

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046406.D
 Acq On : 15 Dec 2021 19:09
 Operator : SY/MD
 Sample : M4983-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:12:39 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)

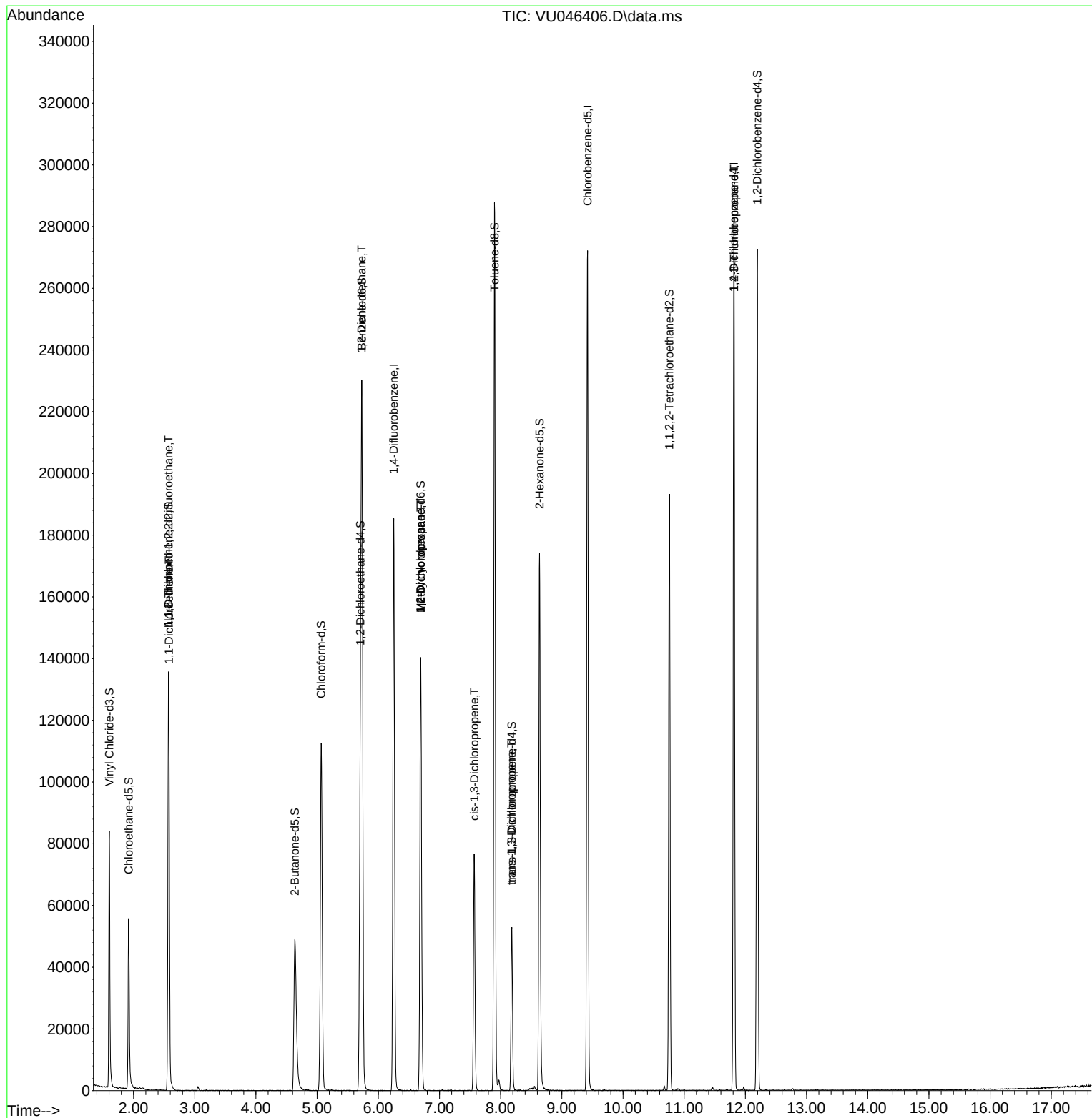
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147704	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	149043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	65761	54.048	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	108.100%	
7) Chloroethane-d5	1.919	69	45508	48.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.420%	
11) 1,1-Dichloroethene-d2	2.571	63	82025	37.554	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.100%	
21) 2-Butanone-d5	4.636	46	86008	88.922	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.920%	
24) Chloroform-d	5.067	84	106612	52.471	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.940%	
26) 1,2-Dichloroethane-d4	5.706	65	71427	52.381	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.760%	
32) Benzene-d6	5.732	84	214248	50.154	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.300%	
36) 1,2-Dichloropropane-d6	6.694	67	66499	50.229	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.460%	
41) Toluene-d8	7.899	98	186137	47.856	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.720%	
43) trans-1,3-Dichloroprop...	8.182	79	30946	48.421	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.840%	
47) 2-Hexanone-d5	8.636	63	63666	101.425	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	94582	47.108	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.220%	
66) 1,2-Dichlorobenzene-d4	12.195	152	69440	49.462	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.920%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	654	0.609	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	649	0.635	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	870	0.537	ug/L #	73
35) Methylcyclohexane	6.694	83	16023	8.696	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7415	6.275	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	2025	1.126	ug/L	93
44) trans-1,3-Dichloropropene	8.179	75	1368	0.775	ug/L #	65
60) 1,2,3-Trichloropropane	11.815	75	8730	5.463	ug/L #	64

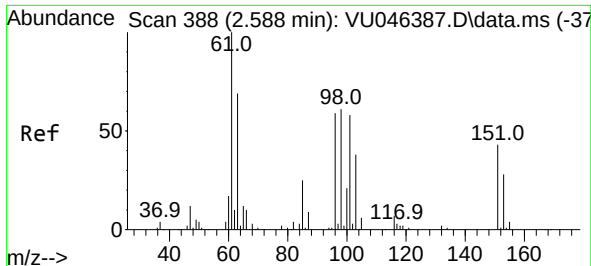
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
Data File : VU046406.D
Acq On : 15 Dec 2021 19:09
Operator : SY/MD
Sample : M4983-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 16 03:12:39 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

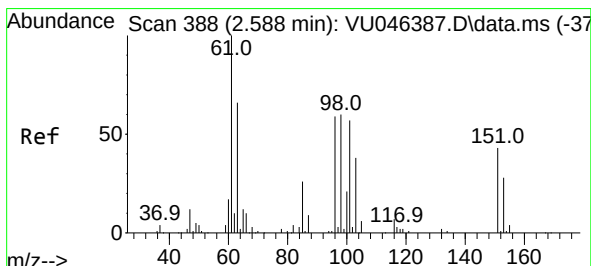
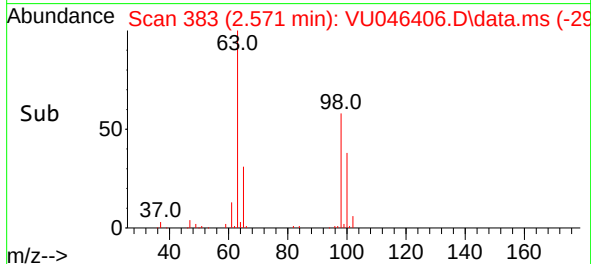
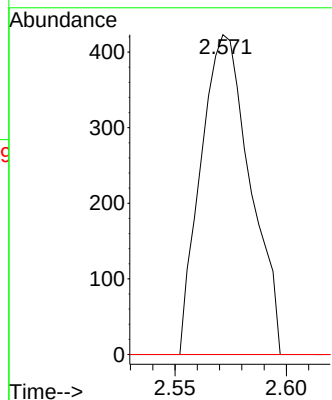
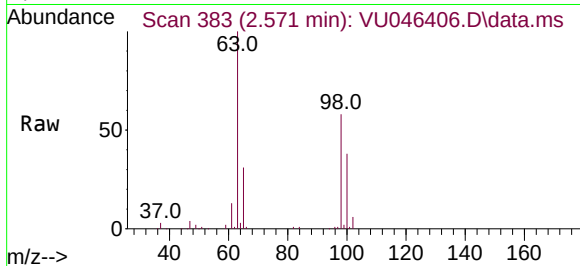




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.609 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046406.D
Acq: 15 Dec 2021 19:09

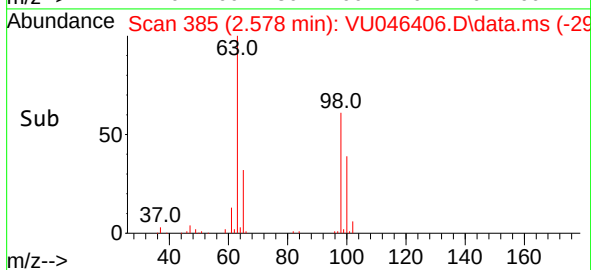
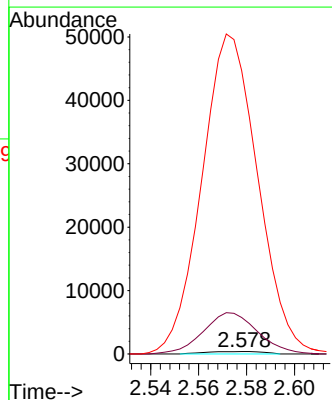
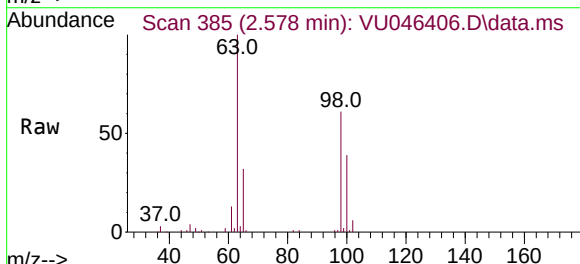
Instrument :
MSVOA_U
ClientSampleId :

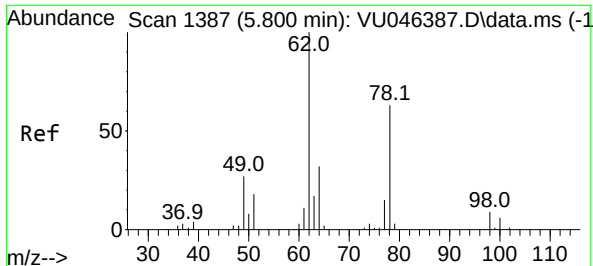
Tgt Ion:101 Resp: 654
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.635 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046406.D
Acq: 15 Dec 2021 19:09

Tgt Ion: 96 Resp: 649
Ion Ratio Lower Upper
96 100
61 1540.1 118.6 220.2#
63 11959.4 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.537 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046406.D

Acq: 15 Dec 2021 19:09

Instrument :

MSVOA_U

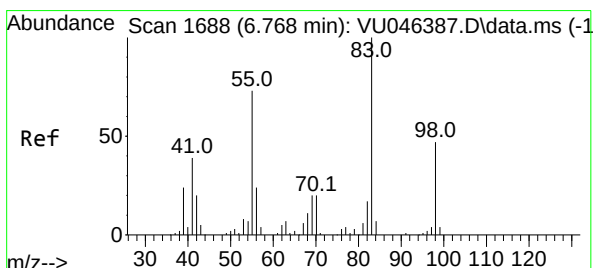
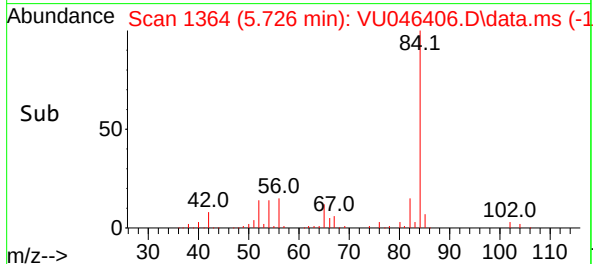
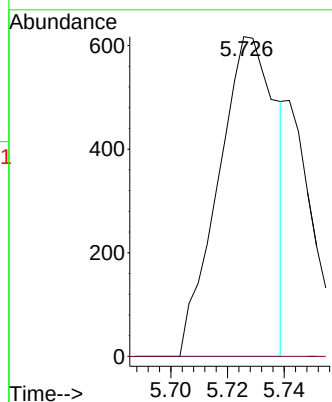
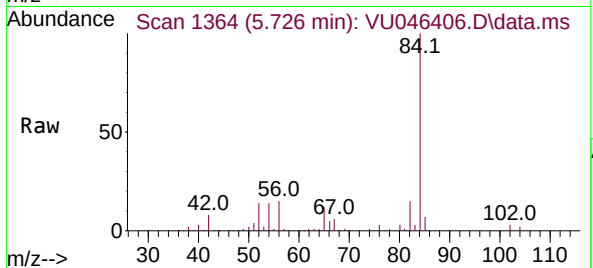
ClientSampleId :

Tgt Ion: 62 Resp: 870

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.696 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046406.D

Acq: 15 Dec 2021 19:09

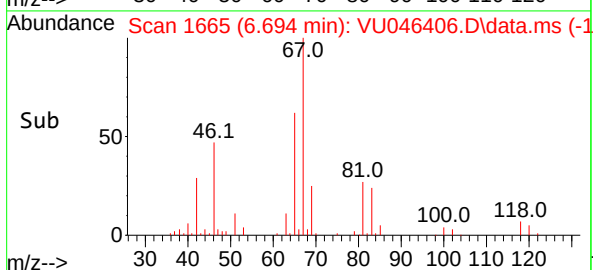
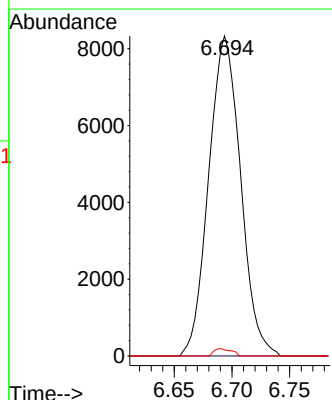
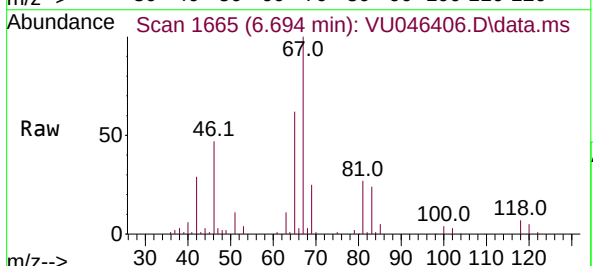
Tgt Ion: 83 Resp: 16023

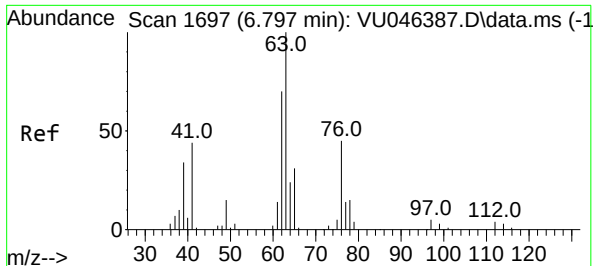
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.275 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046406.D

Acq: 15 Dec 2021 19:09

Instrument :

MSVOA_U

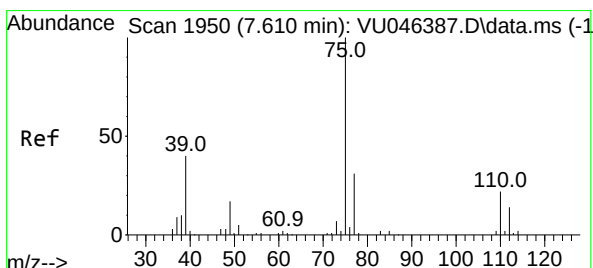
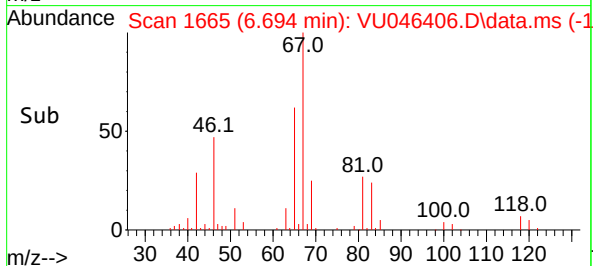
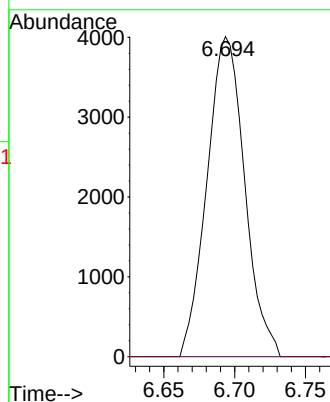
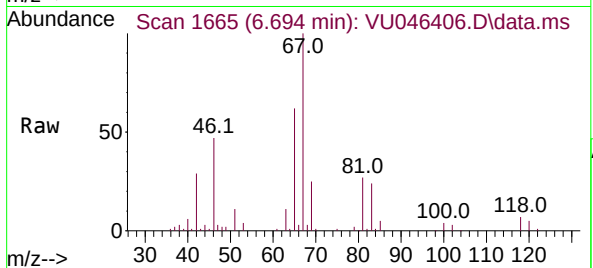
ClientSampleId :

Tgt Ion: 63 Resp: 7415

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046406.D

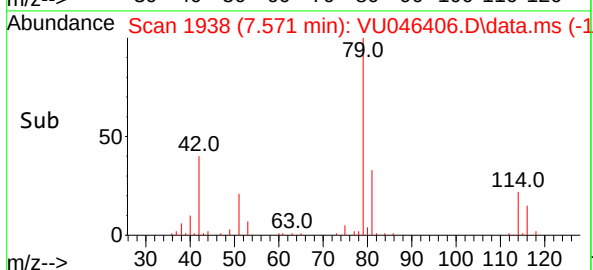
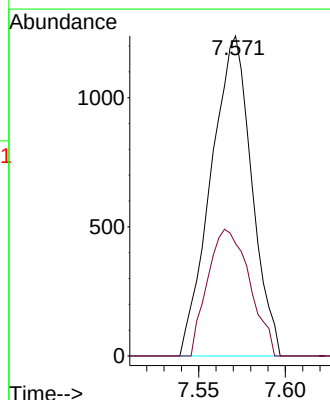
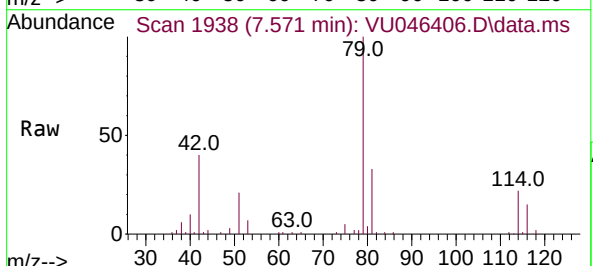
Acq: 15 Dec 2021 19:09

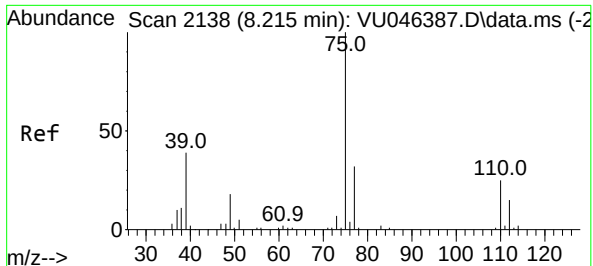
Tgt Ion: 75 Resp: 2025

Ion Ratio Lower Upper

75 100

77 35.1 21.8 40.6

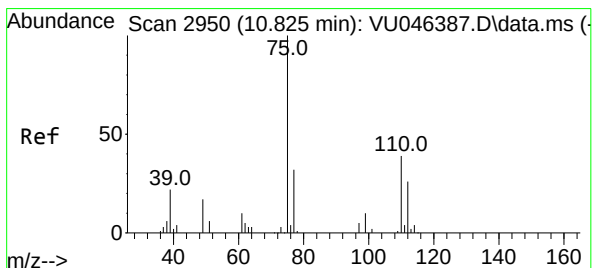
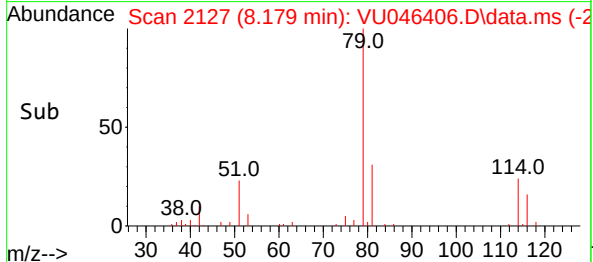
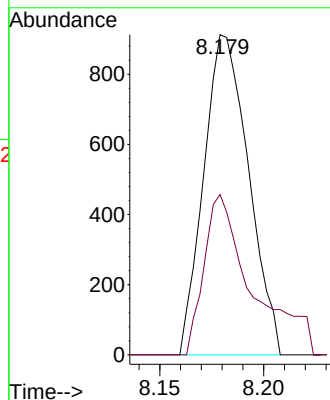
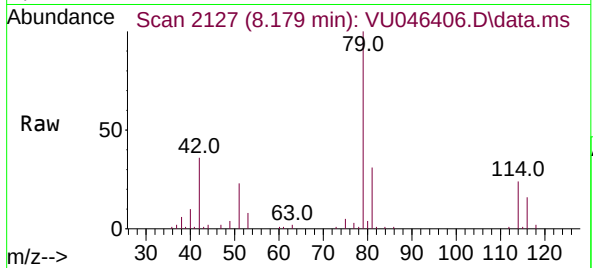




#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.036 min
Lab File: VU046406.D
Acq: 15 Dec 2021 19:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1368
Ion Ratio Lower Upper
75 100
77 50.1 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.463 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU046406.D
Acq: 15 Dec 2021 19:09

Tgt Ion: 75 Resp: 8730
Ion Ratio Lower Upper
75 100
77 35.3 26.4 39.6
110 1.6 32.4 48.6#

