

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046388.D
 Acq On : 15 Dec 2021 11:29
 Operator : SY/MD
 Sample : VU1215MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:08:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

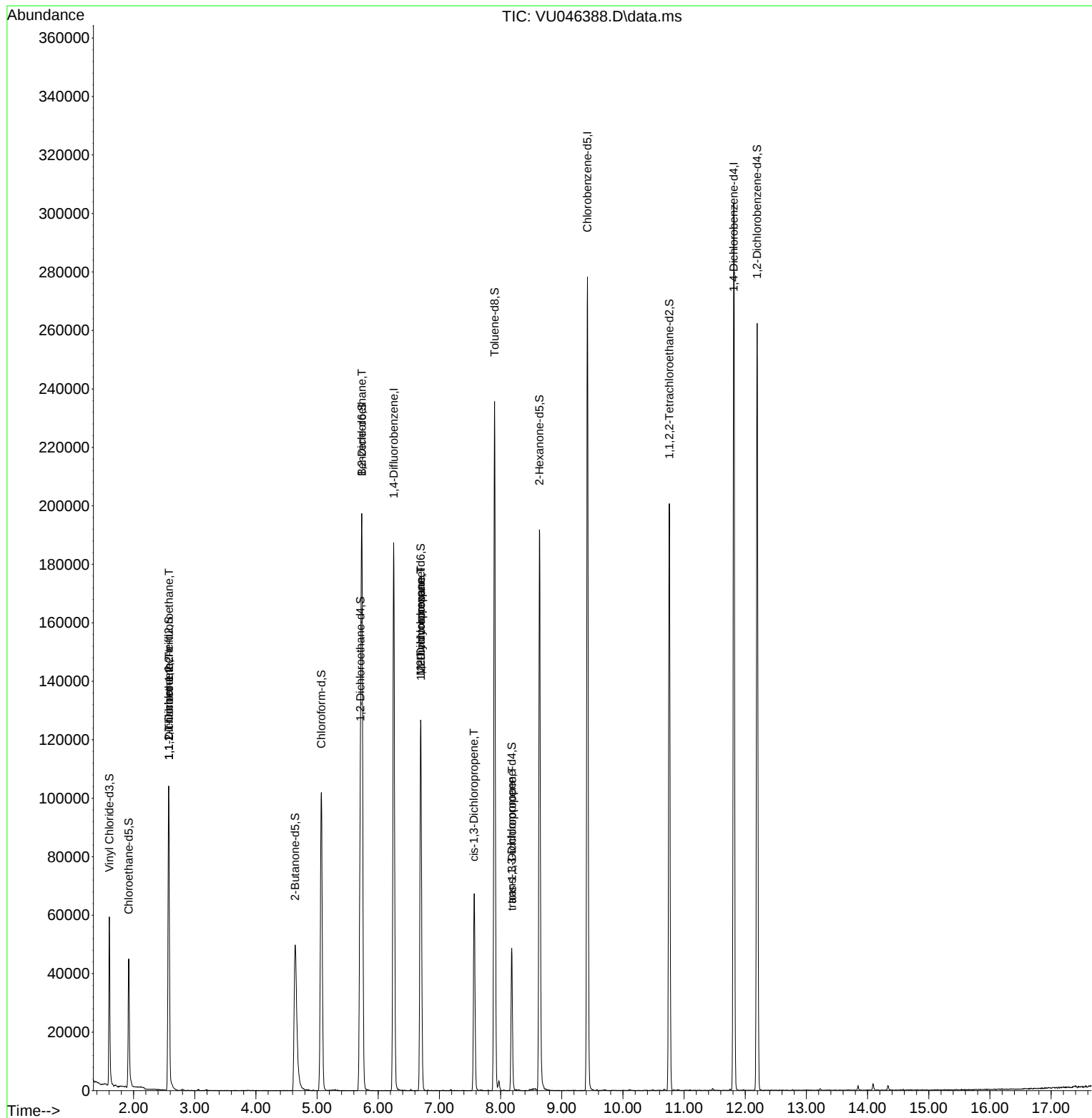
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	149730	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152211	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44198	35.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.660%
7) Chloroethane-d5	1.919	69	36462	38.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.575	63	62909	28.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.820%#
21) 2-Butanone-d5	4.642	46	97467	99.406	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.410%
24) Chloroform-d	5.070	84	96890	47.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	5.706	65	65805	47.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
32) Benzene-d6	5.732	84	179977	41.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.500%
36) 1,2-Dichloropropane-d6	6.694	67	58890	43.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	7.902	98	154833	38.980	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.960%#
43) trans-1,3-Dichloroprop...	8.182	79	27496	42.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.260%
47) 2-Hexanone-d5	8.636	63	70616	110.155	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	96515	47.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.140%
66) 1,2-Dichlorobenzene-d4	12.195	152	66236	44.036	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.080%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	624	0.573	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	460	0.444	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	878	0.535	ug/L #	73
35) Methylcyclohexane	6.694	83	14561	7.738	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	6450	5.345	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1737	0.946	ug/L #	73
44) trans-1,3-Dichloropropene	8.185	75	1258	0.698	ug/L #	74

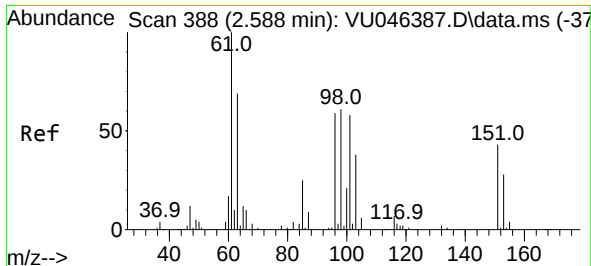
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 16 03:08:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 16 02:25:11 2021
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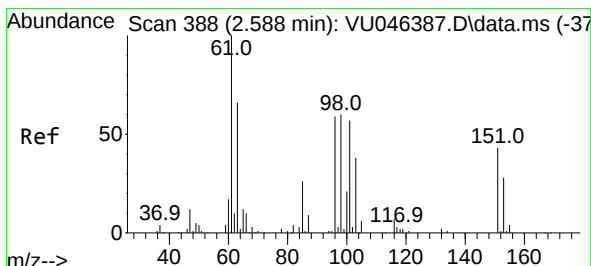
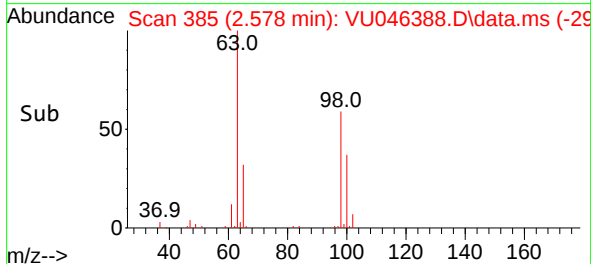
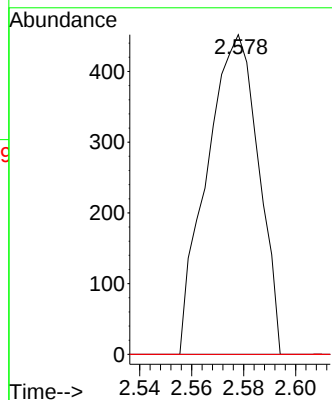
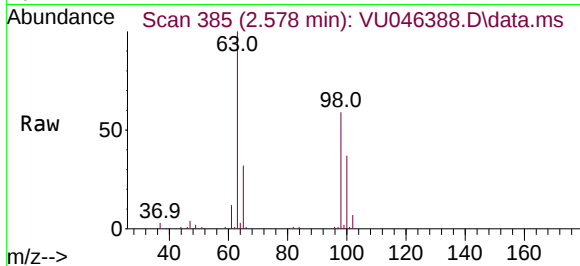




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.573 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046388.D
 Acq: 15 Dec 2021 11:29

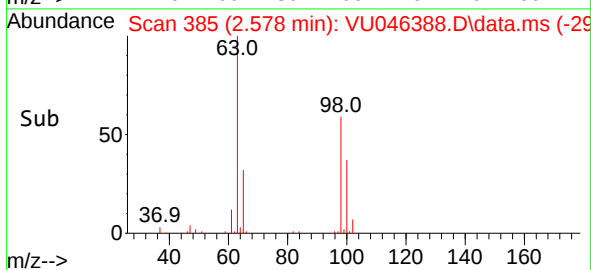
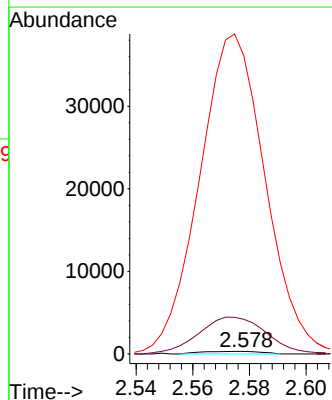
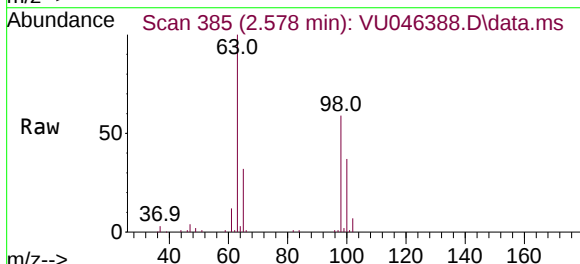
Instrument :
 MSVOA_U
 ClientSampleId :

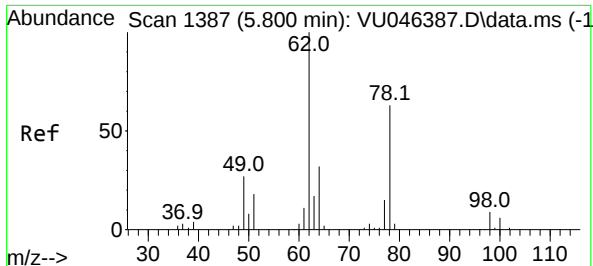
Tgt Ion:101 Resp: 624
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.444 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046388.D
 Acq: 15 Dec 2021 11:29

Tgt Ion: 96 Resp: 460
 Ion Ratio Lower Upper
 96 100
 61 1362.7 118.6 220.2#
 63 11732.5 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.535 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU046388.D

Acq: 15 Dec 2021 11:29

Instrument :

MSVOA_U

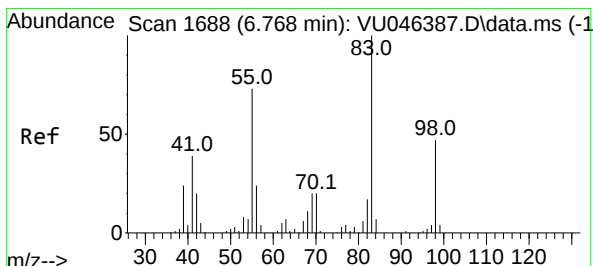
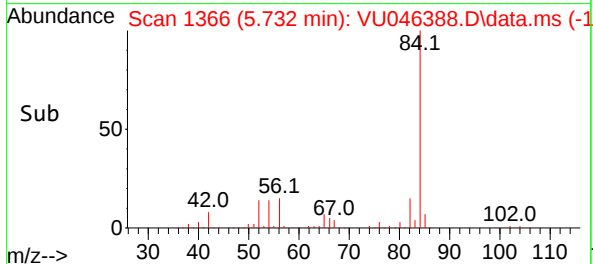
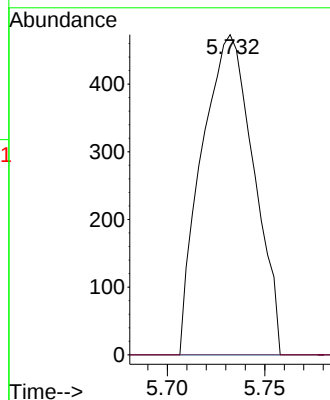
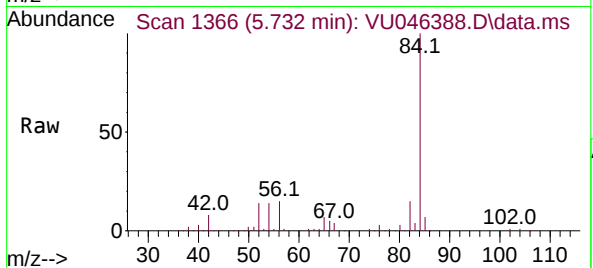
ClientSampleId :

Tgt Ion: 62 Resp: 878

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.738 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046388.D

Acq: 15 Dec 2021 11:29

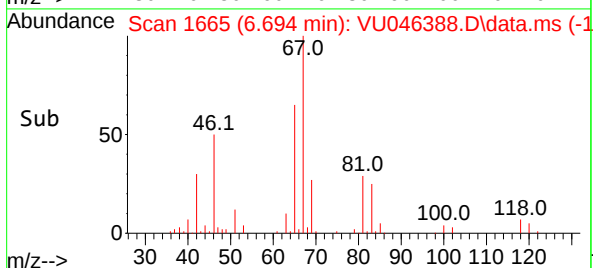
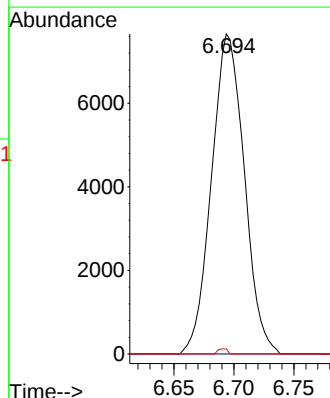
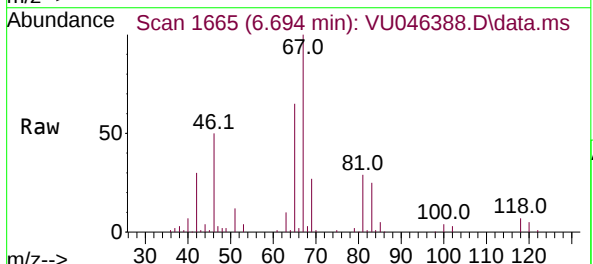
Tgt Ion: 83 Resp: 14561

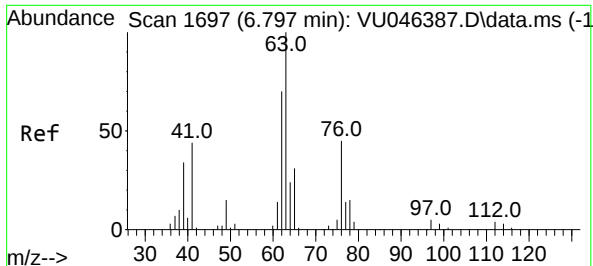
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.345 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046388.D

Acq: 15 Dec 2021 11:29

Instrument :

MSVOA_U

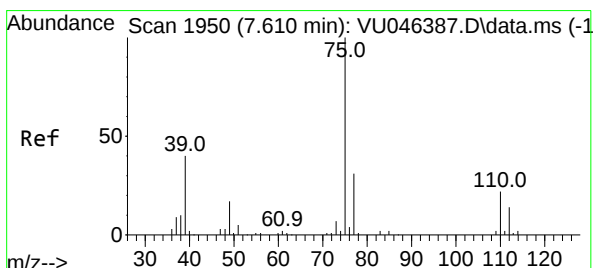
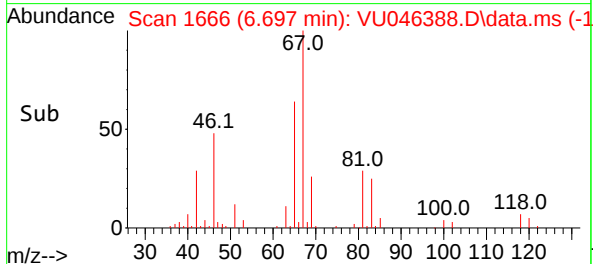
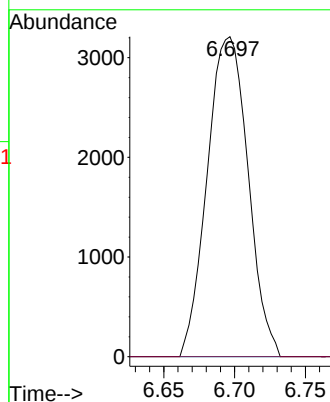
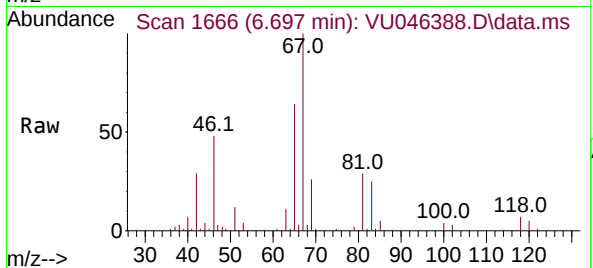
ClientSampleId :

Tgt Ion: 63 Resp: 6450

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.946 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046388.D

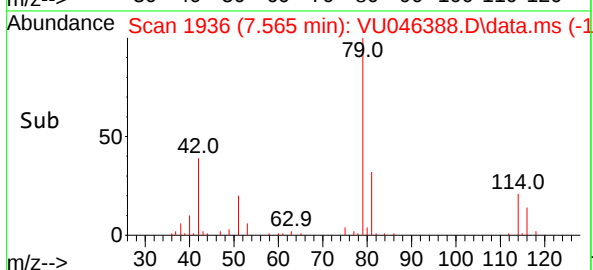
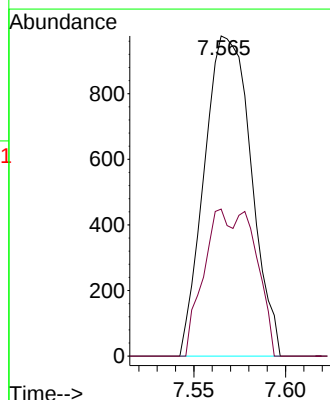
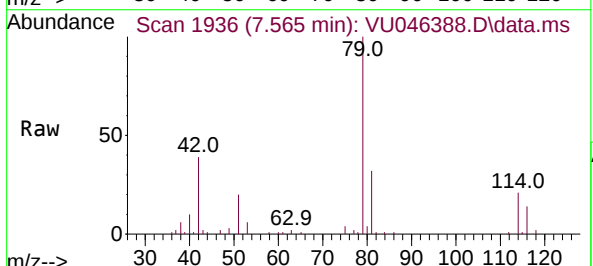
Acq: 15 Dec 2021 11:29

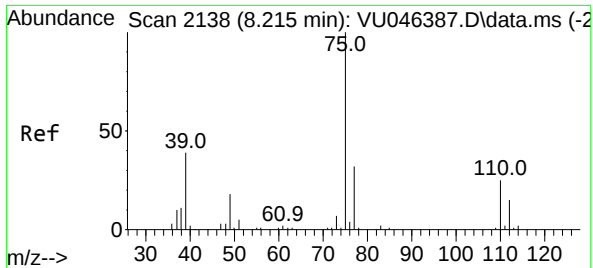
Tgt Ion: 75 Resp: 1737

Ion Ratio Lower Upper

75 100

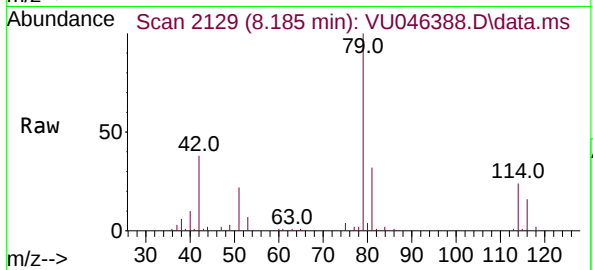
77 45.9 21.8 40.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.698 ug/L
 RT: 8.185 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VU046388.D
 Acq: 15 Dec 2021 11:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1258
 Ion Ratio Lower Upper
 75 100
 77 45.2 21.7 40.3#

