

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046418.D
 Acq On : 16 Dec 2021 14:08
 Operator : SY/MD
 Sample : M5024-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:52:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

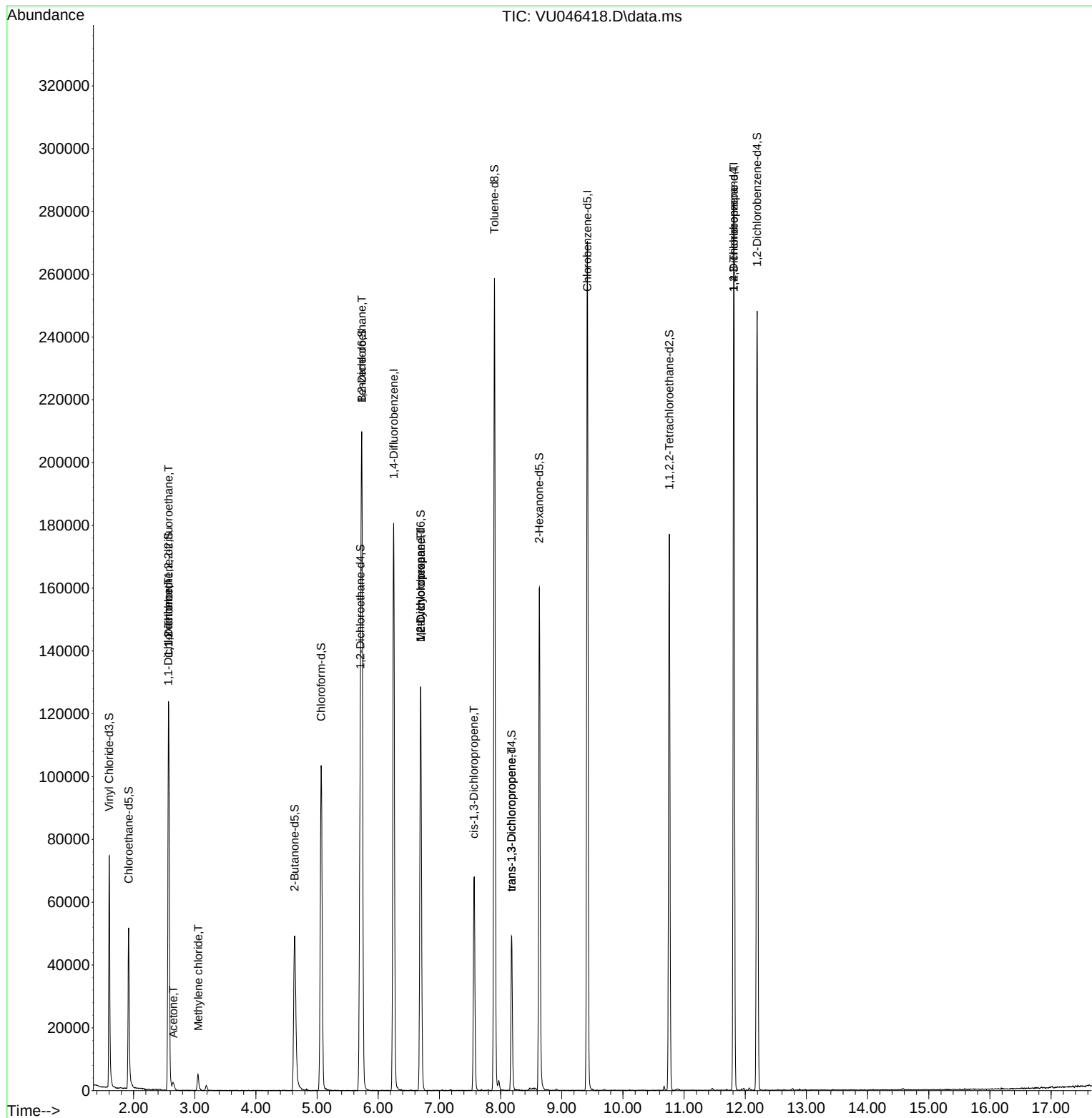
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143279	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	148068	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59440	50.362	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.720%			
7) Chloroethane-d5	1.919	69	41982	46.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.660%			
11) 1,1-Dichloroethene-d2	2.572	63	74497	35.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.320%			
21) 2-Butanone-d5	4.633	46	75340	80.299	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.300%			
24) Chloroform-d	5.067	84	98429	49.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.880%			
26) 1,2-Dichloroethane-d4	5.707	65	65117	49.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.460%			
32) Benzene-d6	5.732	84	195906	46.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.320%			
36) 1,2-Dichloropropane-d6	6.694	67	60091	45.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.380%			
41) Toluene-d8	7.899	98	167993	43.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.960%			
43) trans-1,3-Dichloroprop...	8.179	79	28084	44.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.460%			
47) 2-Hexanone-d5	8.632	63	56545	90.674	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.670%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86979	43.606	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	63311	45.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.360%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	600	0.576	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	449	0.453	ug/L #	1
13) Acetone	2.649	43	3646	3.109	ug/L	73
16) Methylene chloride	3.057	84	2831	2.402	ug/L	88
27) 1,2-Dichloroethane	5.732	62	1045	0.665	ug/L #	73
35) Methylcyclohexane	6.694	83	15095	8.246	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6786	5.780	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1714	0.960	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	1252	0.714	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	8660	5.489	ug/L #	66

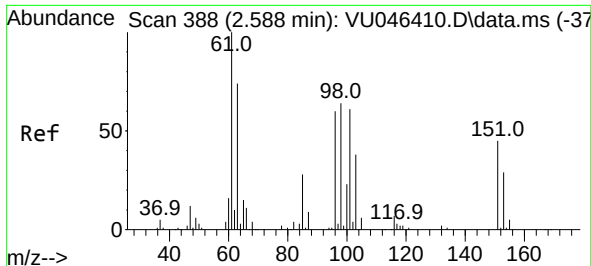
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
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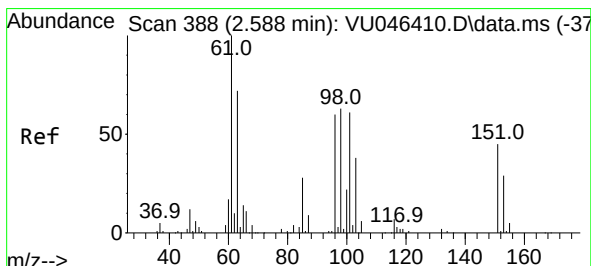
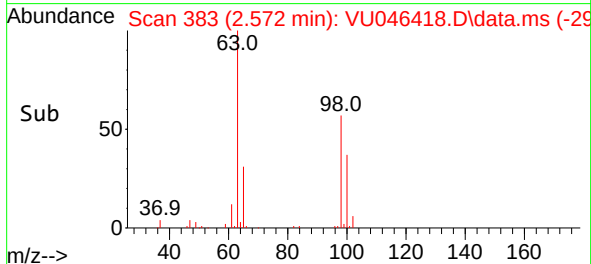
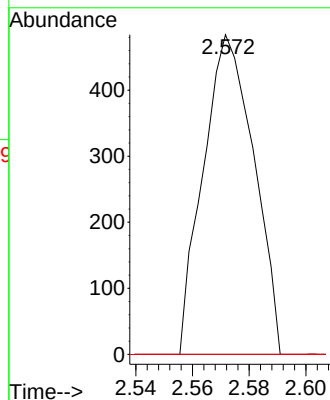
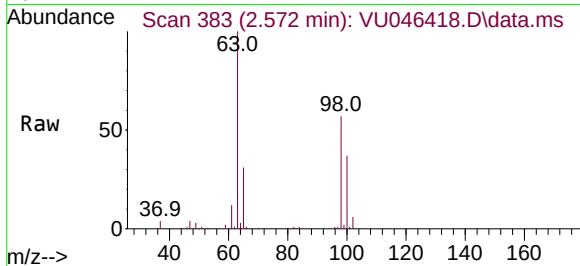




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.576 ug/L
 RT: 2.572 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU046418.D
 Acq: 16 Dec 2021 14:08

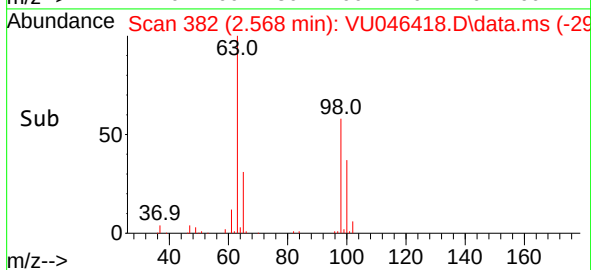
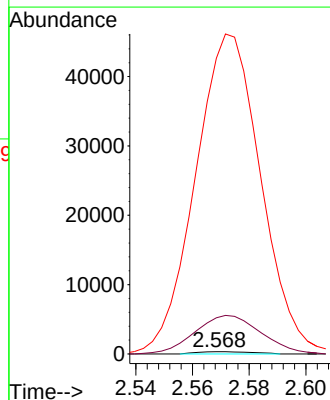
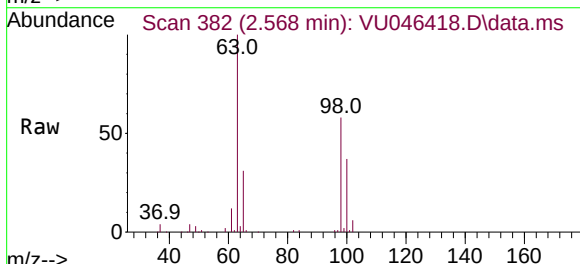
Instrument :
 MSVOA_U
 ClientSampleId :

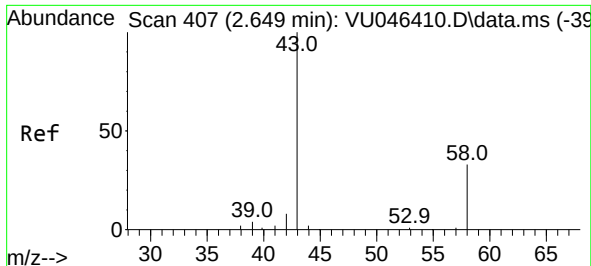
Tgt Ion:101 Resp: 600
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.453 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU046418.D
 Acq: 16 Dec 2021 14:08

Tgt Ion: 96 Resp: 449
 Ion Ratio Lower Upper
 96 100
 61 1642.8 118.6 220.2#
 63 13411.3 93.0 172.8#





#13

Acetone

Concen: 3.109 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU046418.D

Acq: 16 Dec 2021 14:08

Instrument :

MSVOA_U

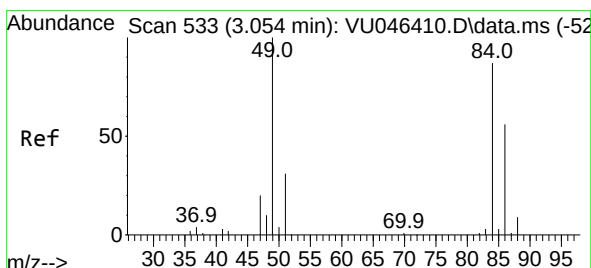
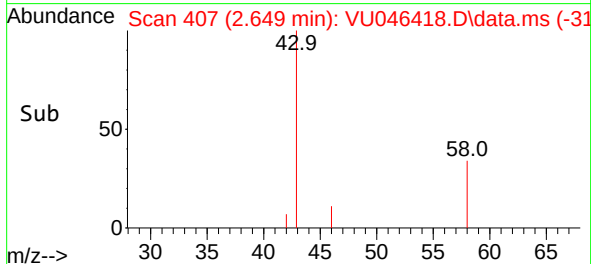
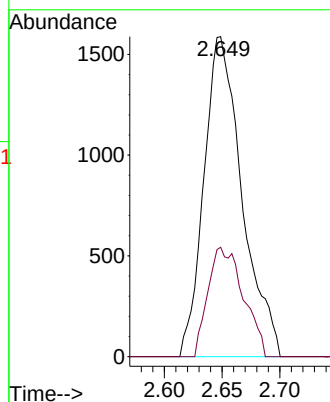
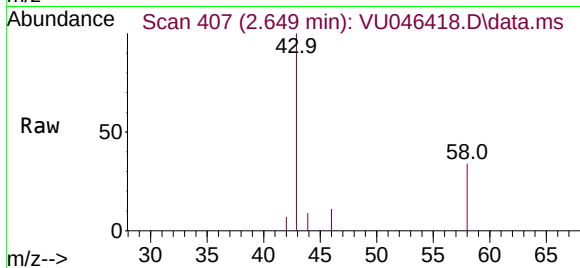
ClientSampleId :

Tgt Ion: 43 Resp: 3646

Ion Ratio Lower Upper

43 100

58 18.2 0.0 66.8



#16

Methylene chloride

Concen: 2.402 ug/L

RT: 3.057 min Scan# 534

Delta R.T. 0.003 min

Lab File: VU046418.D

Acq: 16 Dec 2021 14:08

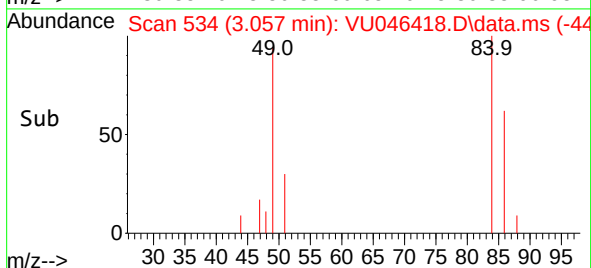
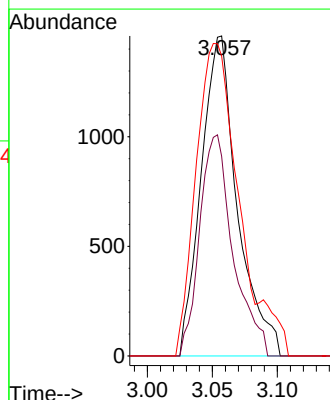
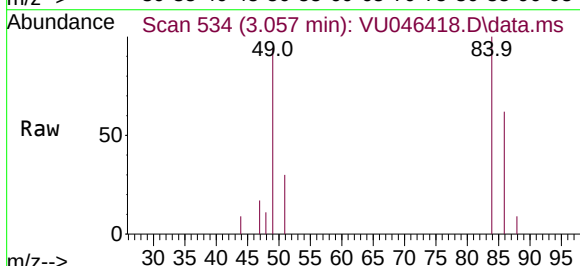
Tgt Ion: 84 Resp: 2831

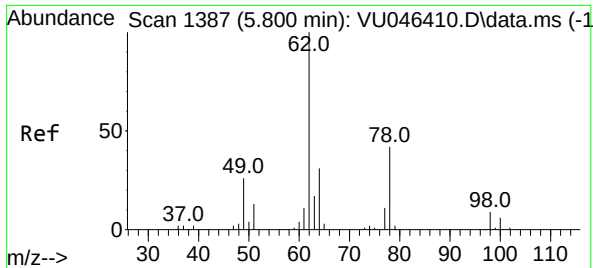
Ion Ratio Lower Upper

84 100

86 62.4 44.7 83.1

49 93.8 78.4 145.6

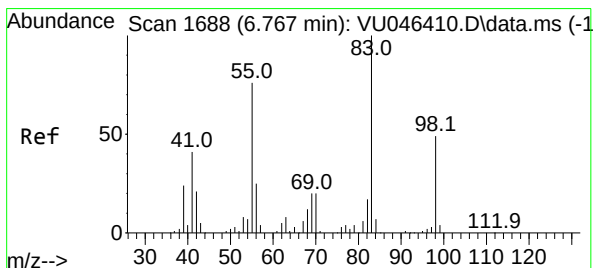
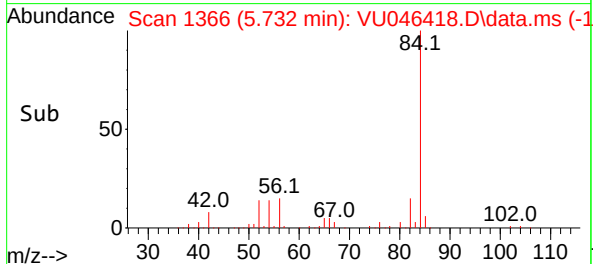
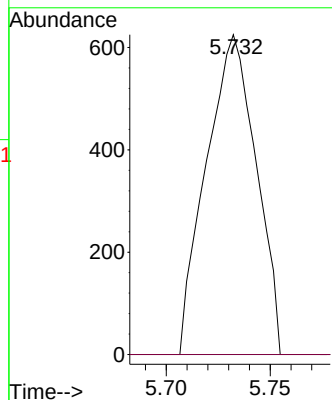
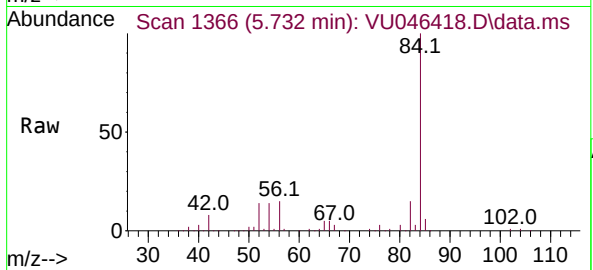




#27
1,2-Dichloroethane
Concen: 0.665 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU046418.D
Acq: 16 Dec 2021 14:08

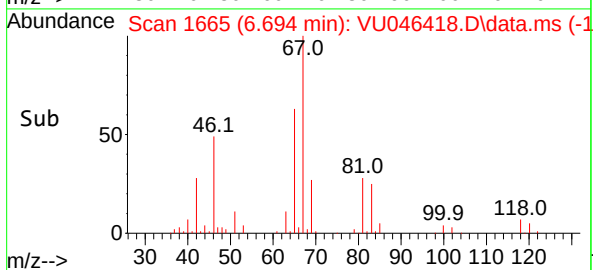
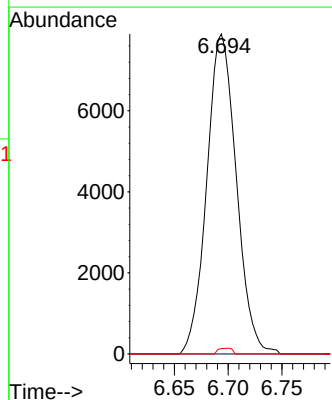
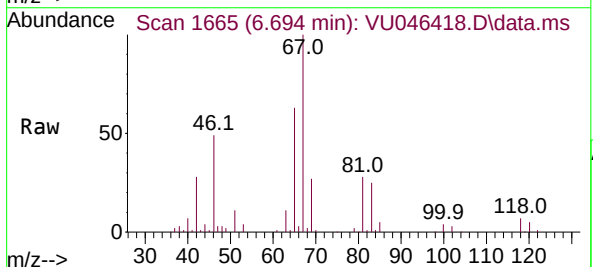
Instrument :
MSVOA_U
ClientSampleId :

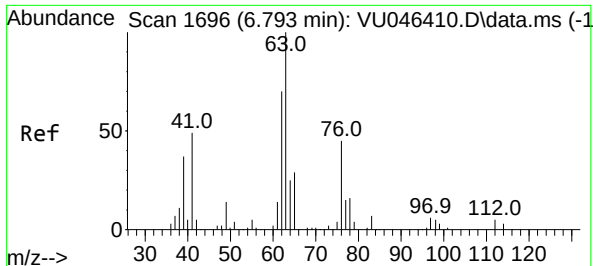
Tgt Ion: 62 Resp: 1045
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.246 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046418.D
Acq: 16 Dec 2021 14:08

Tgt Ion: 83 Resp: 15095
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.780 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046418.D

Acq: 16 Dec 2021 14:08

Instrument :

MSVOA_U

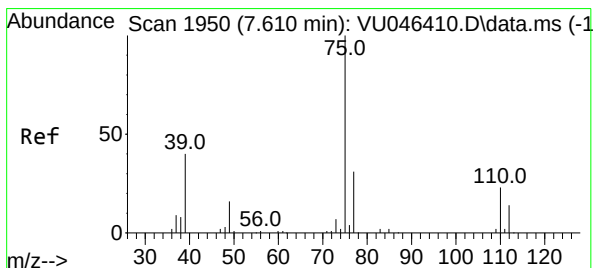
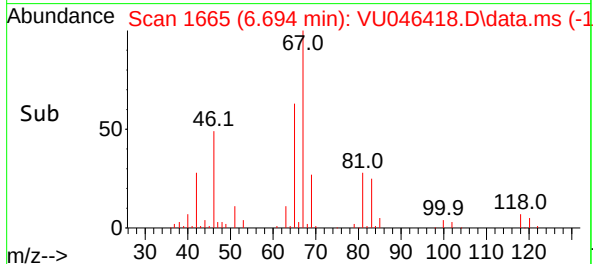
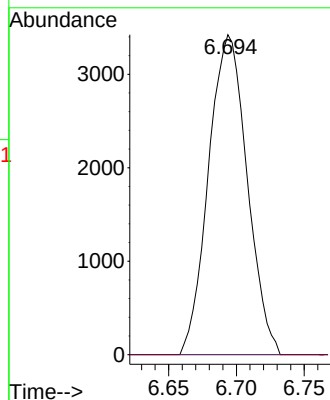
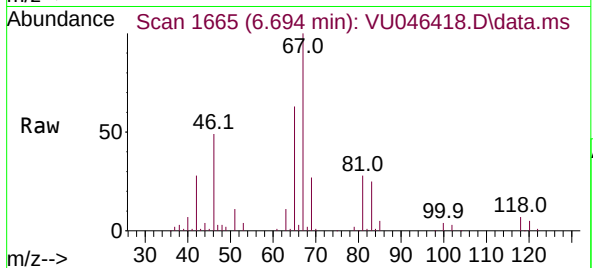
ClientSampleId :

Tgt Ion: 63 Resp: 6786

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046418.D

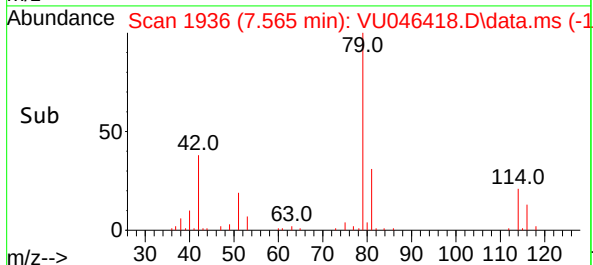
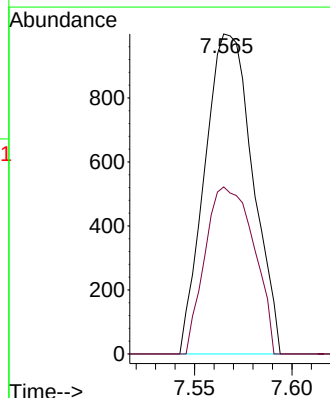
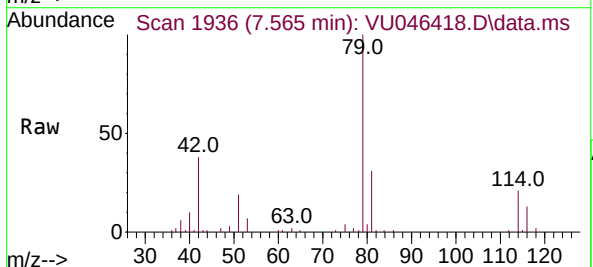
Acq: 16 Dec 2021 14:08

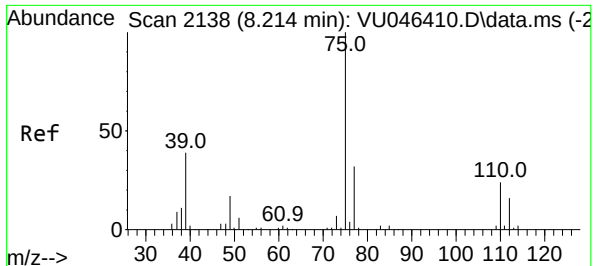
Tgt Ion: 75 Resp: 1714

Ion Ratio Lower Upper

75 100

77 52.2 21.8 40.6#

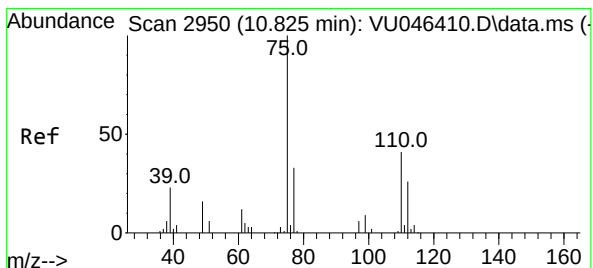
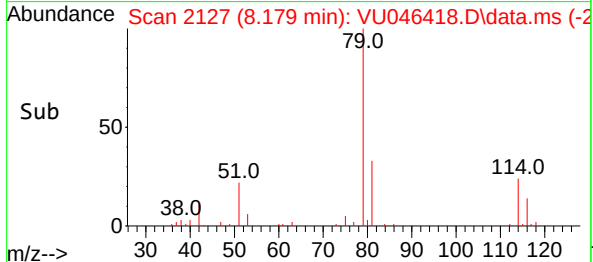
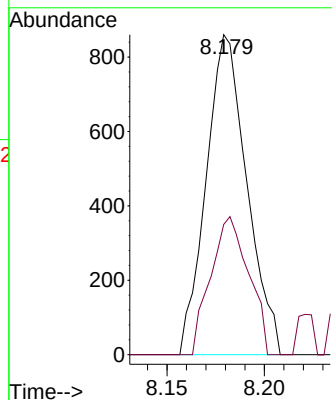
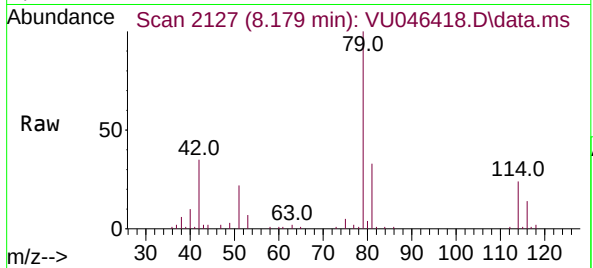




#44
trans-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046418.D
Acq: 16 Dec 2021 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1252
Ion Ratio Lower Upper
75 100
77 40.7 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.489 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046418.D
Acq: 16 Dec 2021 14:08

Tgt Ion: 75 Resp: 8660
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 2.4 32.4 48.6#

