

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011022\
 Data File : VU046714.D
 Acq On : 10 Jan 2022 14:22
 Operator : SY/MD
 Sample : N1053-25ME
 Misc : 6.55g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLL2ME

Quant Time: Jan 10 16:13:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

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

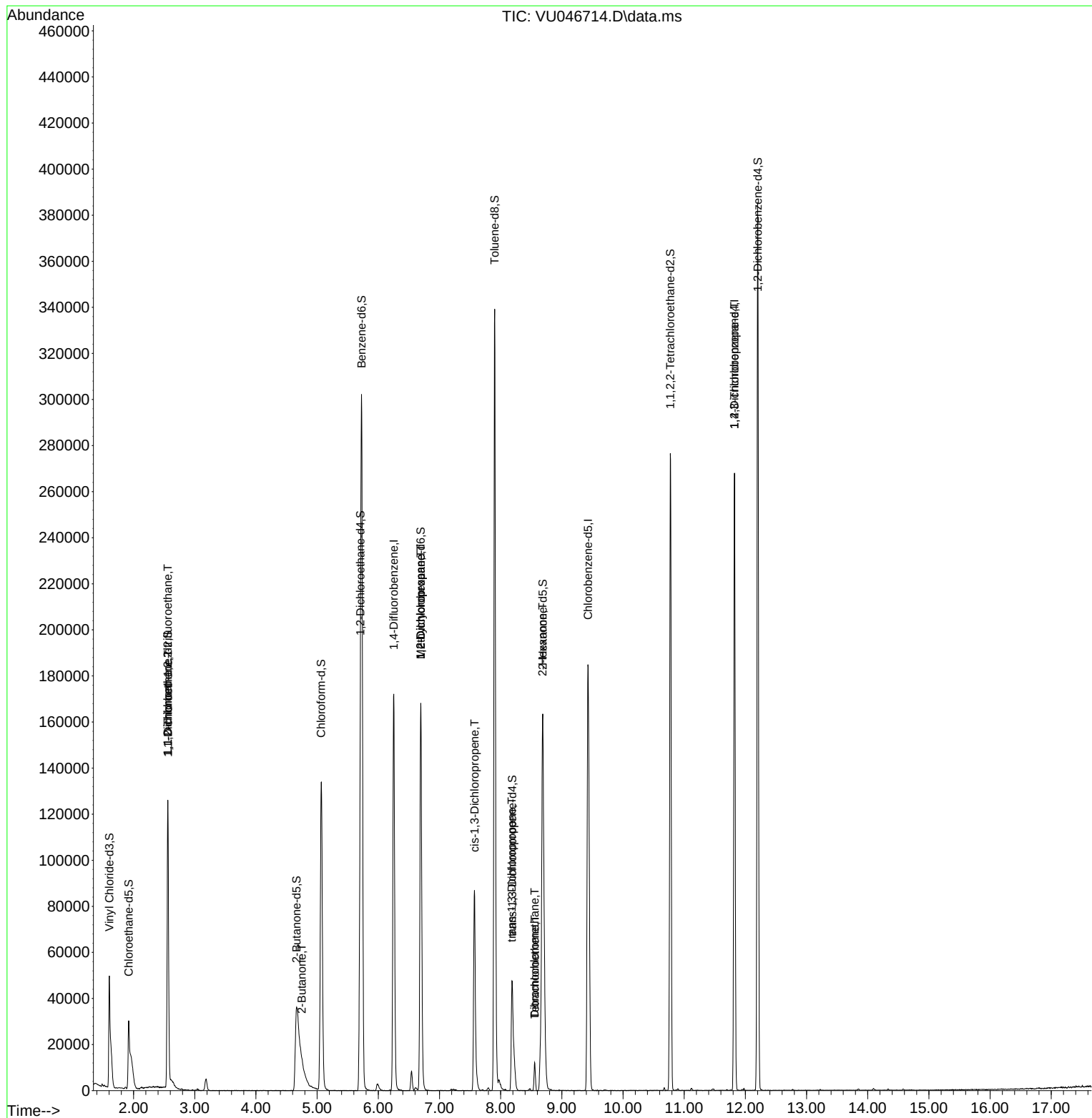
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	151349	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	151726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	73155	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63633	48.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.360%			
7) Chloroethane-d5	1.919	69	53658	54.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.380%			
11) 1,1-Dichloroethene-d2	2.559	63	79493	35.389	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.780%			
21) 2-Butanone-d5	4.665	46	122412	126.640	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.640%			
24) Chloroform-d	5.067	84	136813	58.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.520%			
26) 1,2-Dichloroethane-d4	5.707	65	93527	63.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 126.680%#			
32) Benzene-d6	5.729	84	266956	56.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.760%			
36) 1,2-Dichloropropane-d6	6.694	67	85167	58.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.900%			
41) Toluene-d8	7.903	98	240627	56.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.700%			
43) trans-1,3-Dichloroprop...	8.189	79	44087	63.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 126.680%#			
47) 2-Hexanone-d5	8.687	63	105304	137.200	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 137.200%#			
56) 1,1,2,2-Tetrachloroeth...	10.774	84	140136	62.629	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 125.260%#			
66) 1,2-Dichlorobenzene-d4	12.201	152	101149	66.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 133.640%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	664	0.624	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	582	0.581	ug/L #	1
22) 2-Butanone	4.748	43	6021	5.741	ug/L #	63
35) Methylcyclohexane	6.694	83	21879	11.902	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	9342	8.090	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	2698	1.518	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	1907	1.106	ug/L	92
46) Tetrachloroethene	8.558	164	2568	2.859	ug/L	96
48) 2-Hexanone	8.684	43	11546	8.629	ug/L #	59
49) Dibromochloromethane	8.555	129	2441	1.884	ug/L #	10
60) 1,2,3-Trichloropropane	11.822	75	8353	5.426	ug/L #	66

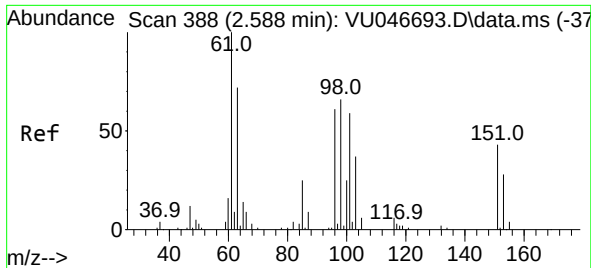
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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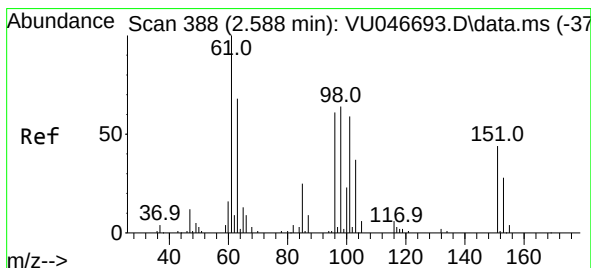
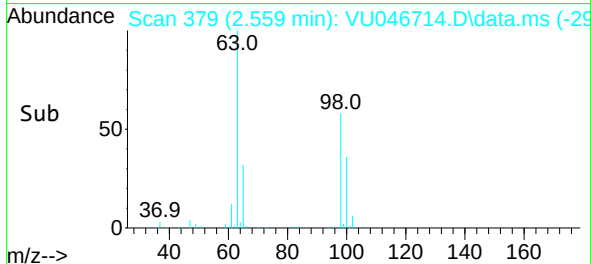
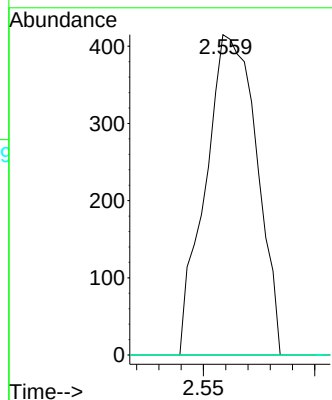
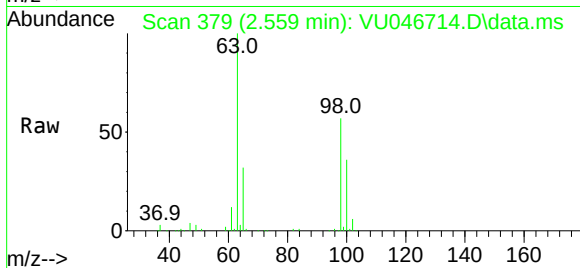




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.624 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.029 min
Lab File: VU046714.D
Acq: 10 Jan 2022 14:22

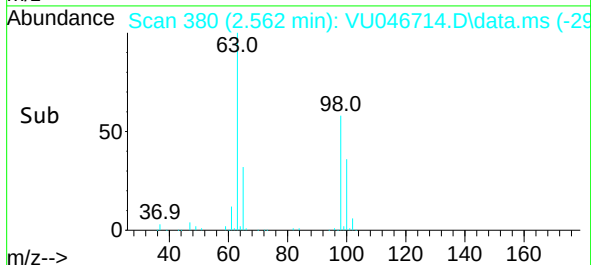
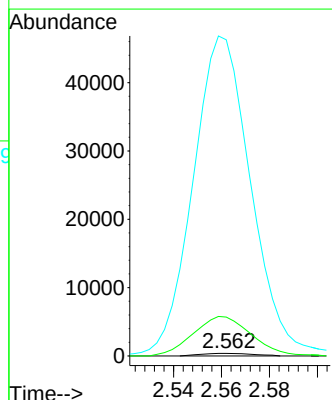
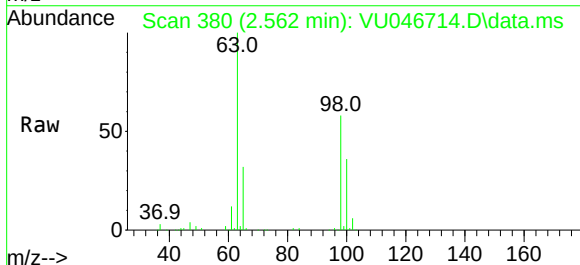
Instrument :
MSVOA_U
ClientSampleId :
BGLL2ME

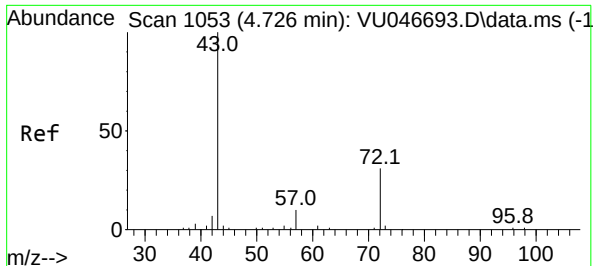
Tgt Ion:101 Resp: 664
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 0.581 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.026 min
Lab File: VU046714.D
Acq: 10 Jan 2022 14:22

Tgt Ion: 96 Resp: 582
Ion Ratio Lower Upper
96 100
61 1489.5 114.9 213.3#
63 12113.1 86.0 159.8#





#22

2-Butanone

Concen: 5.741 ug/L

RT: 4.748 min Scan# 1060

Delta R.T. 0.023 min

Lab File: VU046714.D

Acq: 10 Jan 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

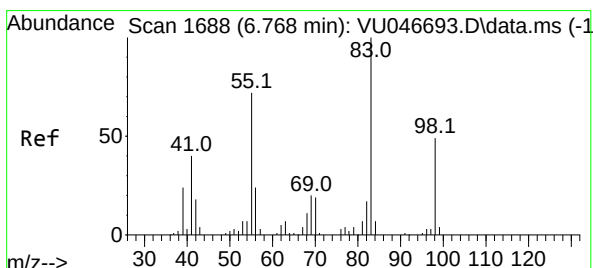
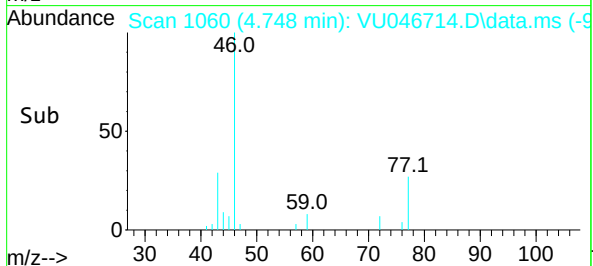
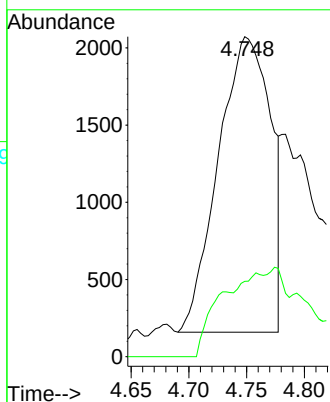
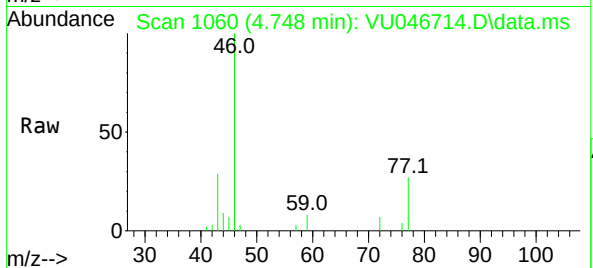
BGLL2ME

Tgt Ion: 43 Resp: 6021

Ion Ratio Lower Upper

43 100

72 10.7 15.6 46.8#



#35

Methylcyclohexane

Concen: 11.902 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046714.D

Acq: 10 Jan 2022 14:22

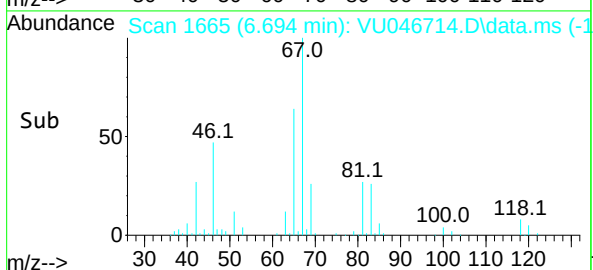
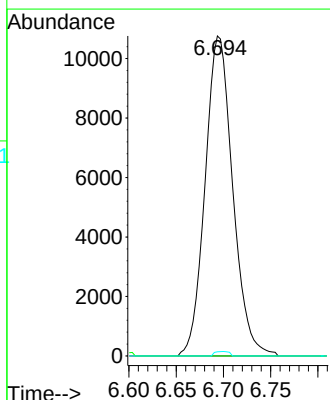
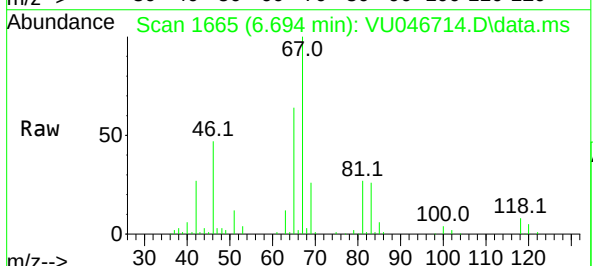
Tgt Ion: 83 Resp: 21879

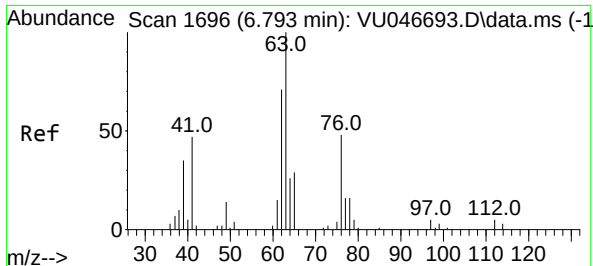
Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 8.090 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046714.D

Acq: 10 Jan 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

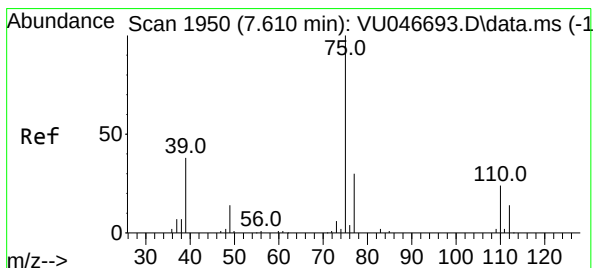
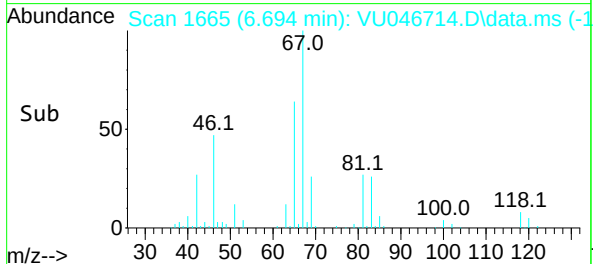
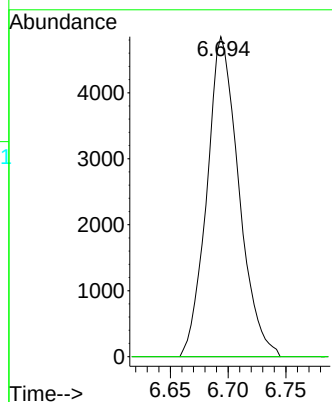
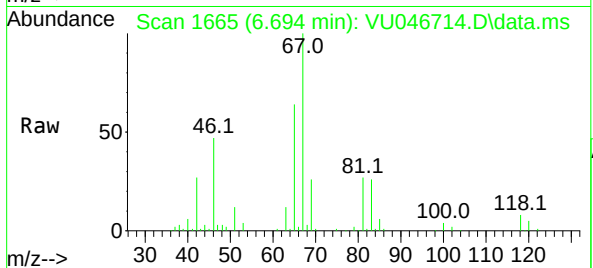
BGLL2ME

Tgt Ion: 63 Resp: 9342

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.518 ug/L

RT: 7.575 min Scan# 1939

Delta R.T. -0.035 min

Lab File: VU046714.D

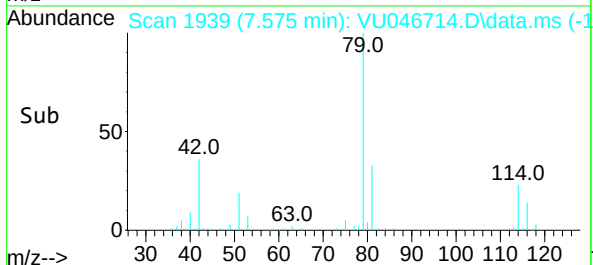
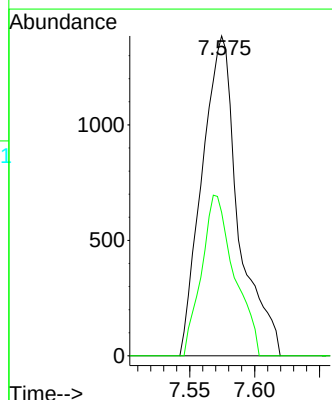
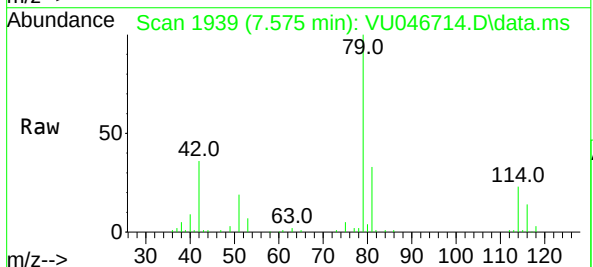
Acq: 10 Jan 2022 14:22

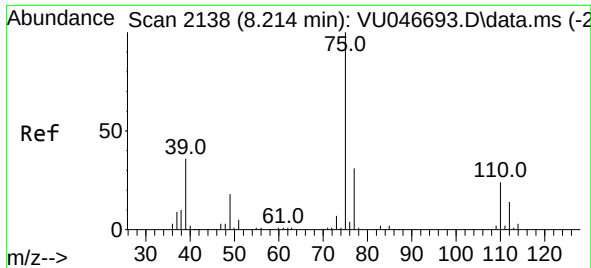
Tgt Ion: 75 Resp: 2698

Ion Ratio Lower Upper

75 100

77 44.8 22.3 41.3#

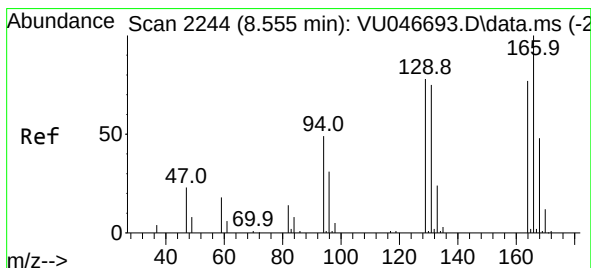
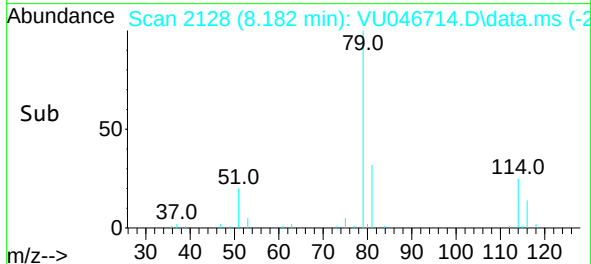
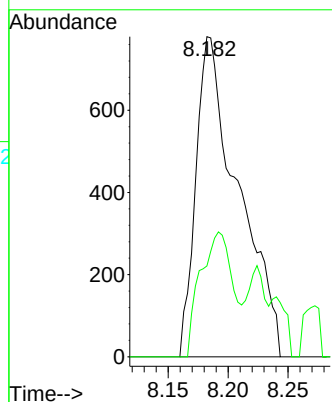
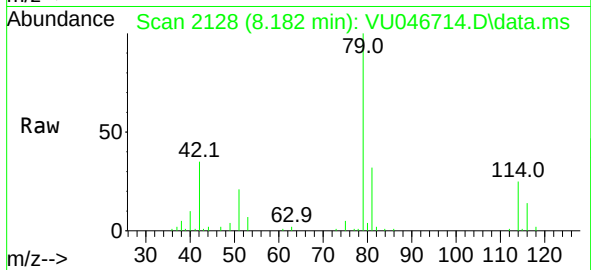




#44
trans-1,3-Dichloropropene
Concen: 1.106 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046714.D
Acq: 10 Jan 2022 14:22

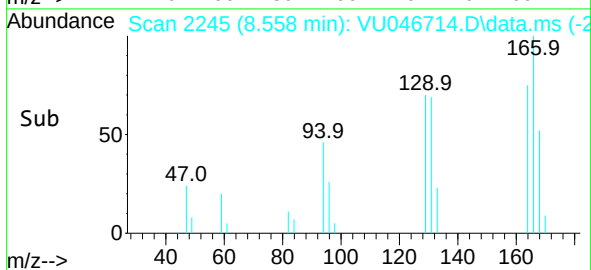
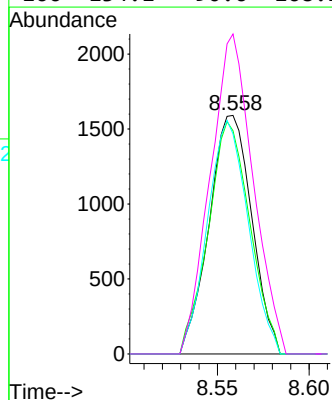
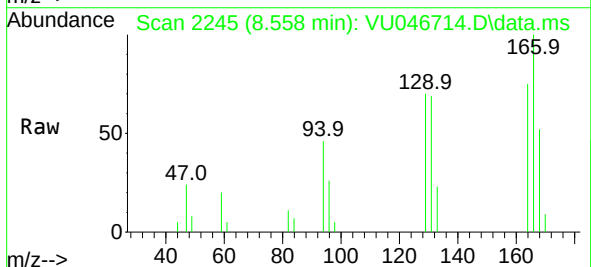
Instrument :
MSVOA_U
ClientSampleId :
BGLL2ME

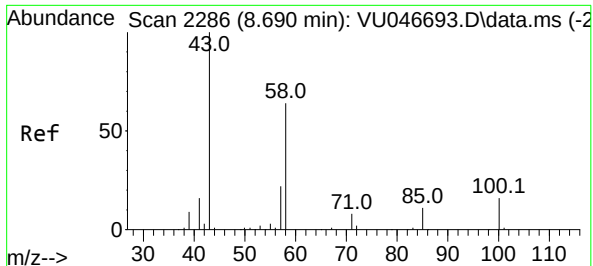
Tgt Ion: 75 Resp: 1907
Ion Ratio Lower Upper
75 100
77 28.4 23.0 42.8



#46
Tetrachloroethene
Concen: 2.859 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046714.D
Acq: 10 Jan 2022 14:22

Tgt Ion: 164 Resp: 2568
Ion Ratio Lower Upper
164 100
129 93.5 69.5 129.1
131 92.3 67.0 124.4
166 134.1 90.6 168.2





#48

2-Hexanone

Concen: 8.629 ug/L

RT: 8.684 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU046714.D

Acq: 10 Jan 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

BGLL2ME

Tgt Ion: 43 Resp: 11546

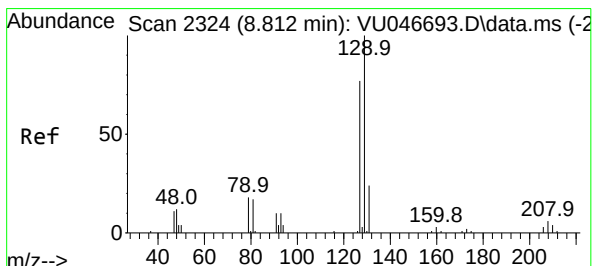
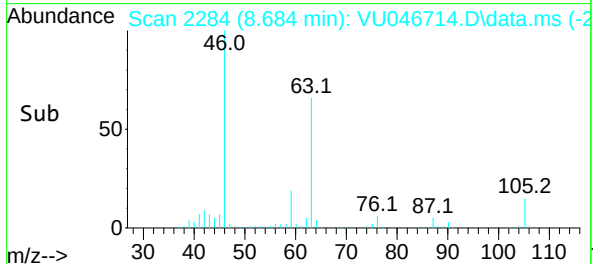
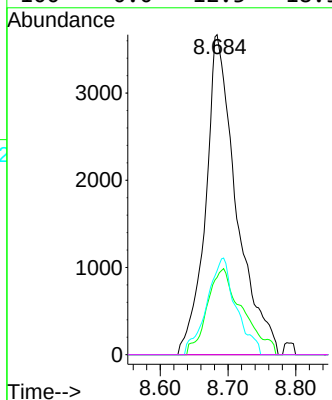
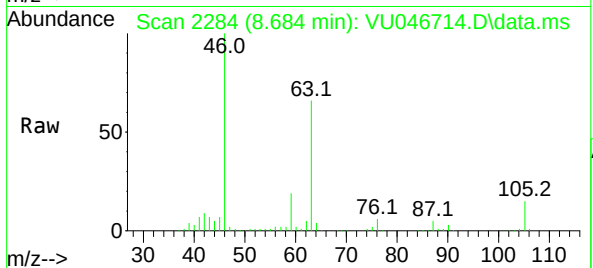
Ion Ratio Lower Upper

43 100

58 21.9 49.4 74.2#

57 27.3 17.5 26.3#

100 0.0 12.3 18.5#



#49

Dibromochloromethane

Concen: 1.884 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046714.D

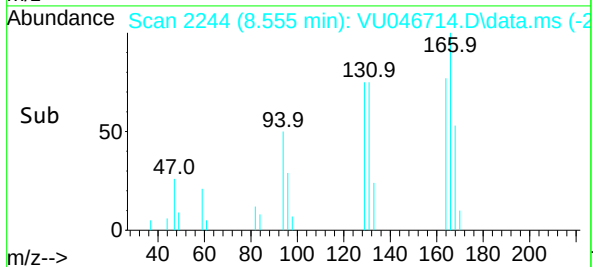
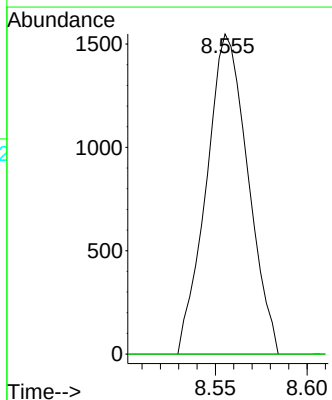
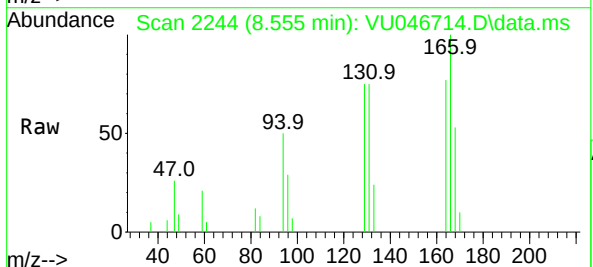
Acq: 10 Jan 2022 14:22

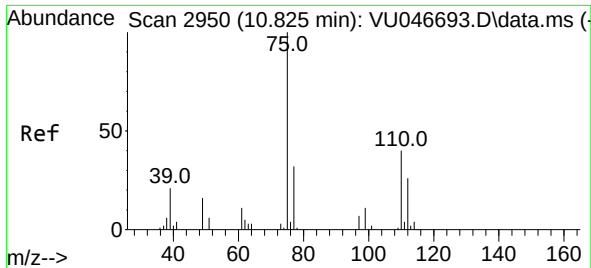
Tgt Ion: 129 Resp: 2441

Ion Ratio Lower Upper

129 100

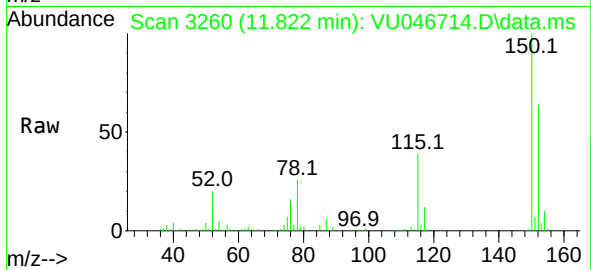
127 0.0 54.5 101.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.426 ug/L
 RT: 11.822 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU046714.D
 Acq: 10 Jan 2022 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLL2ME



Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2
110	2.9	32.5	48.7#

