

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049100.D
 Acq On : 12 Jun 2022 18:43
 Operator : SY/MD
 Sample : N3255-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DS3

Quant Time: Jun 13 05:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

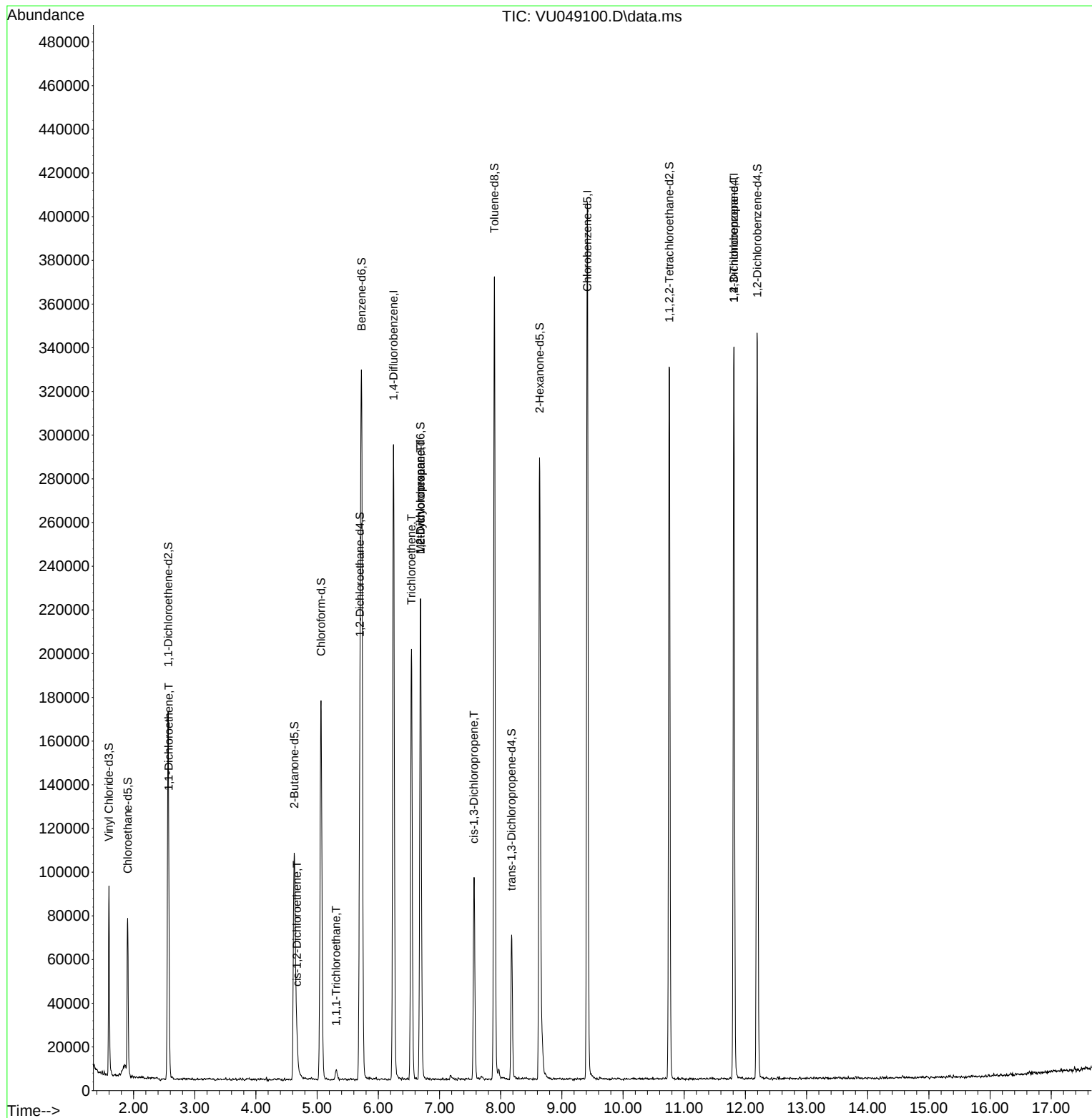
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	240117	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91414	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64741	43.767	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.540%		
7) Chloroethane-d5	1.903	69	51893	47.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.560%		
11) 1,1-Dichloroethene-d2	2.565	63	98968	35.457	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.920%		
21) 2-Butanone-d5	4.626	46	161675	99.687	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.690%		
24) Chloroform-d	5.063	84	165891	52.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.140%		
26) 1,2-Dichloroethane-d4	5.700	65	112631	55.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.180%		
32) Benzene-d6	5.726	84	300153	52.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.300%		
36) 1,2-Dichloropropane-d6	6.690	67	101483	52.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.920%		
41) Toluene-d8	7.896	98	245717	48.875	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.760%		
43) trans-1,3-Dichloroprop...	8.179	79	39103	43.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.740%		
47) 2-Hexanone-d5	8.636	63	90371	90.102	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.100%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	158807	49.615	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	12.195	152	93773	58.956	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.920%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	4668	3.152	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	5320	2.686	ug/L	84
30) 1,1,1-Trichloroethane	5.311	97	3531	1.101	ug/L	91
34) Trichloroethene	6.543	95	66391	35.363	ug/L	97
35) Methylcyclohexane	6.690	83	24568	9.375	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11115	5.292	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2246	0.727	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	9332	4.025	ug/L #	67

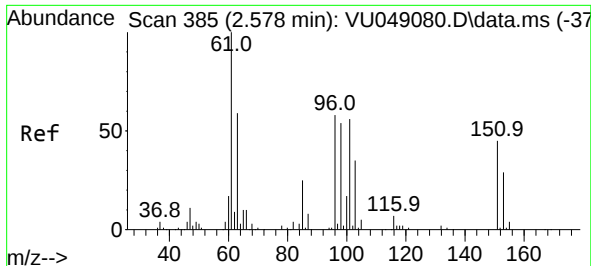
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.152 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049100.D

Acq: 12 Jun 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

C0DS3

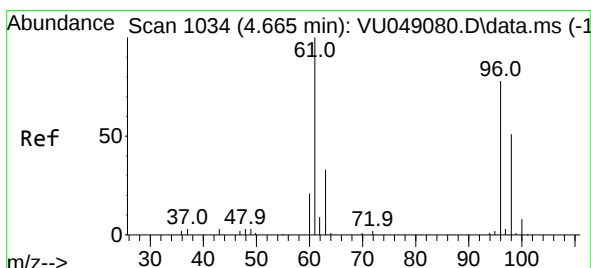
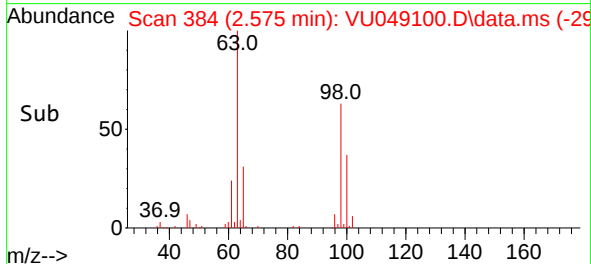
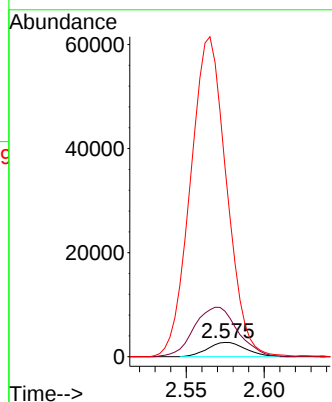
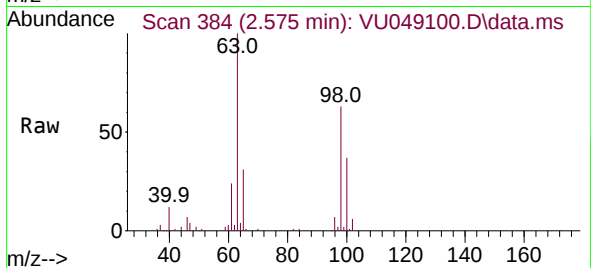
Tgt Ion: 96 Resp: 4668

Ion Ratio Lower Upper

96 100

61 320.7 123.5 229.3#

63 1336.4 86.0 159.8#



#20

cis-1,2-Dichloroethene

Concen: 2.686 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU049100.D

Acq: 12 Jun 2022 18:43

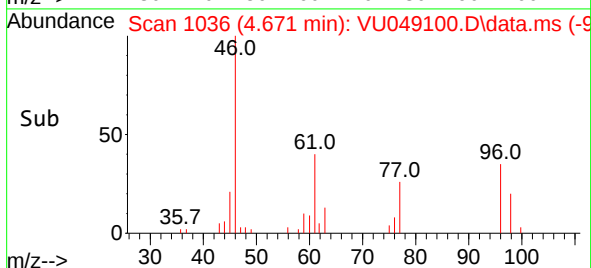
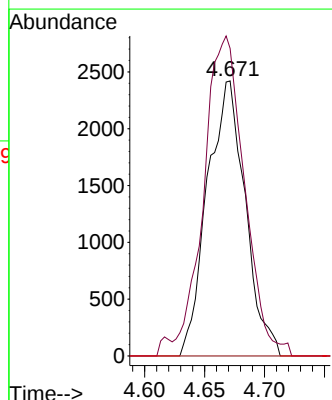
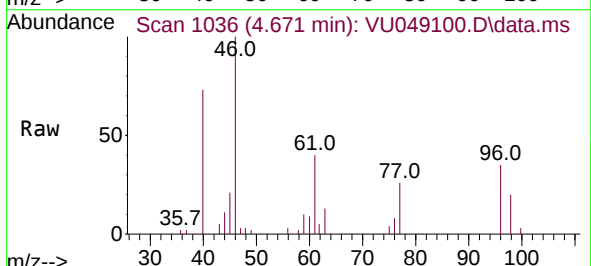
Tgt Ion: 96 Resp: 5320

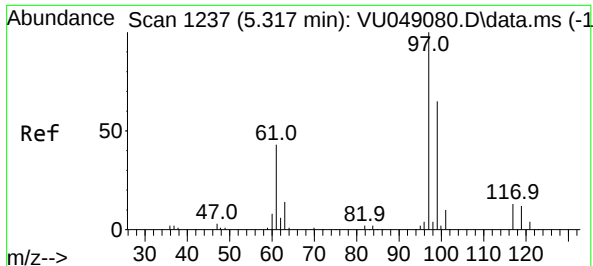
Ion Ratio Lower Upper

96 100

61 111.8 91.6 170.2

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.101 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049100.D

Acq: 12 Jun 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

C0DS3

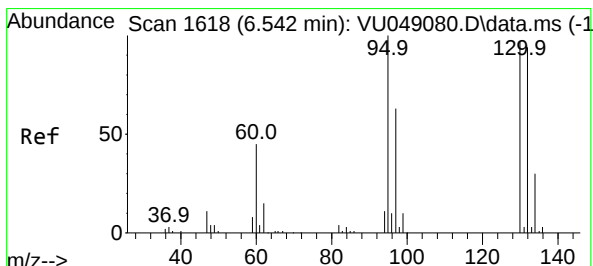
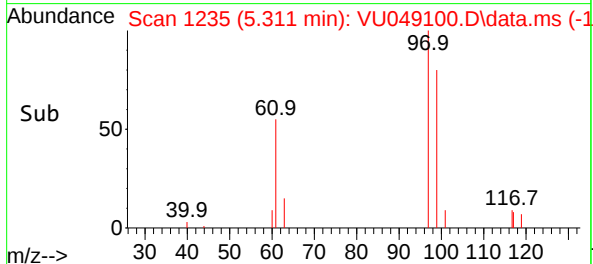
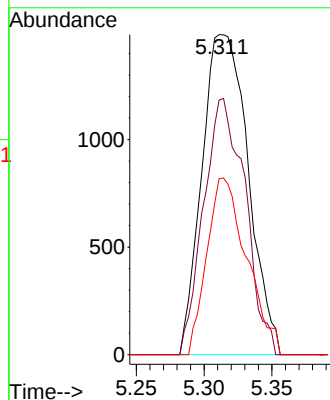
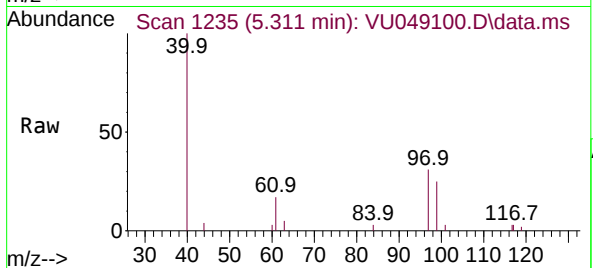
Tgt Ion: 97 Resp: 3531

Ion Ratio Lower Upper

97 100

99 71.8 50.9 76.3

61 47.0 34.2 51.2



#34

Trichloroethene

Concen: 35.363 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049100.D

Acq: 12 Jun 2022 18:43

Tgt Ion: 95 Resp: 66391

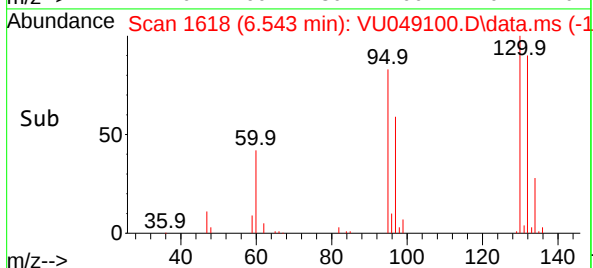
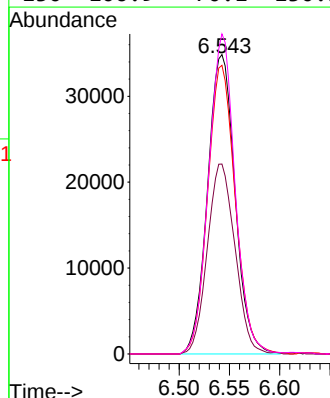
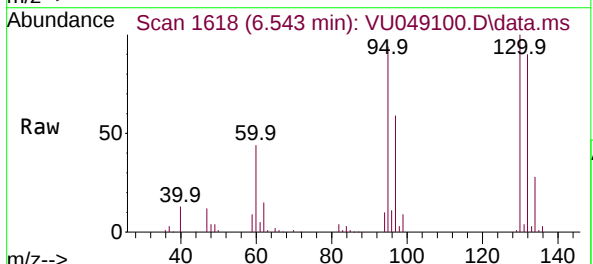
Ion Ratio Lower Upper

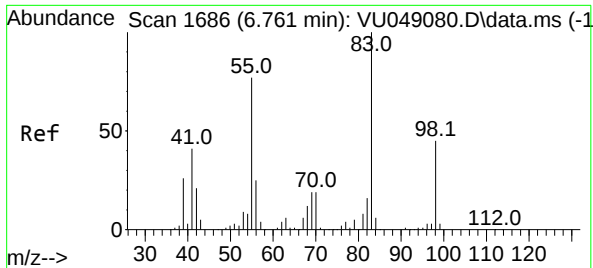
95 100

97 63.4 45.4 84.4

132 96.4 67.6 125.6

130 106.9 70.1 130.3

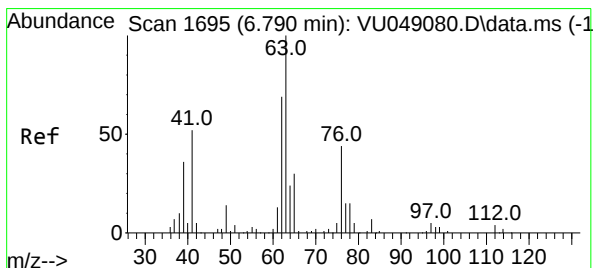
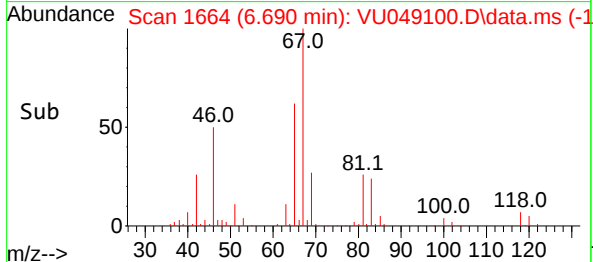
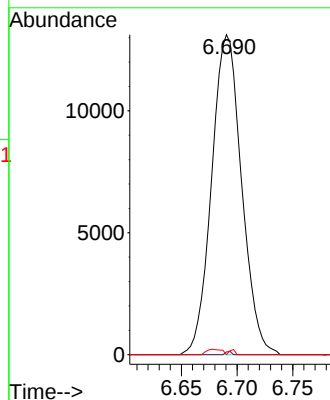
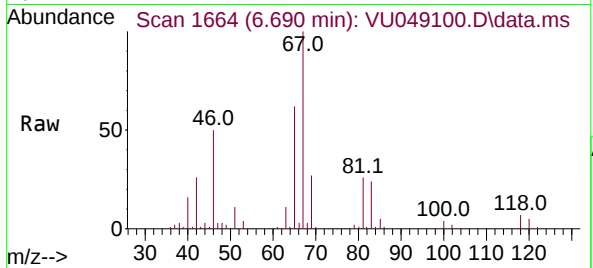




#35
Methylcyclohexane
Concen: 9.375 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049100.D
Acq: 12 Jun 2022 18:43

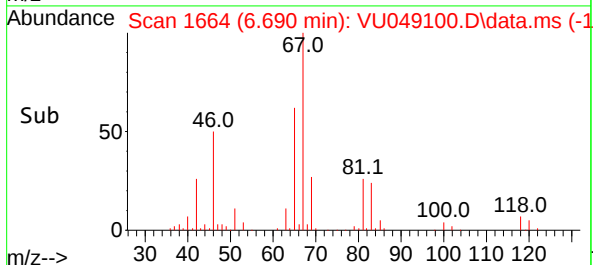
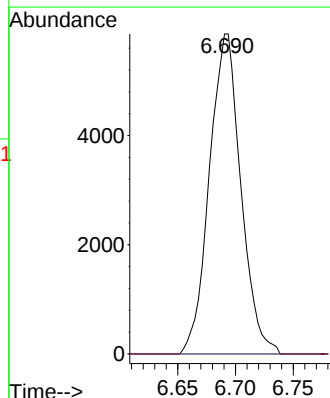
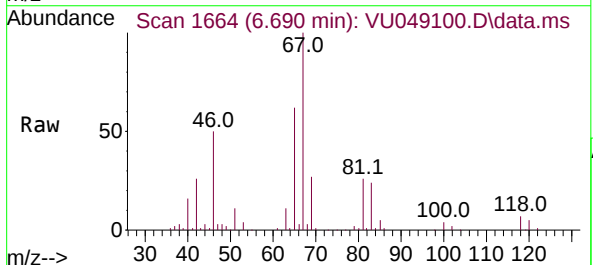
Instrument :
MSVOA_U
ClientSampleId :
C0DS3

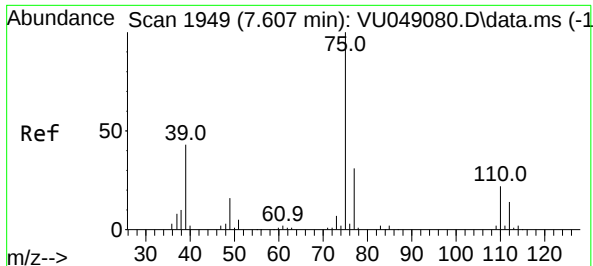
Tgt Ion: 83 Resp: 24568
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.6#
98 0.3 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 5.292 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049100.D
Acq: 12 Jun 2022 18:43

Tgt Ion: 63 Resp: 11115
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049100.D

Acq: 12 Jun 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

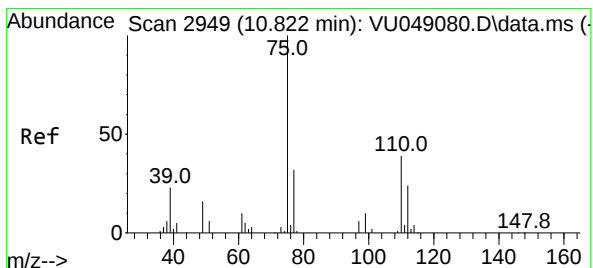
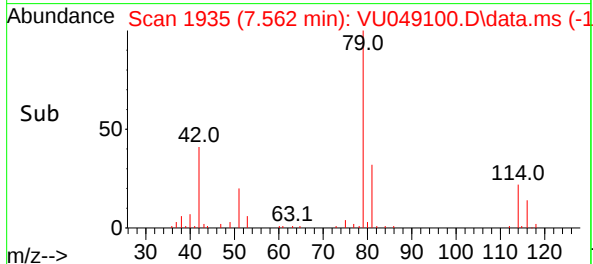
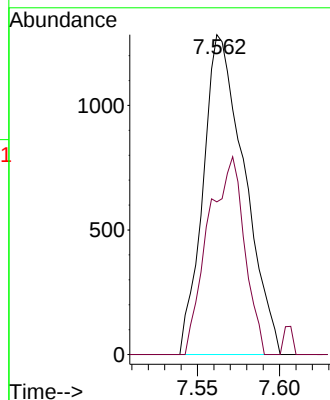
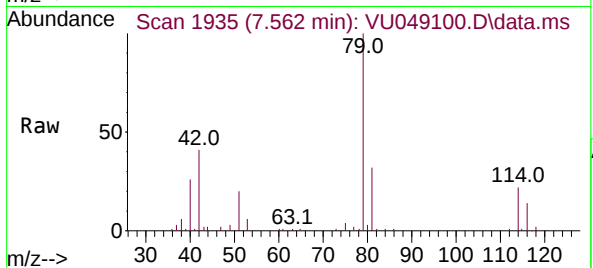
C0DS3

Tgt Ion: 75 Resp: 2246

Ion Ratio Lower Upper

75 100

77 47.7 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.025 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049100.D

Acq: 12 Jun 2022 18:43

Tgt Ion: 75 Resp: 9332

Ion Ratio Lower Upper

75 100

77 31.3 26.6 40.0

110 2.1 30.2 45.4#

