

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046407.D
 Acq On : 15 Dec 2021 19:32
 Operator : SY/MD
 Sample : M5002-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:12:51 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)

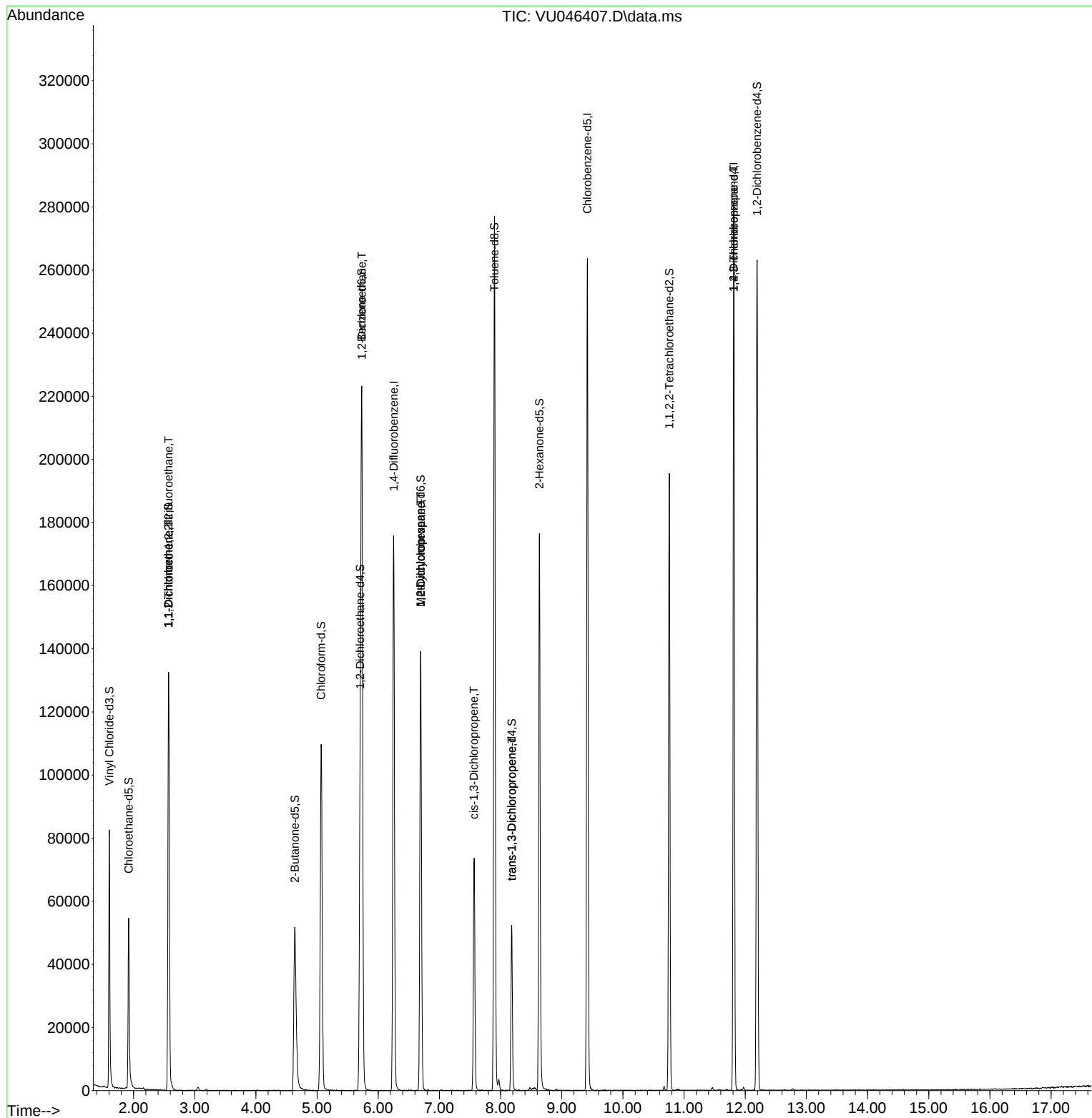
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142901	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70938	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63540	53.978	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.960%			
7) Chloroethane-d5	1.919	69	44745	49.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.020%			
11) 1,1-Dichloroethene-d2	2.571	63	79955	37.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.680%			
21) 2-Butanone-d5	4.636	46	84550	90.353	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.350%			
24) Chloroform-d	5.066	84	103157	52.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.960%			
26) 1,2-Dichloroethane-d4	5.703	65	68796	52.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.300%			
32) Benzene-d6	5.729	84	209630	49.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.200%			
36) 1,2-Dichloropropane-d6	6.693	67	64944	49.579	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.160%			
41) Toluene-d8	7.899	98	181926	47.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.540%			
43) trans-1,3-Dichloroprop...	8.182	79	29733	47.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.040%			
47) 2-Hexanone-d5	8.635	63	63928	102.930	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.930%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	92070	46.347	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.700%			
66) 1,2-Dichlorobenzene-d4	12.195	152	66907	48.975	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.960%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	594	0.571	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	523	0.529	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1074	0.685	ug/L #	73
35) Methylcyclohexane	6.693	83	15818	8.676	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	7187	6.147	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1774	0.997	ug/L #	64
44) trans-1,3-Dichloropropene	8.182	75	1365	0.781	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	8501	5.467	ug/L #	66

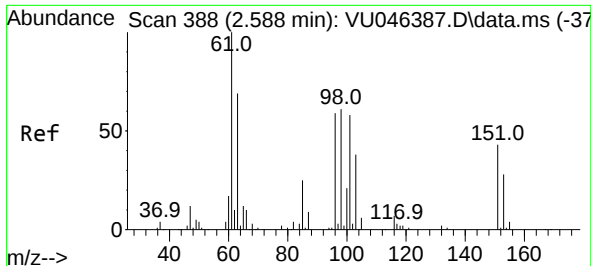
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
Data File : VU046407.D
Acq On : 15 Dec 2021 19:32
Operator : SY/MD
Sample : M5002-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 16 03:12:51 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

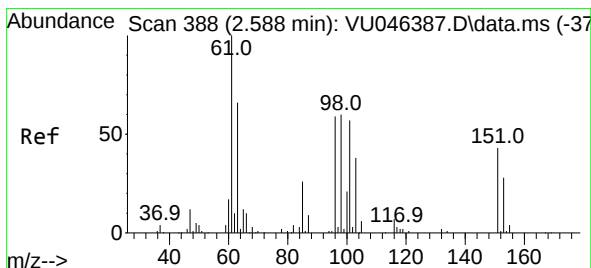
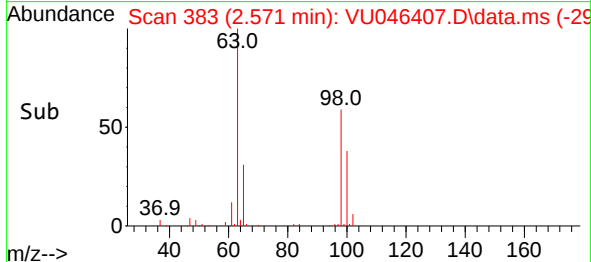
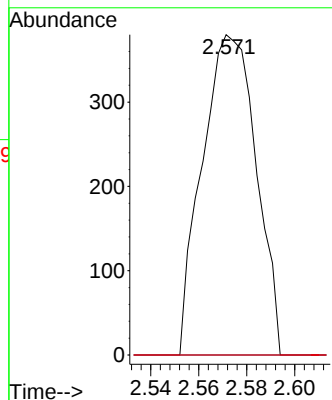
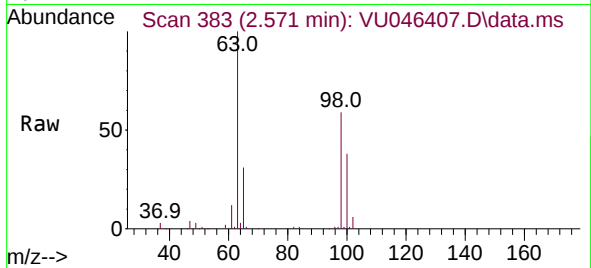




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.571 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046407.D
 Acq: 15 Dec 2021 19:32

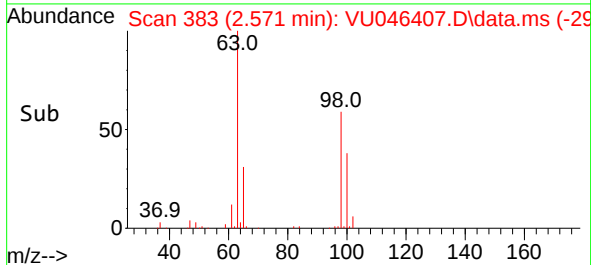
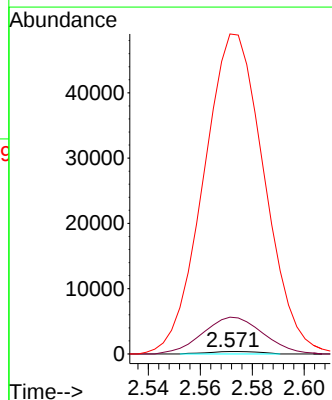
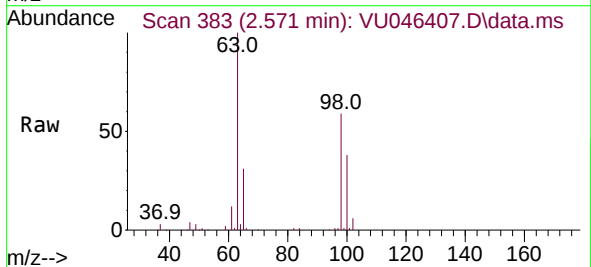
Instrument :
 MSVOA_U
 ClientSampleId :

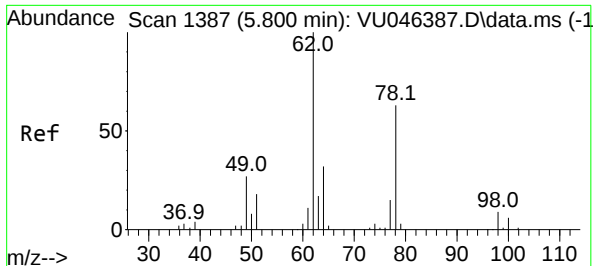
Tgt Ion:101 Resp: 594
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.529 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046407.D
 Acq: 15 Dec 2021 19:32

Tgt Ion: 96 Resp: 523
 Ion Ratio Lower Upper
 96 100
 61 1483.2 118.6 220.2#
 63 12865.1 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.685 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU046407.D

Acq: 15 Dec 2021 19:32

Instrument :

MSVOA_U

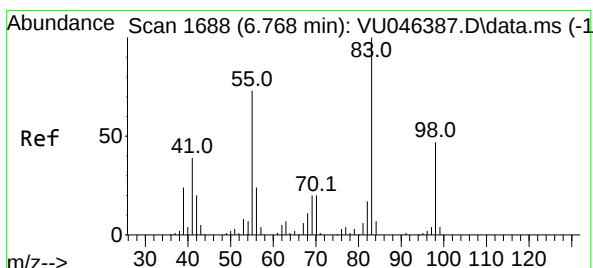
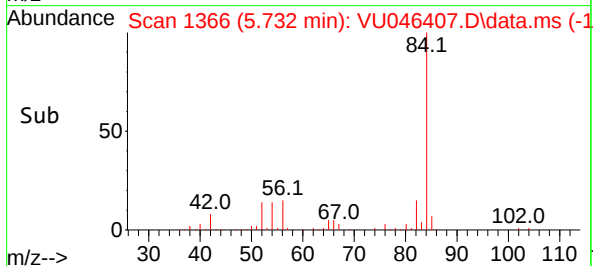
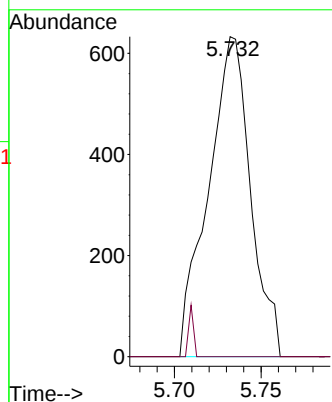
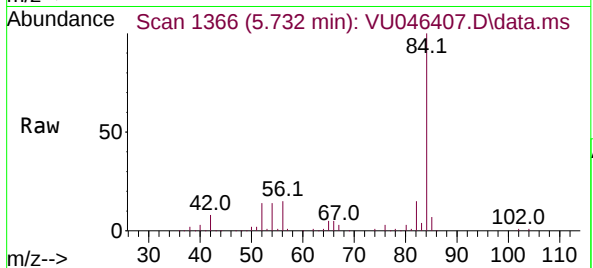
ClientSampleId :

Tgt Ion: 62 Resp: 1074

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.676 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046407.D

Acq: 15 Dec 2021 19:32

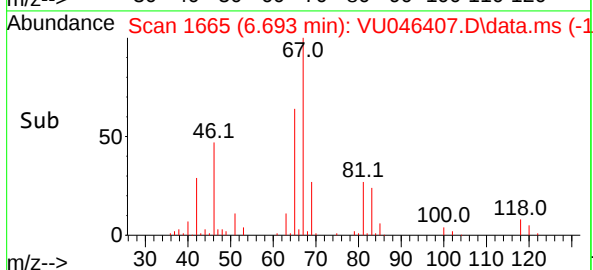
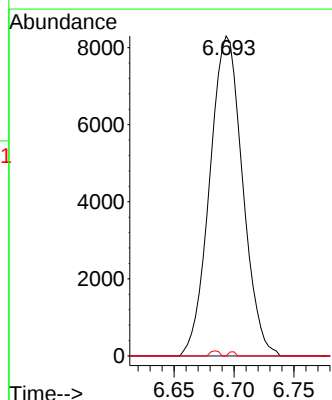
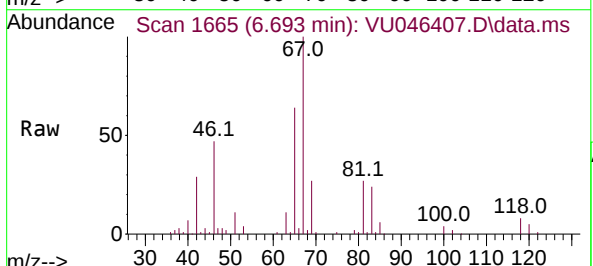
Tgt Ion: 83 Resp: 15818

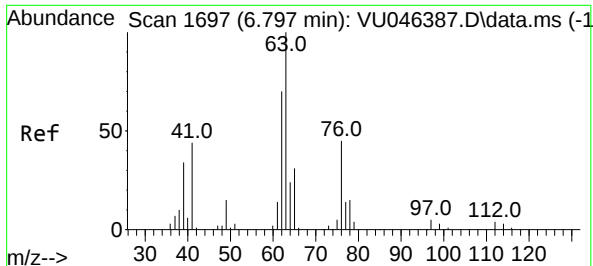
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.147 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046407.D

Acq: 15 Dec 2021 19:32

Instrument :

MSVOA_U

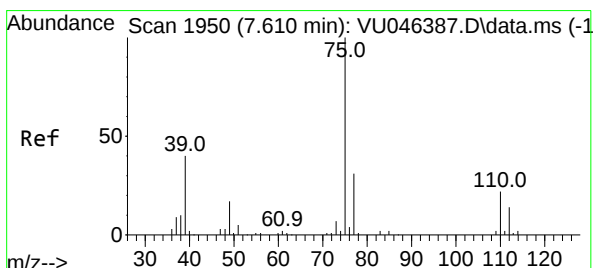
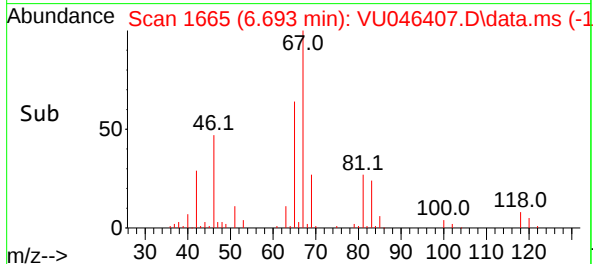
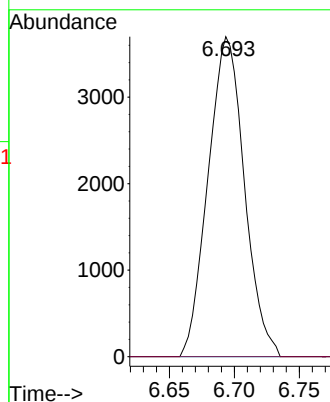
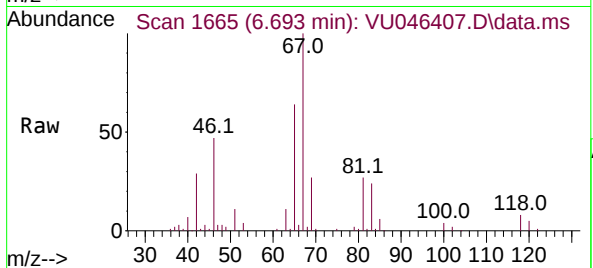
ClientSampleId :

Tgt Ion: 63 Resp: 7187

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.997 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046407.D

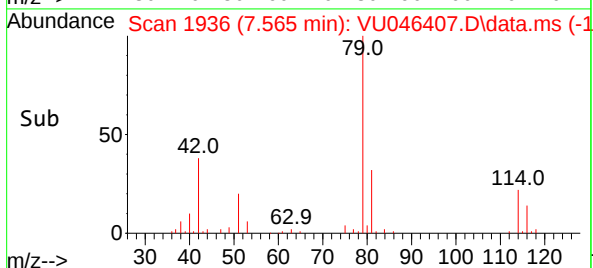
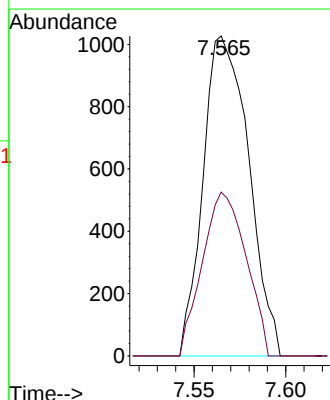
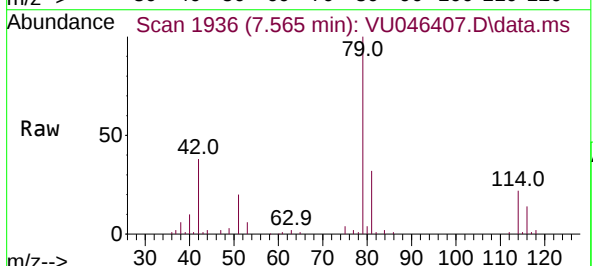
Acq: 15 Dec 2021 19:32

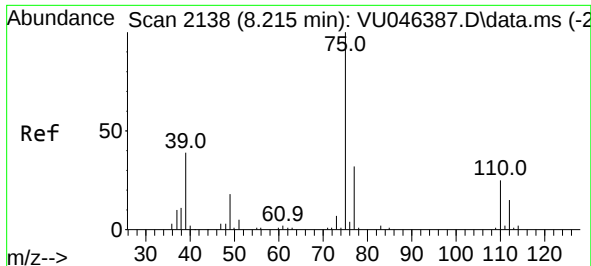
Tgt Ion: 75 Resp: 1774

Ion Ratio Lower Upper

75 100

77 51.2 21.8 40.6#

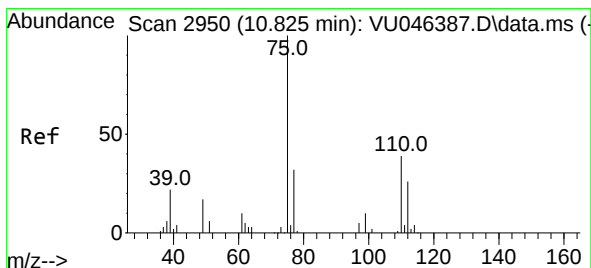
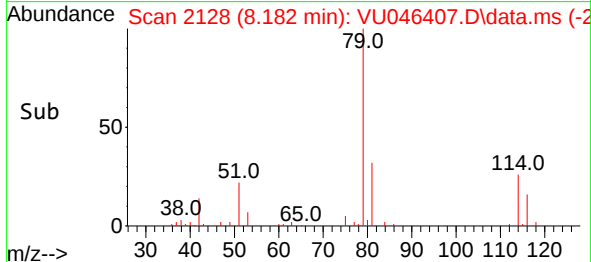
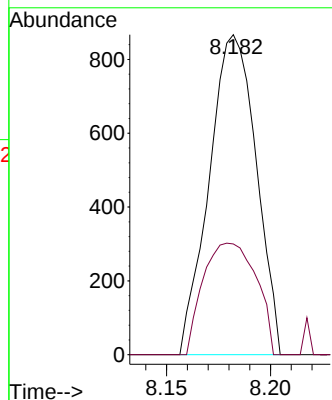
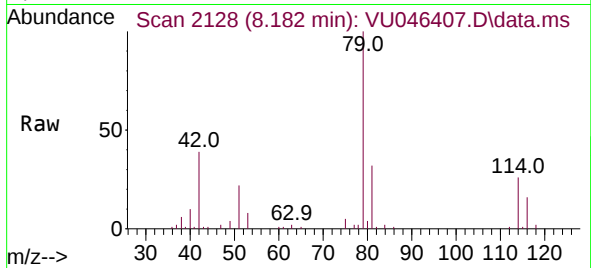




#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046407.D
Acq: 15 Dec 2021 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1365
Ion Ratio Lower Upper
75 100
77 34.6 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.467 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046407.D
Acq: 15 Dec 2021 19:32

Tgt Ion: 75 Resp: 8501
Ion Ratio Lower Upper
75 100
77 34.0 26.4 39.6
110 2.5 32.4 48.6#

