

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
 Data File : VU054029.D
 Acq On : 01 May 2023 16:30
 Operator : JC/MD
 Sample : 02565-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY1

Quant Time: May 02 05:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 02 05:29:54 2023
 Response via : Initial Calibration

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

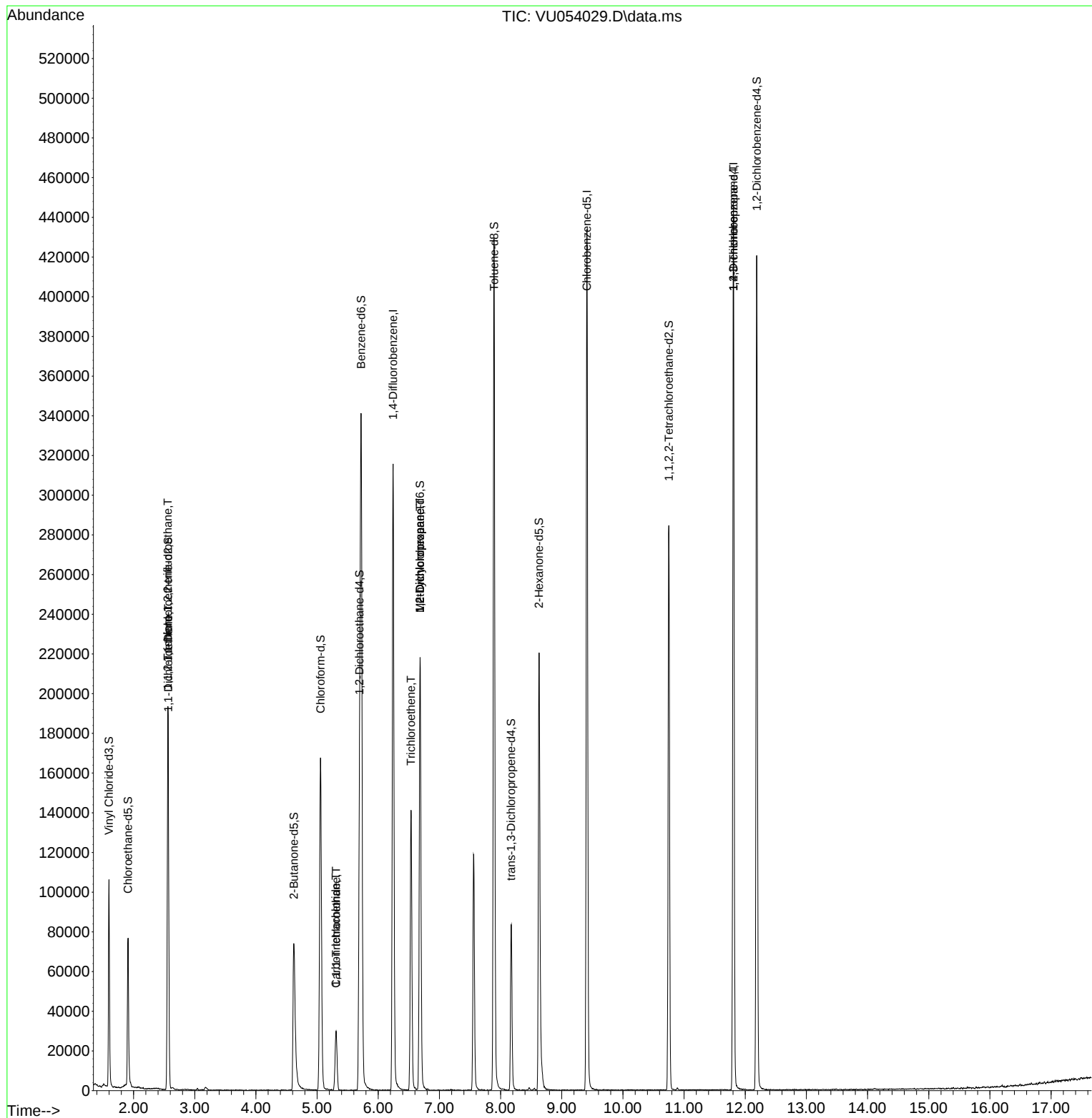
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	260219	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	247991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	120854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79263	40.275	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.540%		
7) Chloroethane-d5	1.909	69	53561	41.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.920%		
11) 1,1-Dichloroethene-d2	2.562	63	115313	33.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.060%		
21) 2-Butanone-d5	4.620	46	114976	102.432	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.430%		
24) Chloroform-d	5.057	84	157799	43.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.320%		
26) 1,2-Dichloroethane-d4	5.694	65	106552	45.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
32) Benzene-d6	5.719	84	318722	43.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.320%		
36) 1,2-Dichloropropane-d6	6.684	67	105064	45.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.180%		
41) Toluene-d8	7.893	98	286907	43.535	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.060%		
43) trans-1,3-Dichloroprop...	8.172	79	49053	43.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.020%		
47) 2-Hexanone-d5	8.629	63	77032	93.329	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.330%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	140667	46.342	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.680%		
66) 1,2-Dichlorobenzene-d4	12.188	152	115666	48.992	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1157	0.664	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1400	0.928	ug/L #	1
30) 1,1,1-Trichloroethane	5.311	97	22717	7.349	ug/L	99
31) Carbon tetrachloride	5.308	117	2563	0.972	ug/L	92
34) Trichloroethene	6.536	95	48452	25.291	ug/L	94
35) Methylcyclohexane	6.684	83	25223	9.387	ug/L #	18
37) 1,2-Dichloropropane	6.684	63	11699	5.729	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	13602	6.059	ug/L #	66

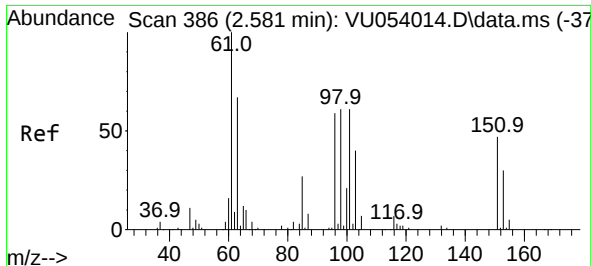
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
Data File : VU054029.D
Acq On : 01 May 2023 16:30
Operator : JC/MD
Sample : 02565-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY1

Quant Time: May 02 05:33:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 02 05:29:54 2023
Response via : Initial Calibration





#10

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

Concen: 0.664 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.023 min

Lab File: VU054029.D

Acq: 01 May 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

C0AY1

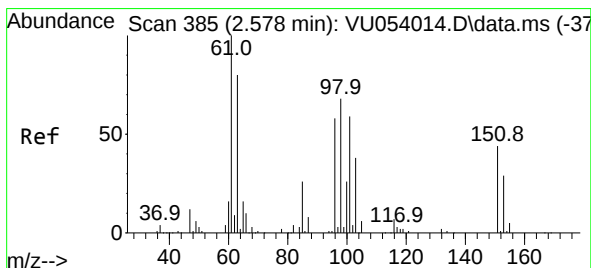
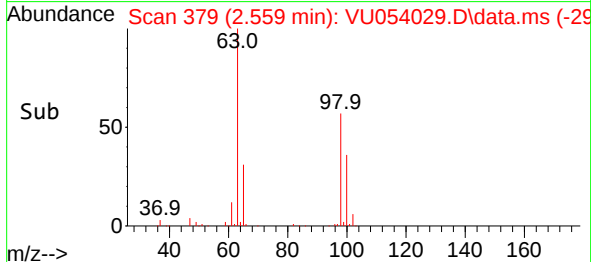
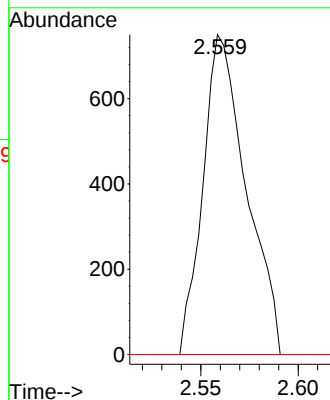
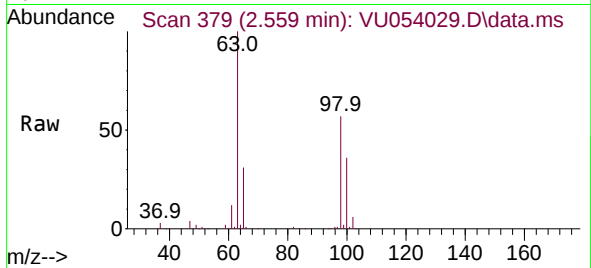
Tgt Ion:101 Resp: 1157

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 60.3 90.5#



#12

1,1-Dichloroethene

Concen: 0.928 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU054029.D

Acq: 01 May 2023 16:30

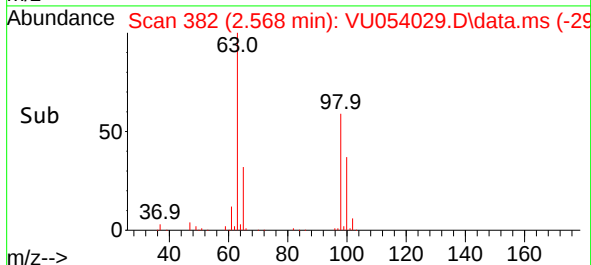
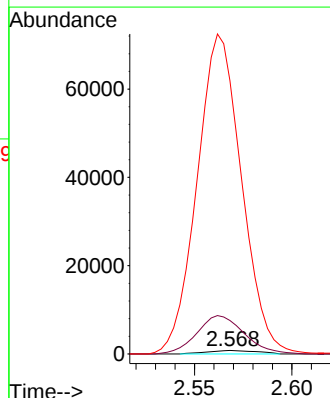
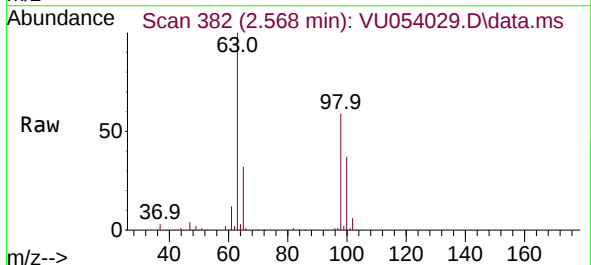
Tgt Ion: 96 Resp: 1400

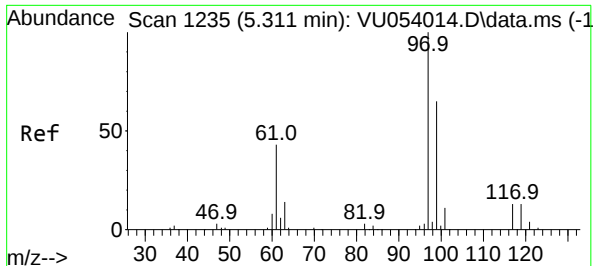
Ion Ratio Lower Upper

96 100

61 966.6 118.3 219.7#

63 7892.9 92.3 171.5#





#30

1,1,1-Trichloroethane

Concen: 7.349 ug/L

RT: 5.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054029.D

Acq: 01 May 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

C0AY1

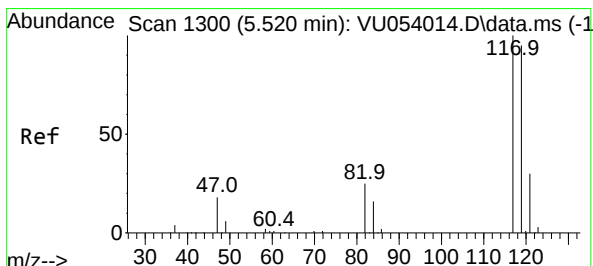
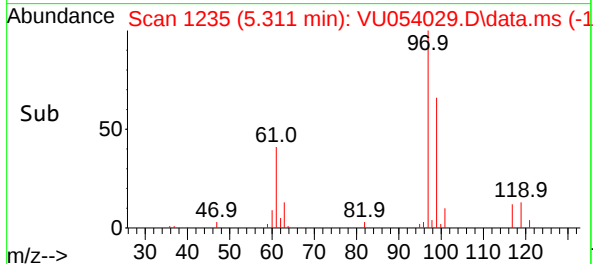
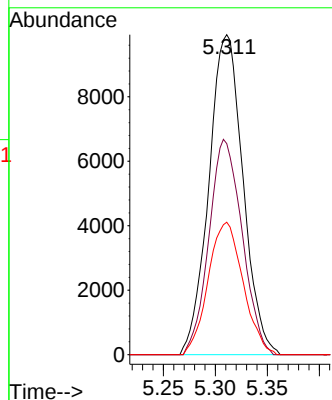
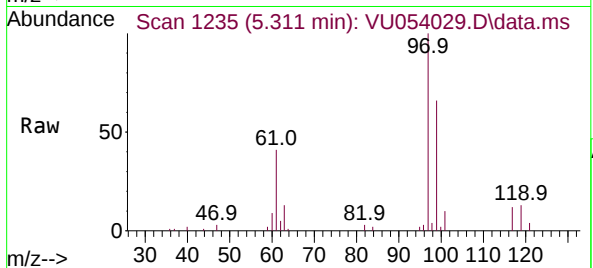
Tgt Ion: 97 Resp: 22717

Ion Ratio Lower Upper

97 100

99 65.3 51.2 76.8

61 42.2 34.2 51.4



#31

Carbon tetrachloride

Concen: 0.972 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. -0.212 min

Lab File: VU054029.D

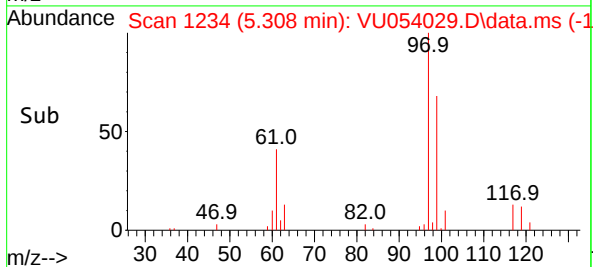
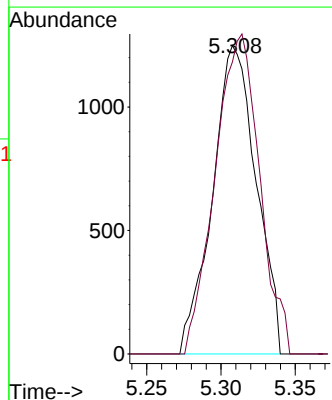
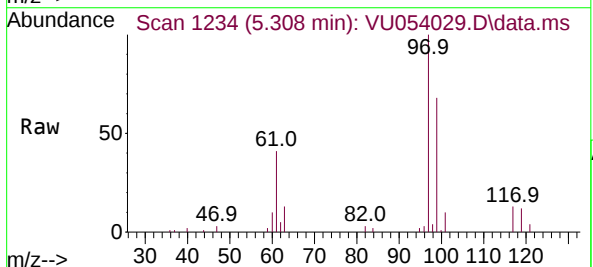
Acq: 01 May 2023 16:30

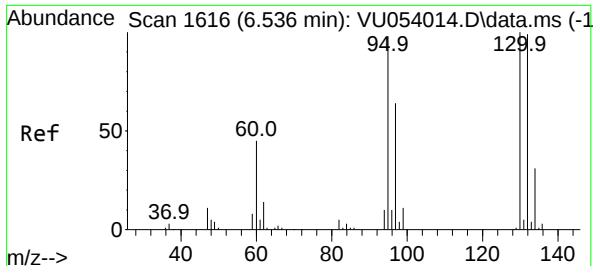
Tgt Ion: 117 Resp: 2563

Ion Ratio Lower Upper

117 100

119 105.4 77.8 116.6

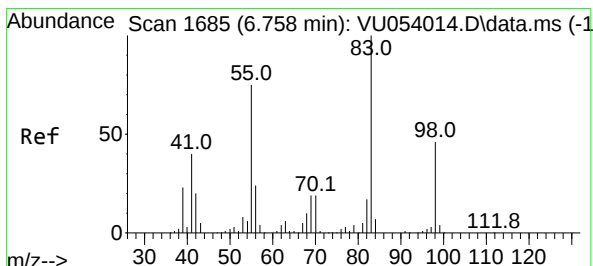
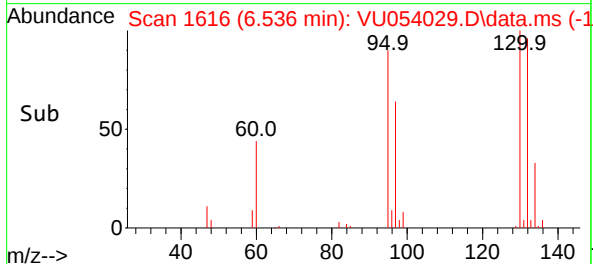
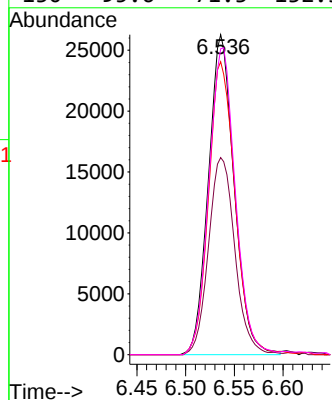
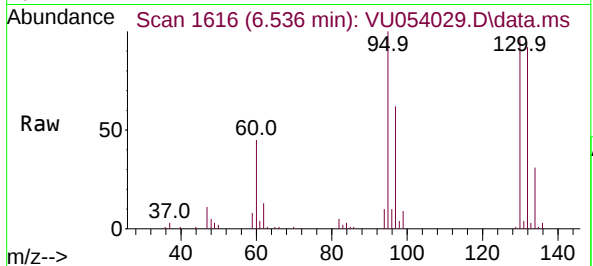




#34
Trichloroethene
Concen: 25.291 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054029.D
Acq: 01 May 2023 16:30

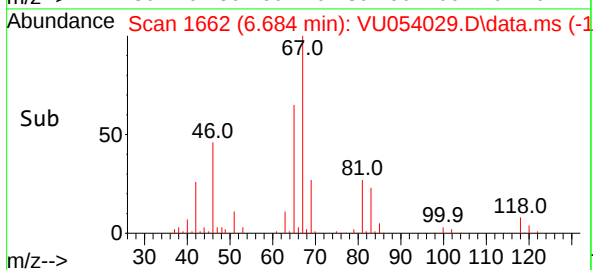
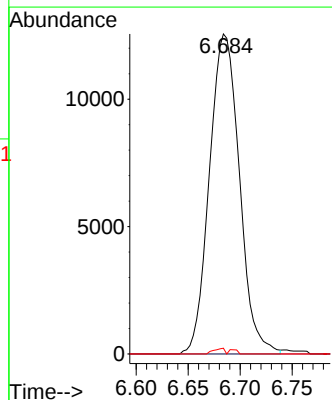
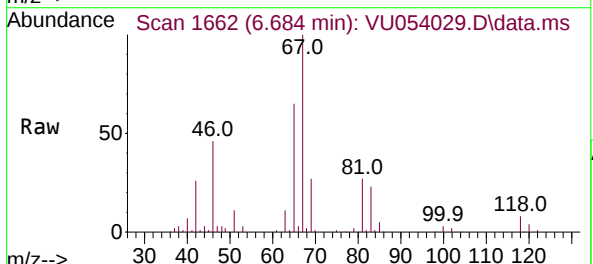
Instrument :
MSVOA_U
ClientSampleId :
C0AY1

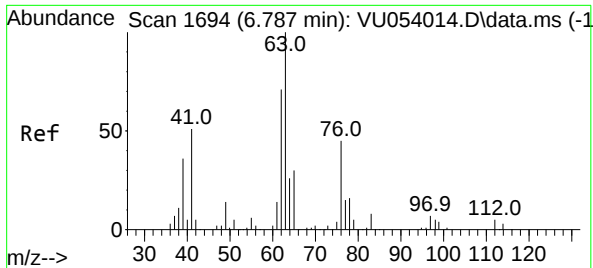
Tgt Ion: 95 Resp: 48452
Ion Ratio Lower Upper
95 100
97 61.6 46.5 86.3
132 91.5 67.8 126.0
130 95.6 71.3 132.3



#35
Methylcyclohexane
Concen: 9.387 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU054029.D
Acq: 01 May 2023 16:30

Tgt Ion: 83 Resp: 25223
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 0.6 38.4 57.6#

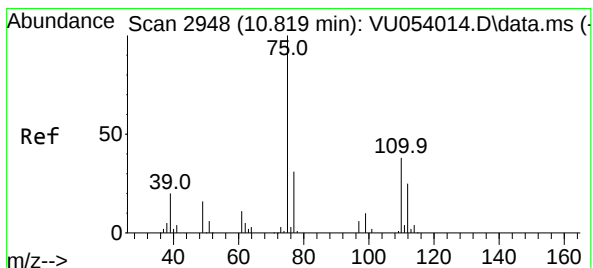
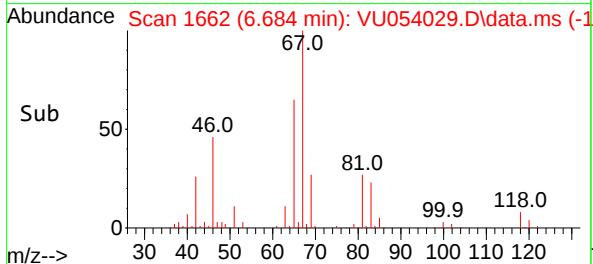
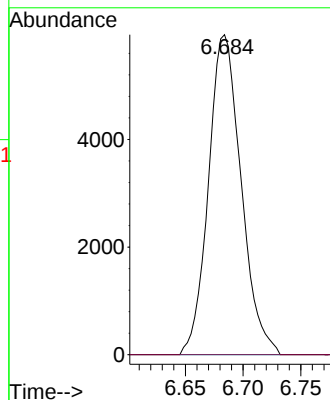
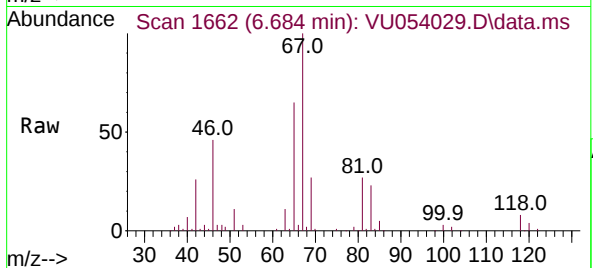




#37
1,2-Dichloropropane
Concen: 5.729 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054029.D
Acq: 01 May 2023 16:30

Instrument :
MSVOA_U
ClientSampleId :
C0AY1

Tgt Ion: 63 Resp: 11699
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#60
1,2,3-Trichloropropane
Concen: 6.059 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU054029.D
Acq: 01 May 2023 16:30

Tgt Ion: 75 Resp: 13602
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 2.4 31.8 47.8#

