

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050920.D
 Acq On : 23 Sep 2022 15:18
 Operator : JC/MD
 Sample : N4747-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

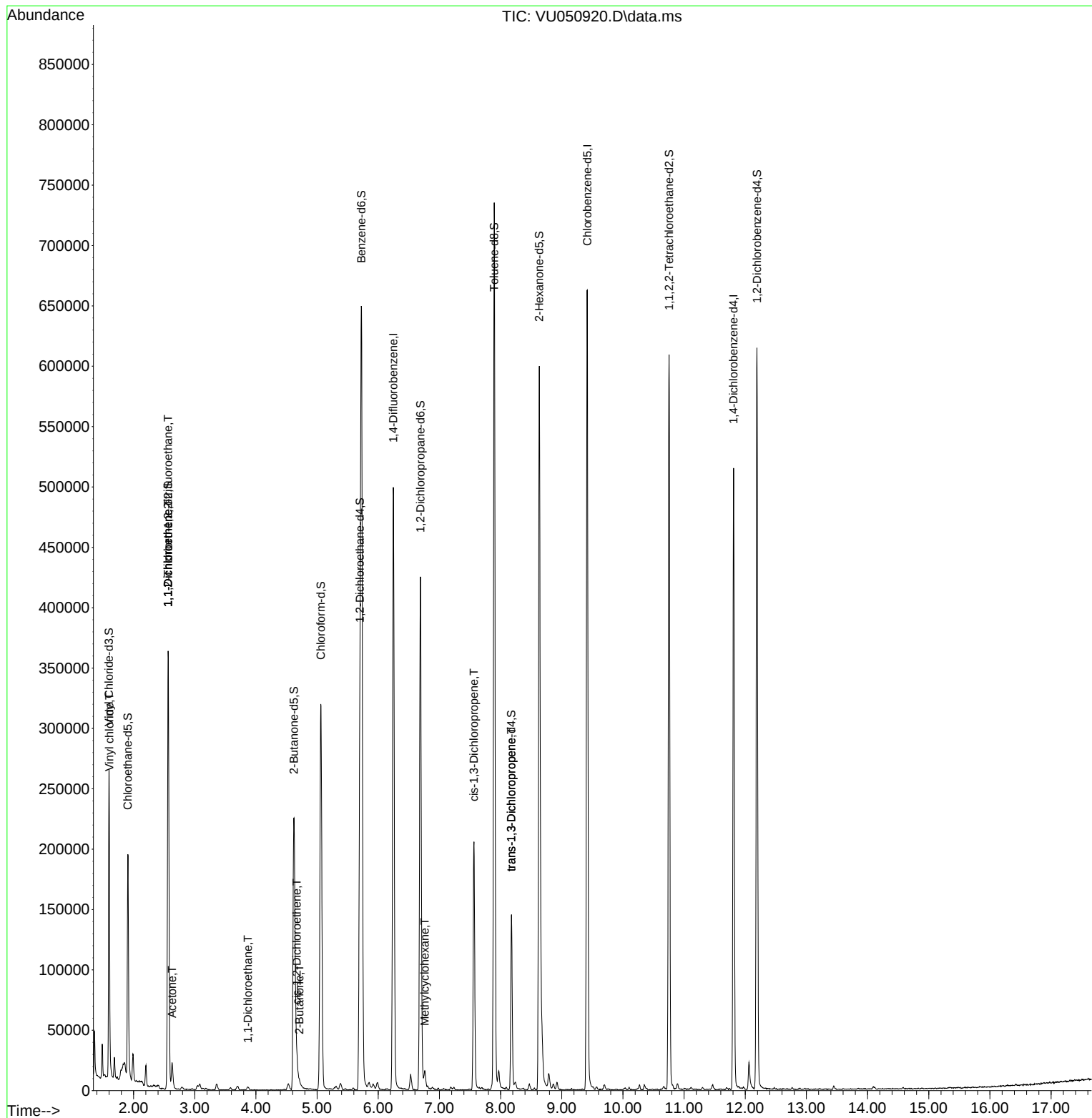
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	392710	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	374680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	133386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171898	42.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.500%		
7) Chloroethane-d5	1.906	69	140723	48.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.120%		
11) 1,1-Dichloroethene-d2	2.565	63	213110	33.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.320%		
21) 2-Butanone-d5	4.620	46	341777	130.113	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	130.110%#		
24) Chloroform-d	5.060	84	301370	47.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.520%		
26) 1,2-Dichloroethane-d4	5.700	65	195538	49.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.520%		
32) Benzene-d6	5.726	84	602878	48.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.700%		
36) 1,2-Dichloropropane-d6	6.690	67	208067	49.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.900%		
41) Toluene-d8	7.896	98	482521	44.729	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.460%		
43) trans-1,3-Dichloroprop...	8.176	79	81856	45.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.340%		
47) 2-Hexanone-d5	8.632	63	184073	107.226	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.230%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	314162	49.466	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.940%		
66) 1,2-Dichlorobenzene-d4	12.192	152	157627	56.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.880%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	4370	0.944	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2179	0.678	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1729	0.573	ug/L #	1
13) Acetone	2.629	43	24421	10.980	ug/L	99
19) 1,1-Dichloroethane	3.870	63	3572	0.571	ug/L #	84
20) cis-1,2-Dichloroethene	4.668	96	5221	1.522	ug/L	93
22) 2-Butanone	4.710	43	5285	1.803	ug/L	73
35) Methylcyclohexane	6.761	83	5536	1.073	ug/L	95
39) cis-1,3-Dichloropropene	7.562	75	4856	0.962	ug/L #	79
44) trans-1,3-Dichloropropene	8.176	75	3746	0.780	ug/L	88

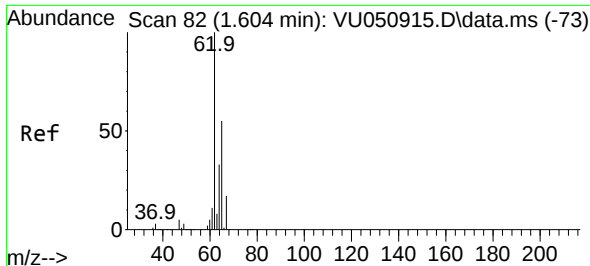
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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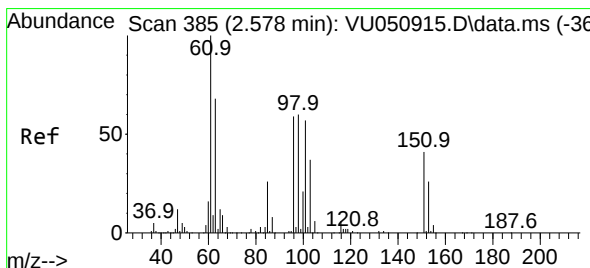
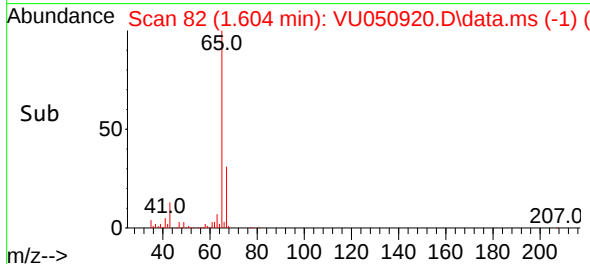
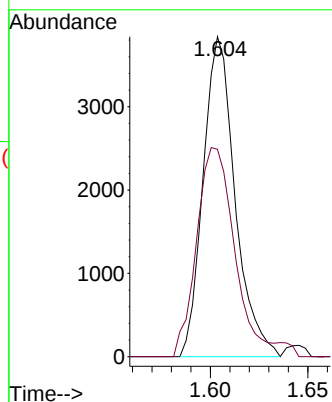
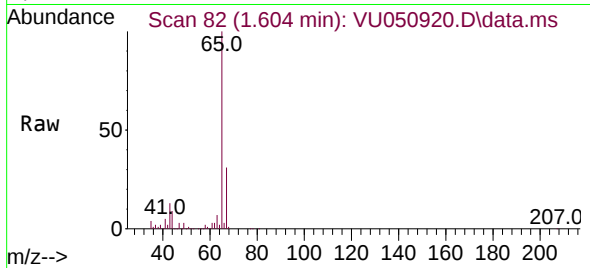




#5
 Vinyl chloride
 Concen: 0.944 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050920.D
 Acq: 23 Sep 2022 15:18

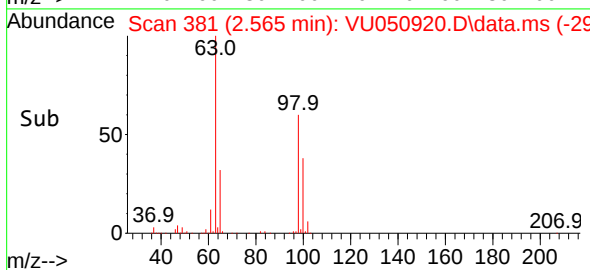
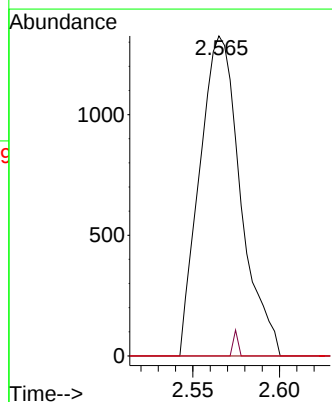
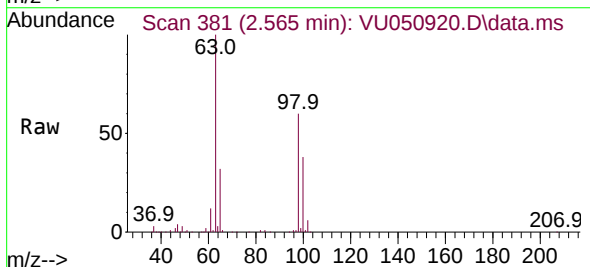
Instrument :
 MSVOA_U
 ClientSampleId :

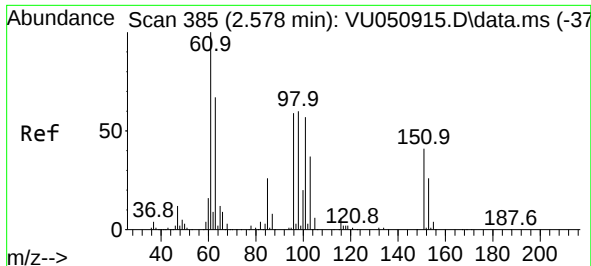
Tgt Ion: 62 Resp: 4370
 Ion Ratio Lower Upper
 62 100
 64 64.8 22.2 41.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.678 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050920.D
 Acq: 23 Sep 2022 15:18

Tgt Ion: 101 Resp: 2179
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#





#12

1,1-Dichloroethene

Concen: 0.573 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050920.D

Acq: 23 Sep 2022 15:18

Instrument :

MSVOA_U

ClientSampleId :

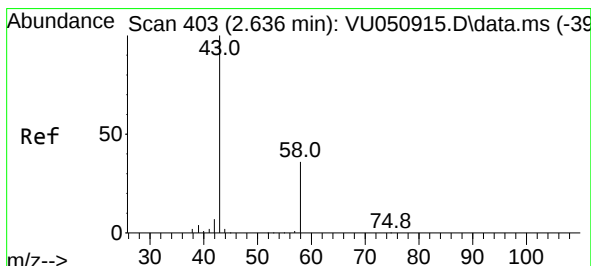
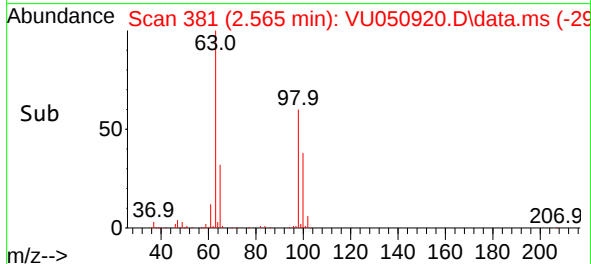
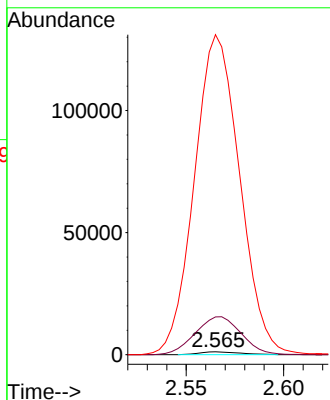
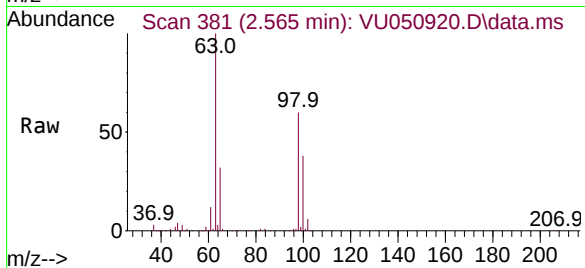
Tgt Ion: 96 Resp: 1729

Ion Ratio Lower Upper

96 100

61 1300.3 118.6 220.2#

63 11033.0 90.4 168.0#



#13

Acetone

Concen: 10.980 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.007 min

Lab File: VU050920.D

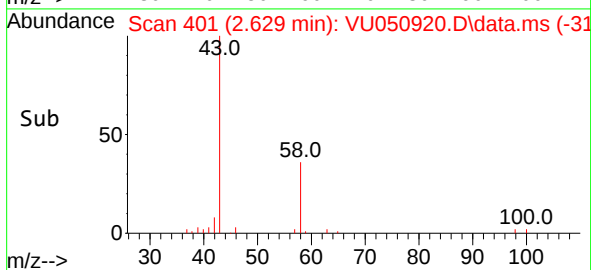
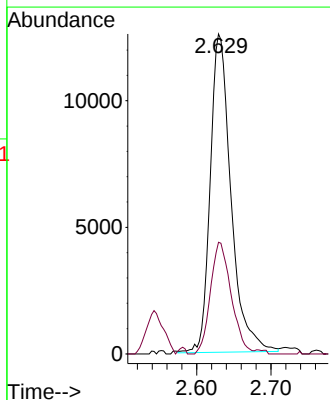
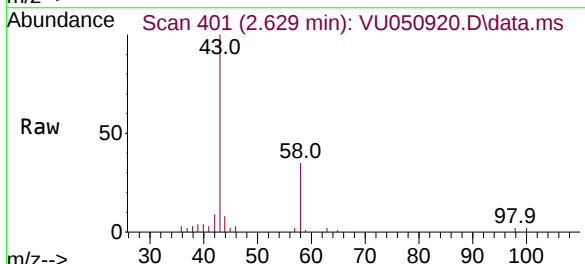
Acq: 23 Sep 2022 15:18

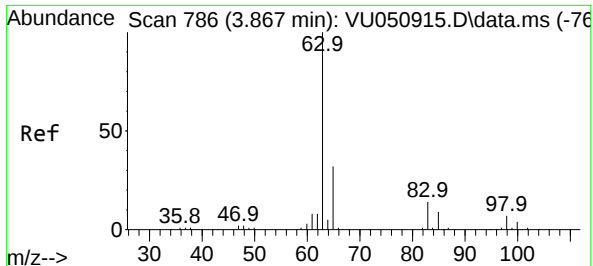
Tgt Ion: 43 Resp: 24421

Ion Ratio Lower Upper

43 100

58 35.1 0.0 71.4





#19

1,1-Dichloroethane

Concen: 0.571 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050920.D

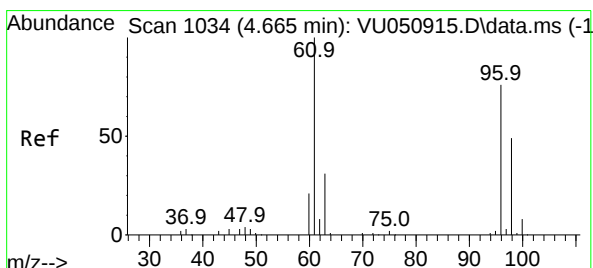
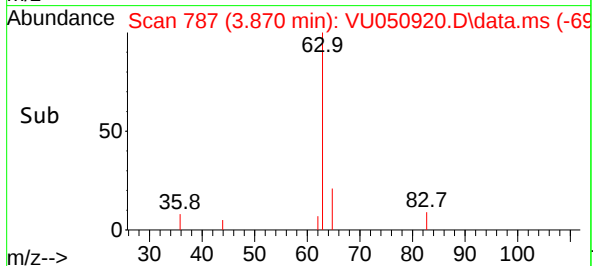
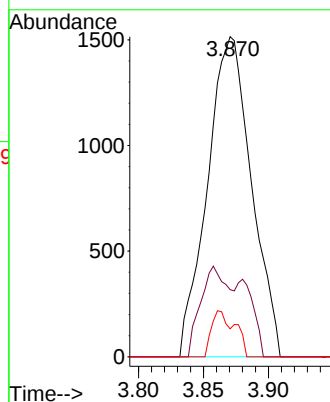
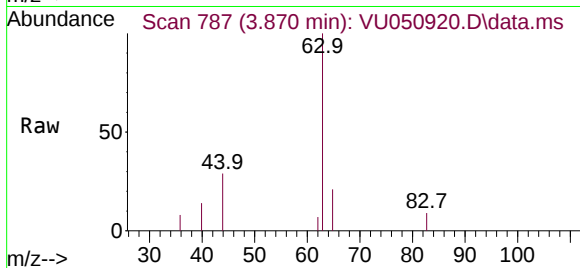
Acq: 23 Sep 2022 15:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	3572
Ion	Ratio	Lower	Upper
63	100		
65	21.0	21.5	39.9#
83	8.7	9.3	17.3#



#20

cis-1,2-Dichloroethene

Concen: 1.522 ug/L

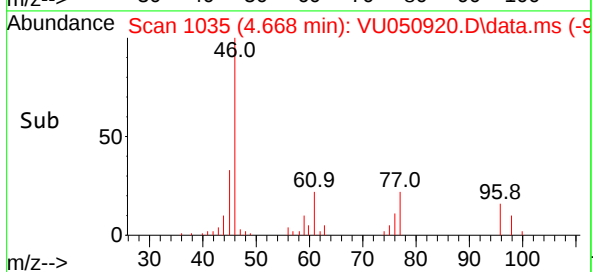
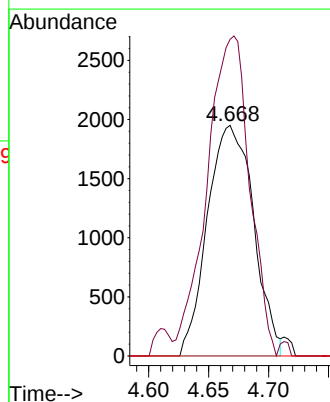
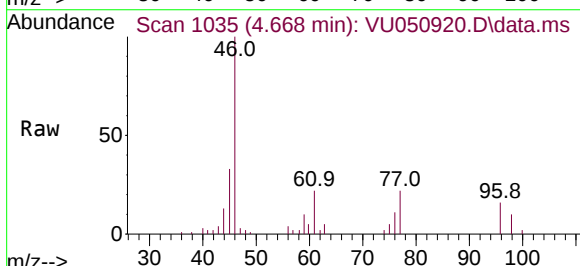
RT: 4.668 min Scan# 1035

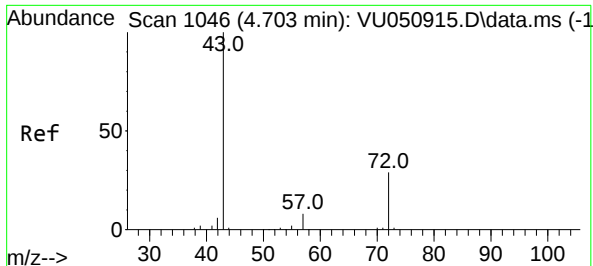
Delta R.T. 0.003 min

Lab File: VU050920.D

Acq: 23 Sep 2022 15:18

Tgt Ion:	96	Resp:	5221
Ion	Ratio	Lower	Upper
96	100		
61	137.3	90.1	167.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 1.803 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VU050920.D

Acq: 23 Sep 2022 15:18

Instrument :

MSVOA_U

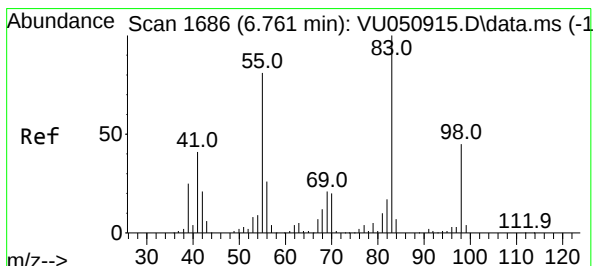
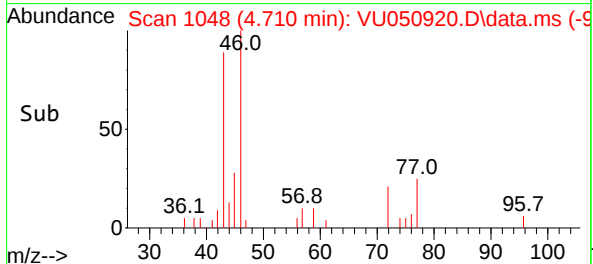
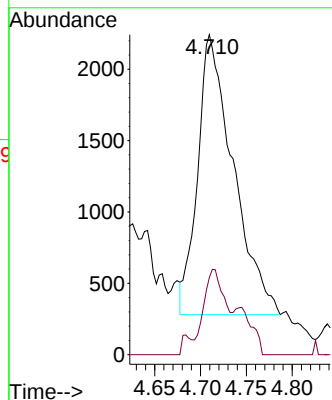
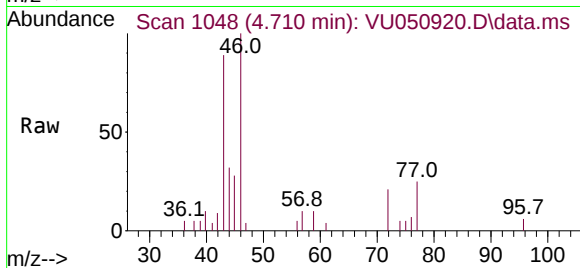
ClientSampleId :

Tgt Ion: 43 Resp: 5285

Ion Ratio Lower Upper

43 100

72 14.9 14.8 44.3



#35

Methylcyclohexane

Concen: 1.073 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU050920.D

Acq: 23 Sep 2022 15:18

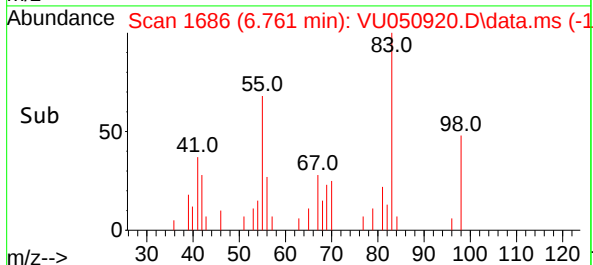
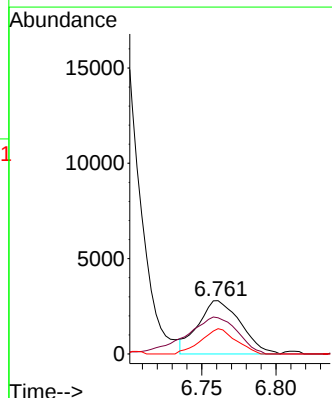
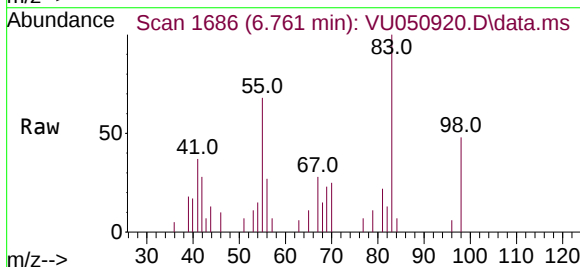
Tgt Ion: 83 Resp: 5536

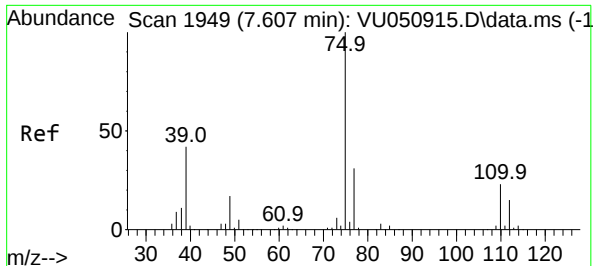
Ion Ratio Lower Upper

83 100

55 84.0 64.7 97.1

98 38.8 35.2 52.8





#39

cis-1,3-Dichloropropene

Concen: 0.962 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050920.D

Acq: 23 Sep 2022 15:18

Instrument :

MSVOA_U

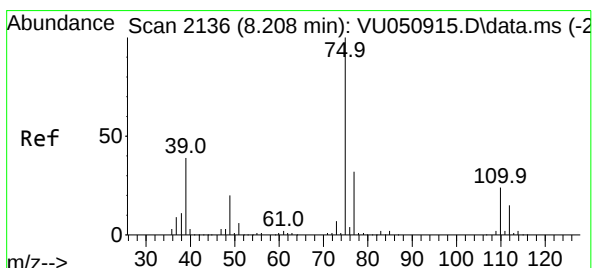
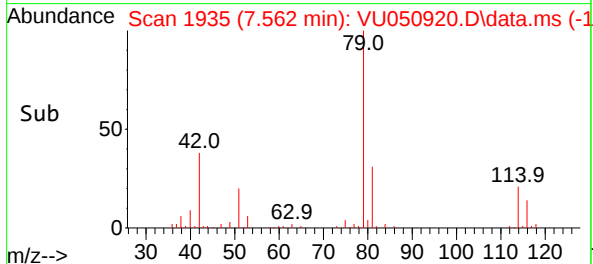
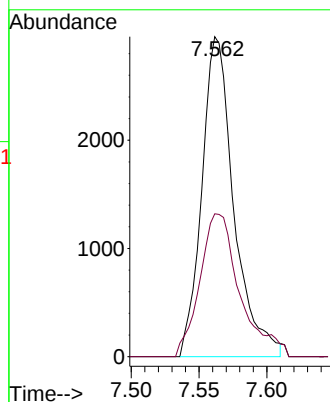
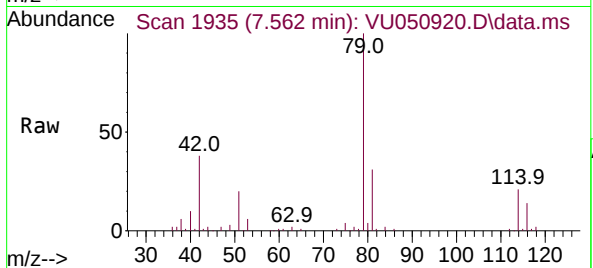
ClientSampleId :

Tgt Ion: 75 Resp: 4856

Ion Ratio Lower Upper

75 100

77 44.6 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.780 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU050920.D

Acq: 23 Sep 2022 15:18

Tgt Ion: 75 Resp: 3746

Ion Ratio Lower Upper

75 100

77 37.9 21.9 40.7

