

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046246.D
 Acq On : 10 Dec 2021 01:25
 Operator : SY/MD
 Sample : M4982-11
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:47 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)

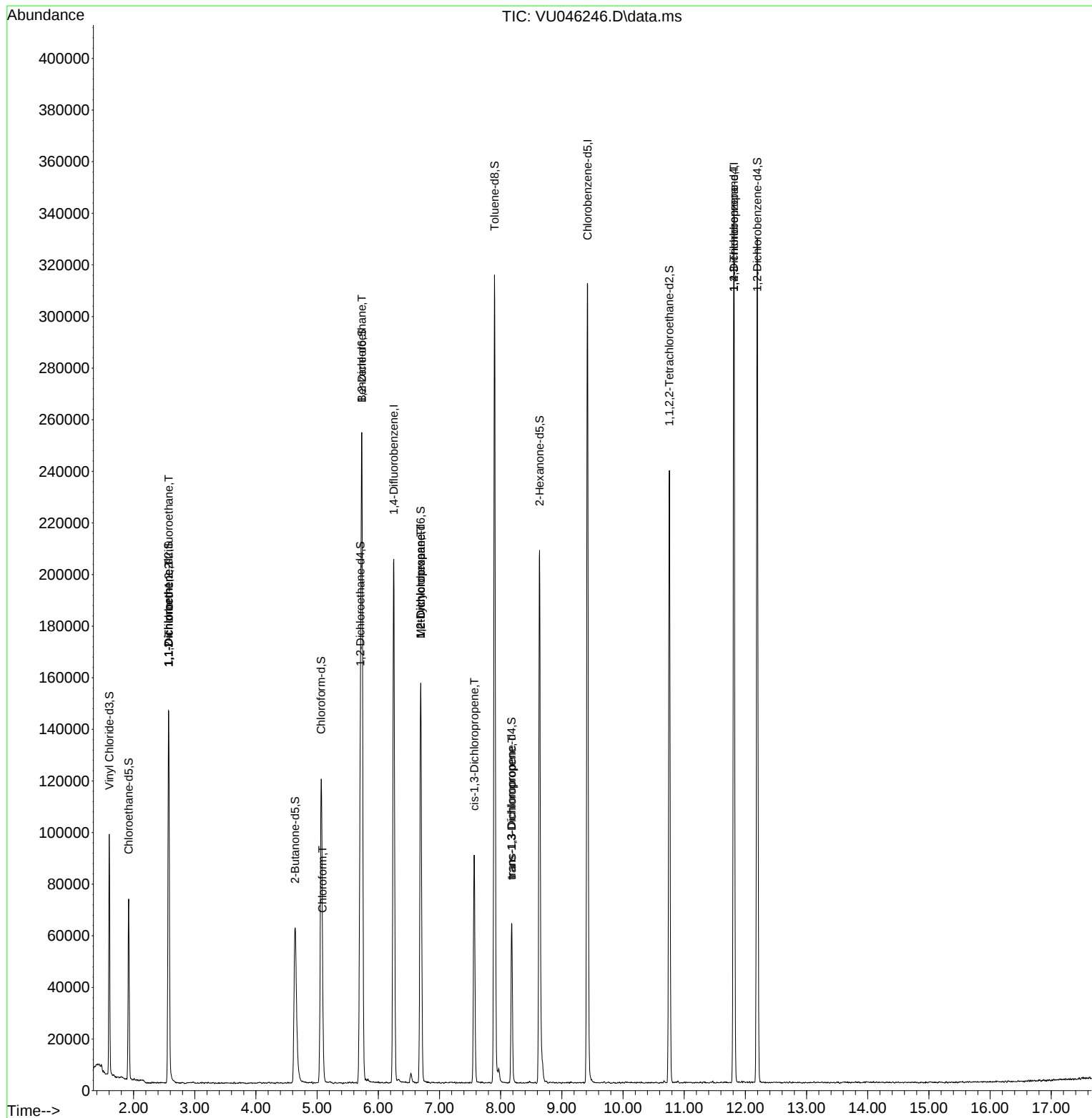
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	167959	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	177296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90452	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	66081	47.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.520%		
7) Chloroethane-d5	1.919	69	50459	47.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.000%		
11) 1,1-Dichloroethene-d2	2.572	63	85879	34.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.160%		
21) 2-Butanone-d5	4.639	46	109059	99.157	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.160%		
24) Chloroform-d	5.067	84	109907	47.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.140%		
26) 1,2-Dichloroethane-d4	5.707	65	76645	49.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
32) Benzene-d6	5.732	84	239438	47.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.240%		
36) 1,2-Dichloropropane-d6	6.694	67	74740	47.458	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.920%		
41) Toluene-d8	7.899	98	210336	45.460	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.920%		
43) trans-1,3-Dichloroprop...	8.179	79	36023	47.383	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.760%		
47) 2-Hexanone-d5	8.636	63	75642	101.301	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.300%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	116397	48.735	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	87090	49.996	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	628	0.514	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	571	0.492	ug/L #	1
25) Chloroform	5.089	83	10536	4.244	ug/L	93
27) 1,2-Dichloroethane	5.732	62	1145	0.621	ug/L #	73
35) Methylcyclohexane	6.694	83	18073	8.245	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7656	5.446	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2121	0.992	ug/L #	37
44) trans-1,3-Dichloropropene	8.182	75	1370	0.652	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	10858	5.476	ug/L #	67

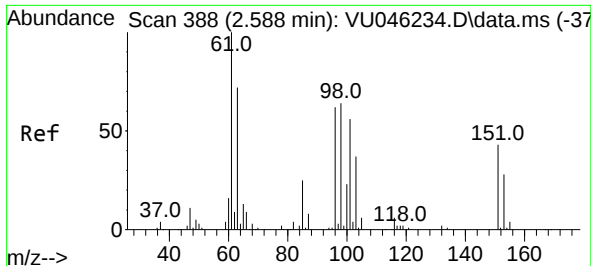
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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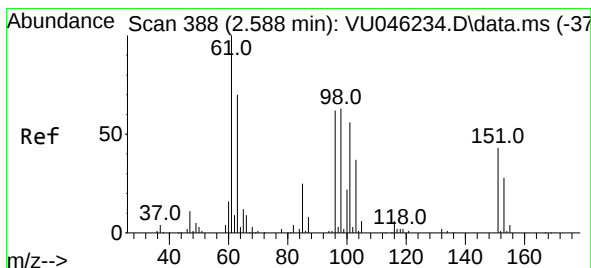
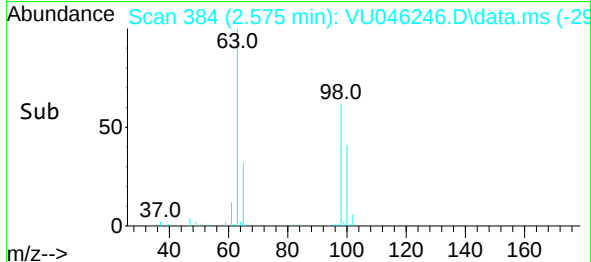
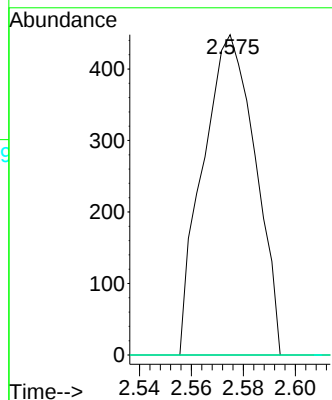
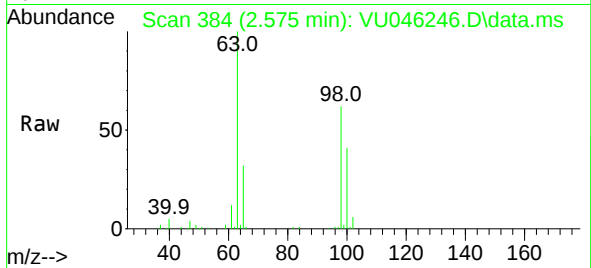




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.514 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046246.D
 Acq: 10 Dec 2021 01:25

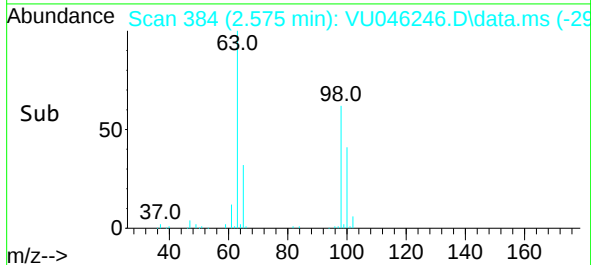
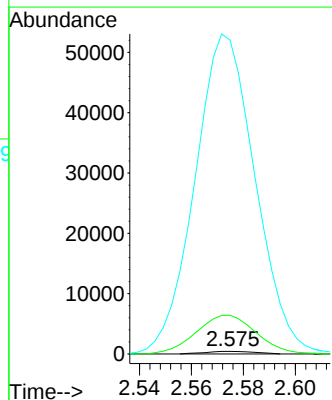
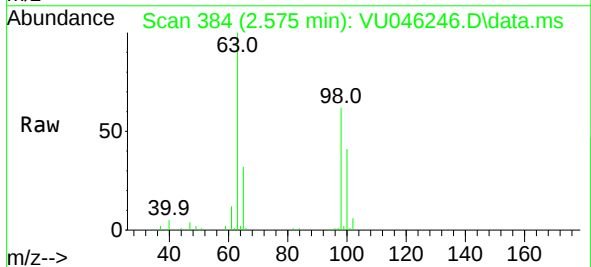
Instrument :
 MSVOA_U
 ClientSampleId :

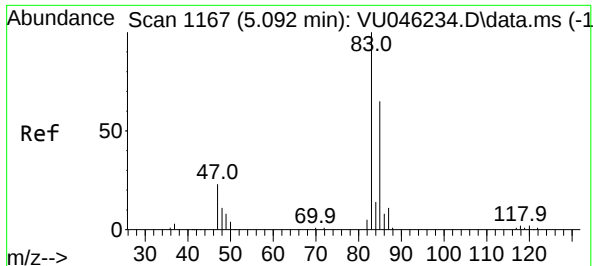
Tgt Ion:101 Resp: 628
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.492 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046246.D
 Acq: 10 Dec 2021 01:25

Tgt Ion: 96 Resp: 571
 Ion Ratio Lower Upper
 96 100
 61 1481.5 118.6 220.2#
 63 12014.8 93.0 172.8#





#25

Chloroform

Concen: 4.244 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046246.D

Acq: 10 Dec 2021 01:25

Instrument :

MSVOA_U

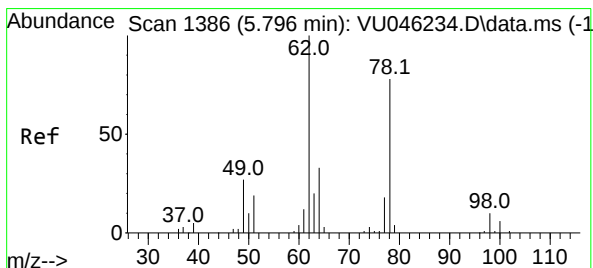
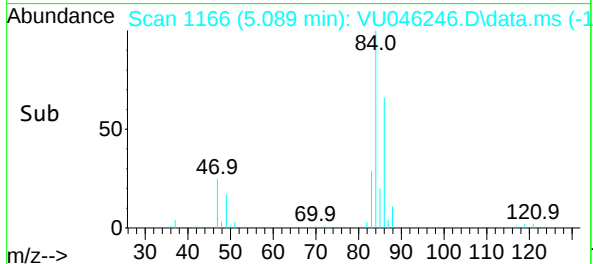
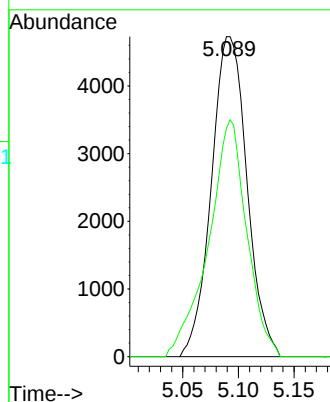
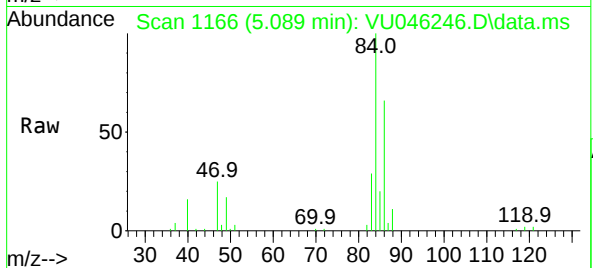
ClientSampleId :

Tgt Ion: 83 Resp: 10536

Ion Ratio Lower Upper

83 100

85 71.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.621 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.067 min

Lab File: VU046246.D

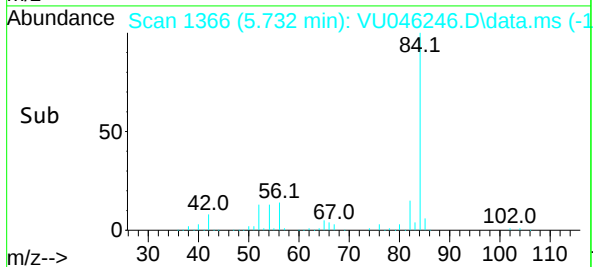
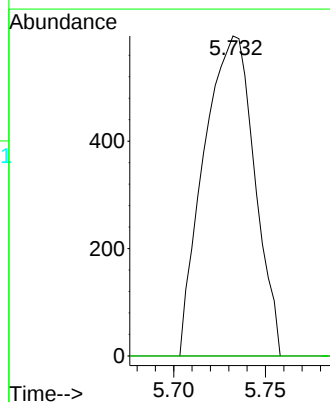
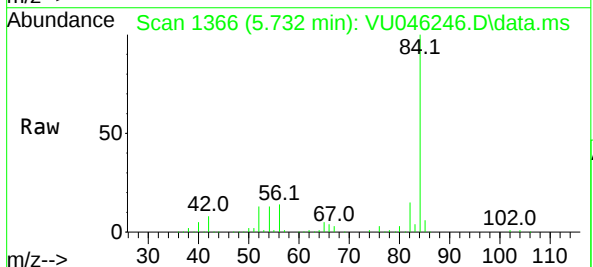
Acq: 10 Dec 2021 01:25

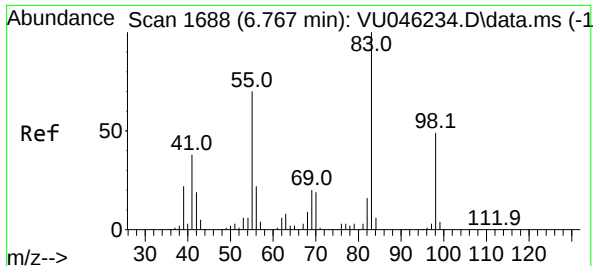
Tgt Ion: 62 Resp: 1145

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 8.245 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046246.D

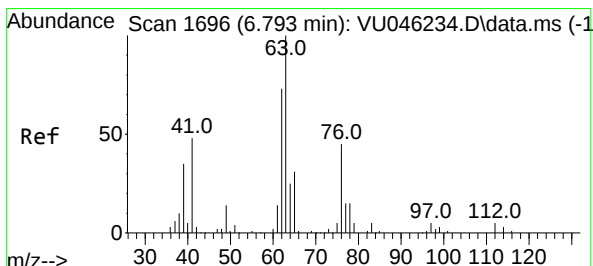
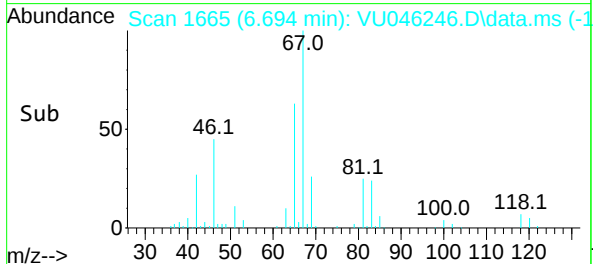
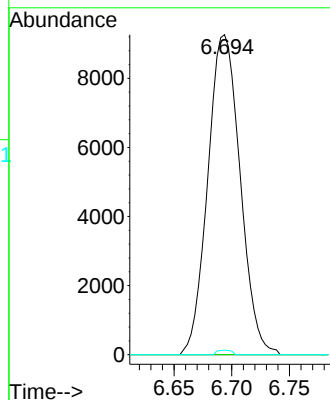
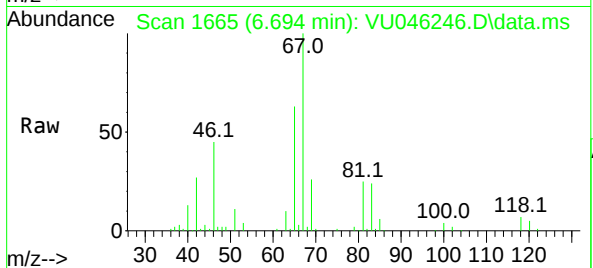
Acq: 10 Dec 2021 01:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 18073
Ion Ratio	Lower Upper
83	100
55	0.0 57.8 86.6#
98	0.6 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.446 ug/L

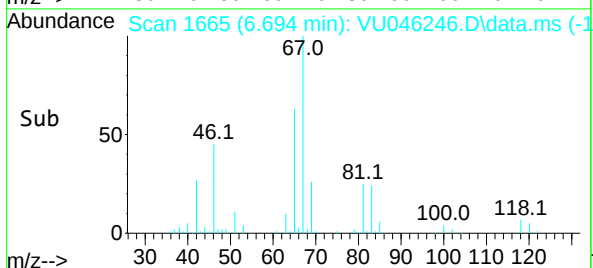
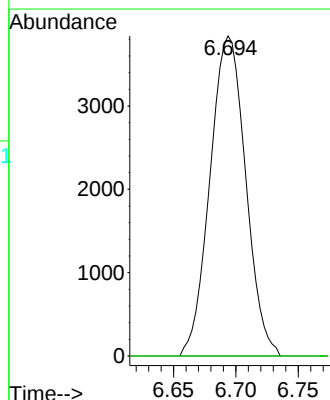
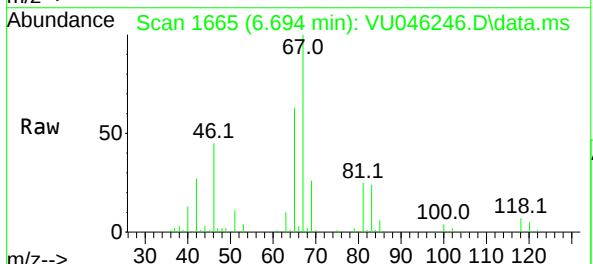
RT: 6.694 min Scan# 1665

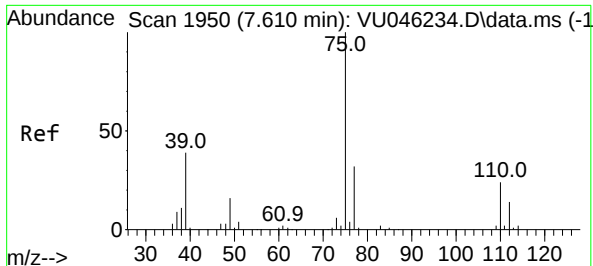
Delta R.T. -0.100 min

Lab File: VU046246.D

Acq: 10 Dec 2021 01:25

Tgt Ion: 63	Resp: 7656
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.992 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046246.D

Acq: 10 Dec 2021 01:25

Instrument :

MSVOA_U

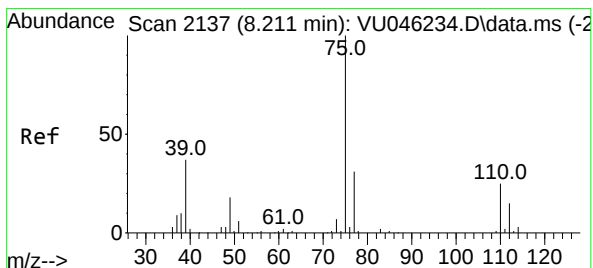
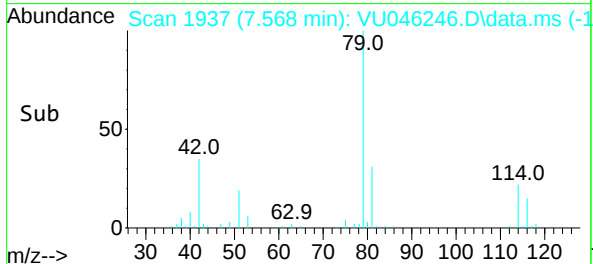
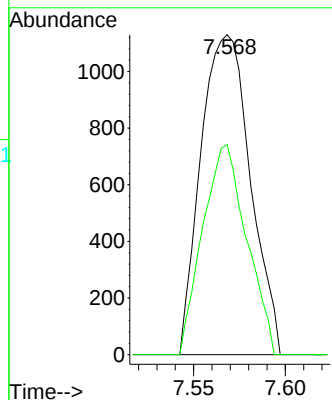
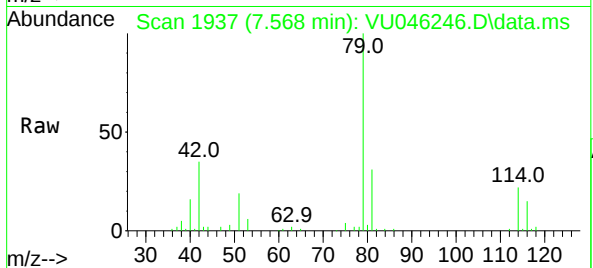
ClientSampleId :

Tgt Ion: 75 Resp: 2121

Ion Ratio Lower Upper

75 100

77 65.7 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.652 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046246.D

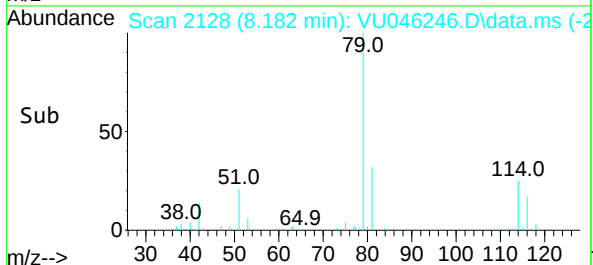
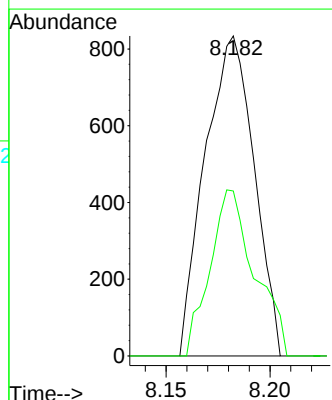
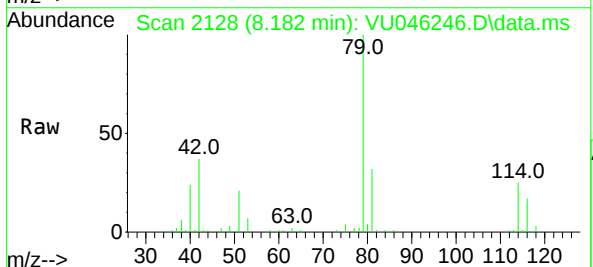
Acq: 10 Dec 2021 01:25

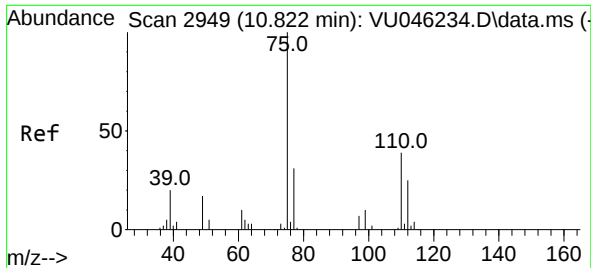
Tgt Ion: 75 Resp: 1370

Ion Ratio Lower Upper

75 100

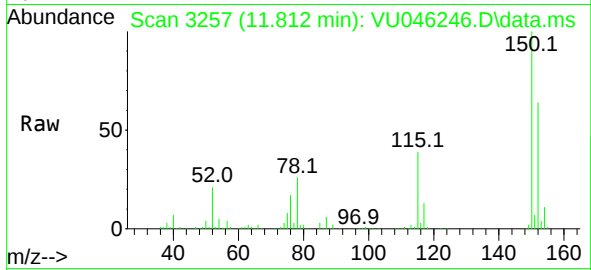
77 51.6 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.476 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046246.D
 Acq: 10 Dec 2021 01:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10858
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.4 39.6
 110 2.9 32.4 48.6#

