

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046359.D
 Acq On : 14 Dec 2021 16:27
 Operator : SY/MD
 Sample : M5062-06ME
 Misc : 6.81g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL05ME

Quant Time: Dec 15 01:43:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

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

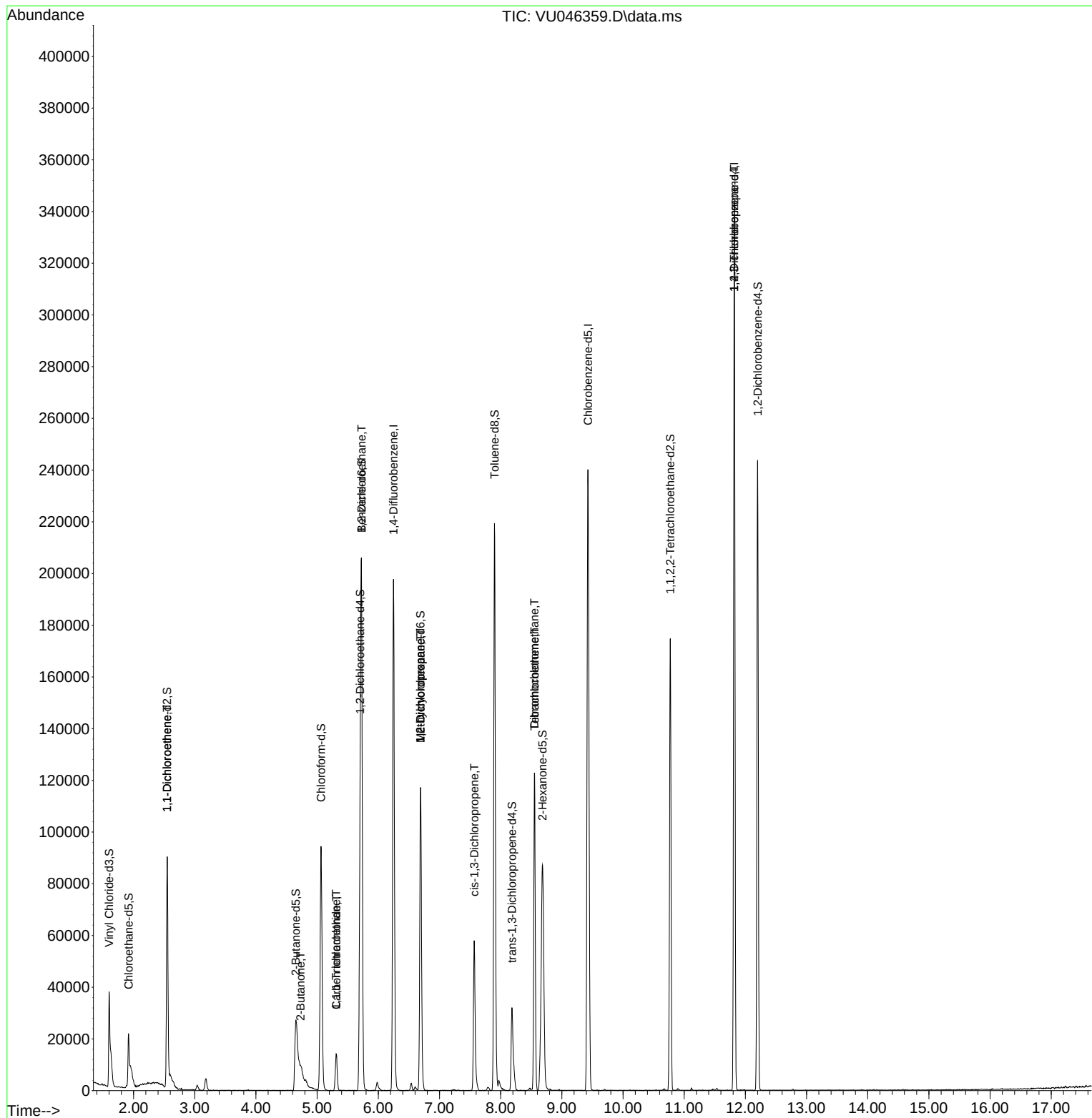
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	164228	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	177067	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46536	34.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.800%
7) Chloroethane-d5	1.919	69	20536	19.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.540%#
11) 1,1-Dichloroethene-d2	2.549	63	58722	24.180	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.360%#
21) 2-Butanone-d5	4.652	46	75773	70.458	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.460%
24) Chloroform-d	5.063	84	91892	40.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.360%
26) 1,2-Dichloroethane-d4	5.703	65	63167	41.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.320%
32) Benzene-d6	5.726	84	177957	35.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.140%
36) 1,2-Dichloropropane-d6	6.690	67	56461	35.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.800%
41) Toluene-d8	7.899	98	154831	33.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.020%#
43) trans-1,3-Dichloroprop...	8.185	79	26285	34.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.240%
47) 2-Hexanone-d5	8.684	63	58466	78.400	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.400%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	87169	36.544	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.080%
66) 1,2-Dichlorobenzene-d4	12.201	152	62721	37.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.600%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.549	96	525	0.462	ug/L #	1
22) 2-Butanone	4.729	43	2695	1.842	ug/L #	31
27) 1,2-Dichloroethane	5.726	62	994	0.552	ug/L #	73
30) 1,1,1-Trichloroethane	5.311	97	10323	4.749	ug/L	95
31) Carbon tetrachloride	5.314	117	1143	0.619	ug/L #	75
35) Methylcyclohexane	6.690	83	13878	6.340	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6519	4.644	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1525	0.714	ug/L #	59
46) Tetrachloroethene	8.555	164	26179	25.232	ug/L	97
49) Dibromochloromethane	8.552	129	26346	17.813	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	10601	5.538	ug/L #	65

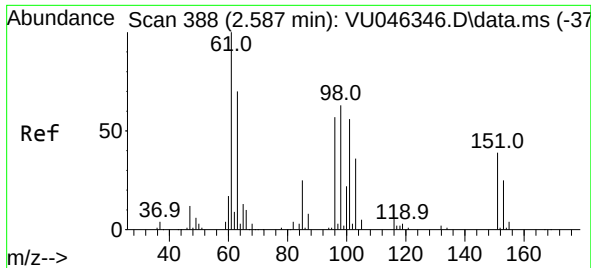
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.462 ug/L

RT: 2.549 min Scan# 31

Delta R.T. -0.038 min

Lab File: VU046359.D

Acq: 14 Dec 2021 16:27

Instrument :

MSVOA_U

ClientSampleId :

BGL05ME

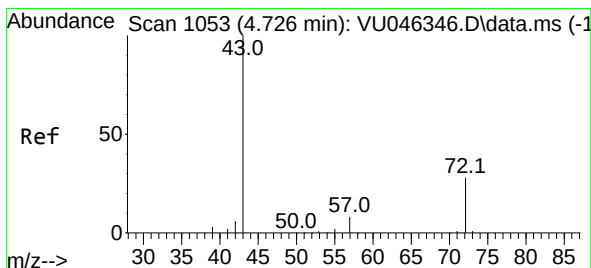
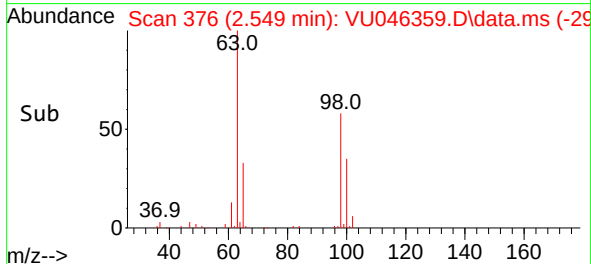
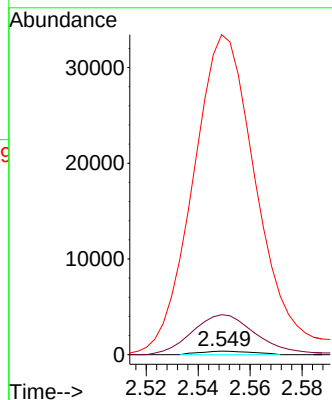
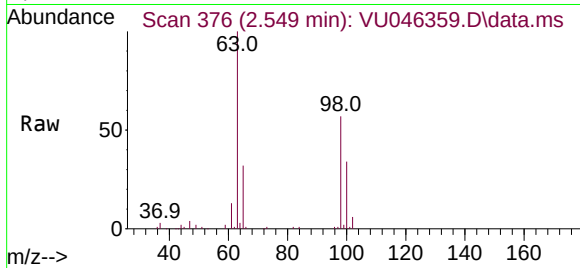
Tgt Ion: 96 Resp: 525

Ion Ratio Lower Upper

96 100

61 1159.6 118.6 220.2#

63 9260.9 93.0 172.8#



#22

2-Butanone

Concen: 1.842 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VU046359.D

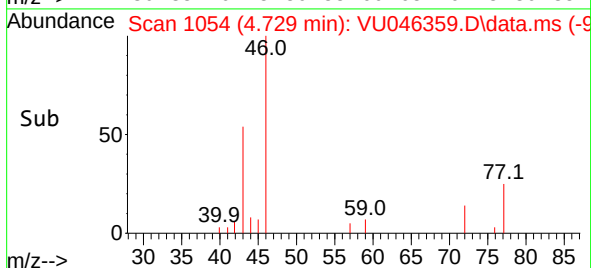
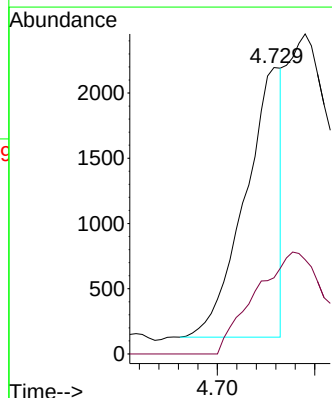
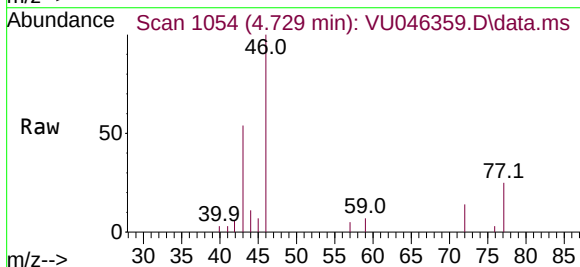
Acq: 14 Dec 2021 16:27

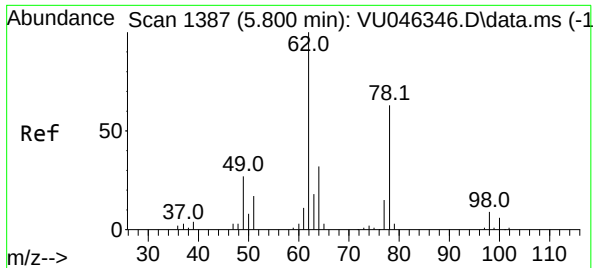
Tgt Ion: 43 Resp: 2695

Ion Ratio Lower Upper

43 100

72 65.9 14.5 43.6#





#27

1,2-Dichloroethane

Concen: 0.552 ug/L

RT: 5.726 min Scan# 11

Delta R.T. -0.074 min

Lab File: VU046359.D

Acq: 14 Dec 2021 16:27

Instrument :

MSVOA_U

ClientSampleId :

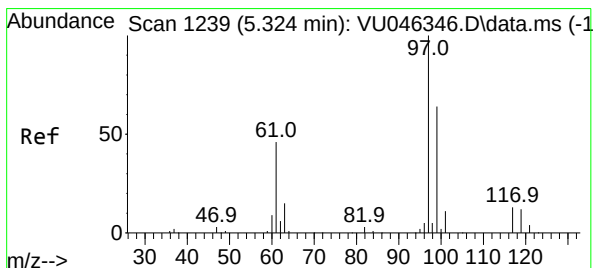
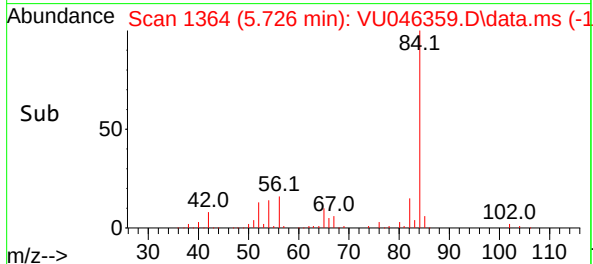
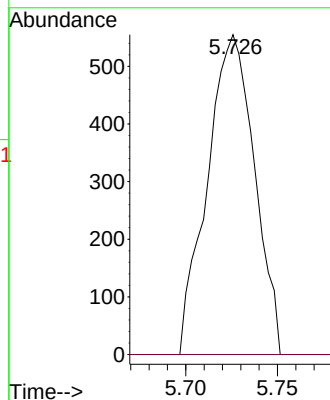
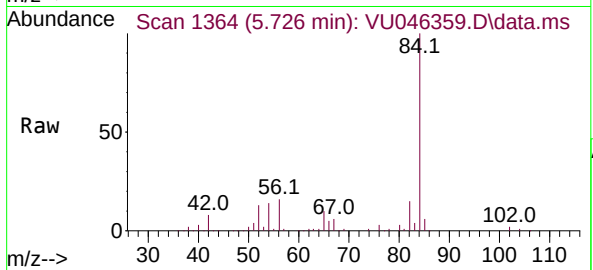
BGL05ME

Tgt Ion: 62 Resp: 994

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#30

1,1,1-Trichloroethane

Concen: 4.749 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.013 min

Lab File: VU046359.D

Acq: 14 Dec 2021 16:27

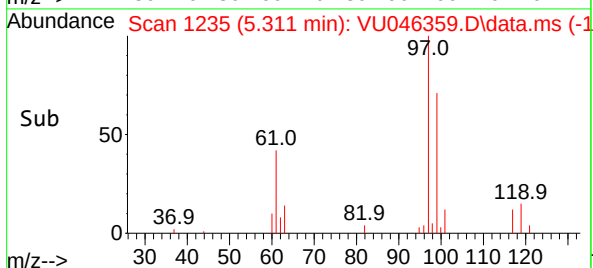
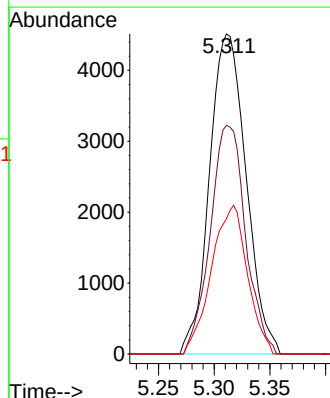
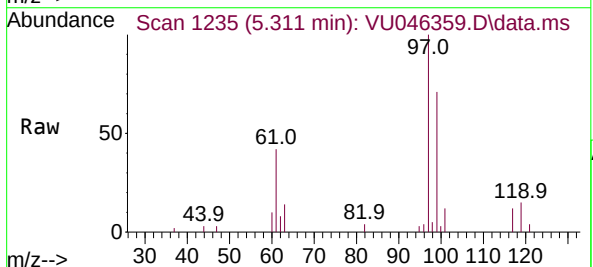
Tgt Ion: 97 Resp: 10323

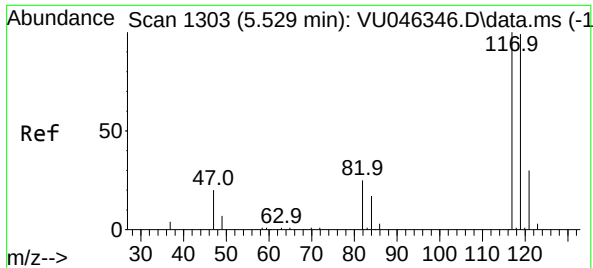
Ion Ratio Lower Upper

97 100

99 68.9 51.8 77.6

61 45.7 34.4 51.6

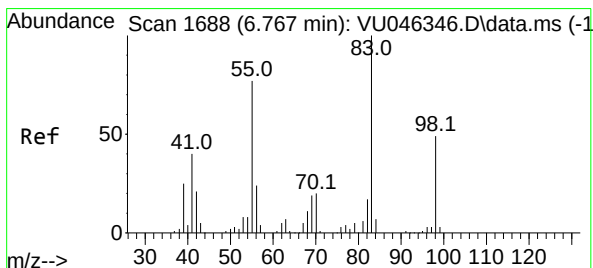
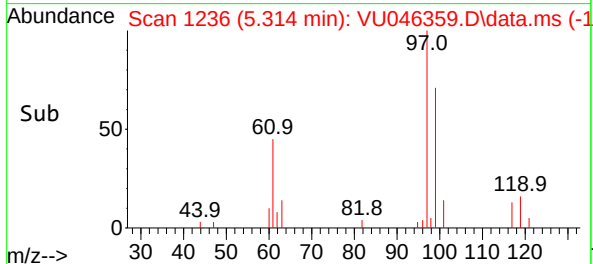
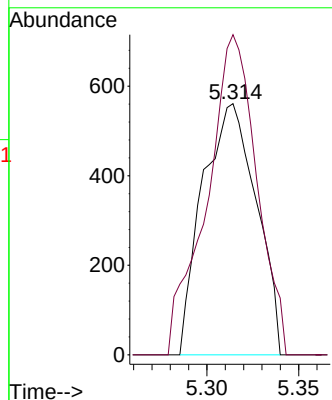
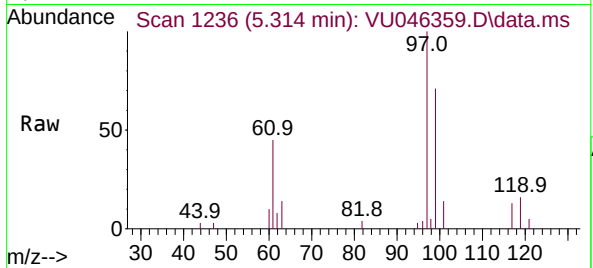




#31
Carbon tetrachloride
Concen: 0.619 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.215 min
Lab File: VU046359.D
Acq: 14 Dec 2021 16:27

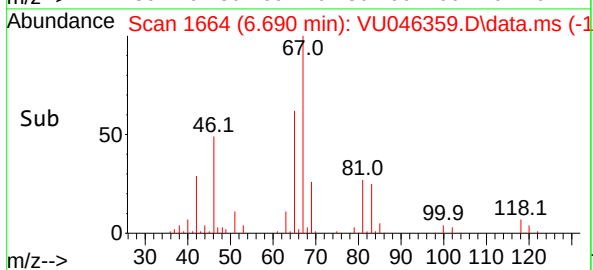
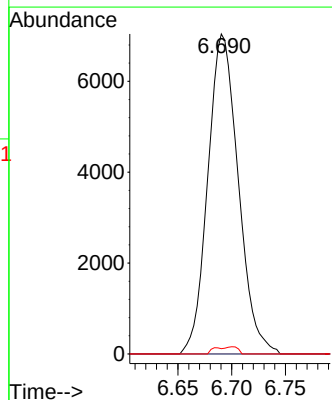
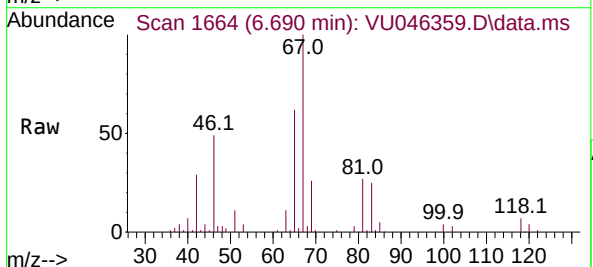
Instrument :
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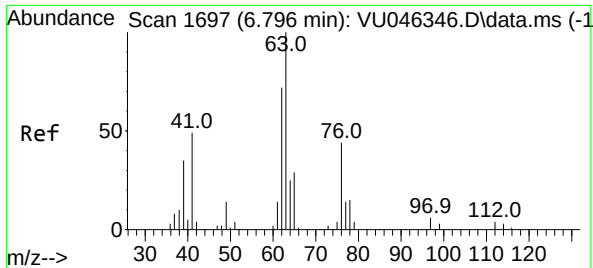
Tgt Ion:117 Resp: 1143
Ion Ratio Lower Upper
117 100
119 118.7 75.7 113.5#



#35
Methylcyclohexane
Concen: 6.340 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046359.D
Acq: 14 Dec 2021 16:27

Tgt Ion: 83 Resp: 13878
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 0.7 38.4 57.6#

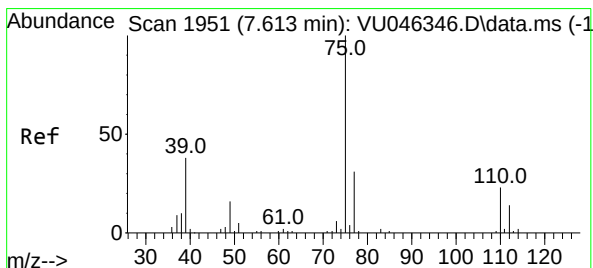
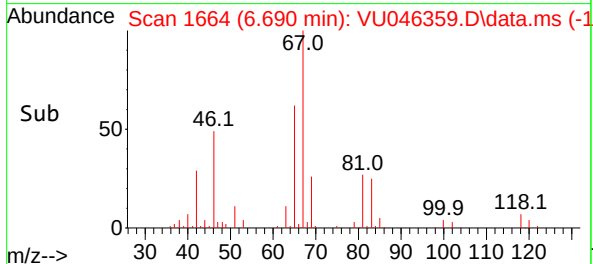
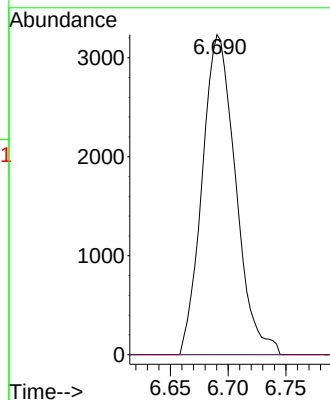
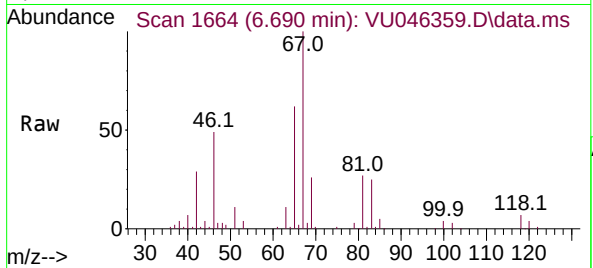




#37
1,2-Dichloropropane
Concen: 4.644 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU046359.D
Acq: 14 Dec 2021 16:27

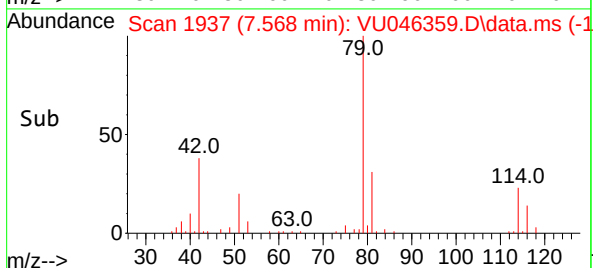
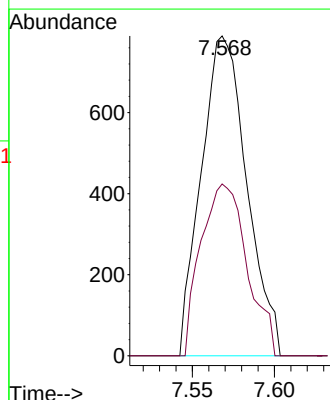
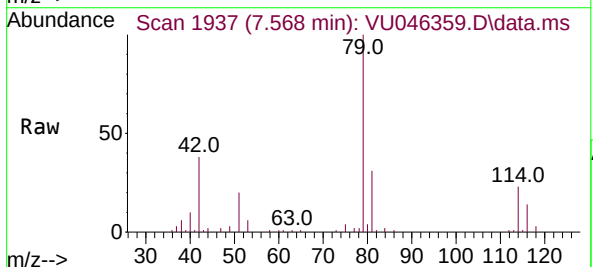
Instrument :
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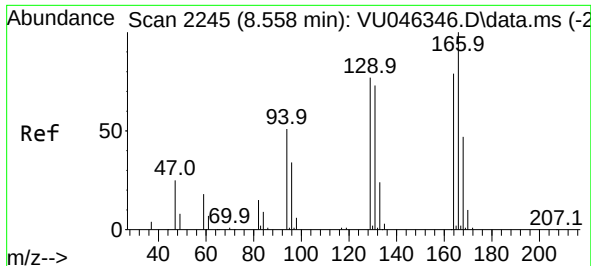
Tgt Ion: 63 Resp: 6519
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU046359.D
Acq: 14 Dec 2021 16:27

Tgt Ion: 75 Resp: 1525
Ion Ratio Lower Upper
75 100
77 53.7 21.8 40.6#

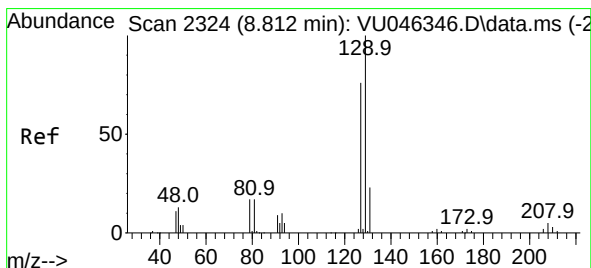
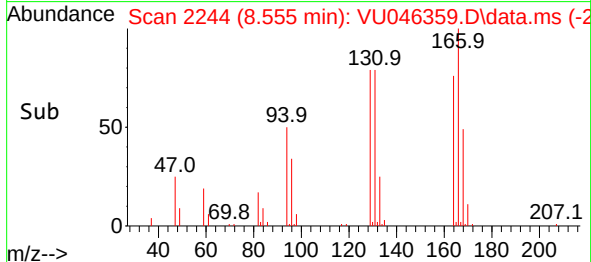
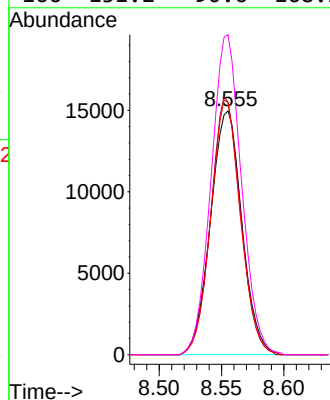
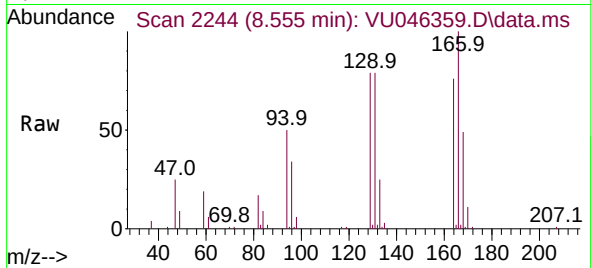




#46
Tetrachloroethene
Concen: 25.232 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046359.D
Acq: 14 Dec 2021 16:27

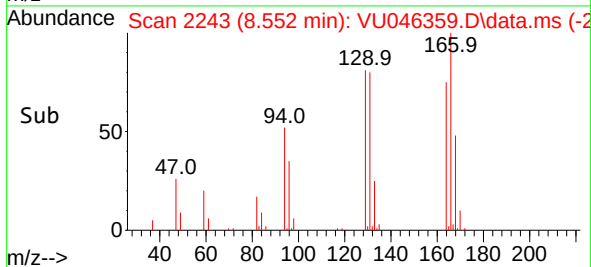
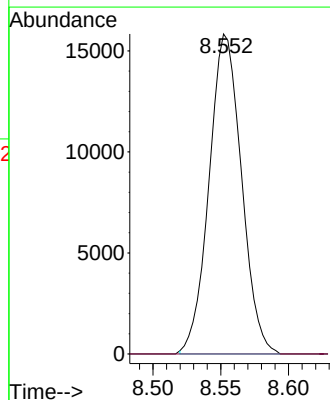
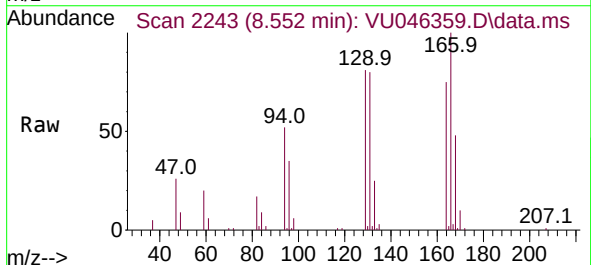
Instrument :
MSVOA_U
ClientSampleId :
BGL05ME

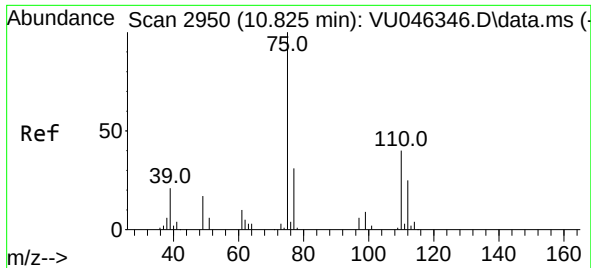
Tgt Ion:164	Resp:	26179
Ion Ratio	Lower	Upper
164	100	
129	103.6	71.1 132.1
131	103.4	67.8 126.0
166	131.2	90.6 168.2



#49
Dibromochloromethane
Concen: 17.813 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046359.D
Acq: 14 Dec 2021 16:27

Tgt Ion:129	Resp:	26346
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.538 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU046359.D
 Acq: 14 Dec 2021 16:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL05ME

Tgt Ion: 75 Resp: 10601
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.4 39.6
 110 2.0 32.4 48.6#

