

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046243.D
 Acq On : 10 Dec 2021 00:18
 Operator : SY/MD
 Sample : M5002-06
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:27 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)

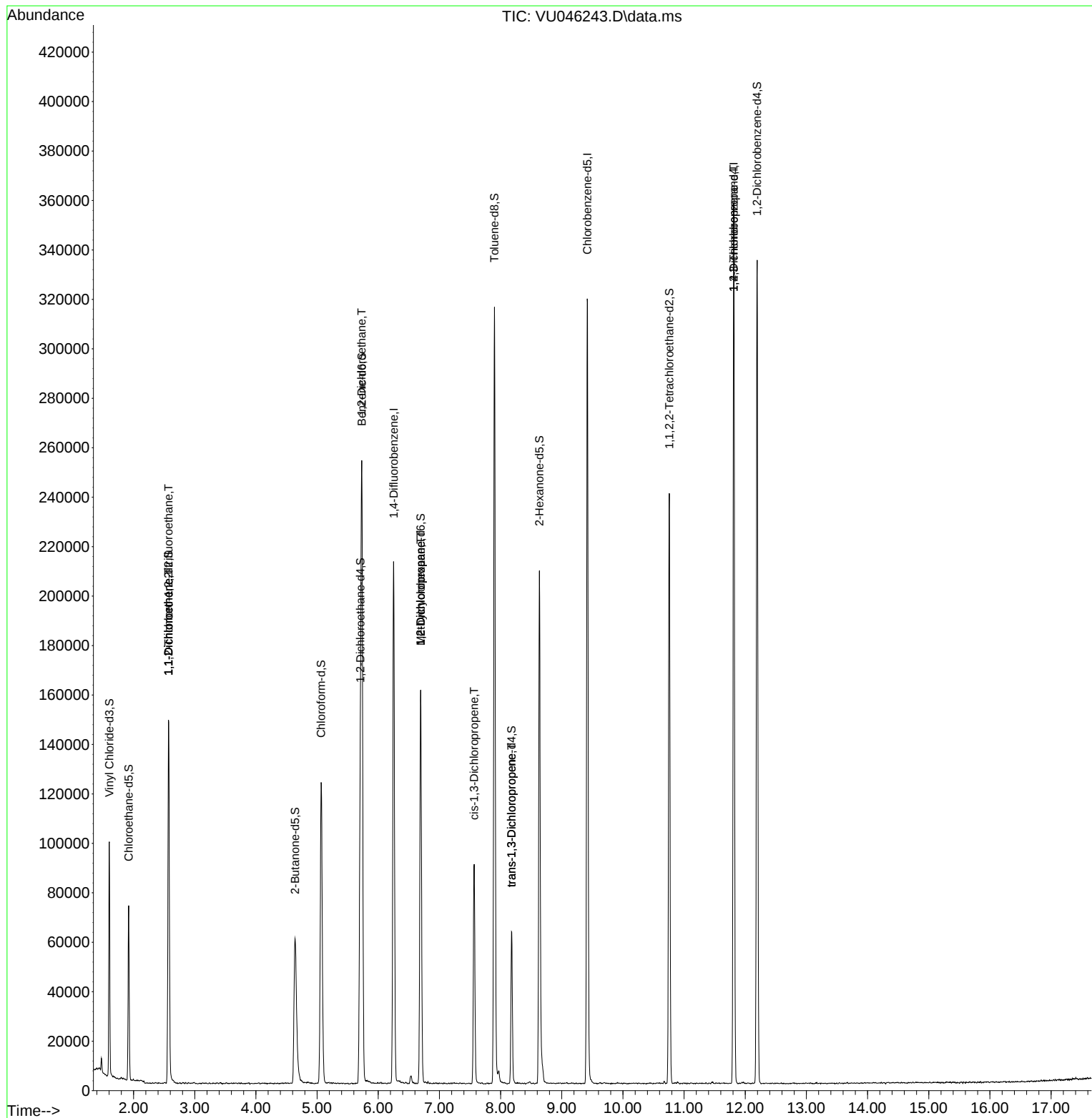
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	173550	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	181707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	66906	46.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	50779	46.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.520%
11) 1,1-Dichloroethene-d2	2.571	63	88740	34.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.160%
21) 2-Butanone-d5	4.639	46	106871	94.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.040%
24) Chloroform-d	5.067	84	113648	47.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.706	65	77623	48.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
32) Benzene-d6	5.732	84	240875	46.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
36) 1,2-Dichloropropane-d6	6.694	67	74865	46.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	7.899	98	215531	45.452	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
43) trans-1,3-Dichloroprop...	8.179	79	36013	46.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.440%
47) 2-Hexanone-d5	8.636	63	75277	98.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	117098	47.838	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	87244	48.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.020%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	782	0.619	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	525	0.438	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1029	0.541	ug/L #	73
35) Methylcyclohexane	6.694	83	17993	8.009	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8075	5.605	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2373	1.083	ug/L #	79
44) trans-1,3-Dichloropropene	8.179	75	1467	0.682	ug/L #	70
60) 1,2,3-Trichloropropane	11.812	75	10938	5.343	ug/L #	66

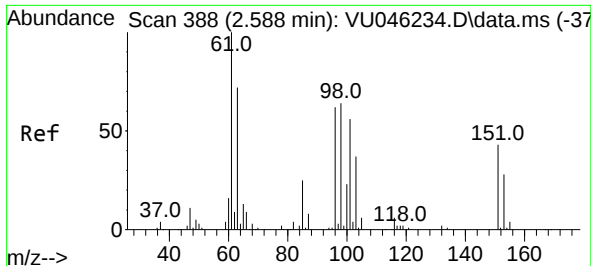
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

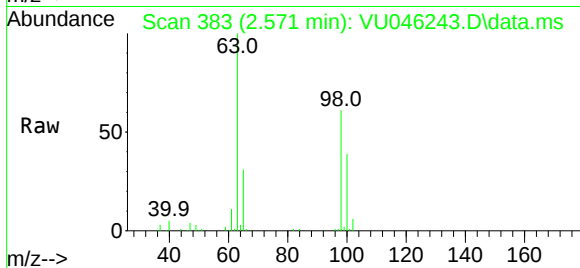
Quant Time: Dec 10 05:25:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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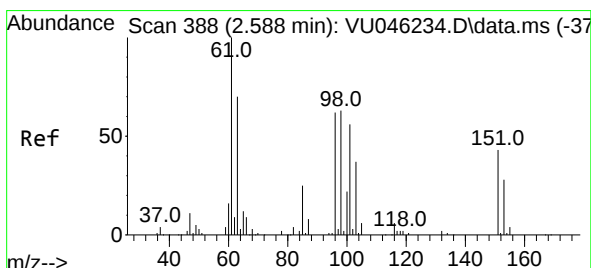
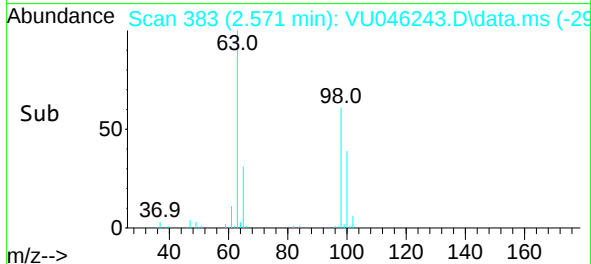
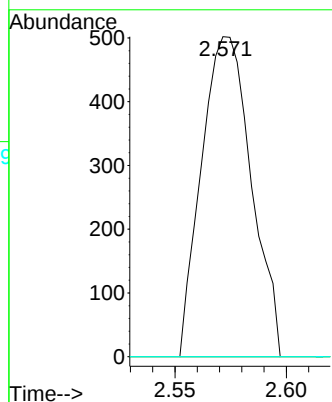


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.619 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046243.D
Acq: 10 Dec 2021 00:18

Instrument :
MSVOA_U
ClientSampleId :

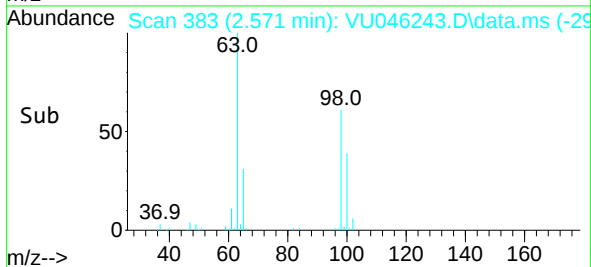
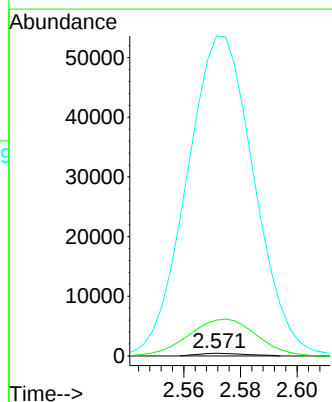
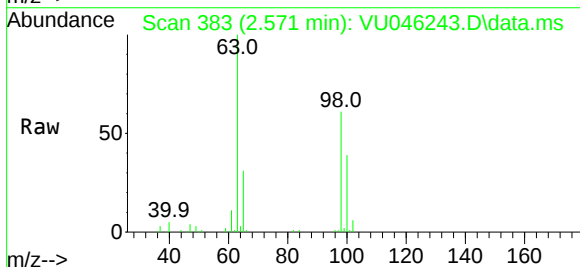


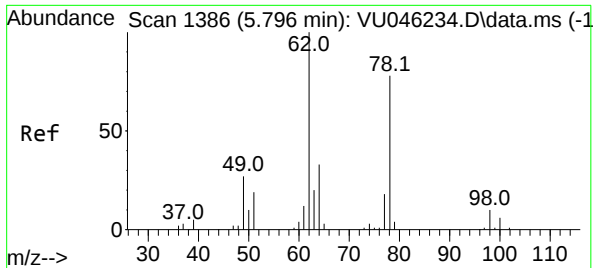
Tgt Ion:101 Resp: 782
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.438 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046243.D
Acq: 10 Dec 2021 00:18

Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 1342.0 118.6 220.2#
63 11969.6 93.0 172.8#

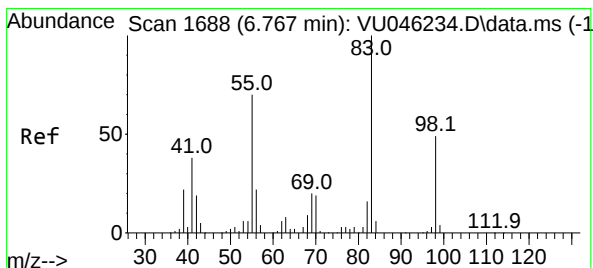
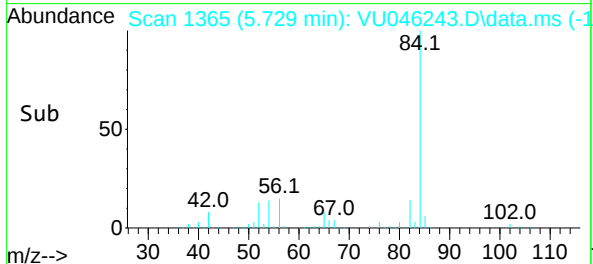
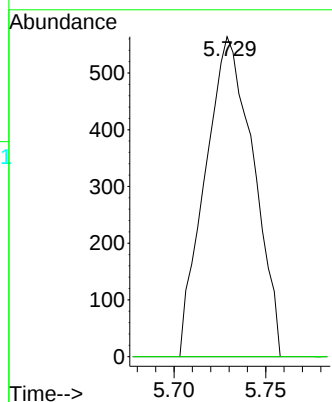
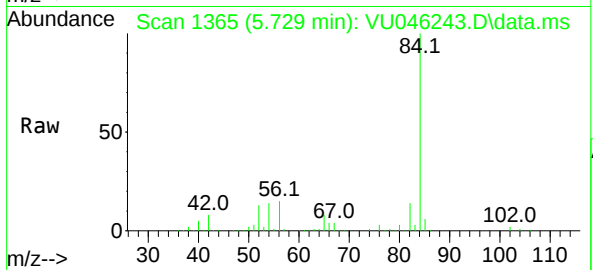




#27
1,2-Dichloroethane
Concen: 0.541 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046243.D
Acq: 10 Dec 2021 00:18

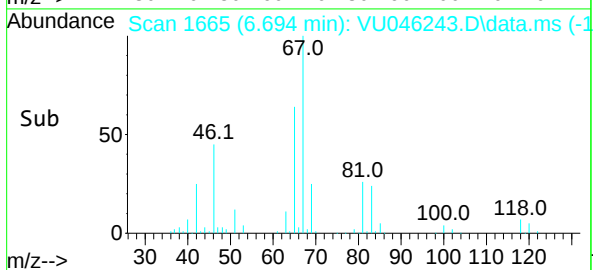
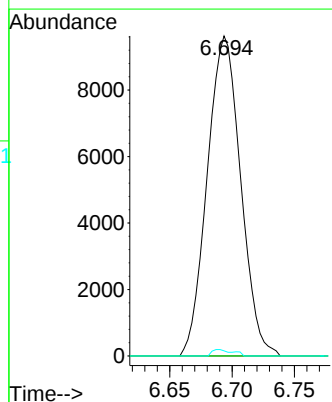
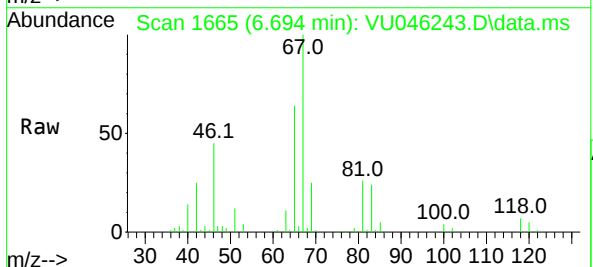
Instrument :
MSVOA_U
ClientSampleId :

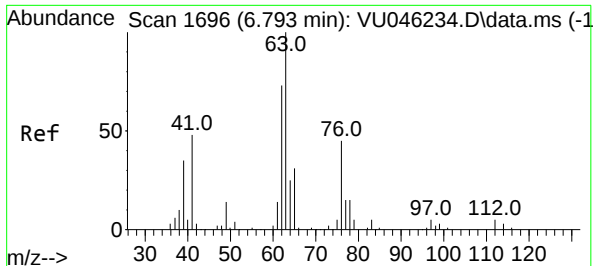
Tgt Ion: 62 Resp: 1029
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.009 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046243.D
Acq: 10 Dec 2021 00:18

Tgt Ion: 83 Resp: 17993
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.605 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046243.D

Acq: 10 Dec 2021 00:18

Instrument :

MSVOA_U

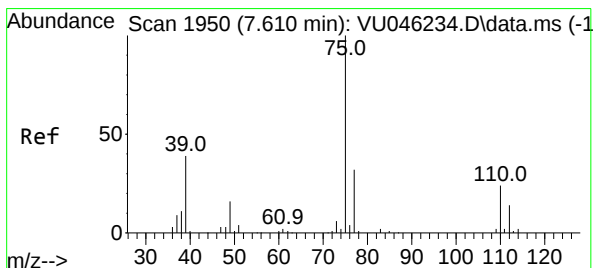
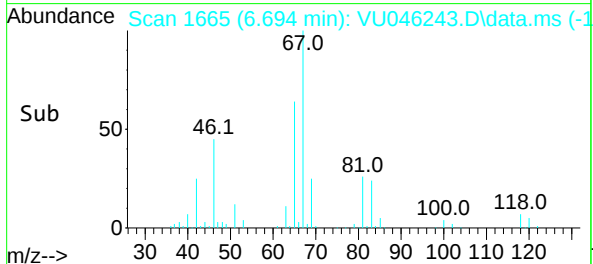
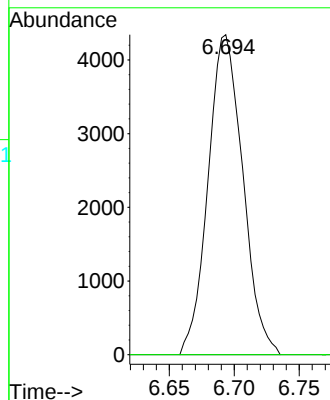
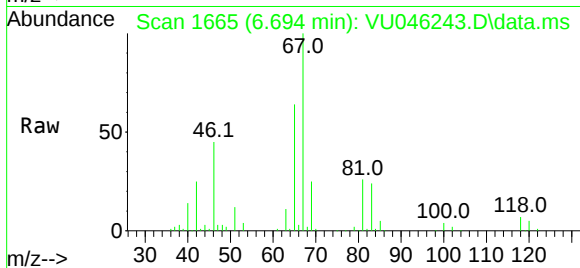
ClientSampleId :

Tgt Ion: 63 Resp: 8075

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.083 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046243.D

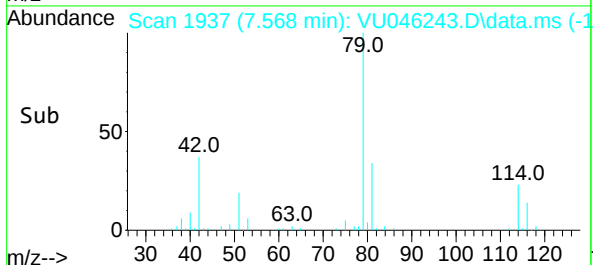
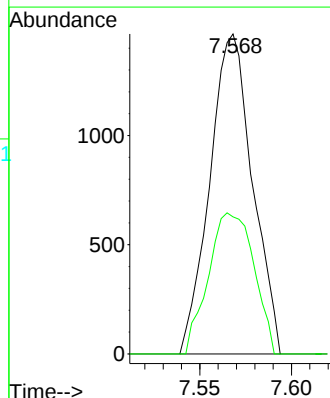
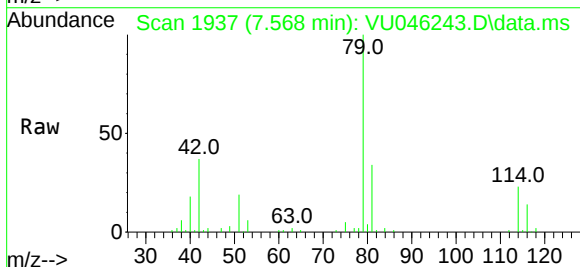
Acq: 10 Dec 2021 00:18

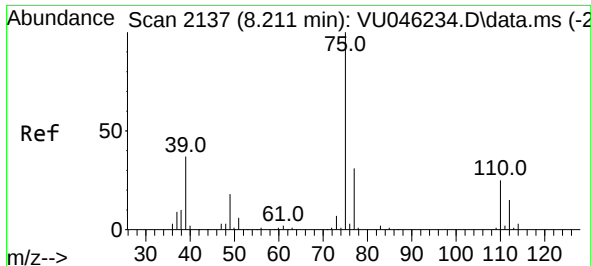
Tgt Ion: 75 Resp: 2373

Ion Ratio Lower Upper

75 100

77 42.9 21.8 40.6#

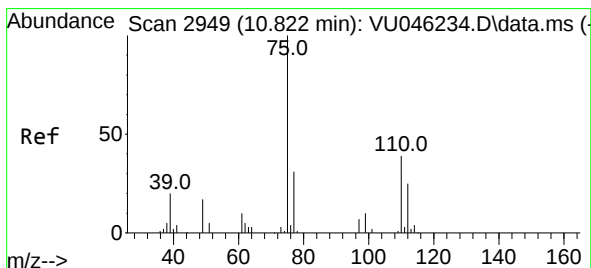
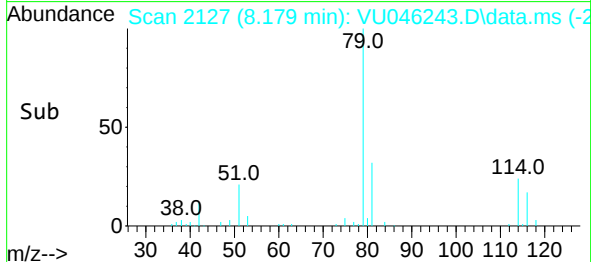
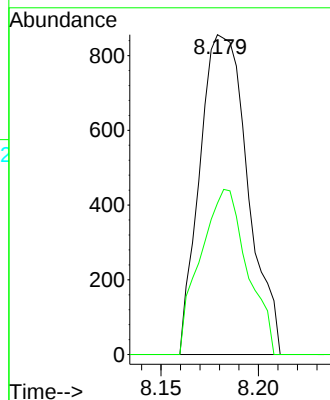
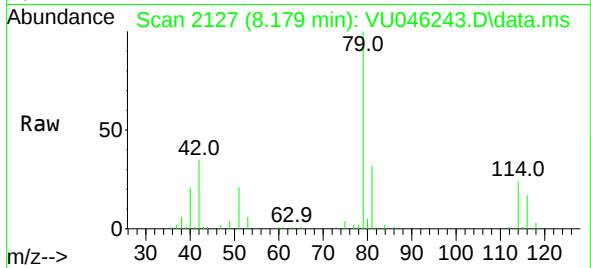




#44
trans-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU046243.D
Acq: 10 Dec 2021 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1467
Ion Ratio Lower Upper
75 100
77 47.3 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.343 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046243.D
Acq: 10 Dec 2021 00:18

Tgt Ion: 75 Resp: 10938
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
110 1.9 32.4 48.6#

