

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011022\
 Data File : VU046718.D
 Acq On : 10 Jan 2022 16:36
 Operator : SY/MD
 Sample : N1074-20ME
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLM3ME

Quant Time: Jan 11 01:20:37 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)

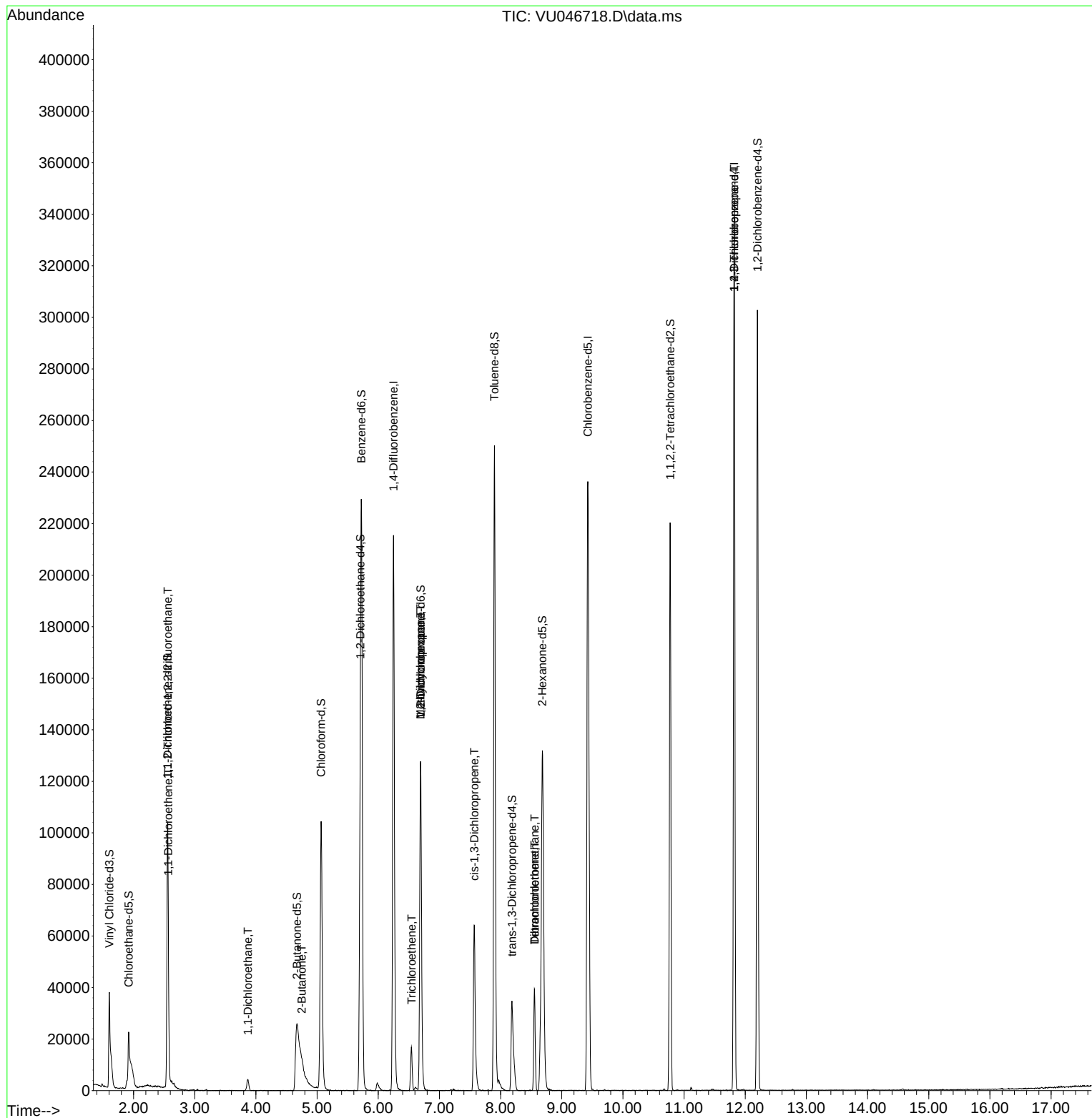
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	191111	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	192715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48129	28.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.720%#		
7) Chloroethane-d5	1.919	69	22725	18.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	36.680%#		
11) 1,1-Dichloroethene-d2	2.555	63	64417	22.711	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.420%#		
21) 2-Butanone-d5	4.671	46	87772	71.911	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	71.910%		
24) Chloroform-d	5.067	84	106791	36.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.640%		
26) 1,2-Dichloroethane-d4	5.706	65	72453	38.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.720%		
32) Benzene-d6	5.726	84	203426	33.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.640%#		
36) 1,2-Dichloropropane-d6	6.694	67	65628	35.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	71.520%		
41) Toluene-d8	7.899	98	184748	34.362	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.720%#		
43) trans-1,3-Dichloroprop...	8.185	79	33735	38.159	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.320%		
47) 2-Hexanone-d5	8.684	63	84077	86.245	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.240%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	110825	38.995	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.000%		
66) 1,2-Dichlorobenzene-d4	12.201	152	79129	40.980	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	605	0.450	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	3280	2.591	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	5608	2.324	ug/L	96
22) 2-Butanone	4.752	43	6030	4.554	ug/L #	64
34) Trichloroethene	6.546	95	5783	3.846	ug/L	96
35) Methylcyclohexane	6.690	83	16567	7.096	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	7053	4.808	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1871	0.829	ug/L #	81
46) Tetrachloroethene	8.555	164	9310	8.161	ug/L	95
49) Dibromochloromethane	8.555	129	8774	5.331	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	9930	5.057	ug/L #	66

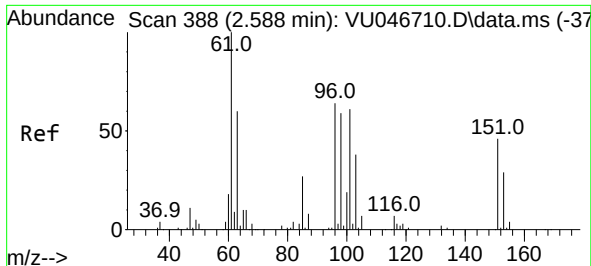
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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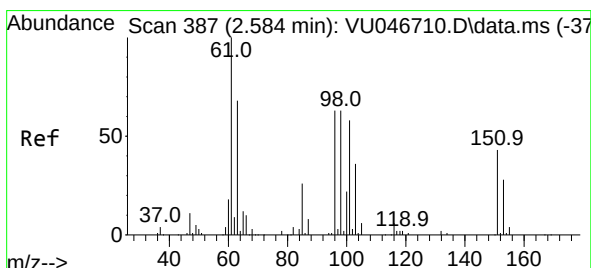
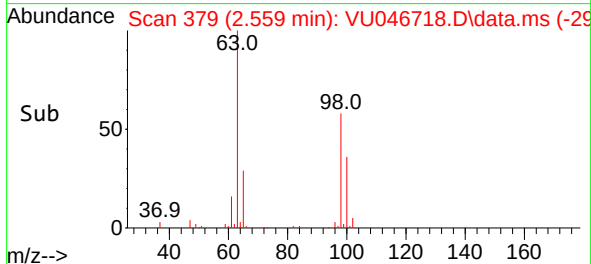
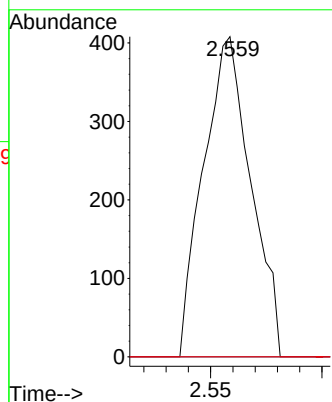
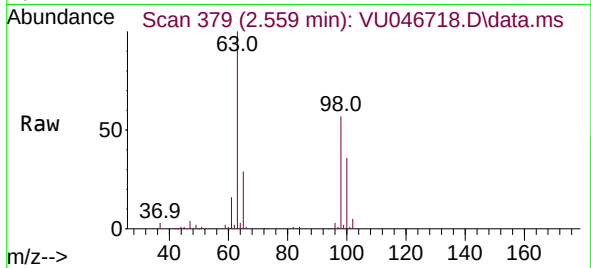




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.450 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.029 min
Lab File: VU046718.D
Acq: 10 Jan 2022 16:36

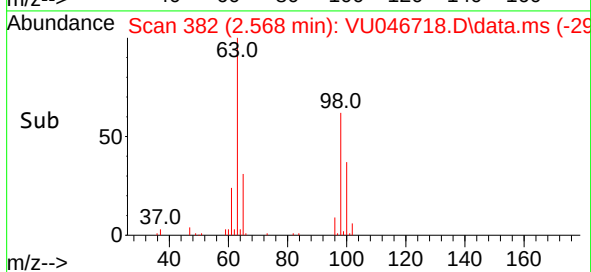
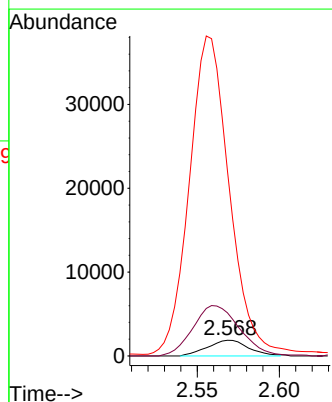
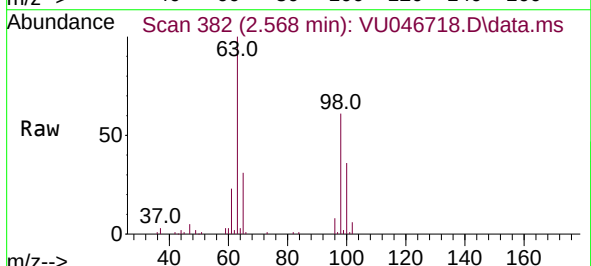
Instrument :
MSVOA_U
ClientSampleId :
BGLM3ME

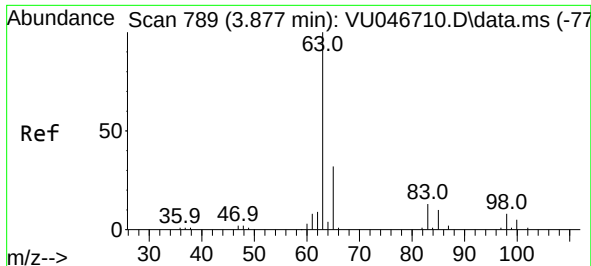
Tgt Ion:101 Resp: 605
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 2.591 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU046718.D
Acq: 10 Jan 2022 16:36

Tgt Ion: 96 Resp: 3280
Ion Ratio Lower Upper
96 100
61 274.8 114.9 213.3#
63 1181.2 86.0 159.8#





#19

1,1-Dichloroethane

Concen: 2.324 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.010 min

Lab File: VU046718.D

Acq: 10 Jan 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

BGLM3ME

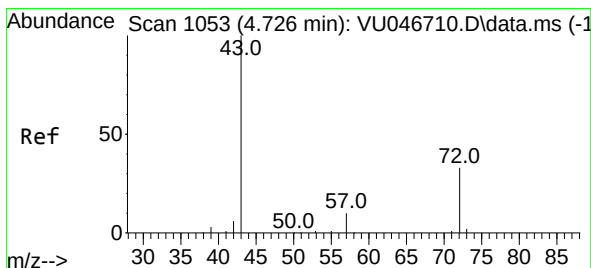
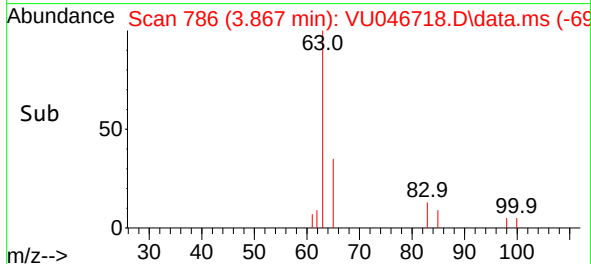
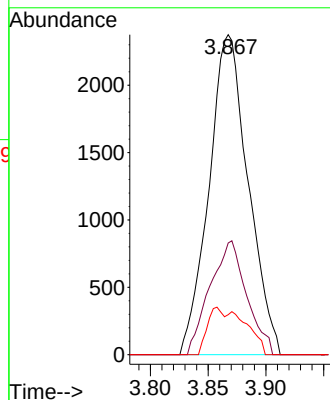
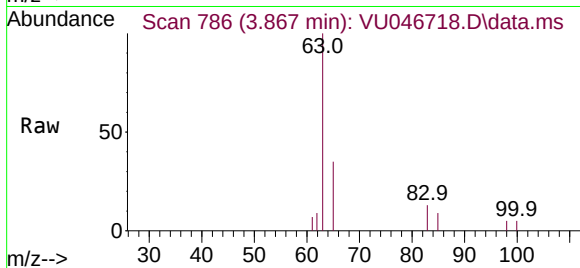
Tgt Ion: 63 Resp: 5608

Ion Ratio Lower Upper

63 100

65 34.9 22.8 42.4

83 12.5 9.6 17.8



#22

2-Butanone

Concen: 4.554 ug/L

RT: 4.752 min Scan# 1061

Delta R.T. 0.026 min

Lab File: VU046718.D

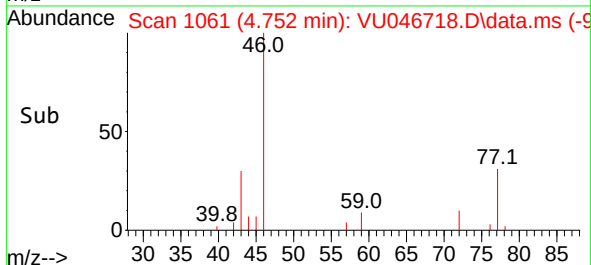
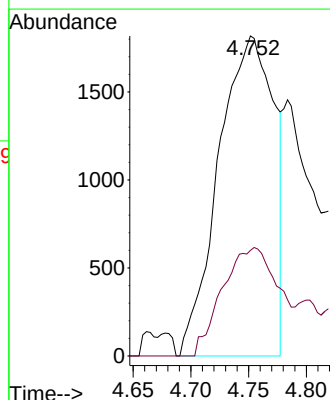
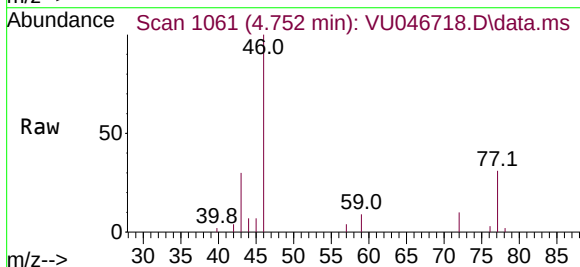
Acq: 10 Jan 2022 16:36

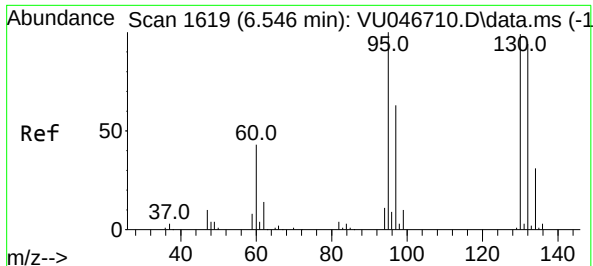
Tgt Ion: 43 Resp: 6030

Ion Ratio Lower Upper

43 100

72 11.2 15.6 46.8#



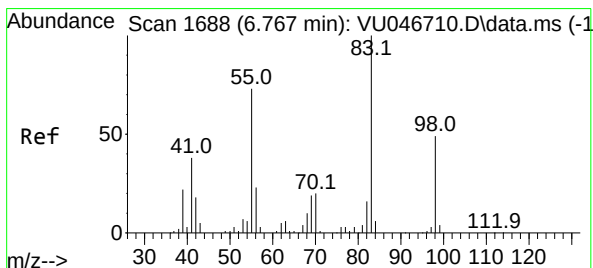
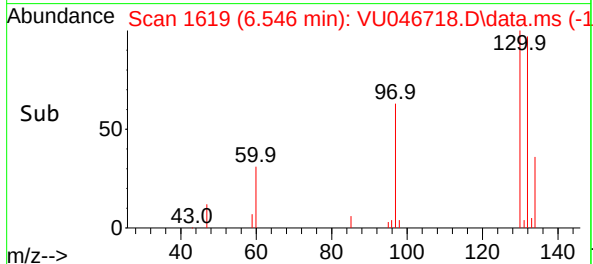
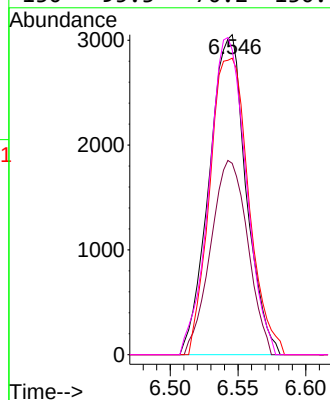
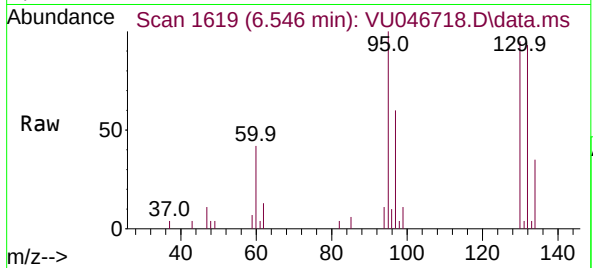


#34
Trichloroethene
Concen: 3.846 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046718.D
Acq: 10 Jan 2022 16:36

Instrument :
MSVOA_U
ClientSampleId :
BGLM3ME

Tgt Ion: 95 Resp: 5783

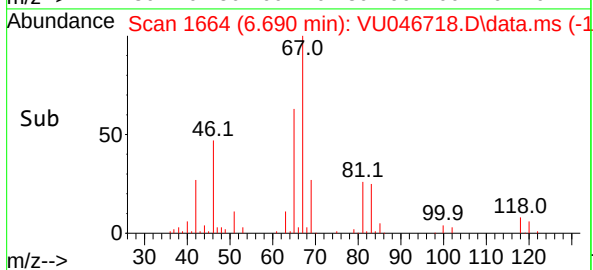
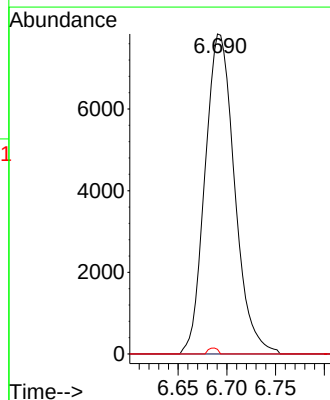
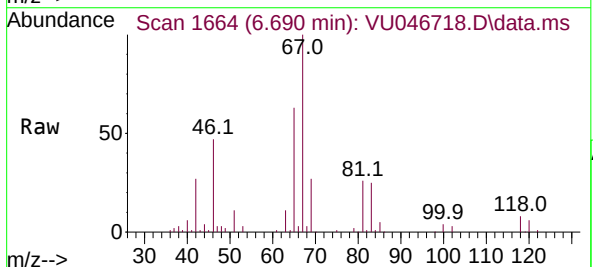
Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.1	83.7
132	92.7	66.7	123.9
130	95.3	70.2	130.4

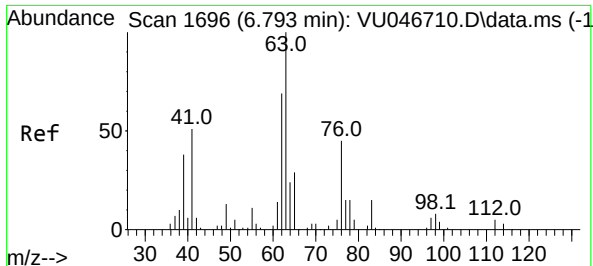


#35
Methylcyclohexane
Concen: 7.096 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046718.D
Acq: 10 Jan 2022 16:36

Tgt Ion: 83 Resp: 16567

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.6	85.0#
98	0.6	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 4.808 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046718.D

Acq: 10 Jan 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

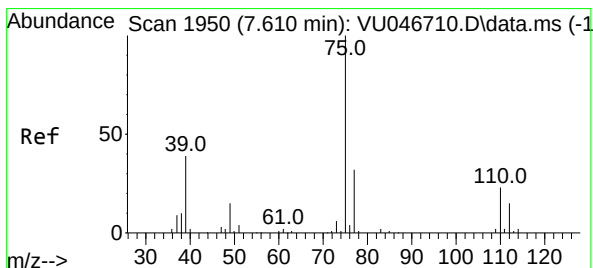
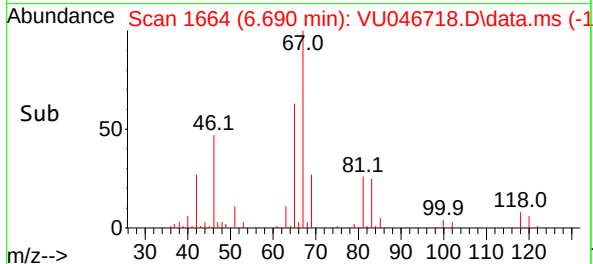
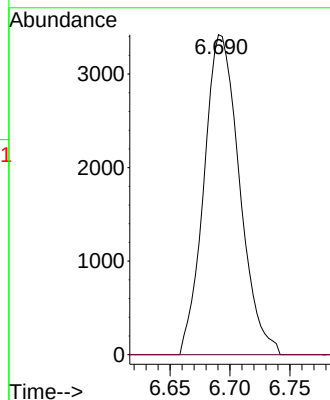
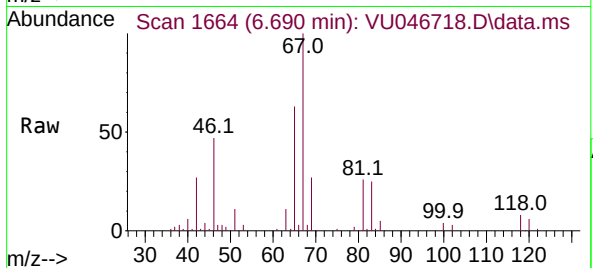
BGLM3ME

Tgt Ion: 63 Resp: 7053

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046718.D

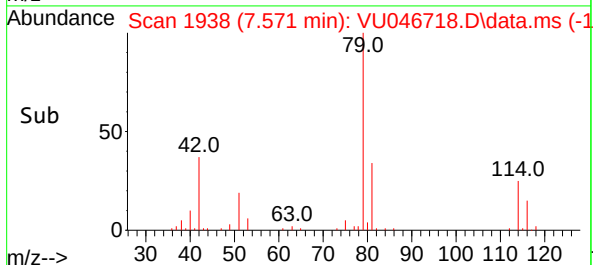
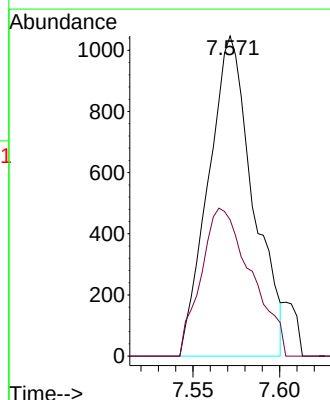
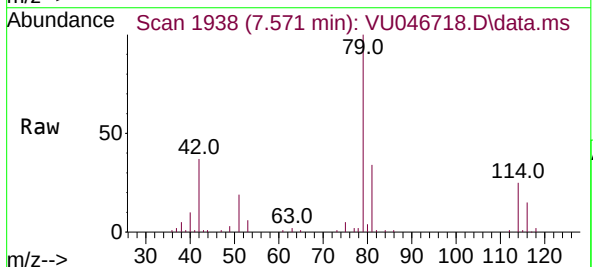
Acq: 10 Jan 2022 16:36

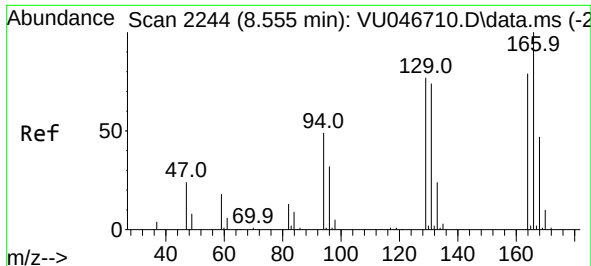
Tgt Ion: 75 Resp: 1871

Ion Ratio Lower Upper

75 100

77 42.6 22.3 41.3#

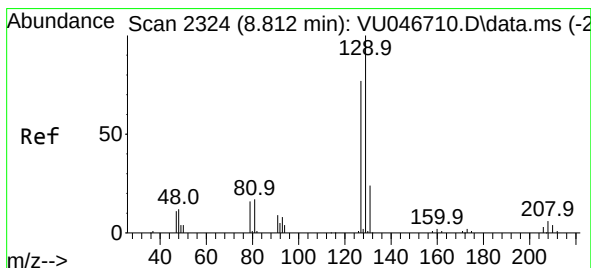
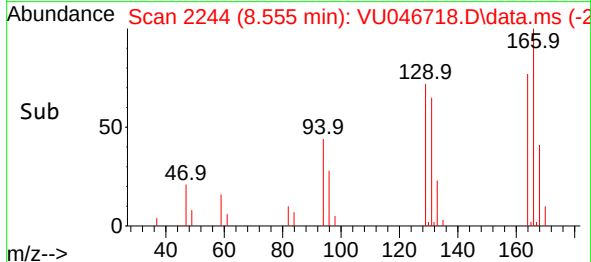
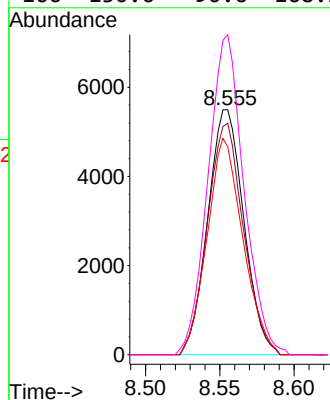
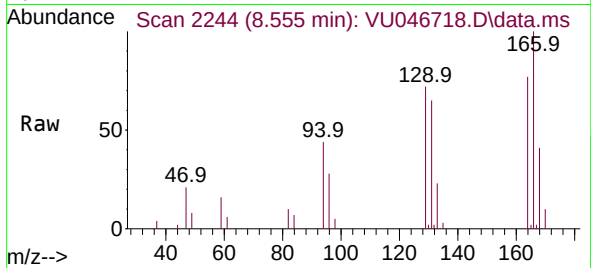




#46
Tetrachloroethene
Concen: 8.161 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046718.D
Acq: 10 Jan 2022 16:36

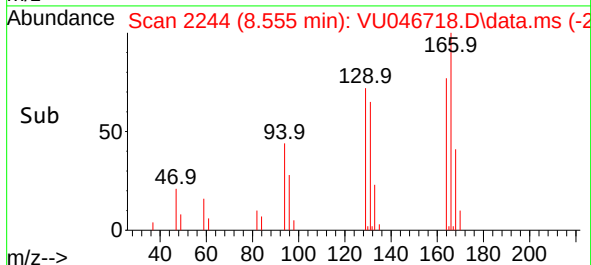
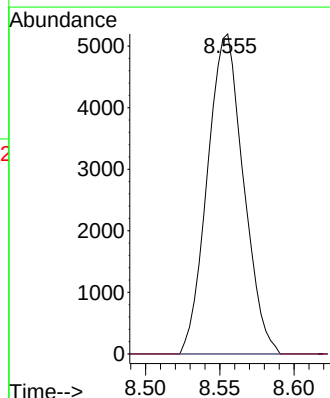
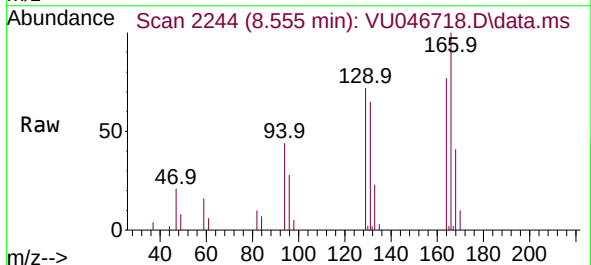
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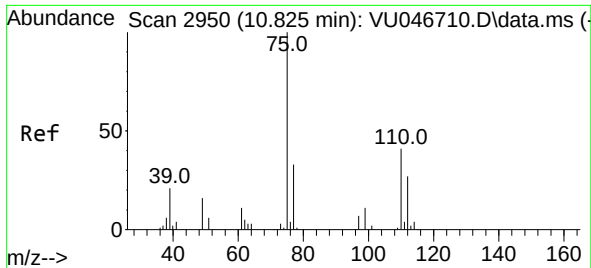
Tgt Ion:164 Resp: 9310
Ion Ratio Lower Upper
164 100
129 94.5 69.5 129.1
131 84.9 67.0 124.4
166 130.6 90.6 168.2



#49
Dibromochloromethane
Concen: 5.331 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046718.D
Acq: 10 Jan 2022 16:36

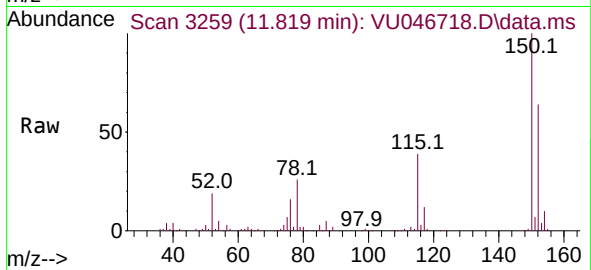
Tgt Ion:129 Resp: 8774
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.057 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU046718.D
 Acq: 10 Jan 2022 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLM3ME



Tgt Ion: 75 Resp: 9930
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2
 110 2.8 32.5 48.7#

