

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046080.D
 Acq On : 03 Dec 2021 17:39
 Operator : SY/MD
 Sample : M4869-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:08:42 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)

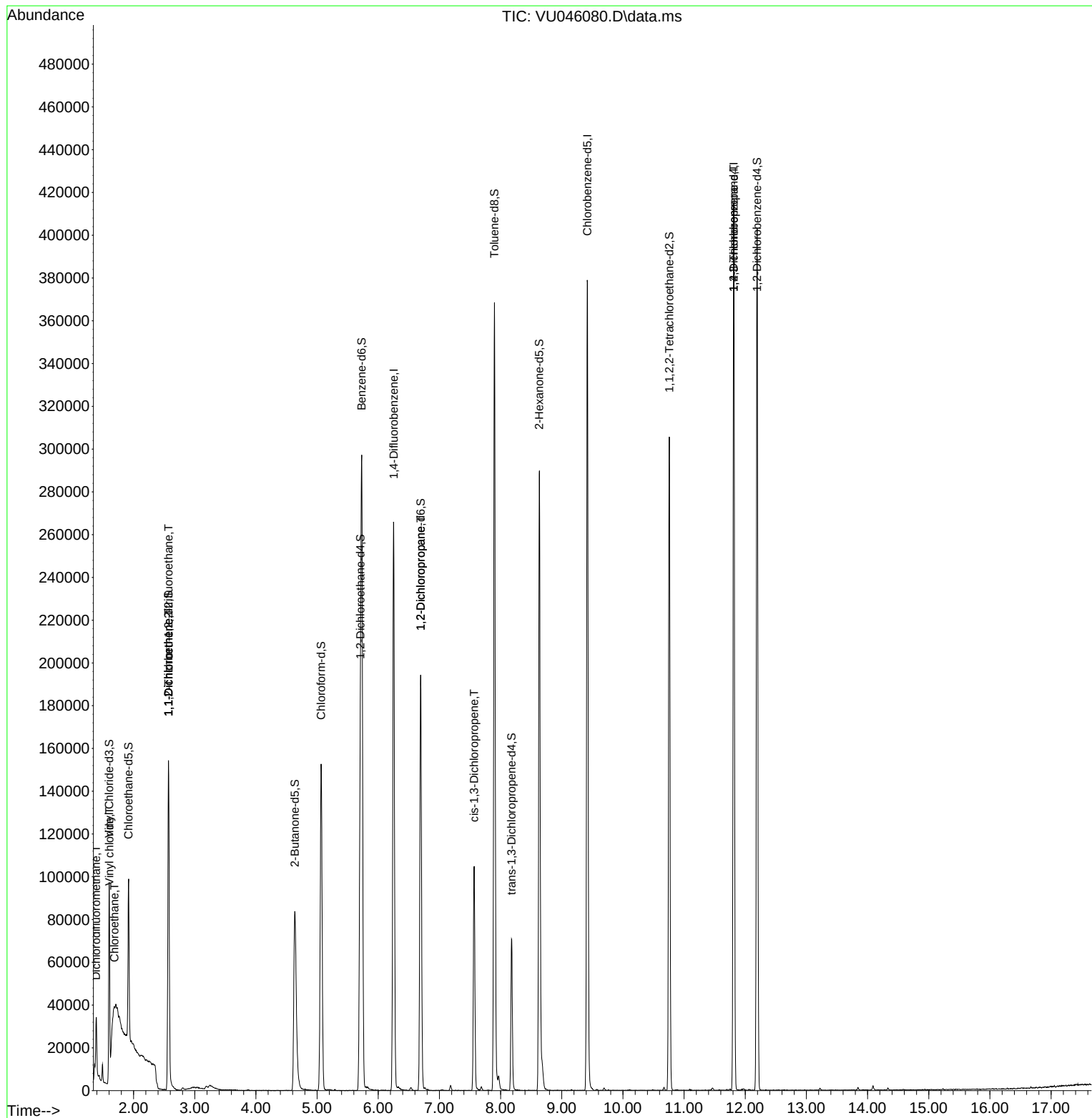
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	220838	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217910	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109104	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61462	33.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.580%
7) Chloroethane-d5	1.915	69	52593	37.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.300%
11) 1,1-Dichloroethene-d2	2.571	63	91437	27.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.000%#
21) 2-Butanone-d5	4.636	46	147668	102.112	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.110%
24) Chloroform-d	5.066	84	143066	47.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
26) 1,2-Dichloroethane-d4	5.706	65	93398	45.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
32) Benzene-d6	5.729	84	278947	44.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
36) 1,2-Dichloropropane-d6	6.693	67	93358	48.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.460%
41) Toluene-d8	7.899	98	250551	44.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	8.179	79	40756	43.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.240%
47) 2-Hexanone-d5	8.632	63	107039	116.631	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	149677	50.989	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	105647	50.281	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3183	1.325	ug/L	100
5) Vinyl chloride	1.607	62	4698	2.168	ug/L #	28
8) Chloroethane	1.684	64	86119	68.641	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	749	0.466	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	771	0.505	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	9891	5.725	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2469	0.939	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	12863	5.378	ug/L #	64

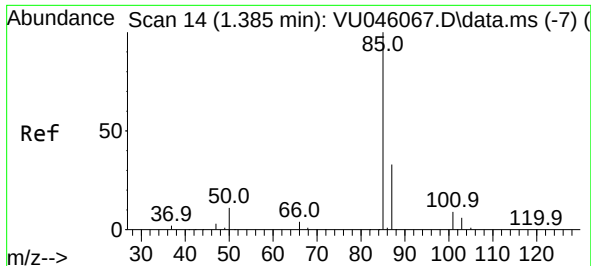
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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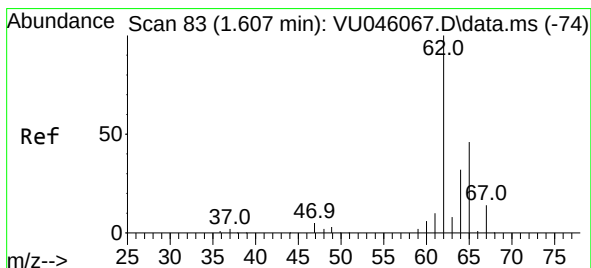
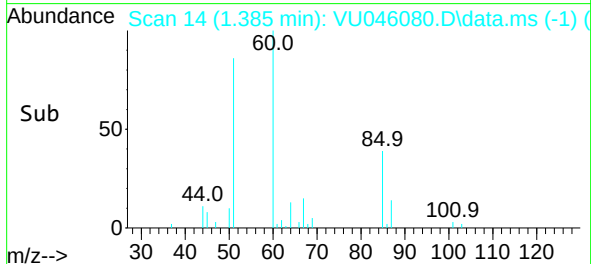
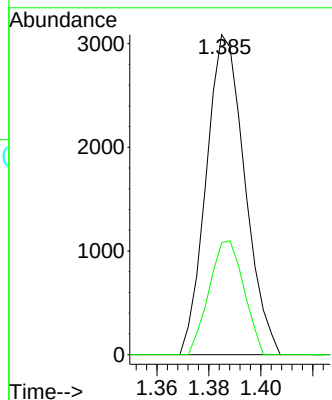
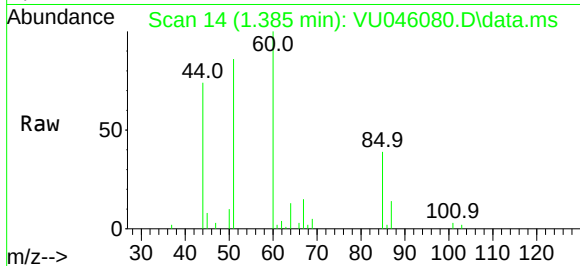




#2
Dichlorodifluoromethane
Concen: 1.325 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046080.D
Acq: 03 Dec 2021 17:39

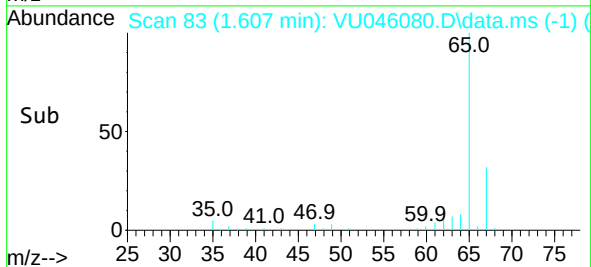
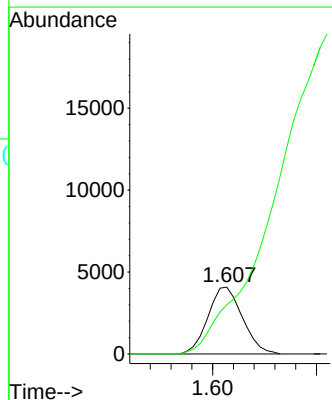
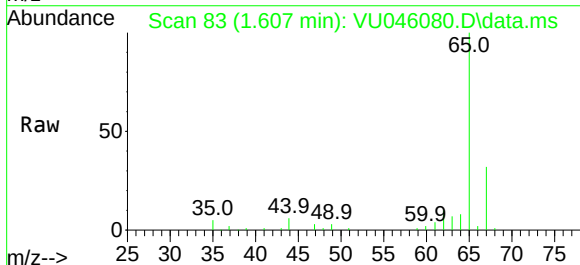
Instrument :
MSVOA_U
ClientSampleId :

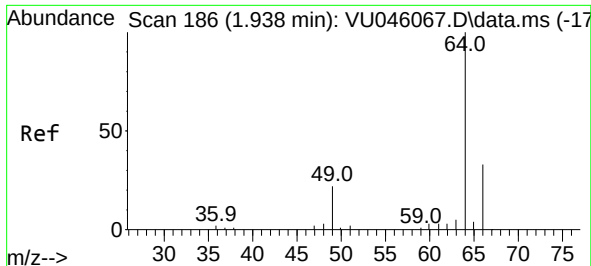
Tgt Ion: 85 Resp: 3183
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5



#5
Vinyl chloride
Concen: 2.168 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046080.D
Acq: 03 Dec 2021 17:39

Tgt Ion: 62 Resp: 4698
Ion Ratio Lower Upper
62 100
64 73.3 22.9 42.5#

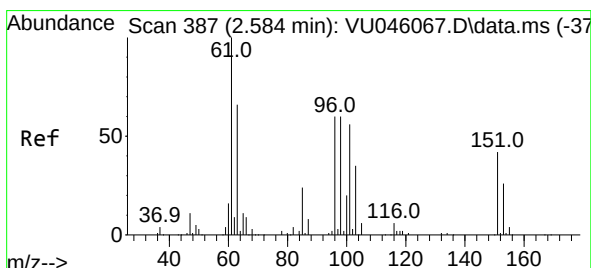
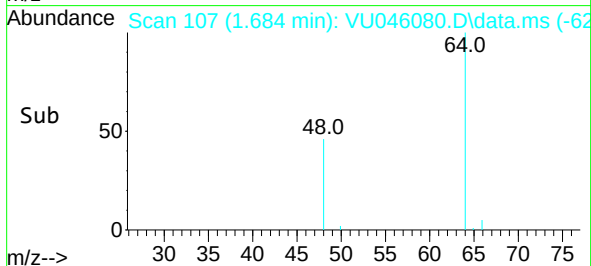
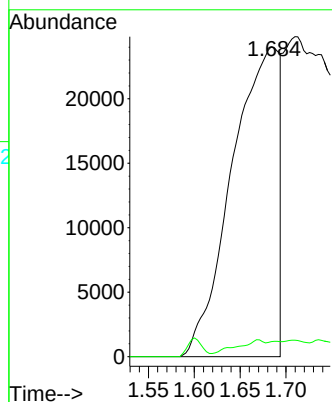
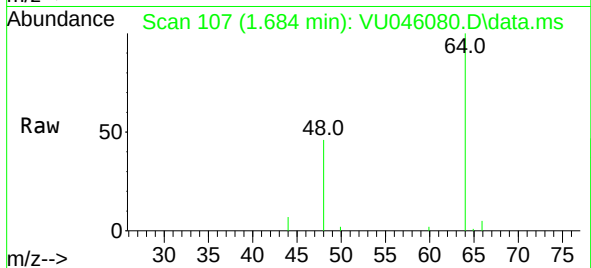




#8
Chloroethane
Concen: 68.641 ug/L
RT: 1.684 min Scan# 10
Delta R.T. -0.254 min
Lab File: VU046080.D
Acq: 03 Dec 2021 17:39

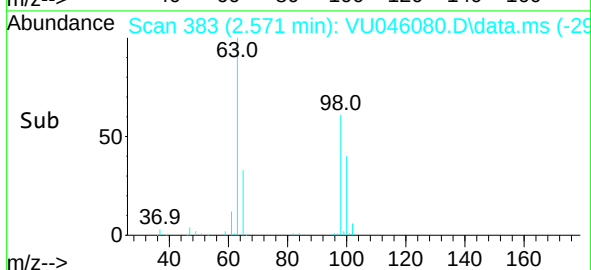
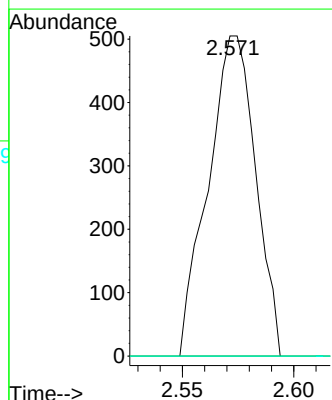
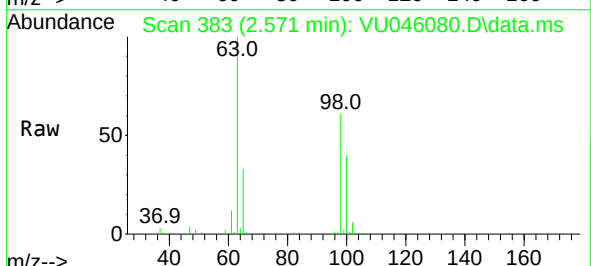
Instrument :
MSVOA_U
ClientSampleId :

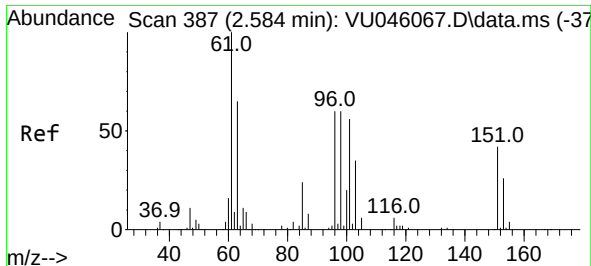
Tgt Ion: 64 Resp: 86119
Ion Ratio Lower Upper
64 100
66 4.9 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.466 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046080.D
Acq: 03 Dec 2021 17:39

Tgt Ion:101 Resp: 749
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: 0.505 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.013 min

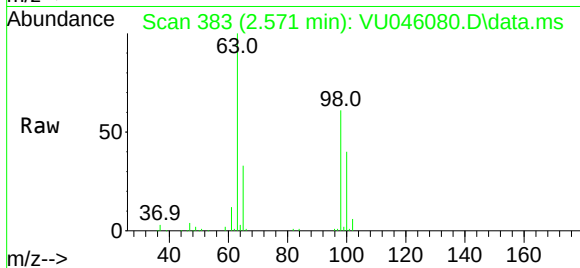
Lab File: VU046080.D

Acq: 03 Dec 2021 17:39

Instrument :

MSVOA_U

ClientSampleId :



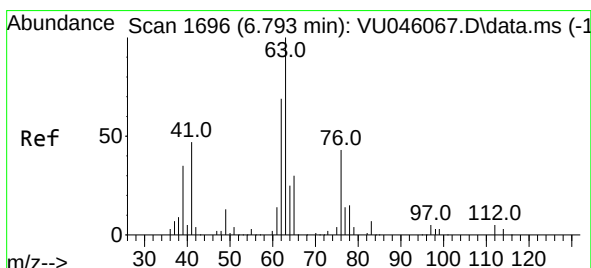
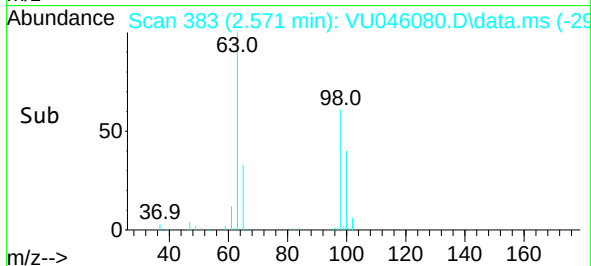
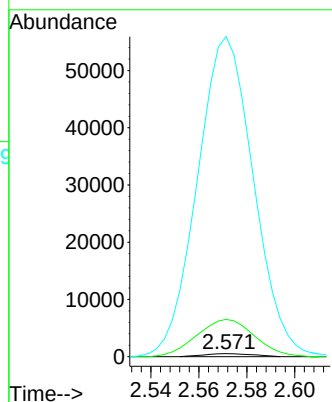
Tgt Ion: 96 Resp: 771

Ion Ratio Lower Upper

96 100

61 1200.0 118.6 220.2#

63 10277.9 93.0 172.8#



#37

1,2-Dichloropropane

Concen: 5.725 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046080.D

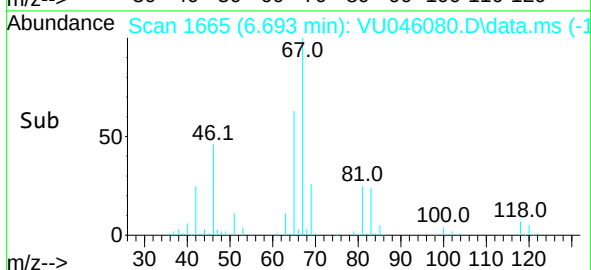
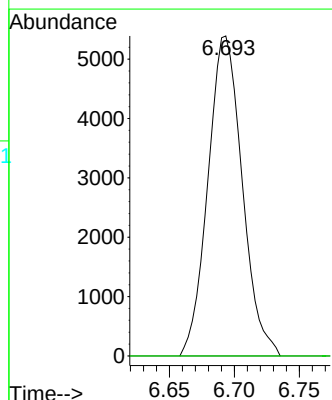
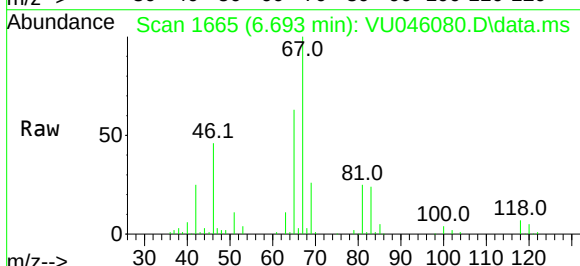
Acq: 03 Dec 2021 17:39

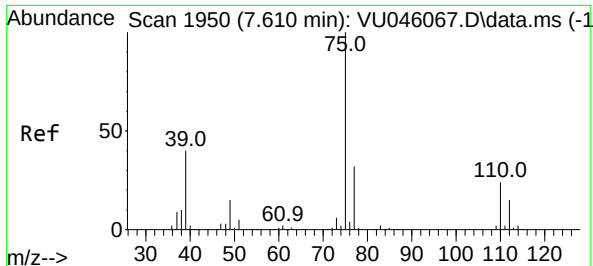
Tgt Ion: 63 Resp: 9891

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU046080.D

Acq: 03 Dec 2021 17:39

Instrument :

MSVOA_U

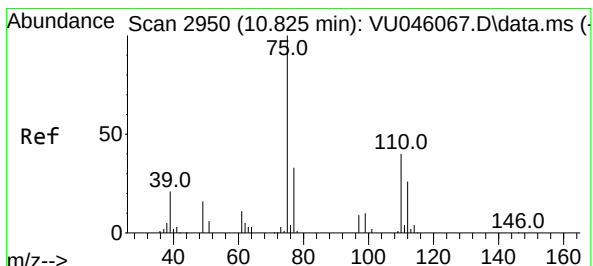
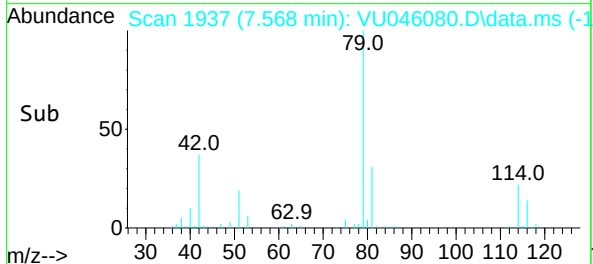
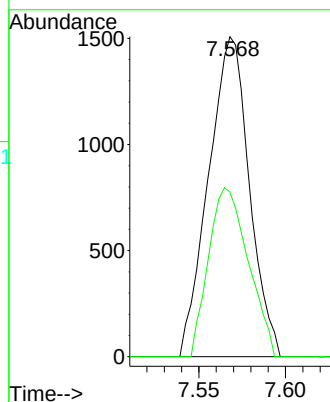
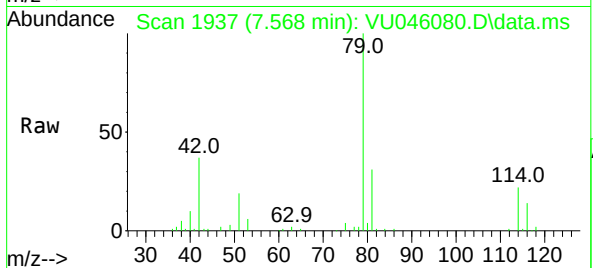
ClientSampleId :

Tgt Ion: 75 Resp: 2469

Ion Ratio Lower Upper

75 100

77 51.4 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.378 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046080.D

Acq: 03 Dec 2021 17:39

Tgt Ion: 75 Resp: 12863

Ion Ratio Lower Upper

75 100

77 35.8 26.4 39.6

110 2.4 32.4 48.6#

