3.362	96	3161	1.918	ug/L	94
19) 1,1-Dichloroethane	3.874	63	32024	10.688	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	4425	2.475	ug/L	90
27) 1,2-Dichloroethane	5.800	62	2933	1.187	ug/L #	73
33) Benzene	5.777	78	5236	0.789	ug/L	100
39) cis-1,3-Dichloropropene	7.571	75	2349	0.889	ug/L #	62
60) 1,2,3-Trichloropropane	11.812	75	13117	5.459	ug/L #	66

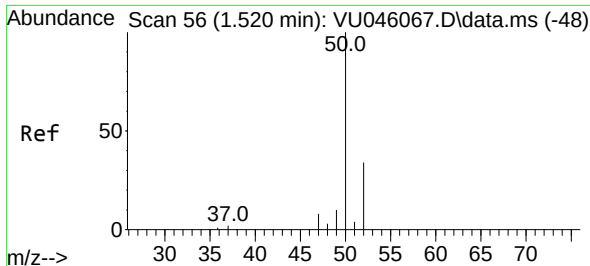
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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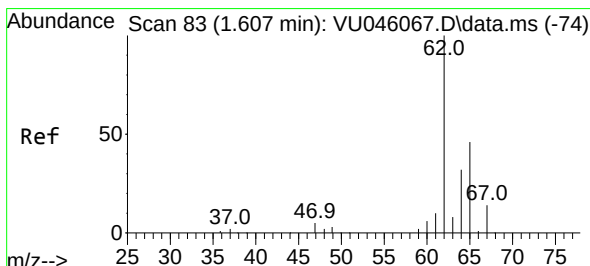
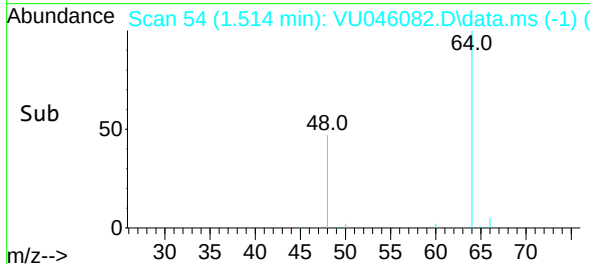
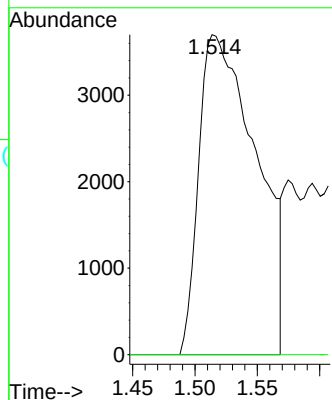
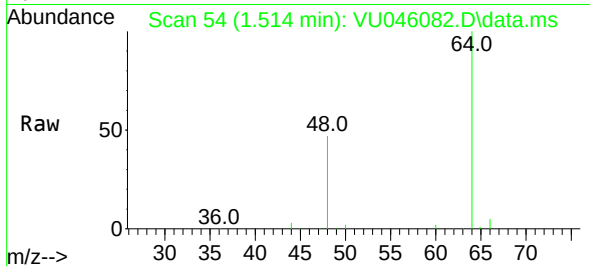




#3
Chloromethane
Concen: 5.421 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.007 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

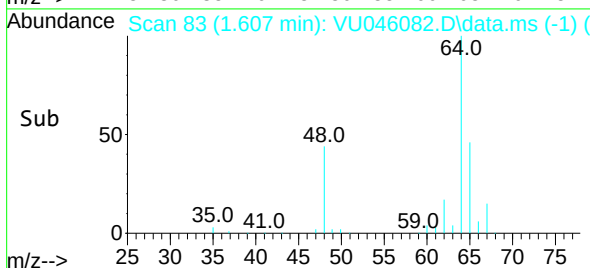
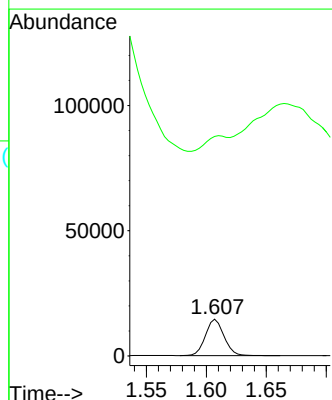
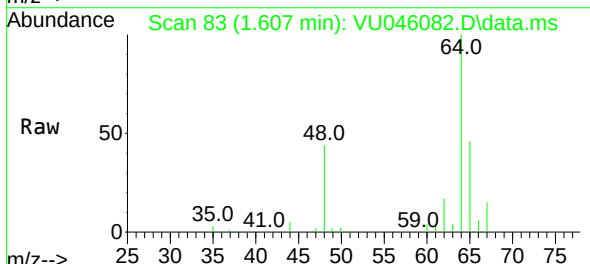
Instrument :
MSVOA_U
ClientSampleId :

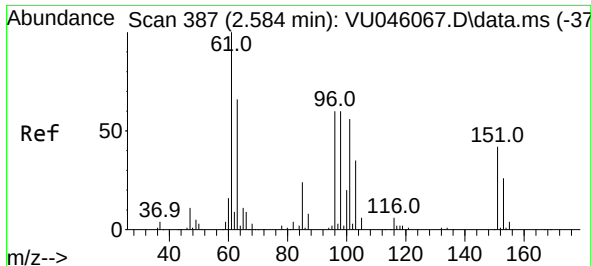
Tgt Ion: 50 Resp: 11880
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.2#



#5
Vinyl chloride
Concen: 7.137 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

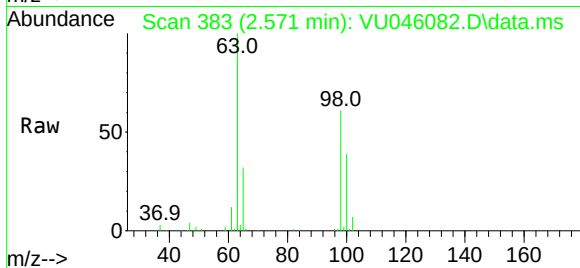
Tgt Ion: 62 Resp: 15772
Ion Ratio Lower Upper
62 100
64 596.4 22.9 42.5#



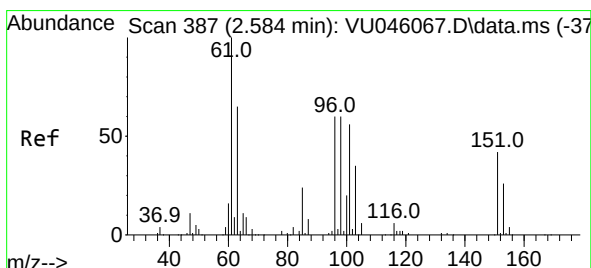
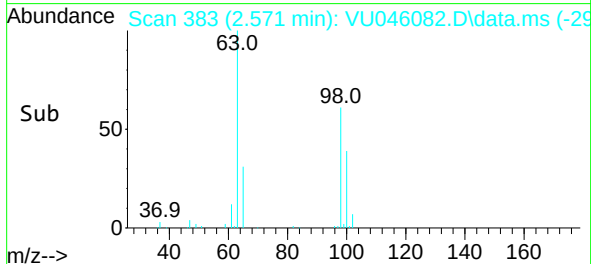
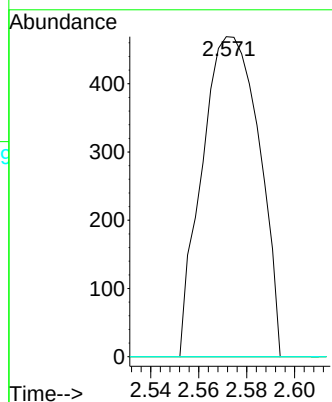


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.473 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046082.D
 Acq: 03 Dec 2021 18:24

Instrument :
 MSVOA_U
 ClientSampleId :

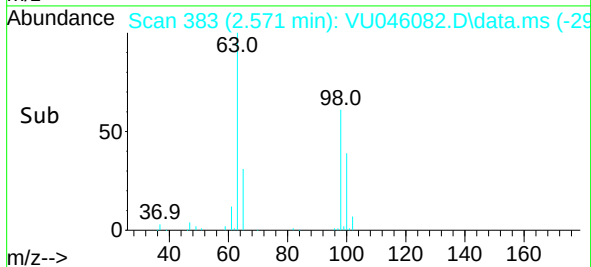
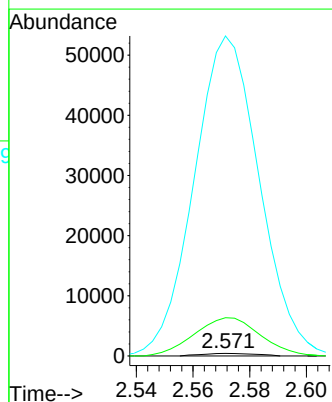
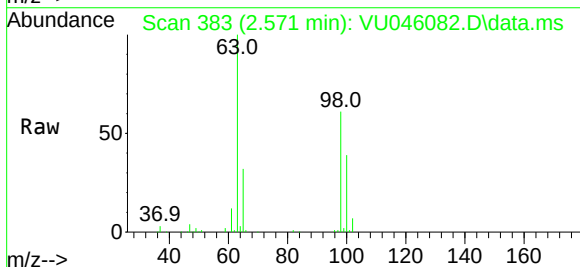


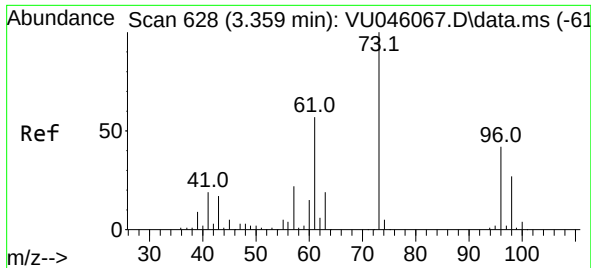
Tgt Ion:101 Resp: 775
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.363 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046082.D
 Acq: 03 Dec 2021 18:24

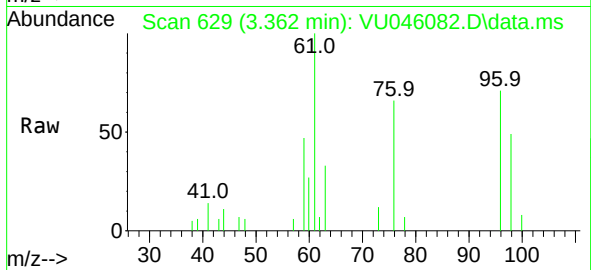
Tgt Ion: 96 Resp: 566
 Ion Ratio Lower Upper
 96 100
 61 1490.9 118.6 220.2#
 63 12457.1 93.0 172.8#



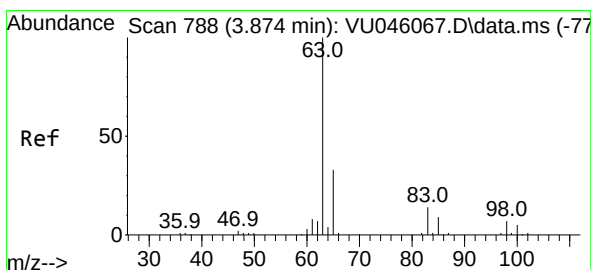
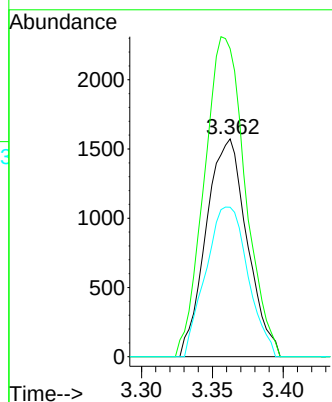
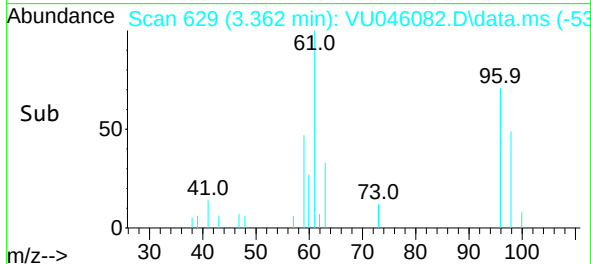


#17
trans-1,2-Dichloroethene
Concen: 1.918 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

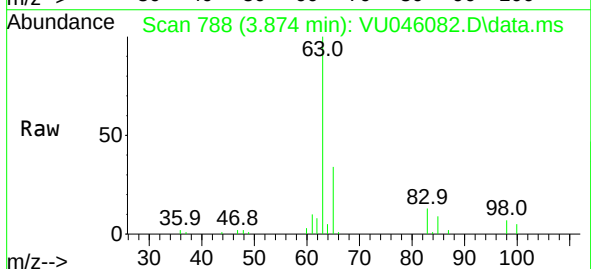
Instrument :
MSVOA_U
ClientSampleId :



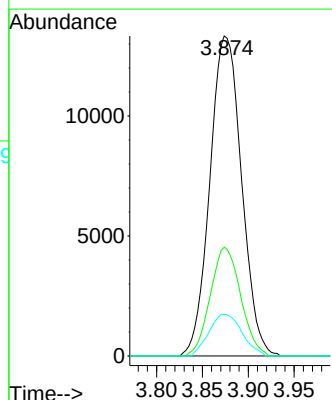
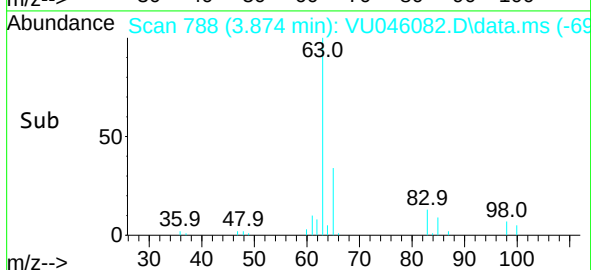
Tgt Ion:	96	Resp:	3161
Ion	Ratio	Lower	Upper
96	100		
61	141.4	94.6	175.6
98	68.6	44.0	81.8

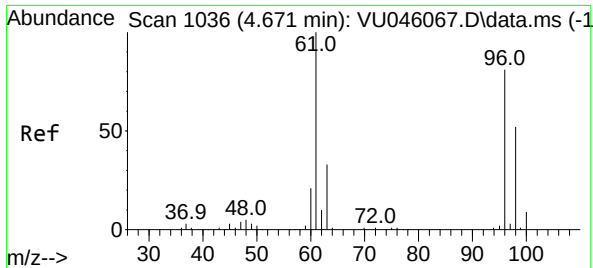


#19
1,1-Dichloroethane
Concen: 10.688 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24



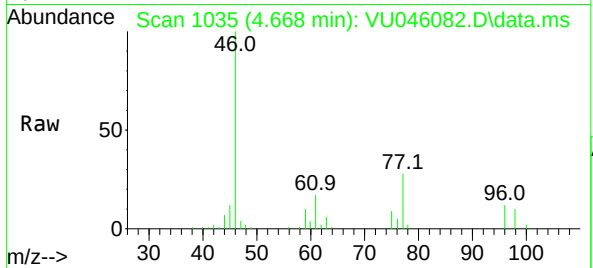
Tgt Ion:	63	Resp:	32024
Ion	Ratio	Lower	Upper
63	100		
65	34.0	22.8	42.4
83	13.0	9.6	17.8



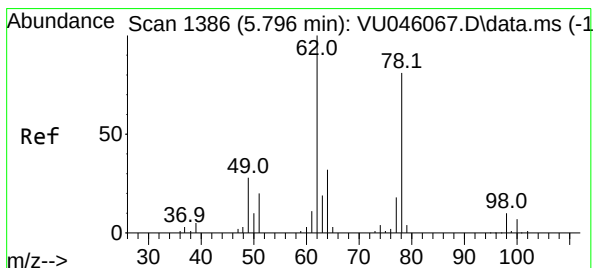
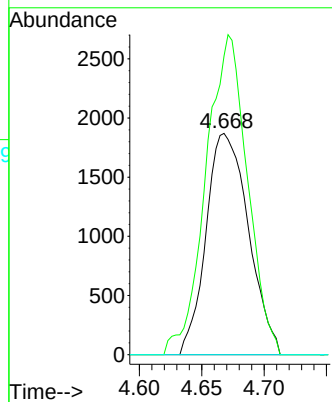
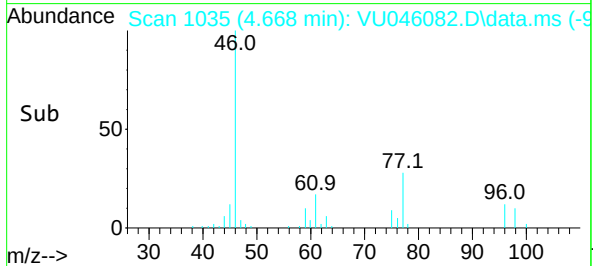


#20
cis-1,2-Dichloroethene
Concen: 2.475 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

Instrument :
MSVOA_U
ClientSampleId :

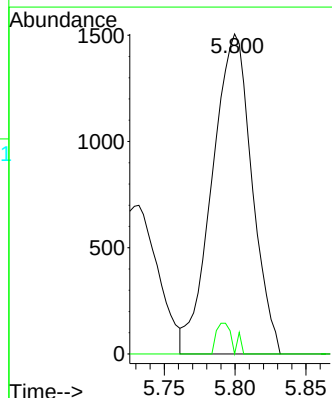
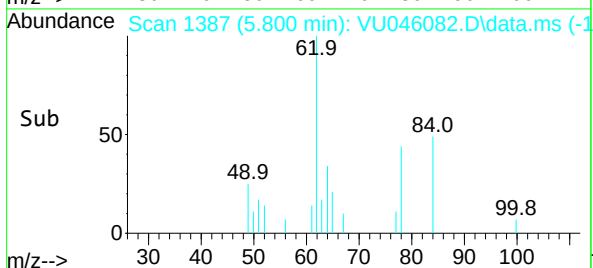
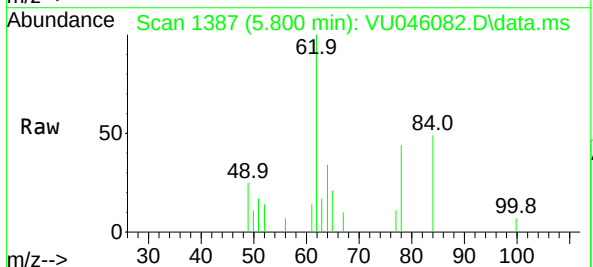


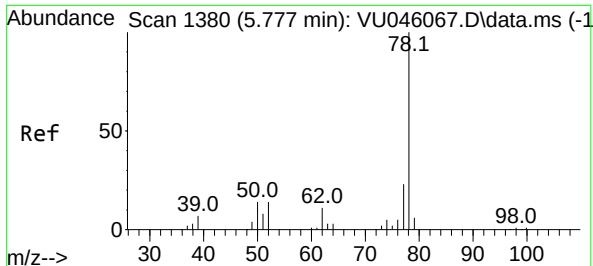
Tgt Ion: 96 Resp: 4425
Ion Ratio Lower Upper
96 100
61 135.0 86.8 161.2
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 1.187 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

Tgt Ion: 62 Resp: 2933
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9

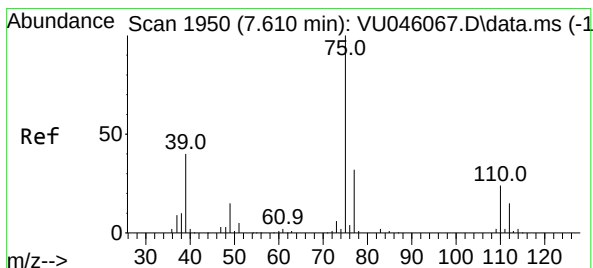
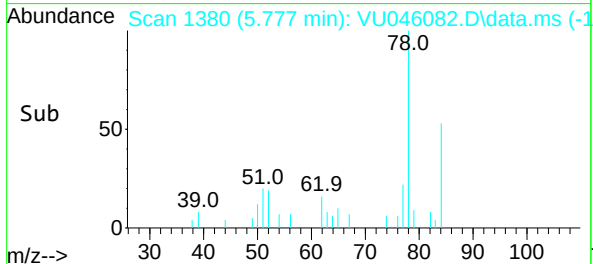
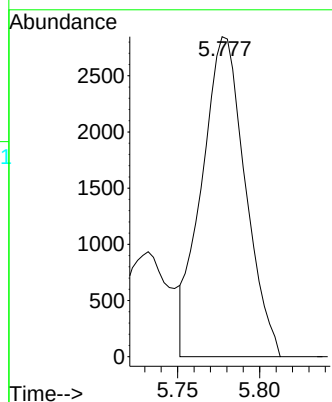
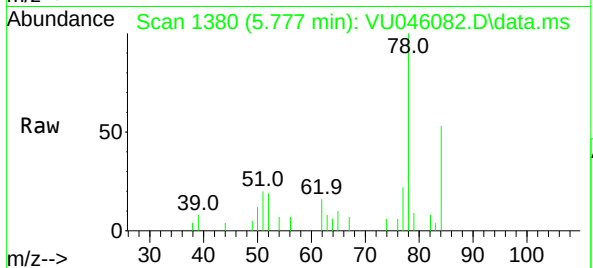




#33
Benzene
Concen: 0.789 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

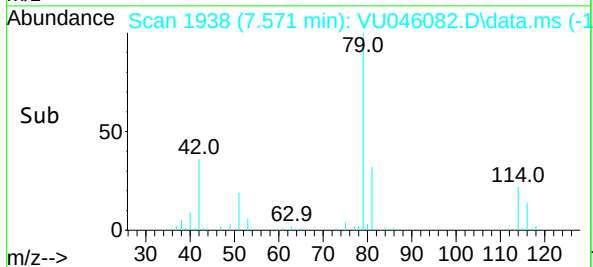
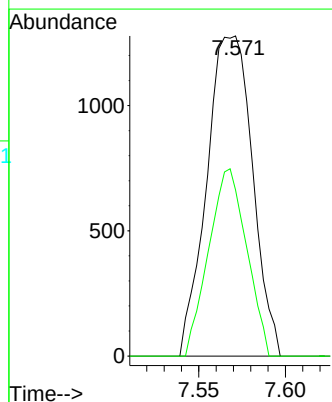
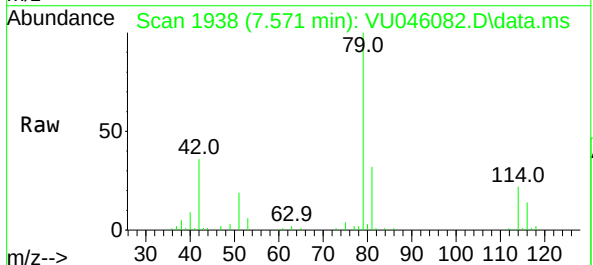
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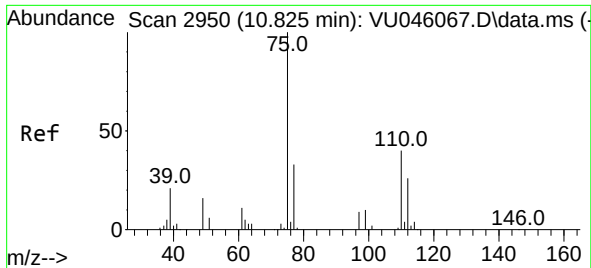
Tgt Ion: 78 Resp: 5236



#39
cis-1,3-Dichloropropene
Concen: 0.889 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU046082.D
Acq: 03 Dec 2021 18:24

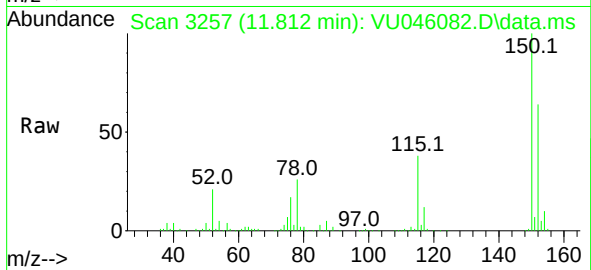
Tgt Ion: 75 Resp: 2349
Ion Ratio Lower Upper
75 100
77 51.9 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.459 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046082.D
 Acq: 03 Dec 2021 18:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	13117
Ion	Ratio	Lower Upper
75	100	
77	33.7	26.4 39.6
110	2.6	32.4 48.6#

