

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046419.D
 Acq On : 16 Dec 2021 14:31
 Operator : SY/MD
 Sample : M5024-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:52:26 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)

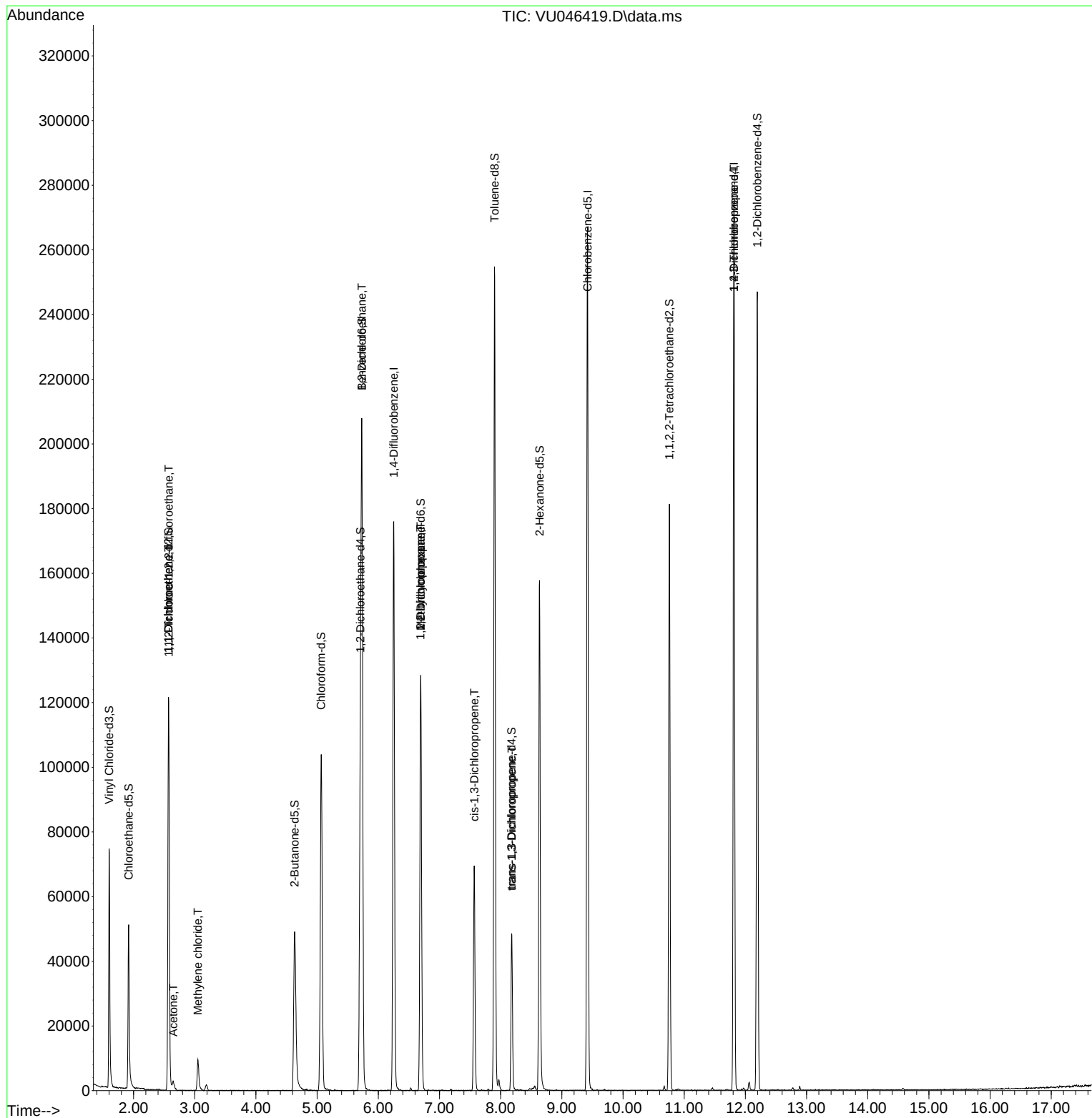
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141949	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71371	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58632	50.143	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.280%
7) Chloroethane-d5	1.919	69	42137	46.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.860%
11) 1,1-Dichloroethene-d2	2.572	63	73855	35.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.360%
21) 2-Butanone-d5	4.633	46	74848	80.522	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	5.067	84	98156	50.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
26) 1,2-Dichloroethane-d4	5.707	65	65776	50.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.380%
32) Benzene-d6	5.732	84	194292	46.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	6.694	67	60462	46.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	7.899	98	167234	43.519	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
43) trans-1,3-Dichloroprop...	8.179	79	28220	44.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.380%
47) 2-Hexanone-d5	8.636	63	56668	91.374	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86208	43.459	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	63007	45.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	641	0.621	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	491	0.500	ug/L #	1
13) Acetone	2.649	43	4268	3.674	ug/L	91
16) Methylene chloride	3.051	84	5023	4.301	ug/L	91
27) 1,2-Dichloroethane	5.732	62	1089	0.699	ug/L #	73
35) Methylcyclohexane	6.694	83	14910	8.190	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6644	5.691	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1706	0.961	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1147	0.658	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	8681	5.549	ug/L #	65

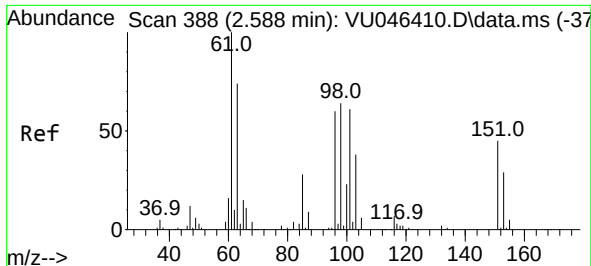
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
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Quant Time: Dec 17 01:52:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
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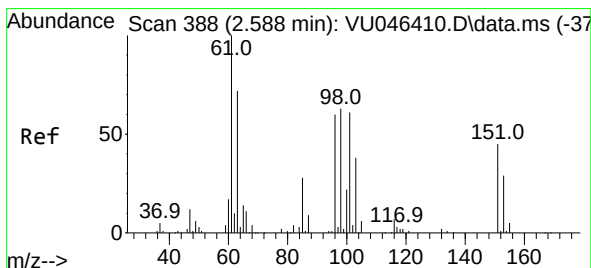
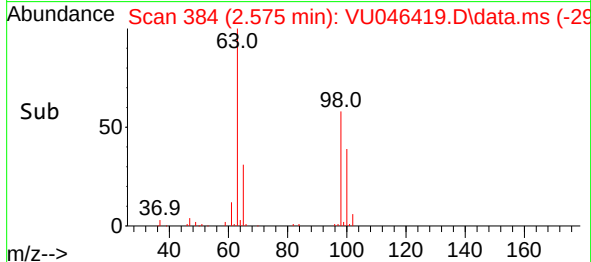
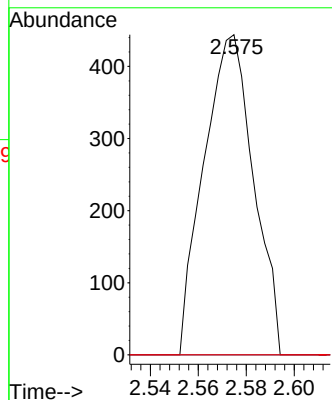
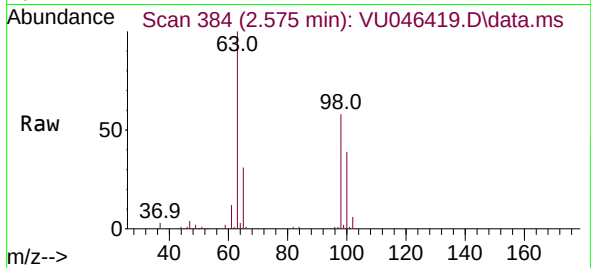




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.621 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046419.D
 Acq: 16 Dec 2021 14:31

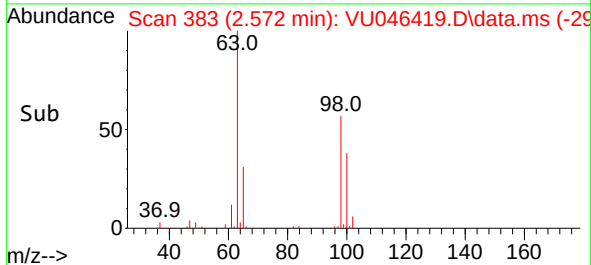
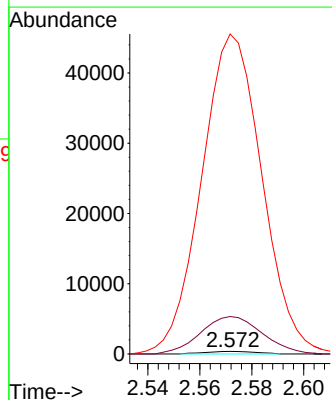
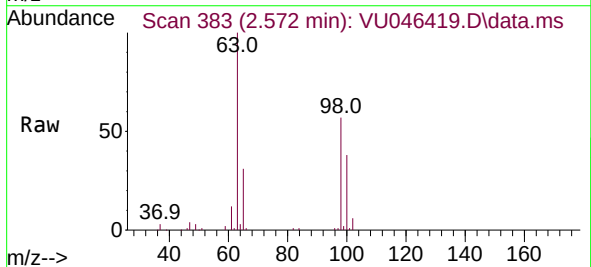
Instrument :
 MSVOA_U
 ClientSampleId :

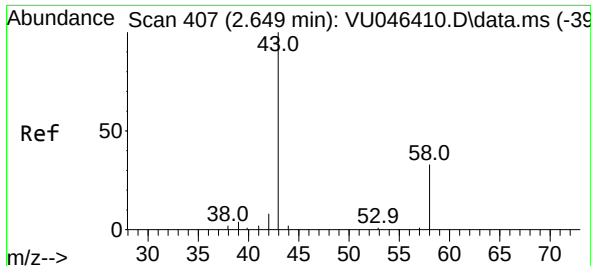
Tgt Ion:101 Resp: 641
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.500 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046419.D
 Acq: 16 Dec 2021 14:31

Tgt Ion: 96 Resp: 491
 Ion Ratio Lower Upper
 96 100
 61 1488.0 118.6 220.2#
 63 12688.6 93.0 172.8#





#13

Acetone

Concen: 3.674 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU046419.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_U

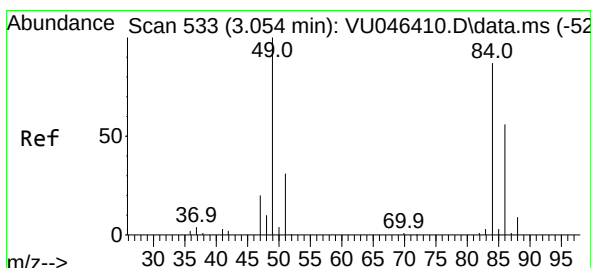
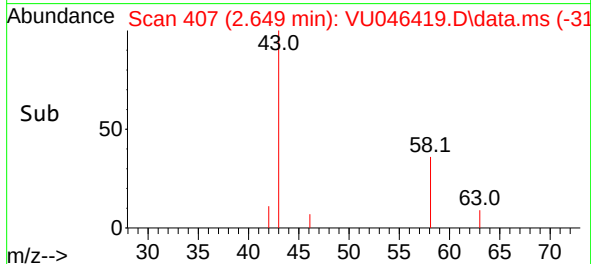
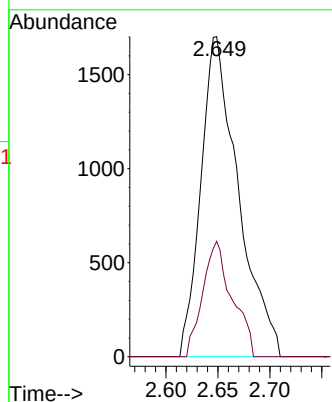
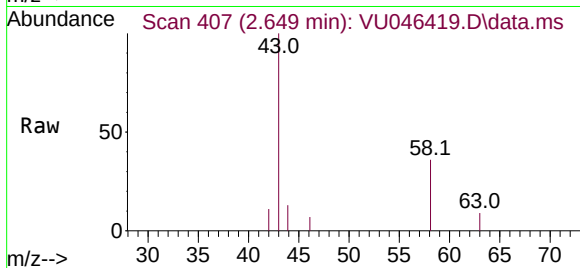
ClientSampleId :

Tgt Ion: 43 Resp: 4268

Ion Ratio Lower Upper

43 100

58 28.3 0.0 66.8



#16

Methylene chloride

Concen: 4.301 ug/L

RT: 3.051 min Scan# 532

Delta R.T. -0.003 min

Lab File: VU046419.D

Acq: 16 Dec 2021 14:31

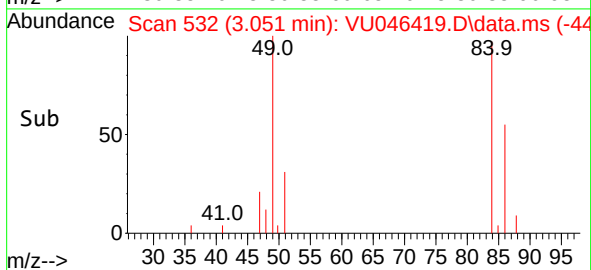
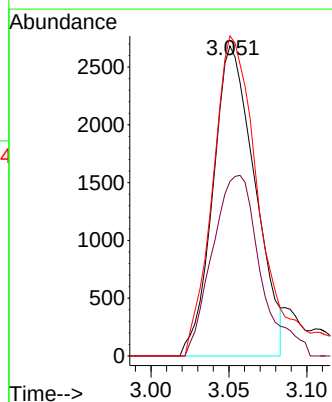
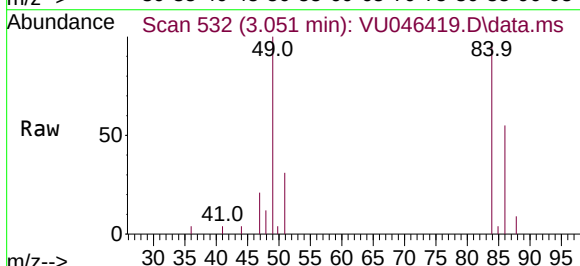
Tgt Ion: 84 Resp: 5023

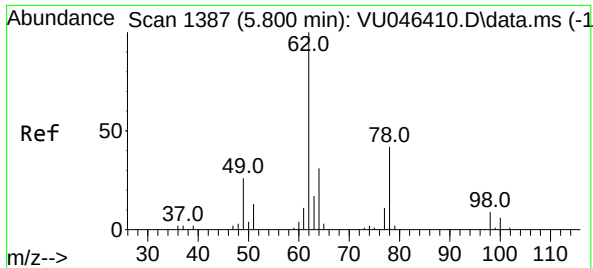
Ion Ratio Lower Upper

84 100

86 56.3 44.7 83.1

49 103.2 78.4 145.6





#27

1,2-Dichloroethane

Concen: 0.699 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU046419.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_U

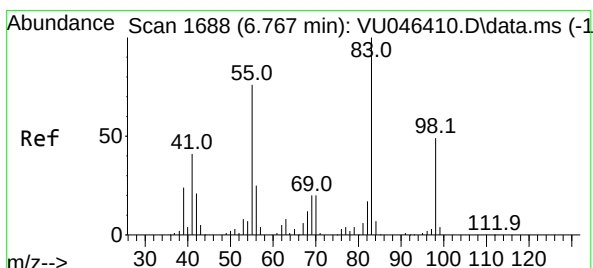
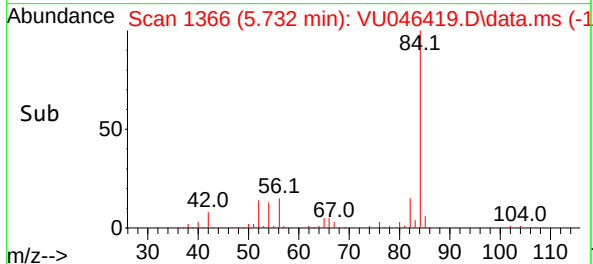
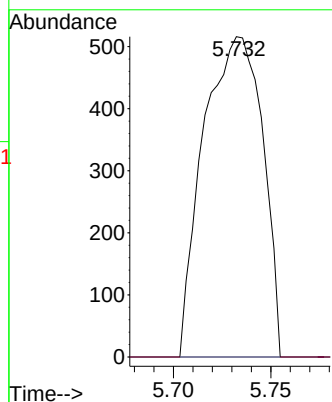
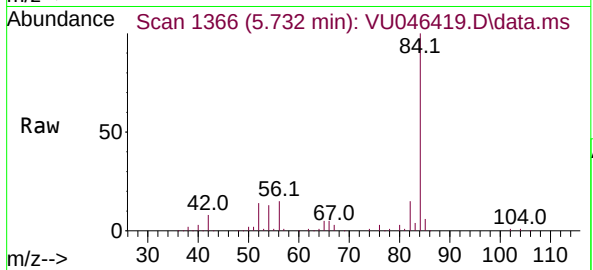
ClientSampleId :

Tgt Ion: 62 Resp: 1089

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.190 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046419.D

Acq: 16 Dec 2021 14:31

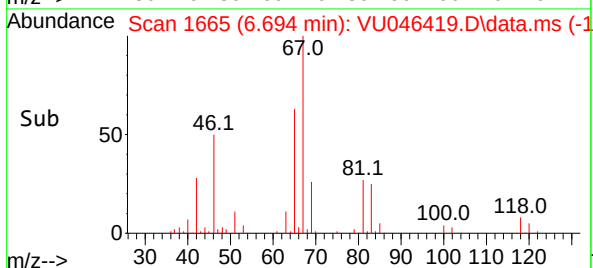
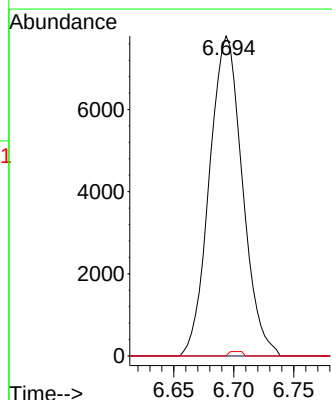
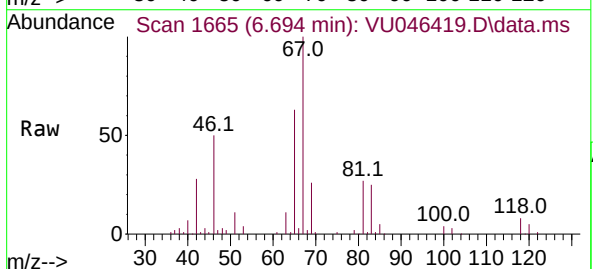
Tgt Ion: 83 Resp: 14910

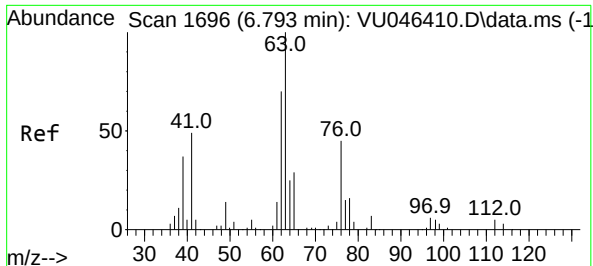
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.691 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046419.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_U

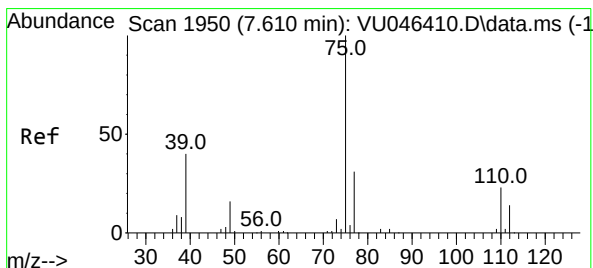
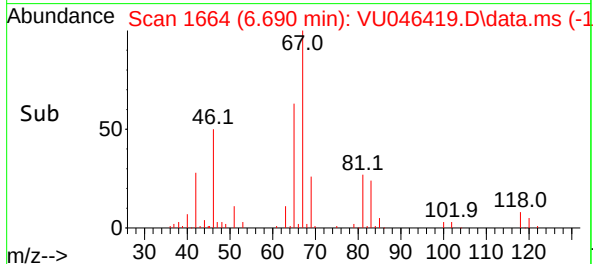
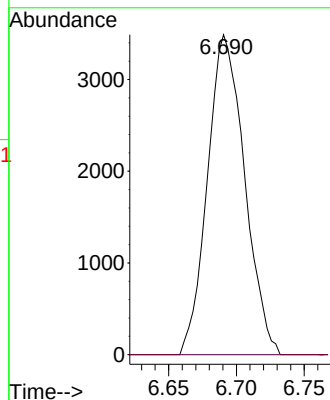
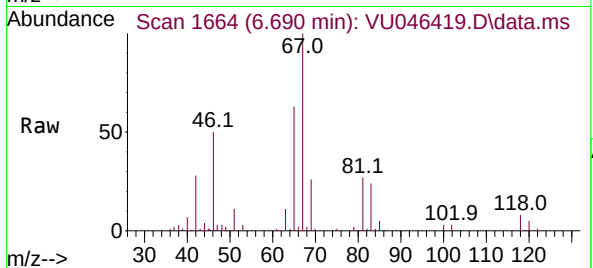
ClientSampleId :

Tgt Ion: 63 Resp: 6644

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046419.D

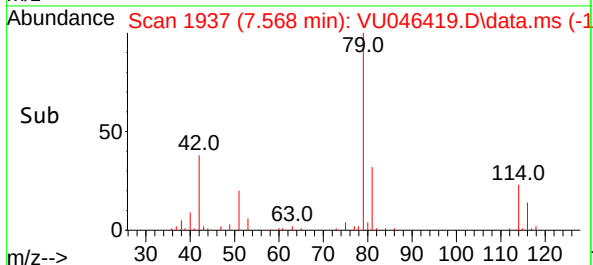
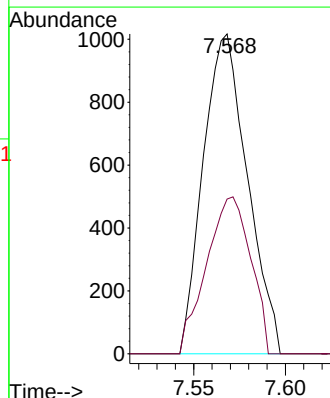
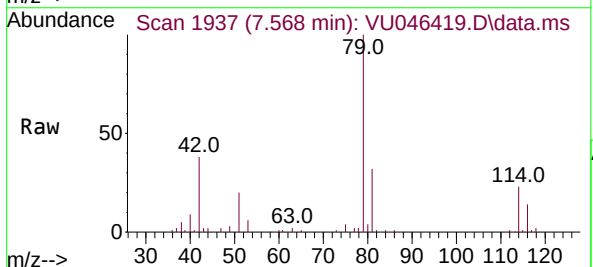
Acq: 16 Dec 2021 14:31

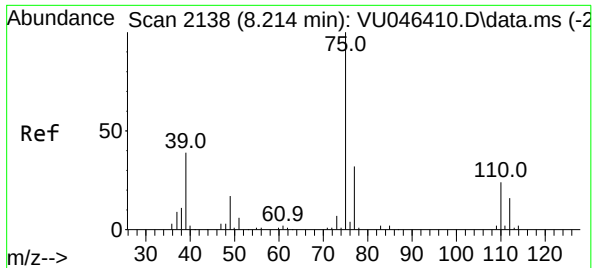
Tgt Ion: 75 Resp: 1706

Ion Ratio Lower Upper

75 100

77 48.4 21.8 40.6#

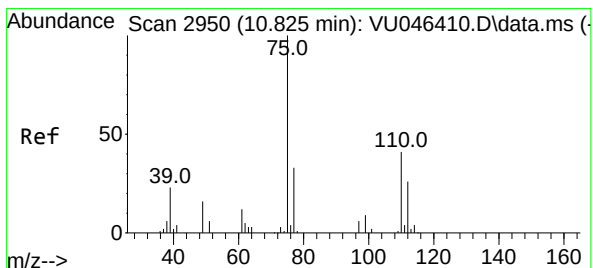
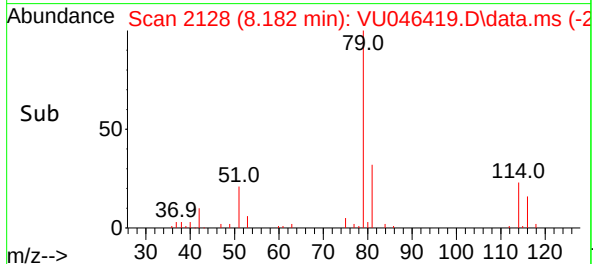
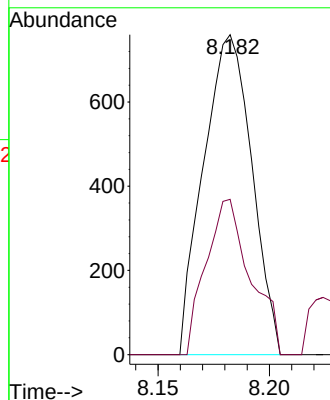
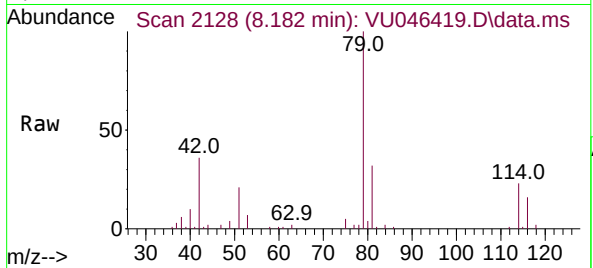




#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046419.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1147
Ion Ratio Lower Upper
75 100
77 48.6 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.549 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046419.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 75 Resp: 8681
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 1.4 32.4 48.6#

