

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049089.D
 Acq On : 12 Jun 2022 14:25
 Operator : SY/MD
 Sample : N3255-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DK2

Quant Time: Jun 13 05:03:54 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)

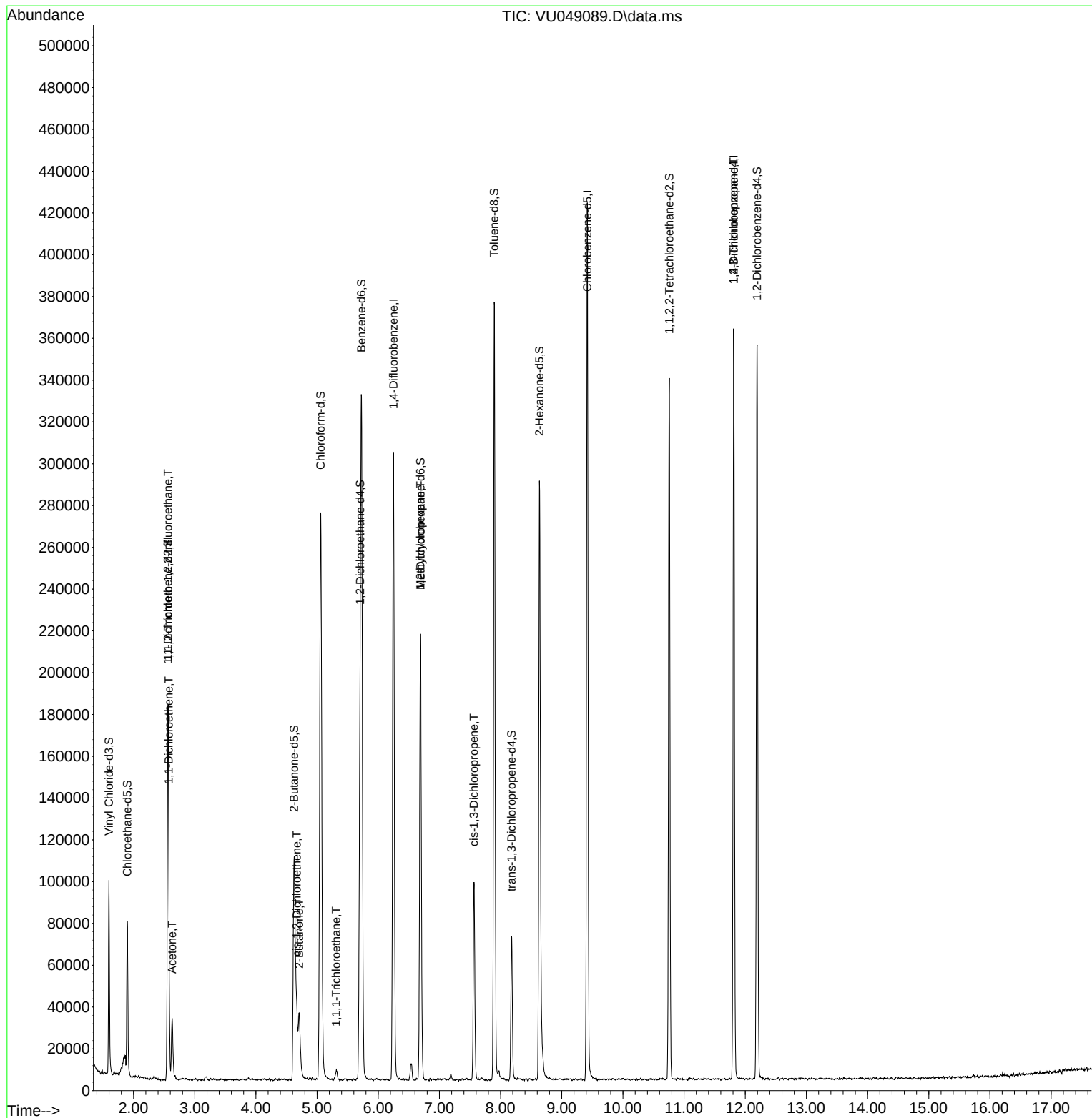
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	247989	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97307	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69163	45.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.540%		
7) Chloroethane-d5	1.896	69	53461	47.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.320%		
11) 1,1-Dichloroethene-d2	2.562	63	103031	35.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.480%		
21) 2-Butanone-d5	4.626	46	160605	95.884	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.880%		
24) Chloroform-d	5.060	84	160036	49.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.220%		
26) 1,2-Dichloroethane-d4	5.703	65	111261	52.695	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.380%		
32) Benzene-d6	5.726	84	300531	51.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.300%		
36) 1,2-Dichloropropane-d6	6.690	67	101616	51.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.900%		
41) Toluene-d8	7.896	98	242918	46.880	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
43) trans-1,3-Dichloroprop...	8.179	79	38917	41.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.760%		
47) 2-Hexanone-d5	8.635	63	87229	84.380	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.380%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	162020	49.112	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.220%		
66) 1,2-Dichlorobenzene-d4	12.195	152	94773	55.976	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	950	0.544	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	11754	7.686	ug/L #	1
13) Acetone	2.629	43	35205	26.710	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	11422	5.583	ug/L	90
22) 2-Butanone	4.706	43	43372	21.413	ug/L	95
30) 1,1,1-Trichloroethane	5.311	97	1664	0.504	ug/L #	34
35) Methylcyclohexane	6.690	83	24023	8.894	ug/L #	19
39) cis-1,3-Dichloropropene	7.562	75	2556	0.802	ug/L #	26
60) 1,2,3-Trichloropropane	11.812	75	9755	3.952	ug/L #	65

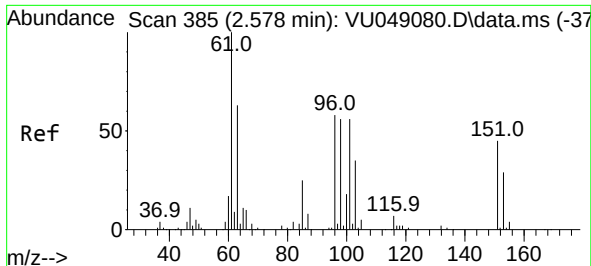
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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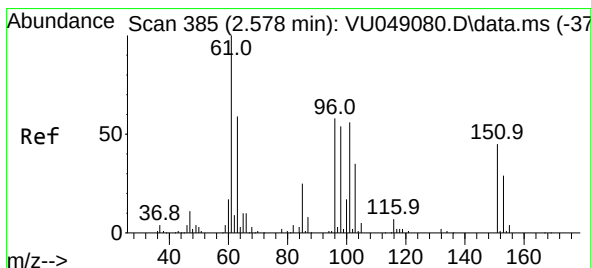
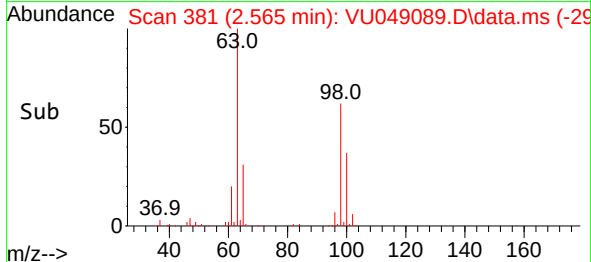
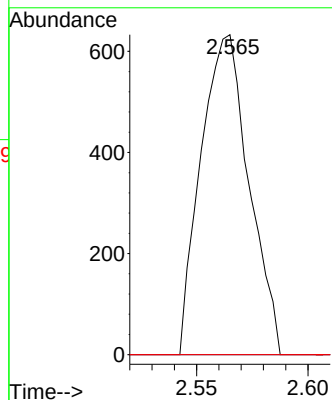
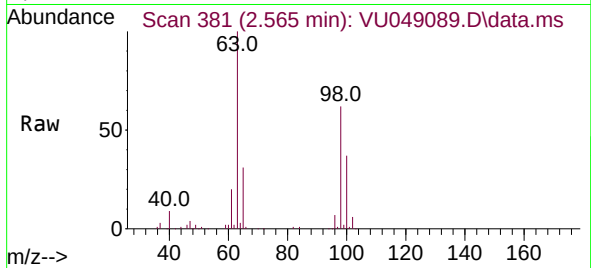




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.544 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049089.D
Acq: 12 Jun 2022 14:25

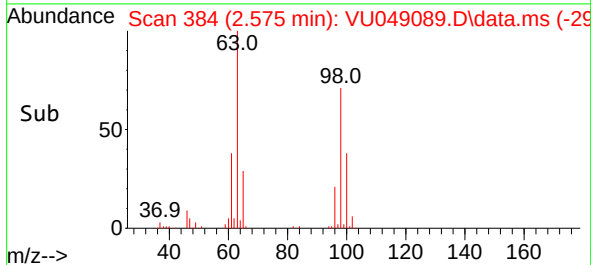
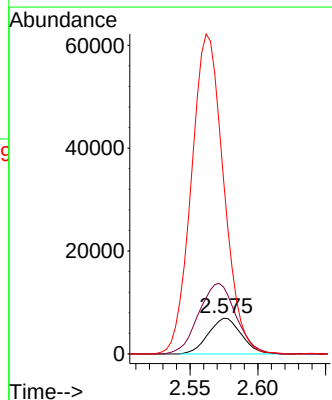
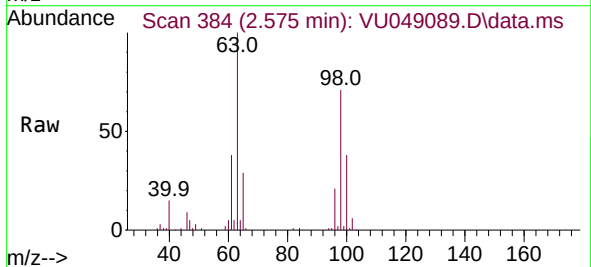
Instrument :
MSVOA_U
ClientSampleId :
C0DK2

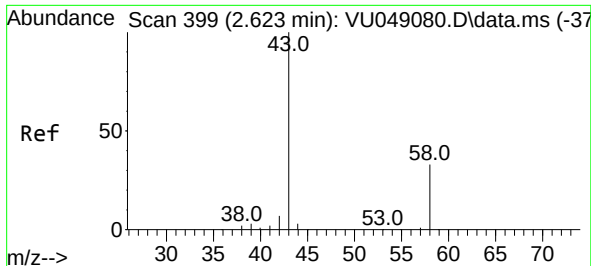
Tgt Ion:101 Resp: 950
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 7.686 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049089.D
Acq: 12 Jun 2022 14:25

Tgt Ion: 96 Resp: 11754
Ion Ratio Lower Upper
96 100
61 187.1 123.5 229.3
63 487.4 86.0 159.8#





#13

Acetone

Concen: 26.710 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

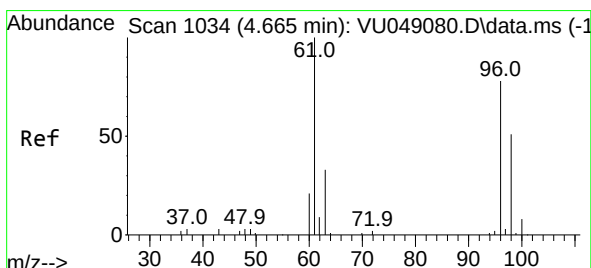
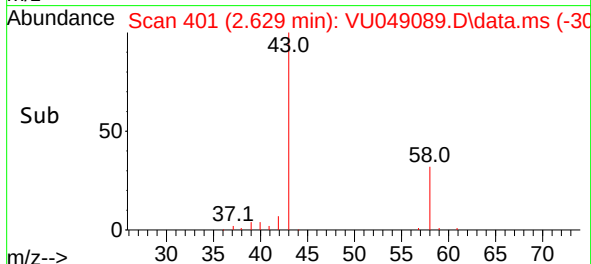
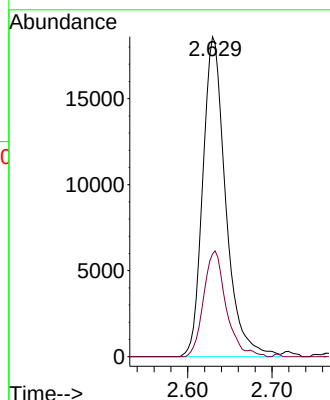
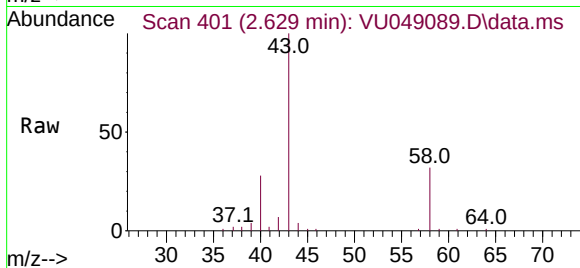
C0DK2

Tgt Ion: 43 Resp: 35205

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.4



#20

cis-1,2-Dichloroethene

Concen: 5.583 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

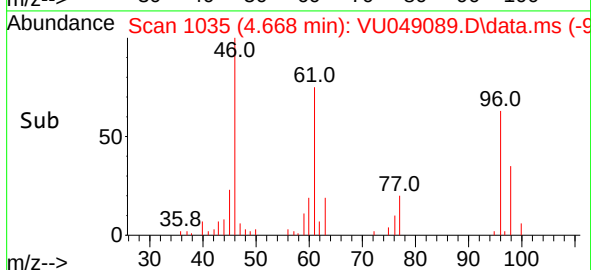
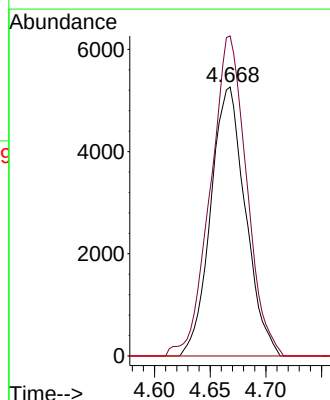
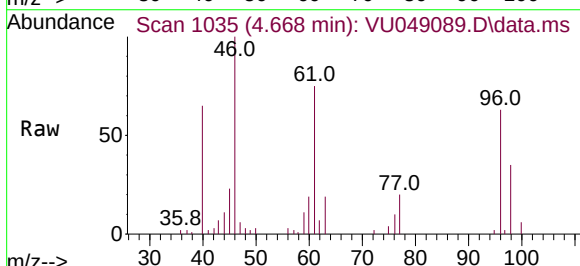
Tgt Ion: 96 Resp: 11422

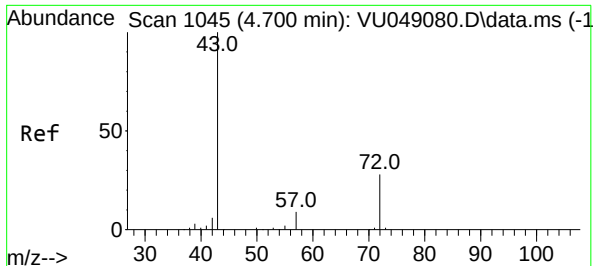
Ion Ratio Lower Upper

96 100

61 119.0 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 21.413 ug/L

RT: 4.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

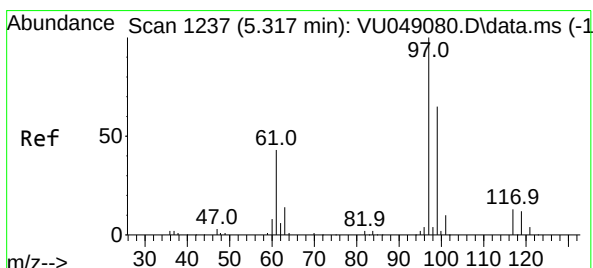
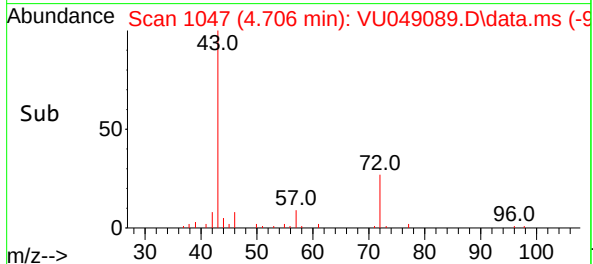
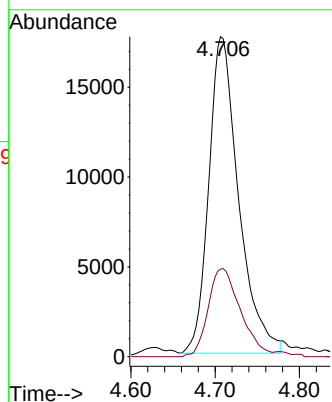
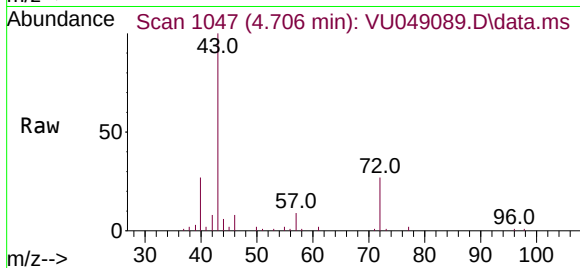
CODK2

Tgt Ion: 43 Resp: 43372

Ion Ratio Lower Upper

43 100

72 30.1 13.7 41.0



#30

1,1,1-Trichloroethane

Concen: 0.504 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.007 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

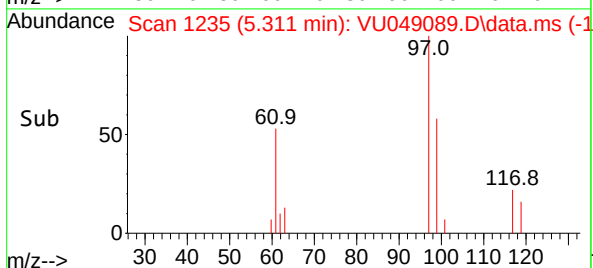
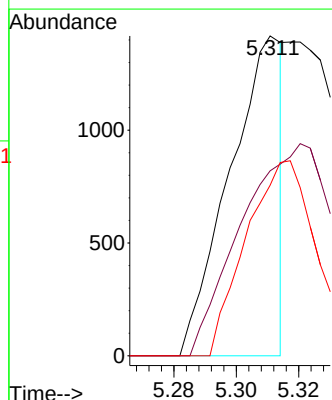
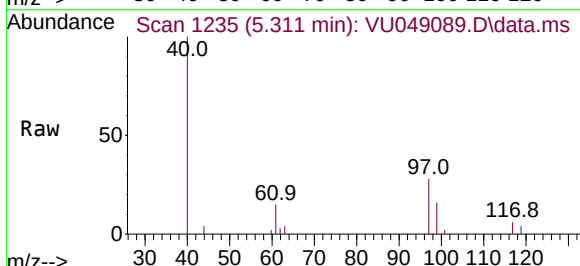
Tgt Ion: 97 Resp: 1664

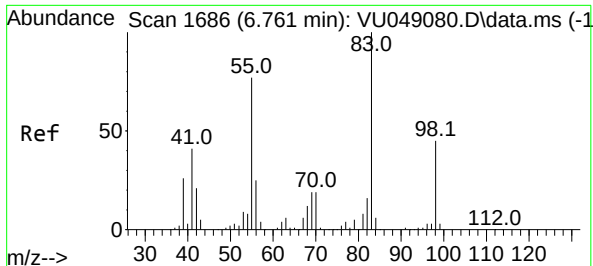
Ion Ratio Lower Upper

97 100

99 118.9 50.9 76.3#

61 80.5 34.2 51.2#





#35

Methylcyclohexane

Concen: 8.894 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

C0DK2

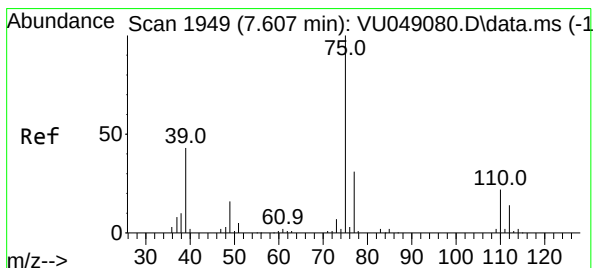
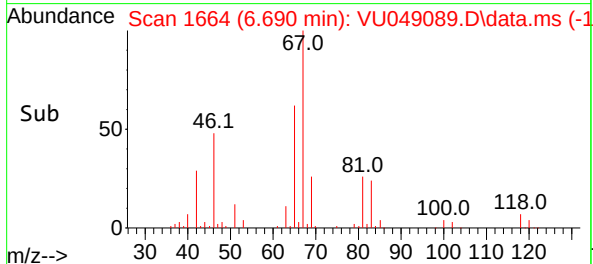
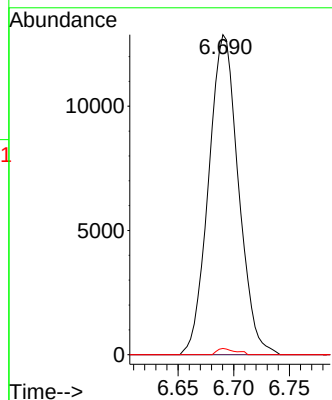
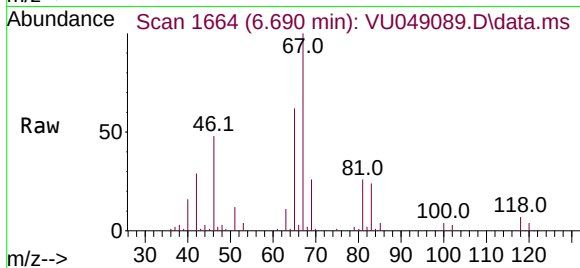
Tgt Ion: 83 Resp: 24023

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 1.0 36.8 55.2#



#39

cis-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049089.D

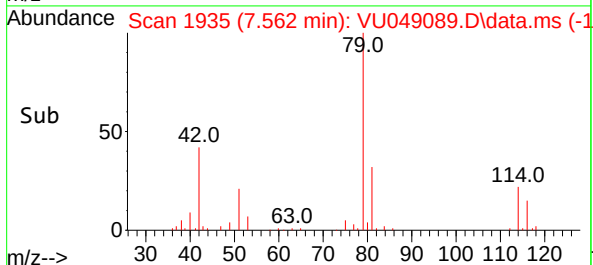
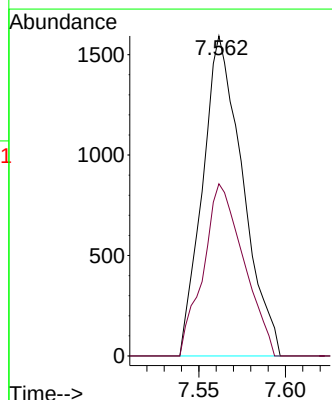
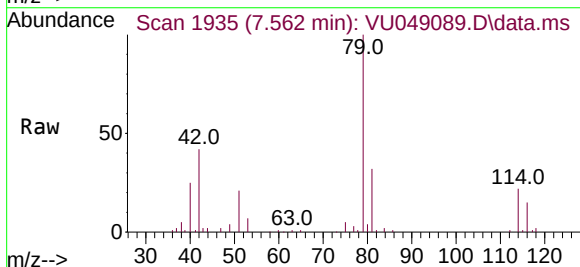
Acq: 12 Jun 2022 14:25

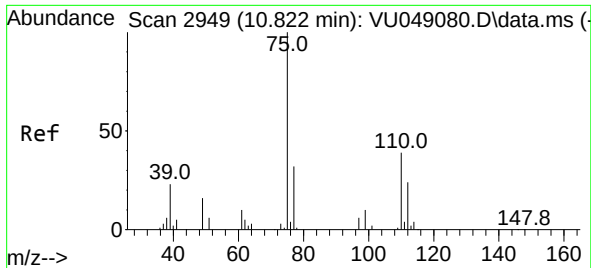
Tgt Ion: 75 Resp: 2556

Ion Ratio Lower Upper

75 100

77 73.6 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.952 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049089.D
 Acq: 12 Jun 2022 14:25

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Tgt Ion: 75 Resp: 9755
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.6 40.0
 110 2.5 30.2 45.4#

