

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050431.D
 Acq On : 24 Aug 2022 17:36
 Operator : SY/MD
 Sample : N4322-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:32:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

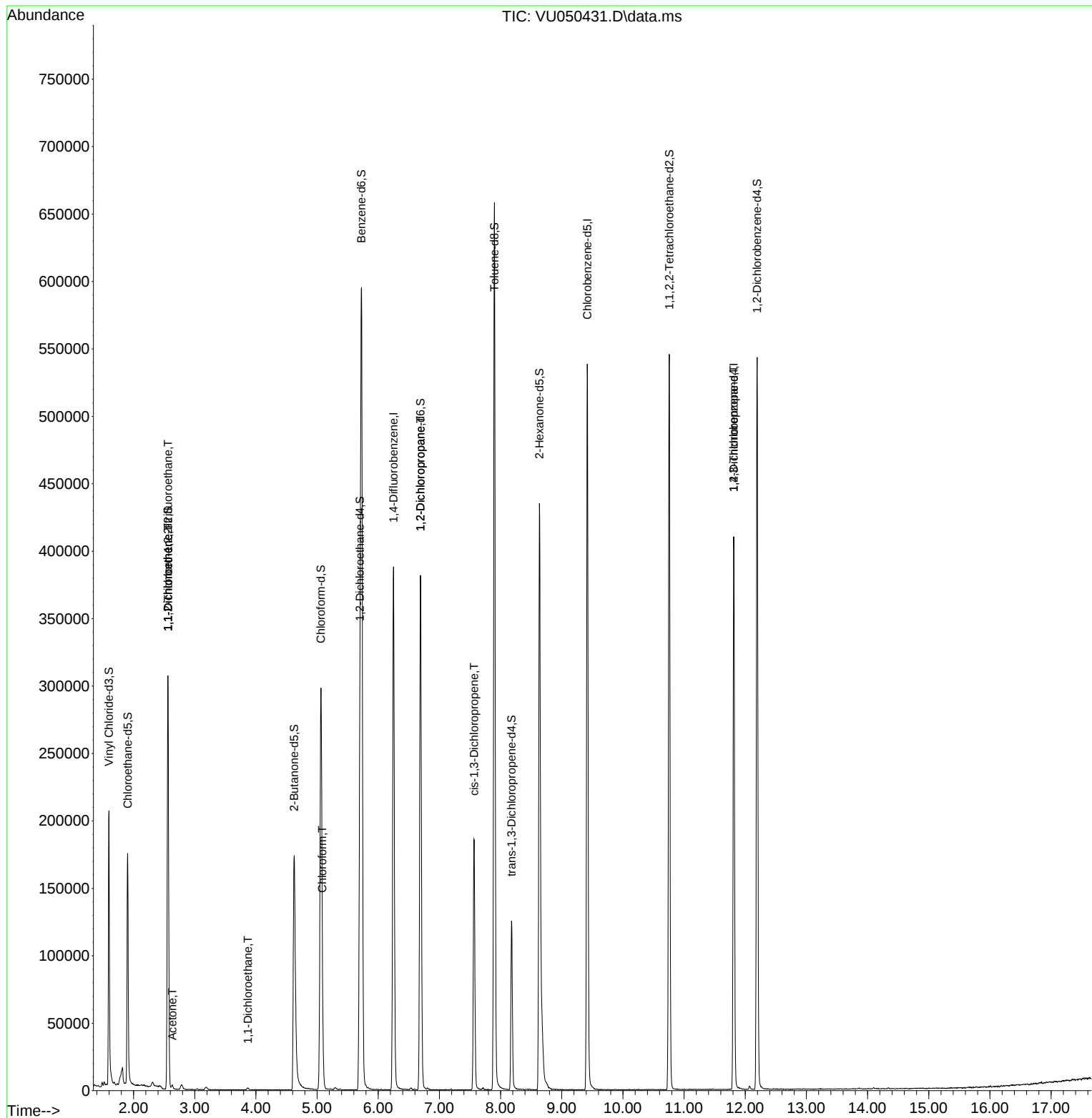
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	306757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111376	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	158441	42.355	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.720%	
7) Chloroethane-d5	1.903	69	132805	47.979	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.960%	
11) 1,1-Dichloroethene-d2	2.562	63	181365	34.307	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.620%	
21) 2-Butanone-d5	4.626	46	255456	104.332	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.330%	
24) Chloroform-d	5.063	84	277308	46.180	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.360%	
26) 1,2-Dichloroethane-d4	5.700	65	182818	48.986	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.980%	
32) Benzene-d6	5.726	84	559628	49.374	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.740%	
36) 1,2-Dichloropropane-d6	6.690	67	189466	50.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.920%	
41) Toluene-d8	7.899	98	446123	44.981	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.960%	
43) trans-1,3-Dichloroprop...	8.179	79	71906	45.908	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.820%	
47) 2-Hexanone-d5	8.635	63	141891	101.826	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.830%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	278945	48.164	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.320%	
66) 1,2-Dichlorobenzene-d4	12.195	152	145164	54.562	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.120%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1724	0.785	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1390	0.716	ug/L #	1
13) Acetone	2.632	43	3701	2.299	ug/L	85
19) 1,1-Dichloroethane	3.870	63	1944	0.440	ug/L	89
25) Chloroform	5.086	83	25144	5.340	ug/L	98
37) 1,2-Dichloropropane	6.690	63	19416	7.197	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	4482	1.265	ug/L #	69
60) 1,2,3-Trichloropropane	11.812	75	13563	4.726	ug/L #	68

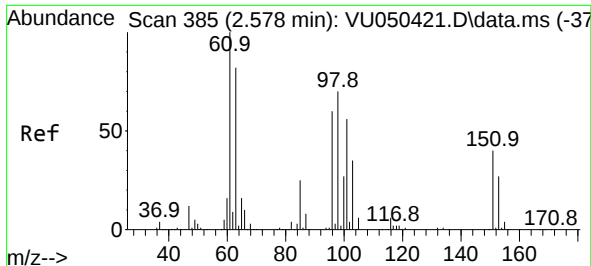
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 25 05:03:52 2022
Response via : Initial Calibration





#10

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

Concen: 0.785 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

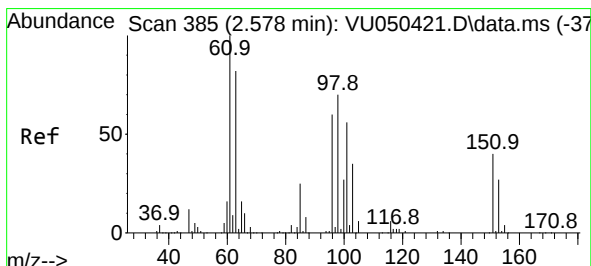
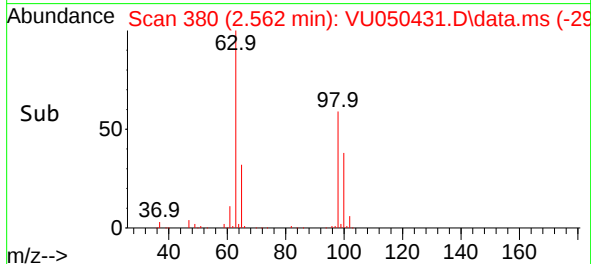
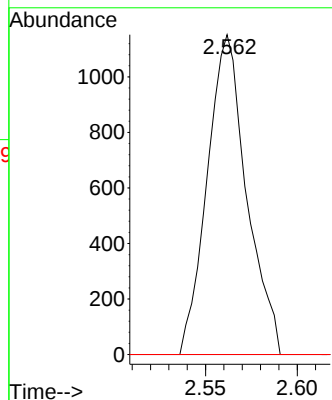
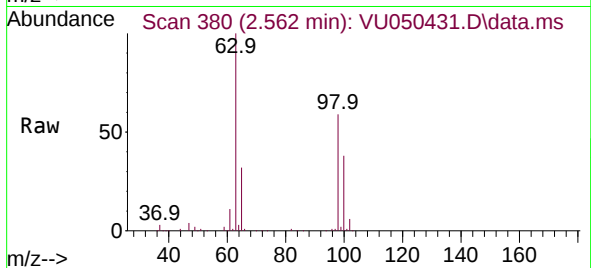
Tgt Ion:101 Resp: 1724

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 57.3 85.9#



#12

1,1-Dichloroethene

Concen: 0.716 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

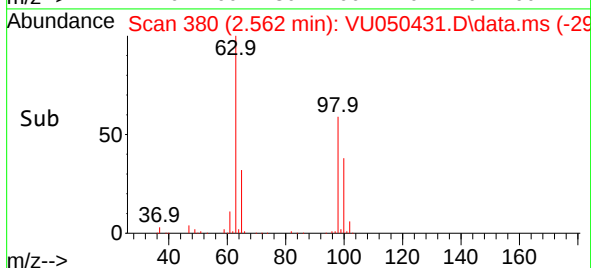
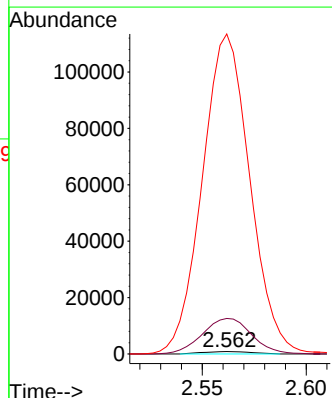
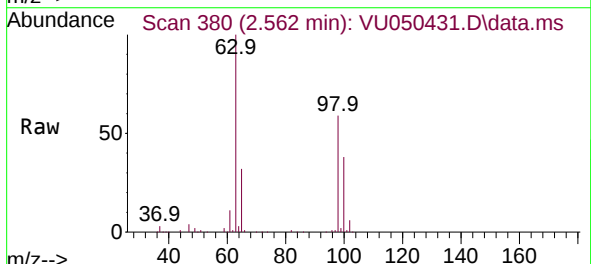
Tgt Ion: 96 Resp: 1390

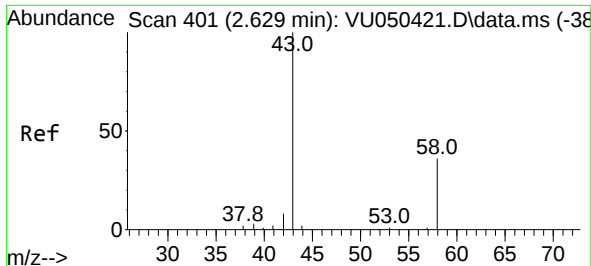
Ion Ratio Lower Upper

96 100

61 1505.7 116.8 216.8#

63 13591.4 97.4 180.8#





#13

Acetone

Concen: 2.299 ug/L

RT: 2.632 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

Instrument :

MSVOA_U

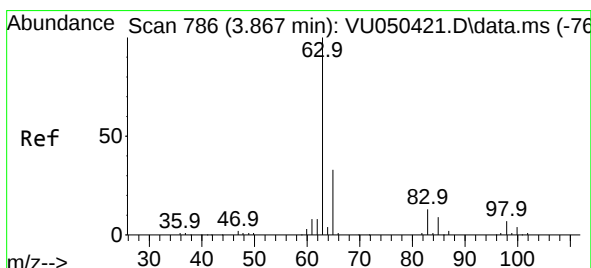
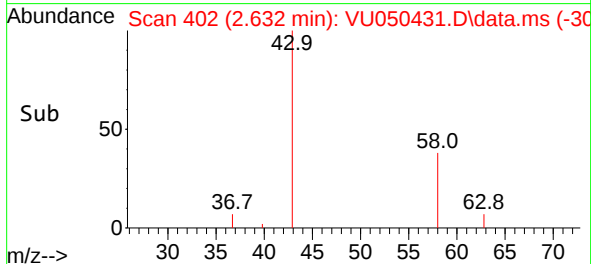
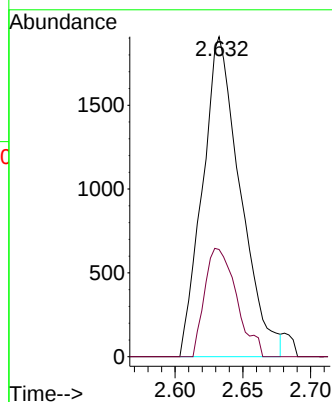
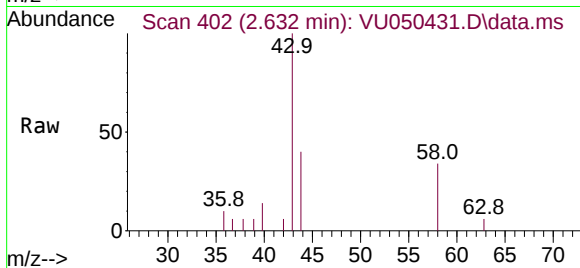
ClientSampleId :

Tgt Ion: 43 Resp: 3701

Ion Ratio Lower Upper

43 100

58 27.2 0.0 72.2



#19

1,1-Dichloroethane

Concen: 0.440 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

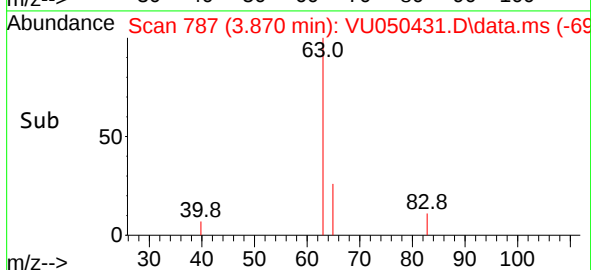
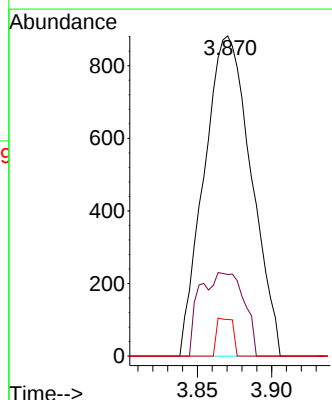
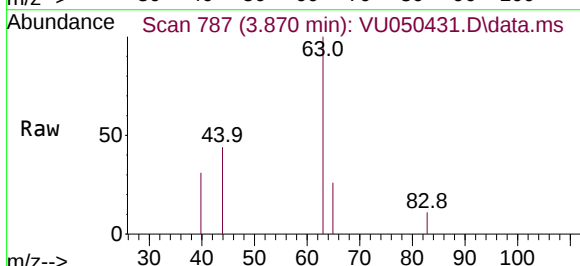
Tgt Ion: 63 Resp: 1944

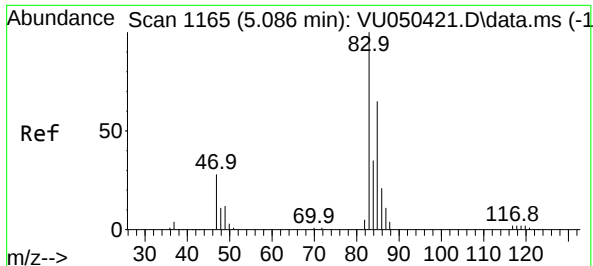
Ion Ratio Lower Upper

63 100

65 25.5 23.3 43.3

83 11.5 9.0 16.8





#25

Chloroform

Concen: 5.340 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

Instrument :

MSVOA_U

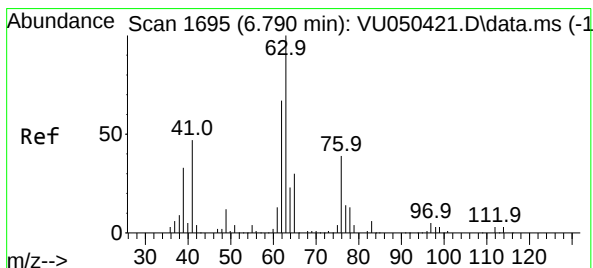
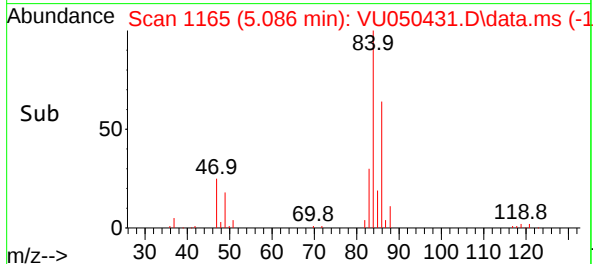
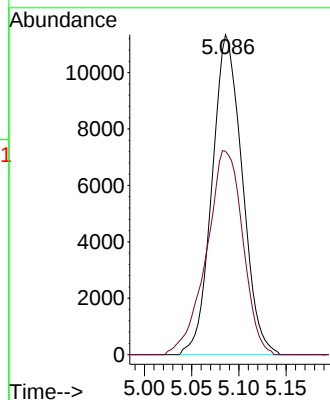
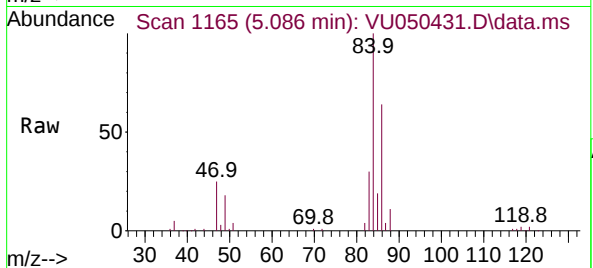
ClientSampleId :

Tgt Ion: 83 Resp: 25144

Ion Ratio Lower Upper

83 100

85 63.6 45.7 84.9



#37

1,2-Dichloropropane

Concen: 7.197 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU050431.D

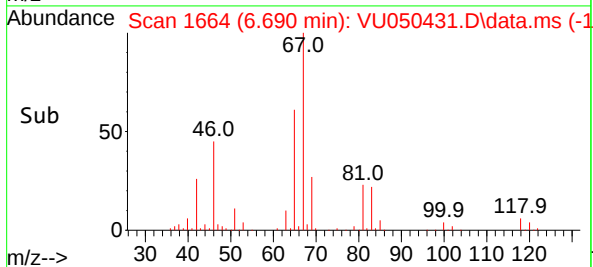
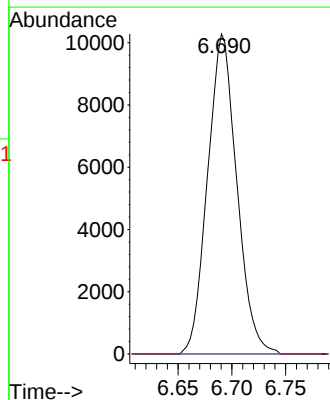
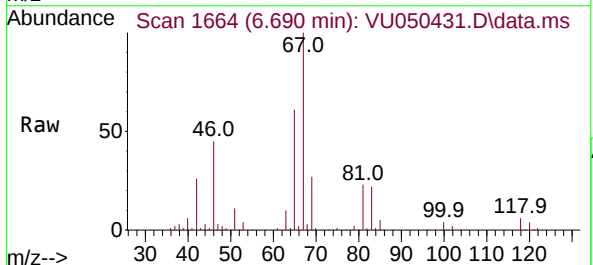
Acq: 24 Aug 2022 17:36

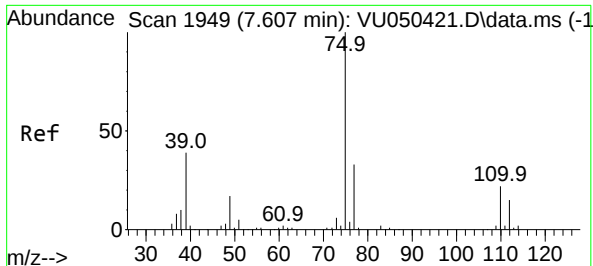
Tgt Ion: 63 Resp: 19416

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.265 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

Instrument :

MSVOA_U

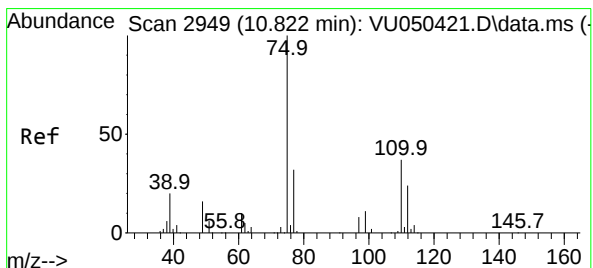
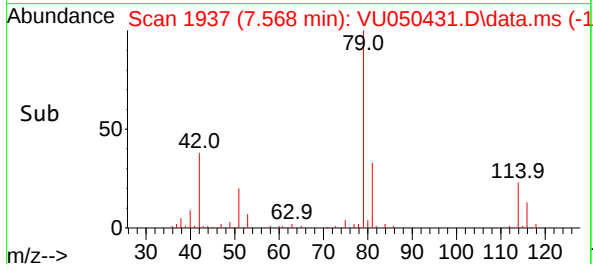
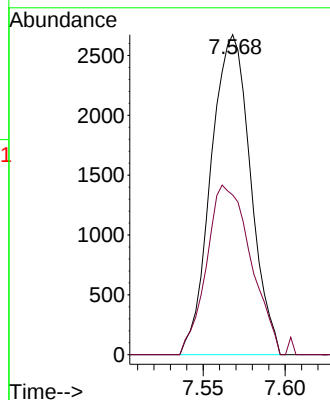
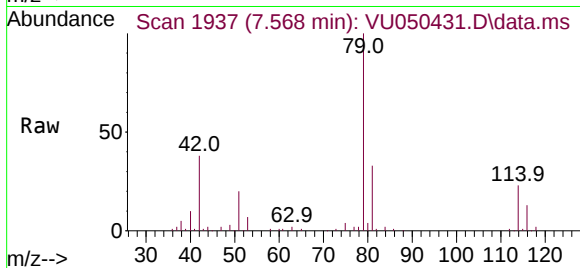
ClientSampleId :

Tgt Ion: 75 Resp: 4482

Ion Ratio Lower Upper

75 100

77 49.9 22.8 42.4#



#60

1,2,3-Trichloropropane

Concen: 4.726 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050431.D

Acq: 24 Aug 2022 17:36

Tgt Ion: 75 Resp: 13563

Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5

110 1.9 29.0 43.4#

