

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046422.D
 Acq On : 16 Dec 2021 15:39
 Operator : SY/MD
 Sample : M5038-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:53:05 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)

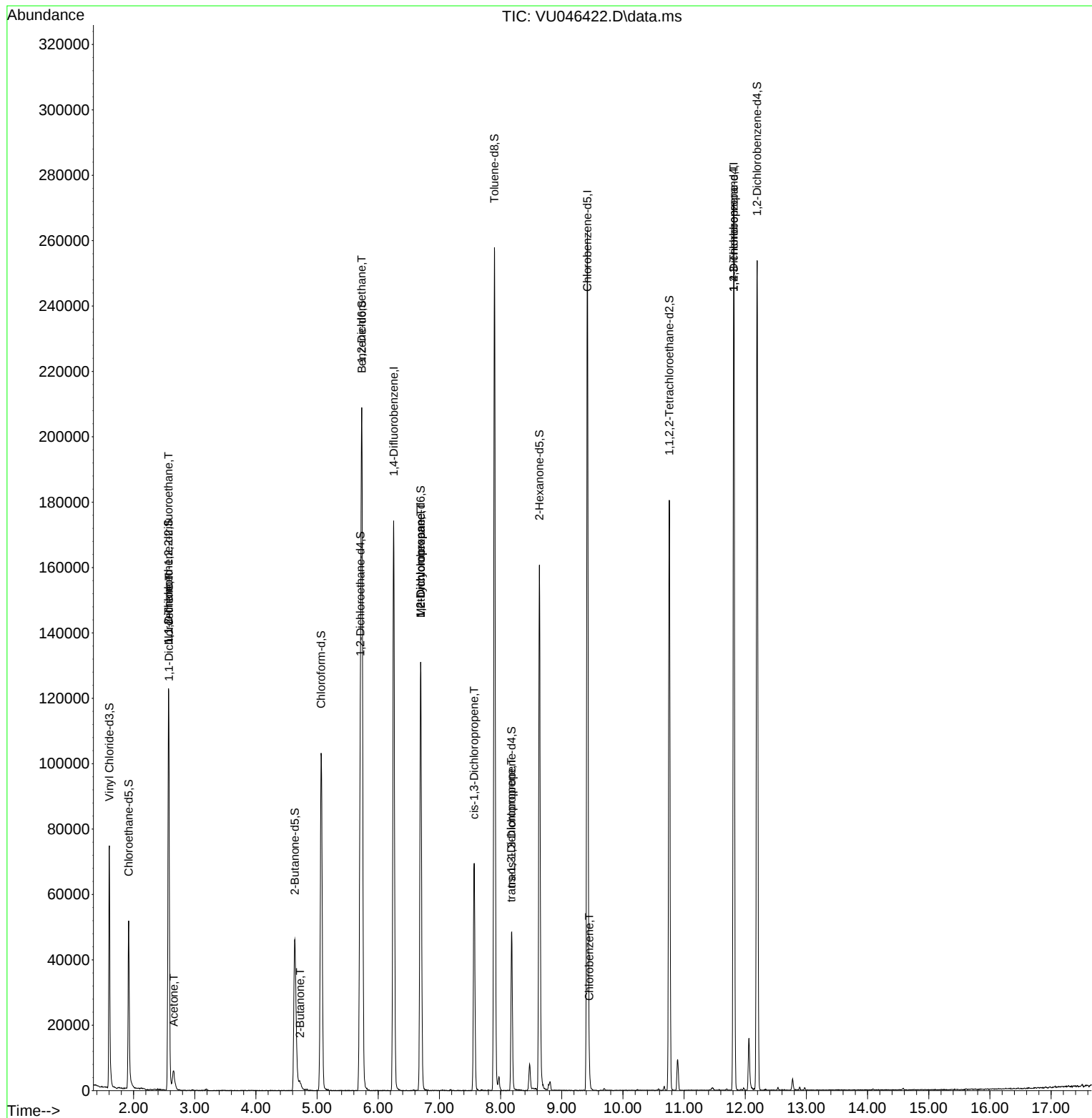
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138403	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58406	51.229	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.460%			
7) Chloroethane-d5	1.919	69	42641	48.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.420%			
11) 1,1-Dichloroethene-d2	2.571	63	74315	36.310	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.620%			
21) 2-Butanone-d5	4.636	46	76409	84.307	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.310%			
24) Chloroform-d	5.067	84	98540	51.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.520%			
26) 1,2-Dichloroethane-d4	5.706	65	65696	51.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.840%			
32) Benzene-d6	5.732	84	195701	47.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.300%			
36) 1,2-Dichloropropane-d6	6.693	67	60721	47.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.420%			
41) Toluene-d8	7.899	98	169526	45.336	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.680%			
43) trans-1,3-Dichloroprop...	8.179	79	28717	46.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.480%			
47) 2-Hexanone-d5	8.636	63	57150	94.700	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.700%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	87207	45.179	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.360%			
66) 1,2-Dichlorobenzene-d4	12.195	152	64591	48.434	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-...	2.571	101	601	0.597	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	541	0.565	ug/L #	1
13) Acetone	2.655	43	10223	9.025	ug/L	81
22) 2-Butanone	4.723	43	3398	2.756	ug/L #	57
27) 1,2-Dichloroethane	5.729	62	1103	0.727	ug/L #	73
35) Methylcyclohexane	6.693	83	15056	8.499	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6595	5.805	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1758	1.017	ug/L #	58
44) trans-1,3-Dichloropropene	8.176	75	1156	0.681	ug/L #	78
51) Chlorobenzene	9.449	112	3233	1.074	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	8783	5.786	ug/L #	65

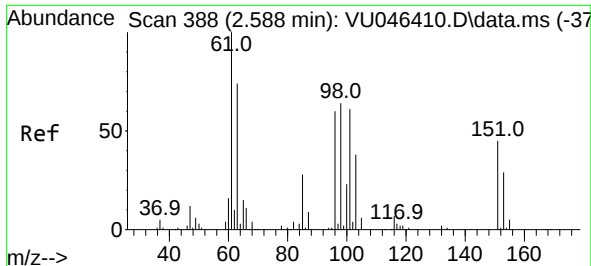
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.597 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046422.D

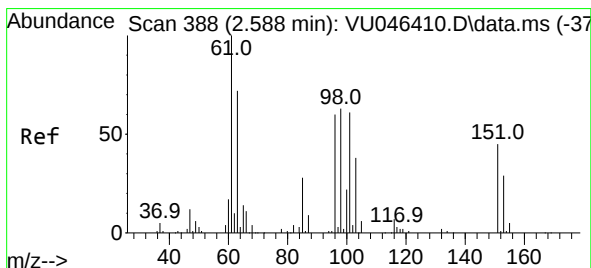
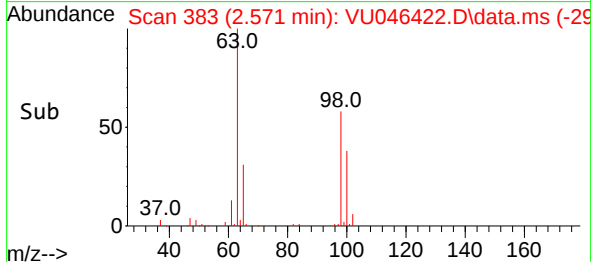
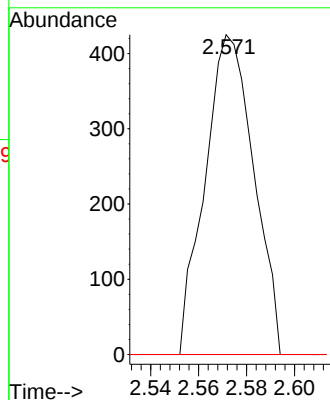
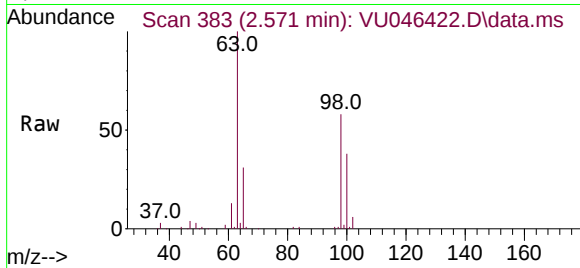
Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	601
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: 0.565 ug/L

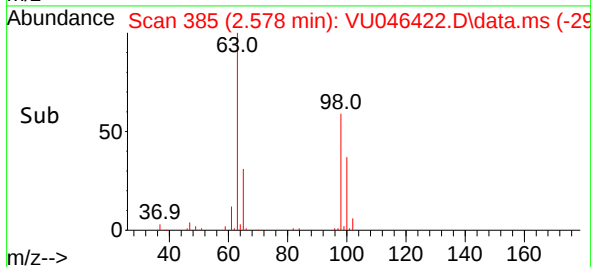
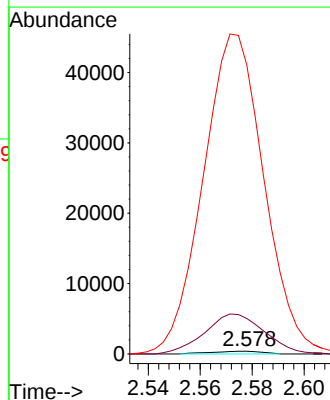
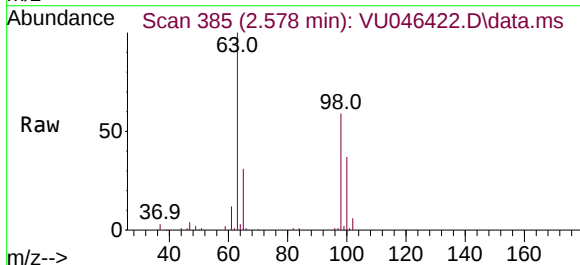
RT: 2.578 min Scan# 385

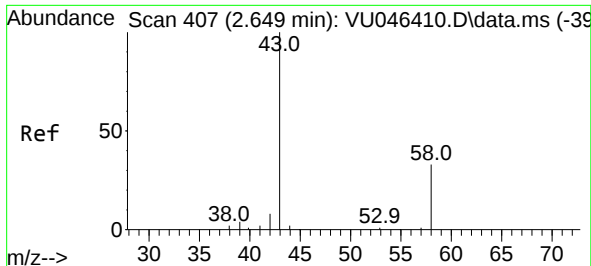
Delta R.T. -0.010 min

Lab File: VU046422.D

Acq: 16 Dec 2021 15:39

Tgt Ion:	96	Resp:	541
Ion	Ratio	Lower	Upper
96	100		
61	1273.2	118.6	220.2#
63	10375.8	93.0	172.8#





#13

Acetone

Concen: 9.025 ug/L

RT: 2.655 min Scan# 407

Delta R.T. 0.006 min

Lab File: VU046422.D

Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_U

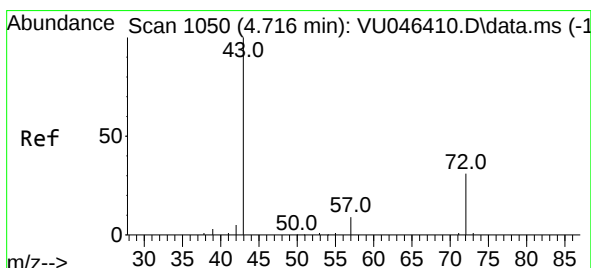
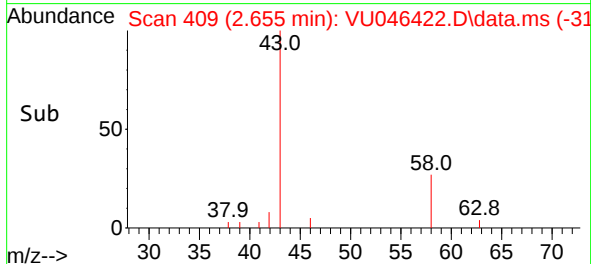
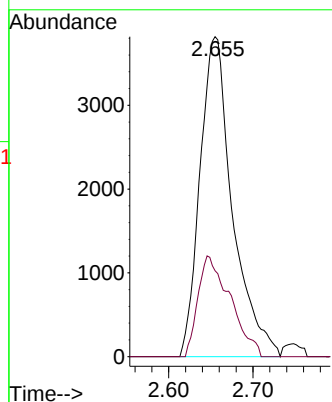
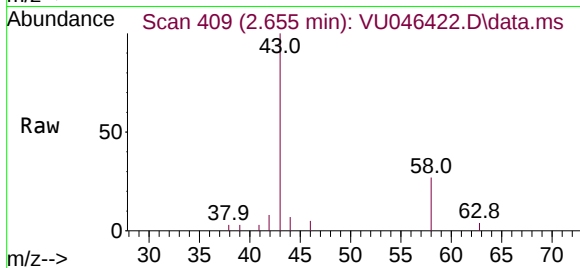
ClientSampleId :

Tgt Ion: 43 Resp: 10223

Ion Ratio Lower Upper

43 100

58 22.9 0.0 66.8



#22

2-Butanone

Concen: 2.756 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VU046422.D

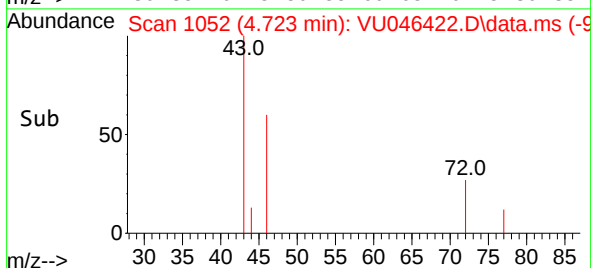
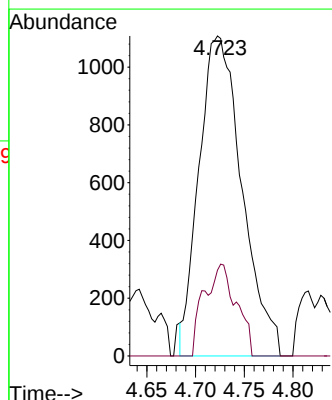
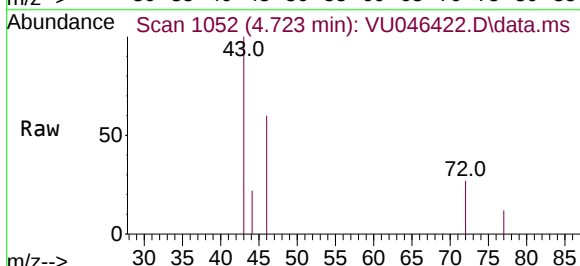
Acq: 16 Dec 2021 15:39

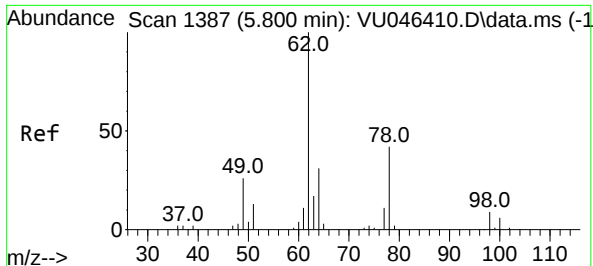
Tgt Ion: 43 Resp: 3398

Ion Ratio Lower Upper

43 100

72 6.2 14.5 43.6#





#27

1,2-Dichloroethane

Concen: 0.727 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.071 min

Lab File: VU046422.D

Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_U

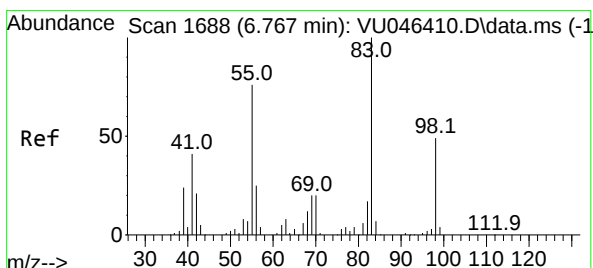
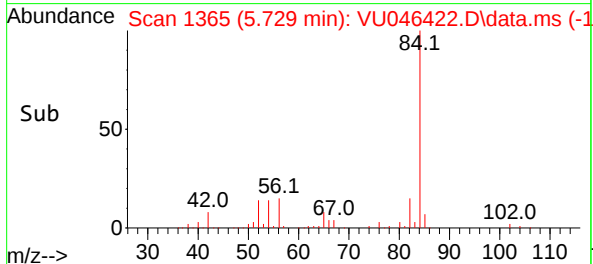
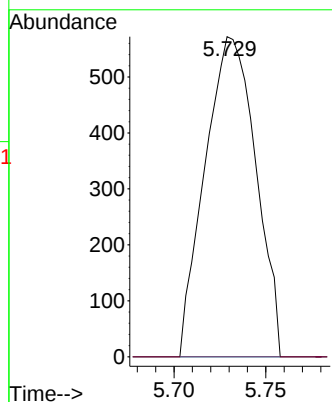
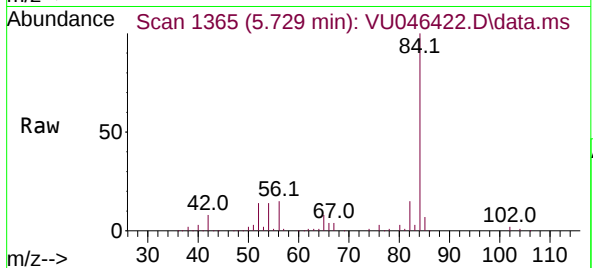
ClientSampleId :

Tgt Ion: 62 Resp: 1103

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.499 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046422.D

Acq: 16 Dec 2021 15:39

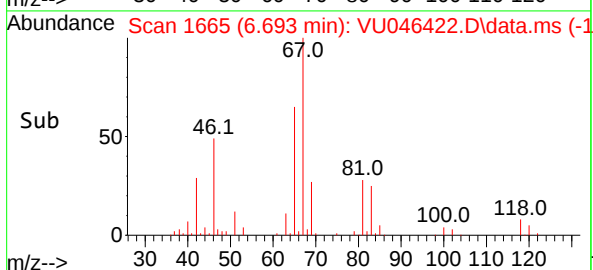
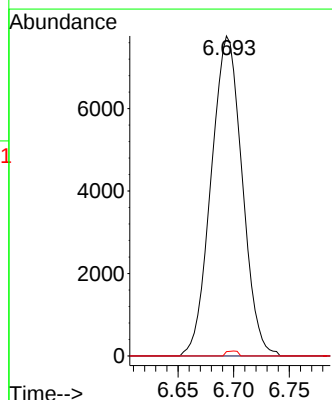
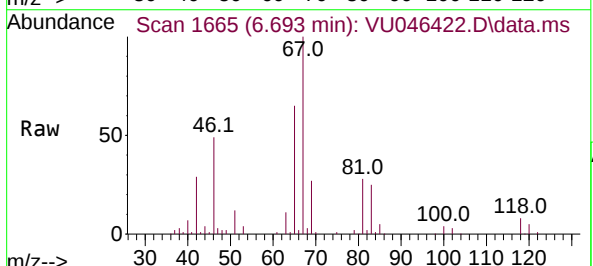
Tgt Ion: 83 Resp: 15056

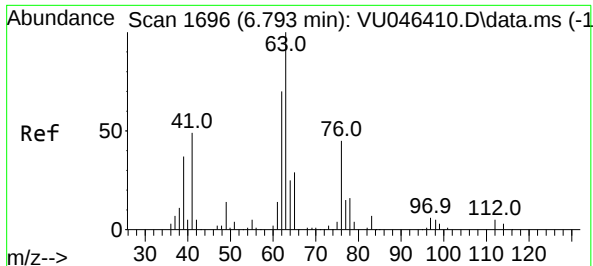
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.805 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046422.D

Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_U

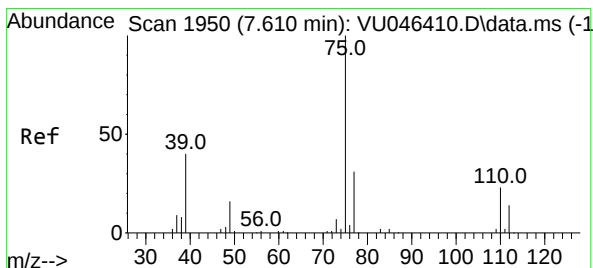
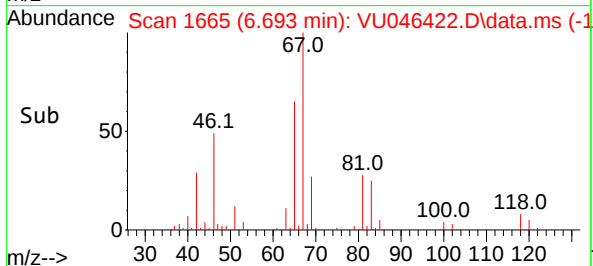
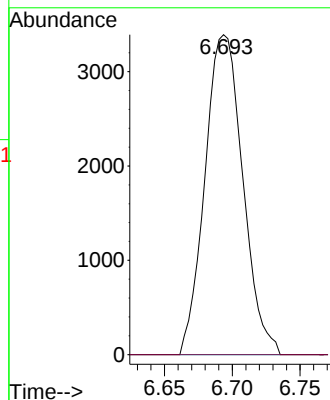
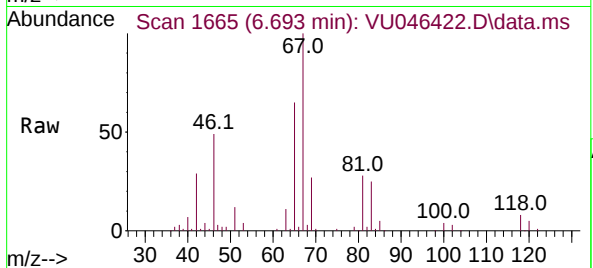
ClientSampleId :

Tgt Ion: 63 Resp: 6595

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.017 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046422.D

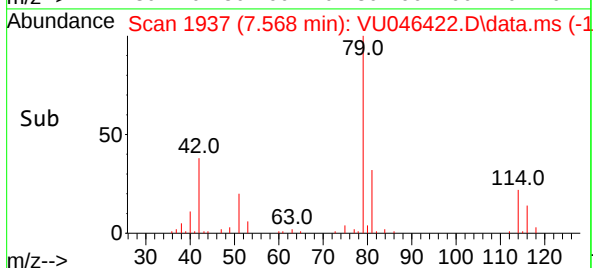
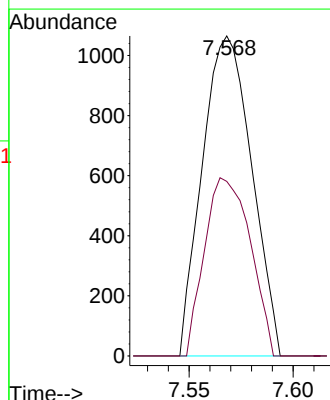
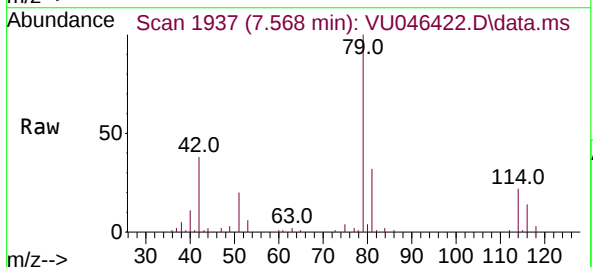
Acq: 16 Dec 2021 15:39

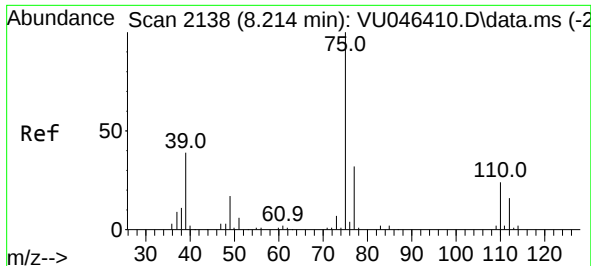
Tgt Ion: 75 Resp: 1758

Ion Ratio Lower Upper

75 100

77 54.6 21.8 40.6#

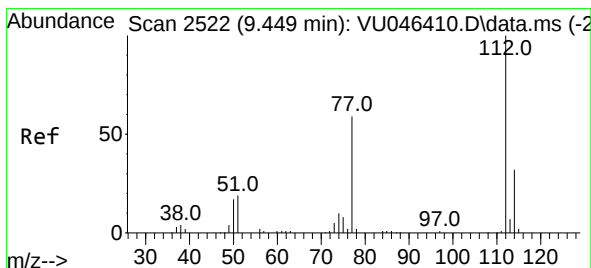
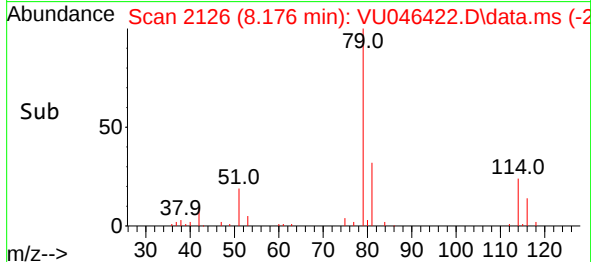
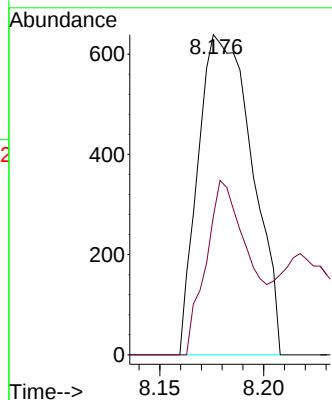
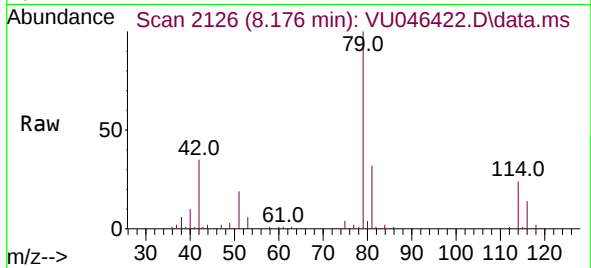




#44
trans-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 8.176 min Scan# 2138
Delta R.T. -0.039 min
Lab File: VU046422.D
Acq: 16 Dec 2021 15:39

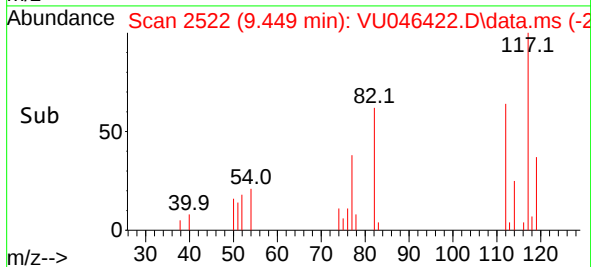
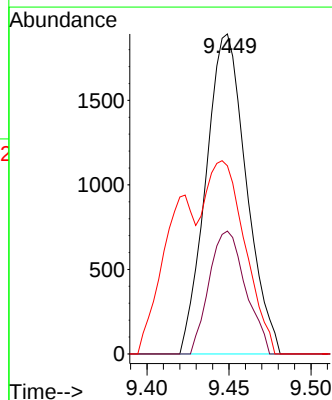
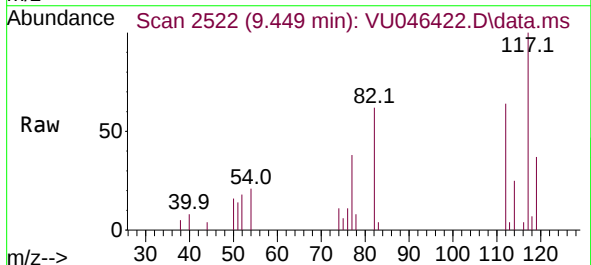
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MSVOA_U
ClientSampleId :

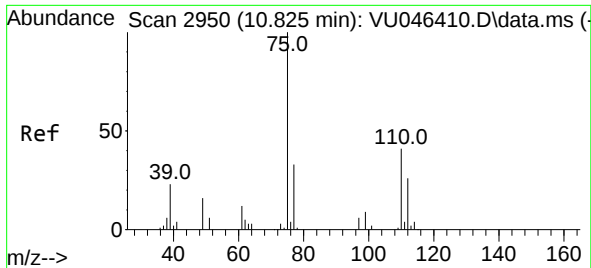
Tgt Ion: 75 Resp: 1156
Ion Ratio Lower Upper
75 100
77 43.2 21.7 40.3#



#51
Chlorobenzene
Concen: 1.074 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046422.D
Acq: 16 Dec 2021 15:39

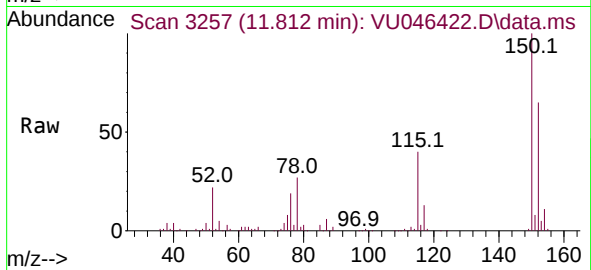
Tgt Ion: 112 Resp: 3233
Ion Ratio Lower Upper
112 100
114 38.4 22.2 41.2
77 58.8 47.4 71.0





#60
 1,2,3-Trichloropropane
 Concen: 5.786 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046422.D
 Acq: 16 Dec 2021 15:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8783
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.4 39.6
 110 2.6 32.4 48.6#

