

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046423.D
 Acq On : 16 Dec 2021 16:01
 Operator : SY/MD
 Sample : M5037-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:53:18 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)

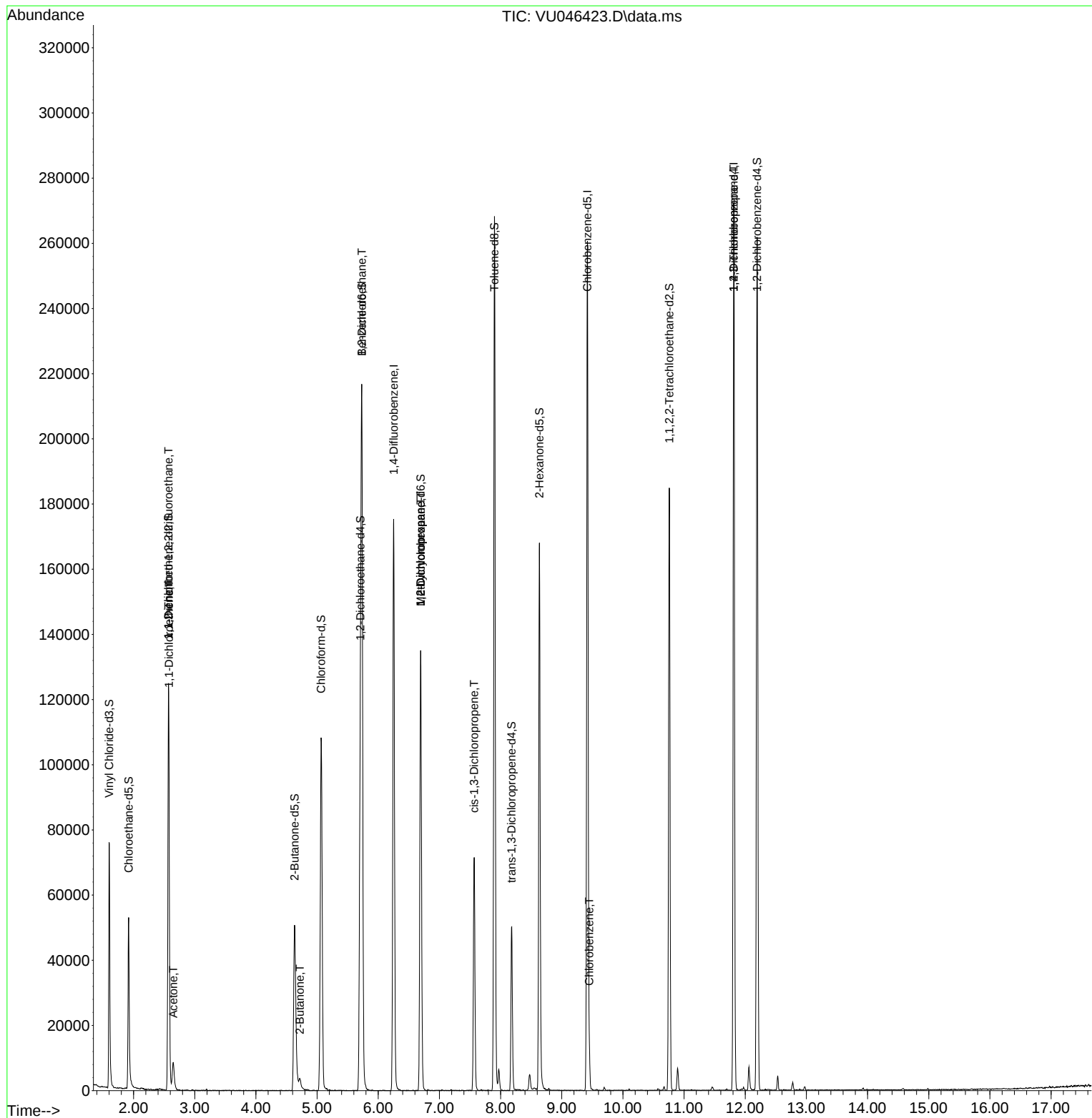
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139673	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59236	51.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.960%	
7) Chloroethane-d5	1.919	69	42667	48.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 96.600%	
11) 1,1-Dichloroethene-d2	2.572	63	75850	36.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 73.440%	
21) 2-Butanone-d5	4.633	46	77827	85.091	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 85.090%	
24) Chloroform-d	5.067	84	101477	52.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.640%	
26) 1,2-Dichloroethane-d4	5.707	65	68012	52.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.480%	
32) Benzene-d6	5.732	84	200960	48.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.660%	
36) 1,2-Dichloropropane-d6	6.694	67	61844	48.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 96.980%	
41) Toluene-d8	7.899	98	172558	46.051	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 92.100%	
43) trans-1,3-Dichloroprop...	8.179	79	28885	46.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.820%	
47) 2-Hexanone-d5	8.636	63	58680	97.033	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 97.030%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	89868	46.461	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 92.920%	
66) 1,2-Dichlorobenzene-d4	12.195	152	65916	48.431	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.860%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	688	0.677	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	403	0.417	ug/L #	1
13) Acetone	2.649	43	12497	10.933	ug/L	96
22) 2-Butanone	4.719	43	5424	4.359	ug/L	92
27) 1,2-Dichloroethane	5.732	62	1052	0.687	ug/L #	73
35) Methylcyclohexane	6.694	83	15500	8.731	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7173	6.301	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1835	1.060	ug/L #	65
51) Chlorobenzene	9.449	112	5761	1.910	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	8560	5.525	ug/L #	64

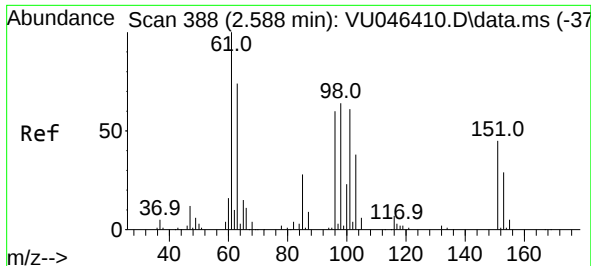
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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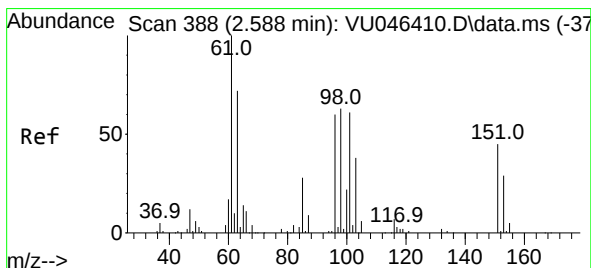
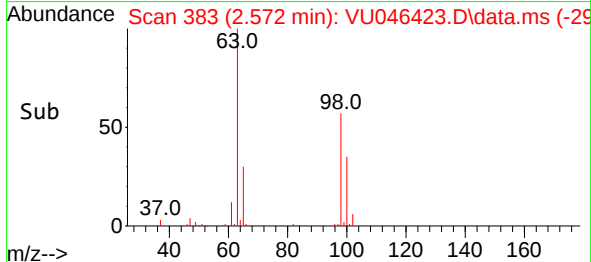
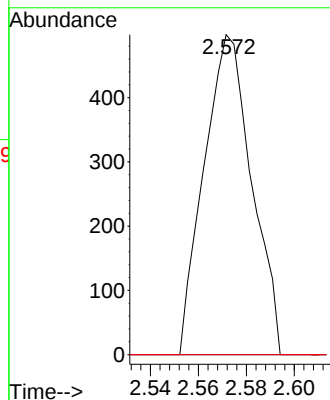
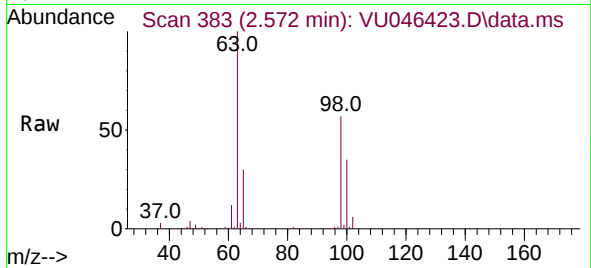




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.677 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046423.D
Acq: 16 Dec 2021 16:01

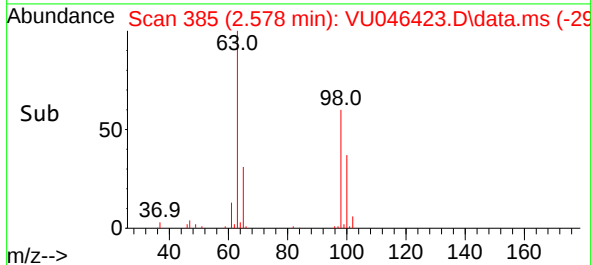
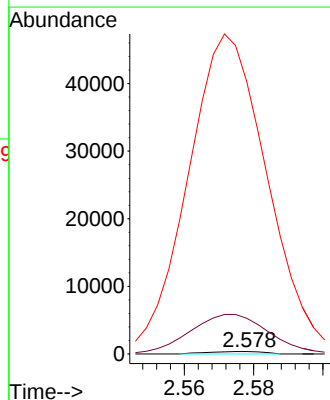
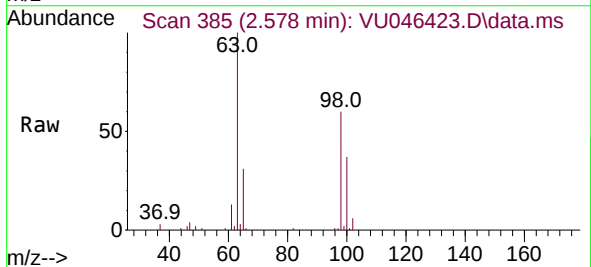
Instrument :
MSVOA_U
ClientSampleId :

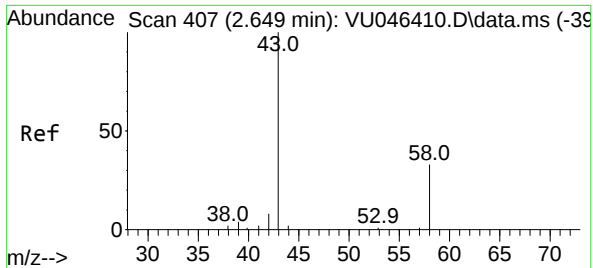
Tgt Ion:101 Resp: 688
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.417 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046423.D
Acq: 16 Dec 2021 16:01

Tgt Ion: 96 Resp: 403
Ion Ratio Lower Upper
96 100
61 1495.5 118.6 220.2#
63 11413.0 93.0 172.8#





#13

Acetone

Concen: 10.933 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU046423.D

Acq: 16 Dec 2021 16:01

Instrument :

MSVOA_U

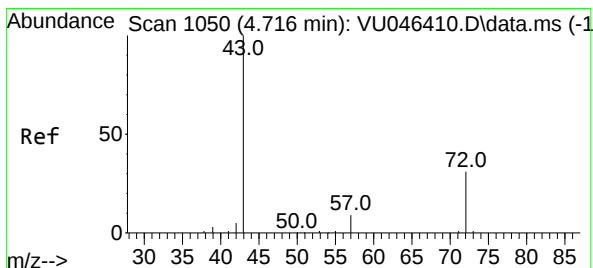
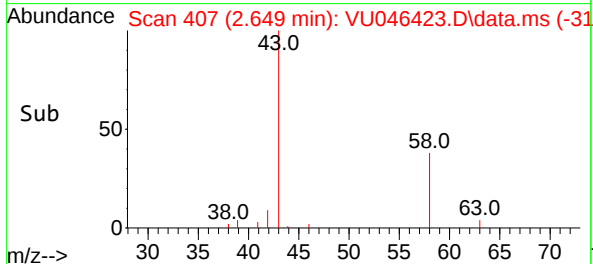
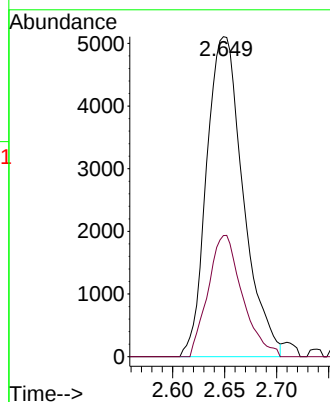
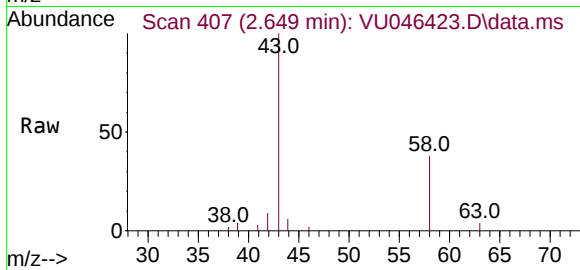
ClientSampleId :

Tgt Ion: 43 Resp: 12497

Ion Ratio Lower Upper

43 100

58 35.5 0.0 66.8



#22

2-Butanone

Concen: 4.359 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.003 min

Lab File: VU046423.D

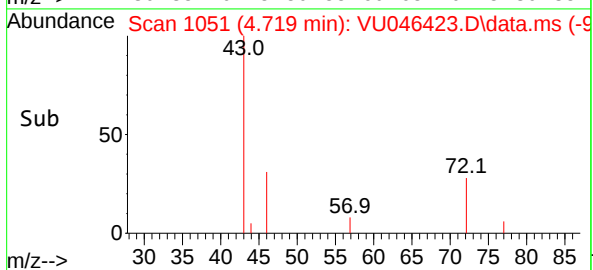
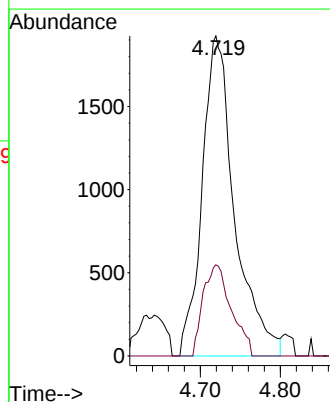
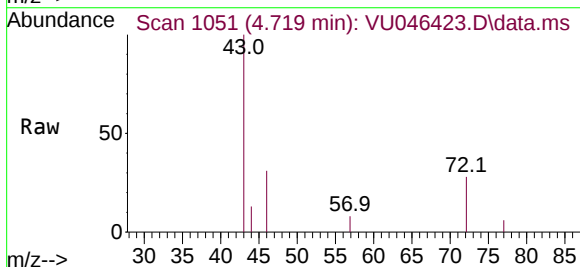
Acq: 16 Dec 2021 16:01

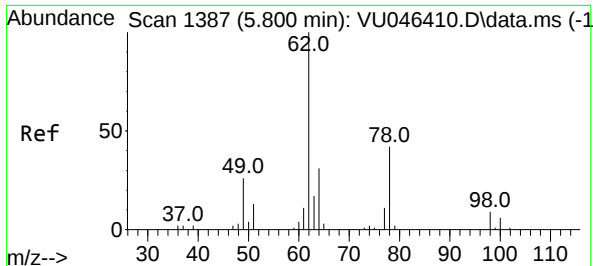
Tgt Ion: 43 Resp: 5424

Ion Ratio Lower Upper

43 100

72 24.7 14.5 43.6





#27

1,2-Dichloroethane

Concen: 0.687 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU046423.D

Acq: 16 Dec 2021 16:01

Instrument :

MSVOA_U

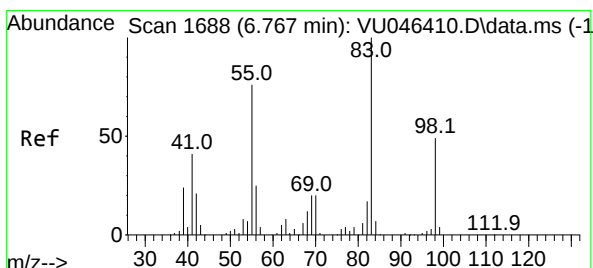
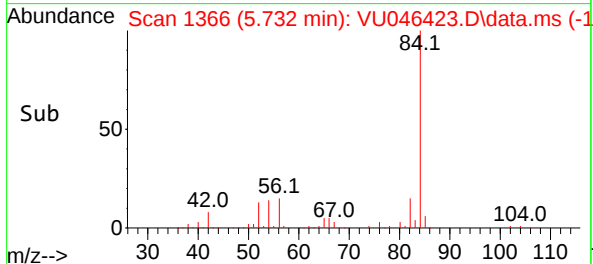
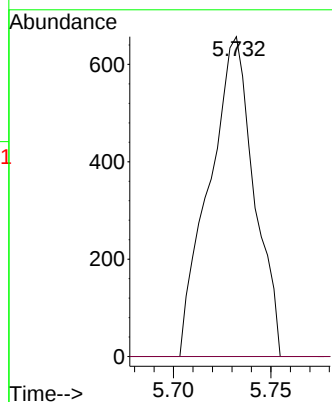
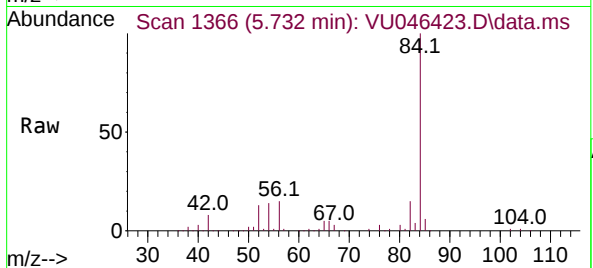
ClientSampleId :

Tgt Ion: 62 Resp: 1052

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.731 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046423.D

Acq: 16 Dec 2021 16:01

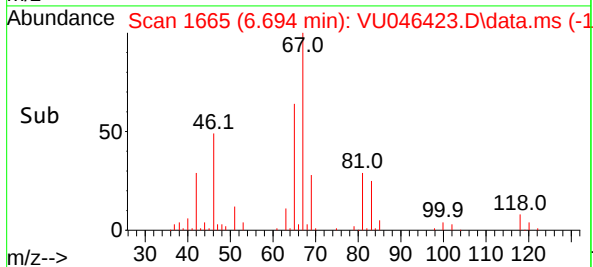
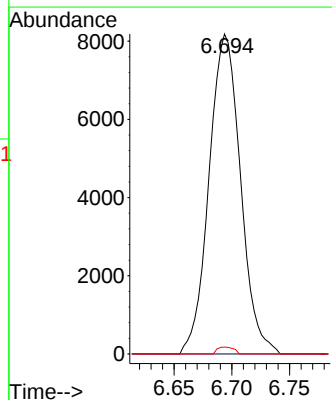
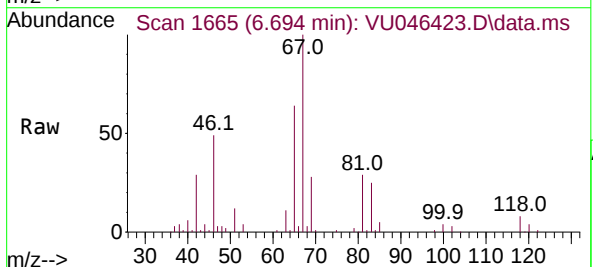
Tgt Ion: 83 Resp: 15500

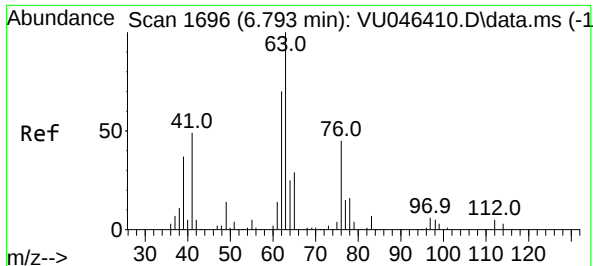
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 1.1 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.301 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046423.D

Acq: 16 Dec 2021 16:01

Instrument :

MSVOA_U

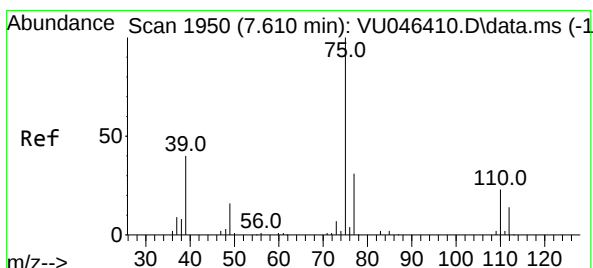
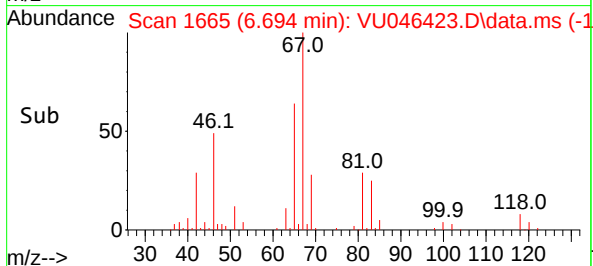
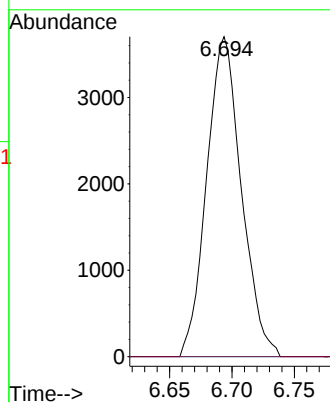
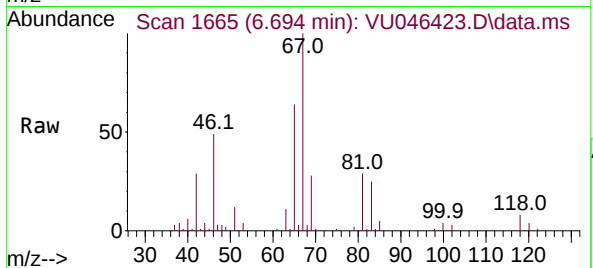
ClientSampleId :

Tgt Ion: 63 Resp: 7173

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.060 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046423.D

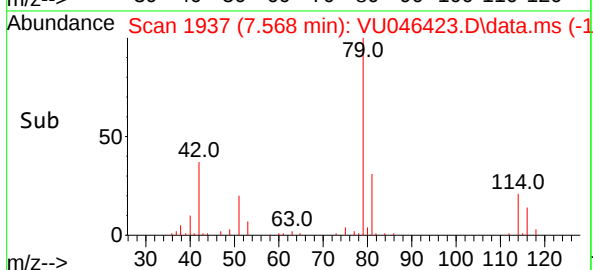
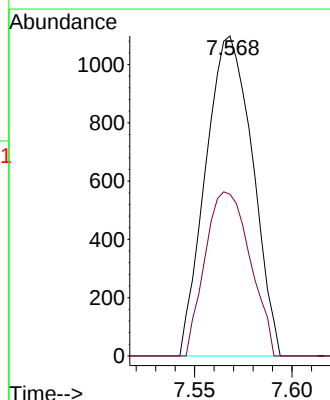
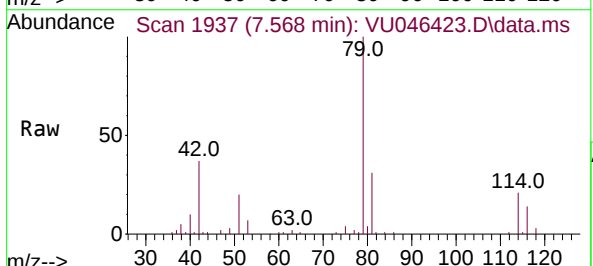
Acq: 16 Dec 2021 16:01

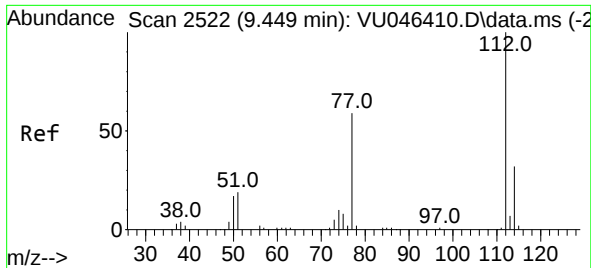
Tgt Ion: 75 Resp: 1835

Ion Ratio Lower Upper

75 100

77 50.5 21.8 40.6#

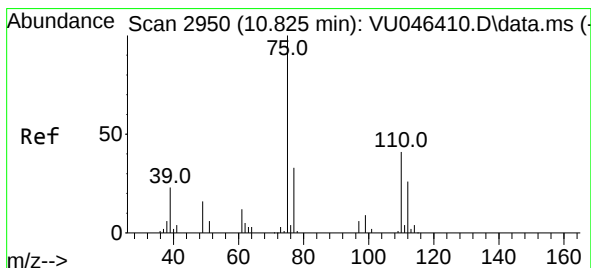
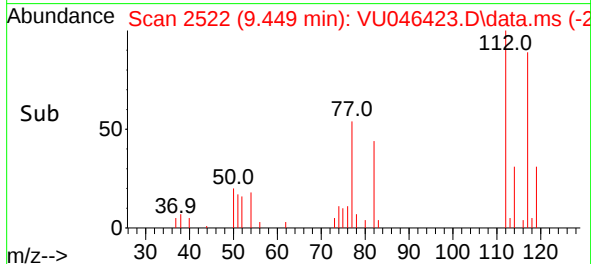
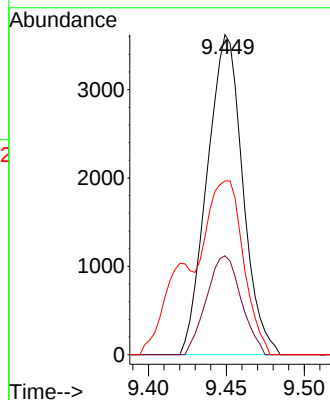
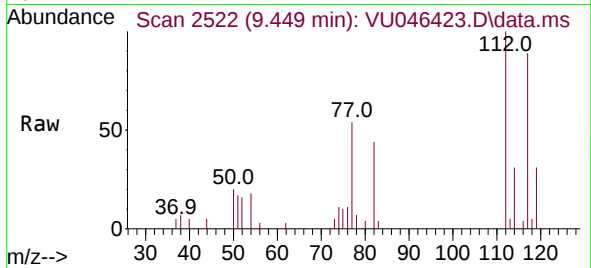




#51
Chlorobenzene
Concen: 1.910 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046423.D
Acq: 16 Dec 2021 16:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 5761
Ion Ratio Lower Upper
112 100
114 30.9 22.2 41.2
77 54.3 47.4 71.0



#60
1,2,3-Trichloropropane
Concen: 5.525 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046423.D
Acq: 16 Dec 2021 16:01

Tgt Ion: 75 Resp: 8560
Ion Ratio Lower Upper
75 100
77 35.6 26.4 39.6
110 2.1 32.4 48.6#

