

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048223.D
 Acq On : 22 Apr 2022 14:34
 Operator : SY/MD
 Sample : N2485-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:02:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

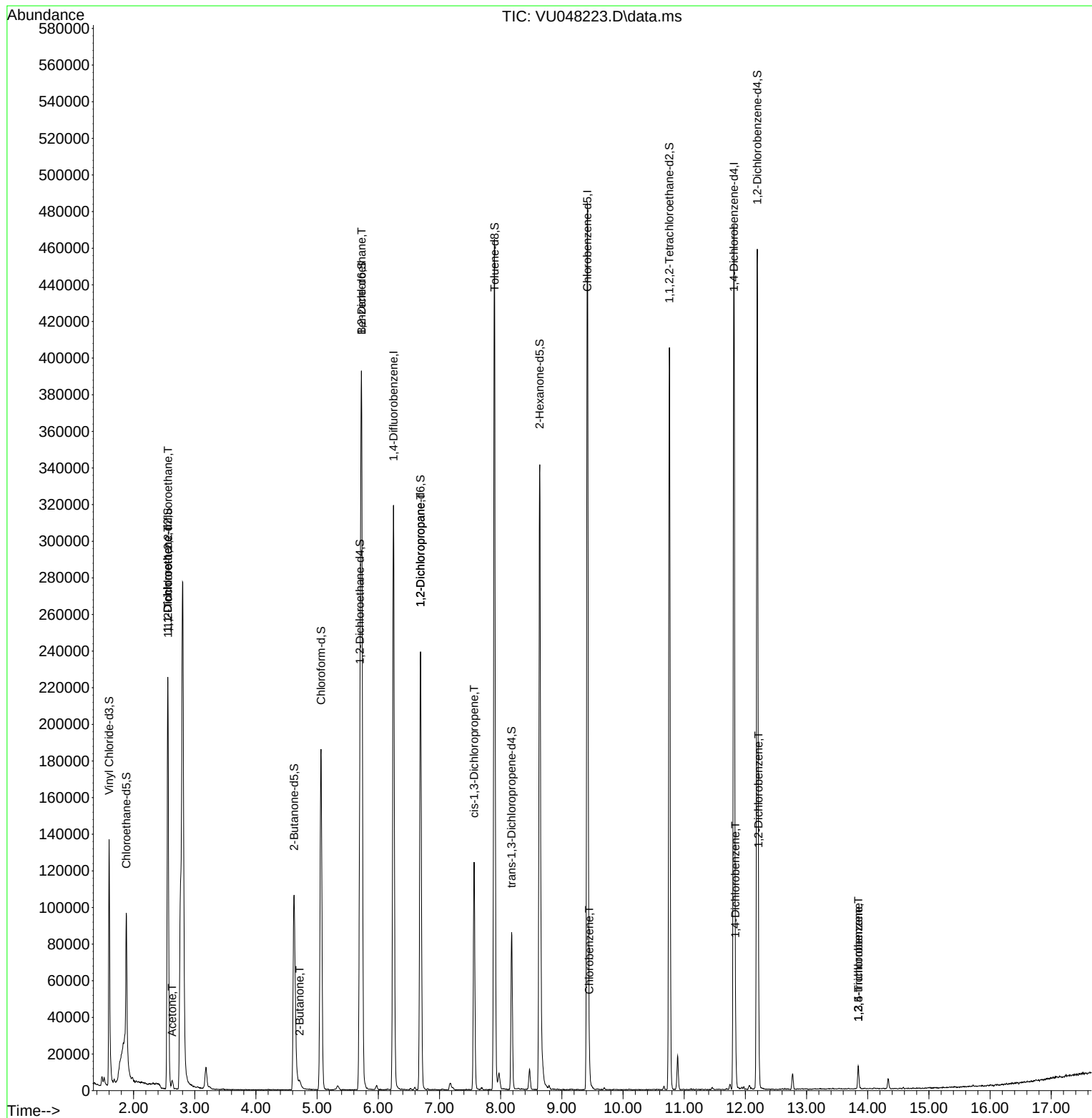
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	270269	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	286071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	137891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108032	55.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.240%
7) Chloroethane-d5	1.880	69	81544	52.766	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.540%
11) 1,1-Dichloroethene-d2	2.559	63	133465	37.220	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.440%
21) 2-Butanone-d5	4.623	46	167291	99.446	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.450%
24) Chloroform-d	5.063	84	175997	49.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
26) 1,2-Dichloroethane-d4	5.700	65	111197	50.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
32) Benzene-d6	5.726	84	372258	51.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.420%
36) 1,2-Dichloropropane-d6	6.690	67	119298	53.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.920%
41) Toluene-d8	7.899	98	314525	44.847	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
43) trans-1,3-Dichloroprop...	8.179	79	49494	44.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.380%
47) 2-Hexanone-d5	8.636	63	121803	94.119	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200927	52.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	130283	53.107	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.220%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1292	0.649	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	976	0.526	ug/L #	1
13) Acetone	2.629	43	4948	3.161	ug/L	99
22) 2-Butanone	4.713	43	6835	3.389	ug/L #	67
27) 1,2-Dichloroethane	5.726	62	1853	0.646	ug/L #	75
37) 1,2-Dichloropropane	6.690	63	12213	5.802	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2605	0.798	ug/L #	43
51) Chlorobenzene	9.449	112	7109	1.152	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	9706	2.262	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	10202	2.462	ug/L	98
69) 1,3,5-Trichlorobenzene	13.844	180	4858	1.444	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	4858	1.649	ug/L	97

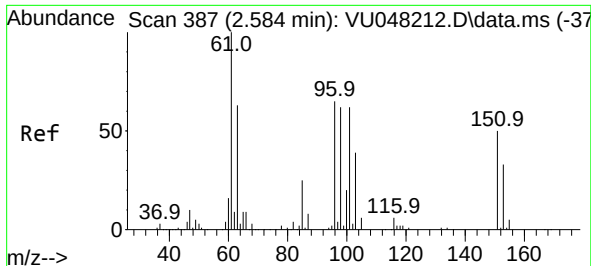
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048223.D
Acq On : 22 Apr 2022 14:34
Operator : SY/MD
Sample : N2485-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 22:02:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration





#10

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

Concen: 0.649 ug/L

RT: 2.562 min Scan# 310

Delta R.T. -0.022 min

Lab File: VU048223.D

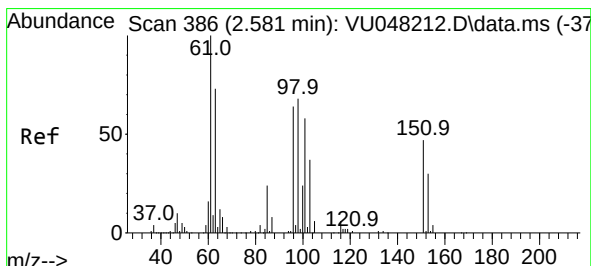
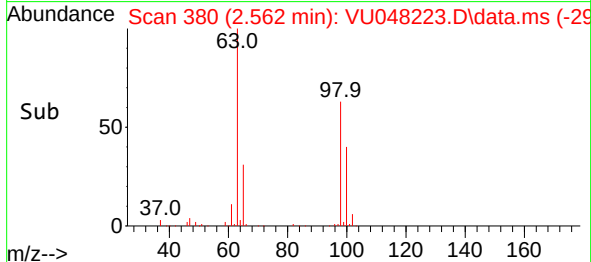
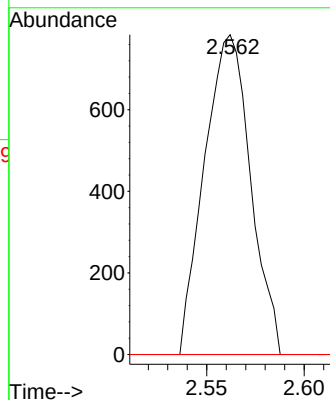
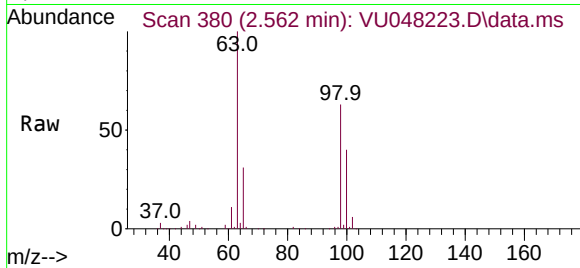
Acq: 22 Apr 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1292
Ion Ratio	Lower	Upper	
101	100		
85	0.0	32.8	49.2#
151	0.0	63.0	94.6#



#12

1,1-Dichloroethene

Concen: 0.526 ug/L

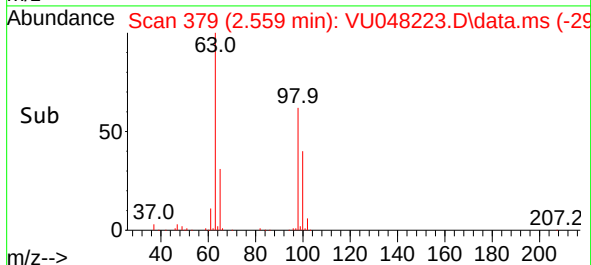
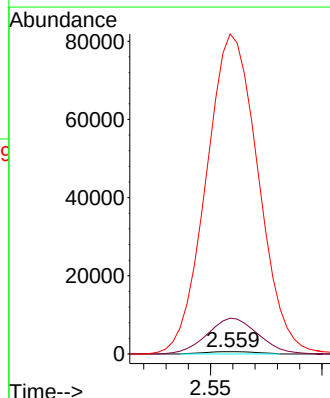
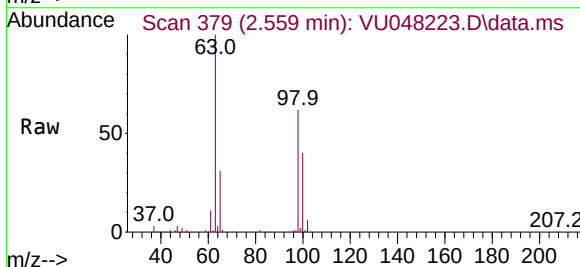
RT: 2.559 min Scan# 379

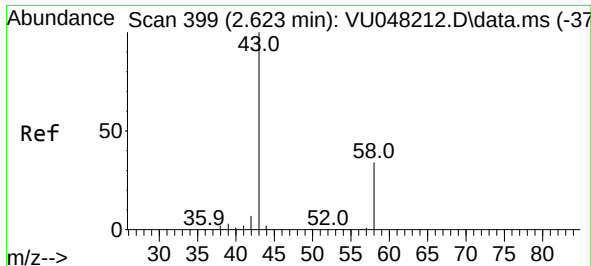
Delta R.T. -0.022 min

Lab File: VU048223.D

Acq: 22 Apr 2022 14:34

Tgt Ion:	96	Resp:	976
Ion Ratio	Lower	Upper	
96	100		
61	1549.9	113.1	210.1#
63	13851.8	94.8	176.0#





#13

Acetone

Concen: 3.161 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048223.D

Acq: 22 Apr 2022 14:34

Instrument :

MSVOA_U

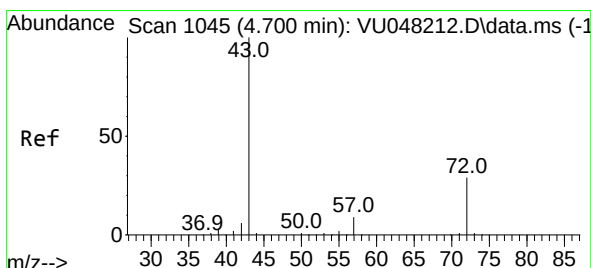
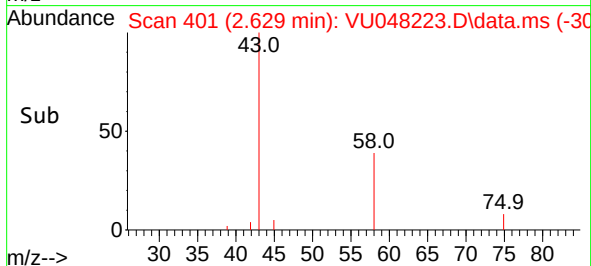
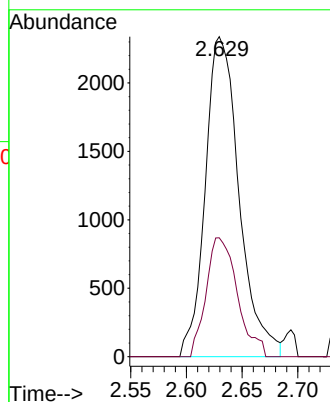
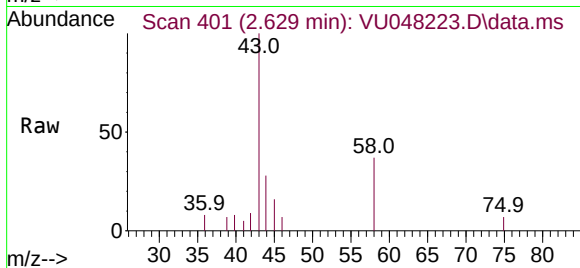
ClientSampleId :

Tgt Ion: 43 Resp: 4948

Ion Ratio Lower Upper

43 100

58 34.2 0.0 70.0



#22

2-Butanone

Concen: 3.389 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU048223.D

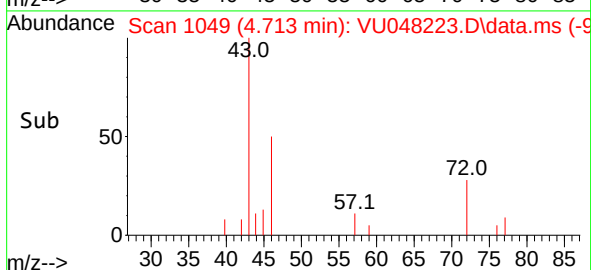
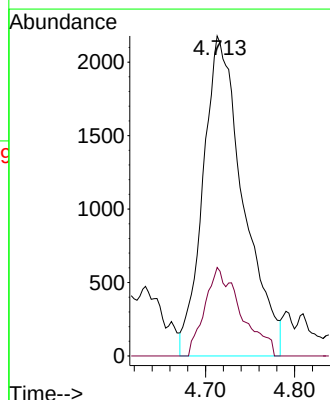
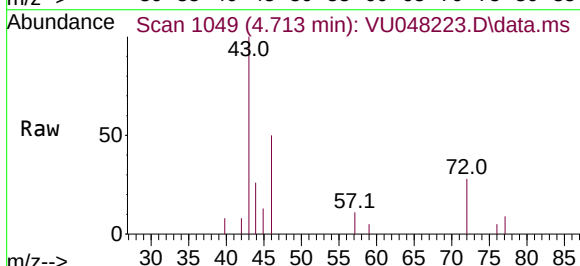
Acq: 22 Apr 2022 14:34

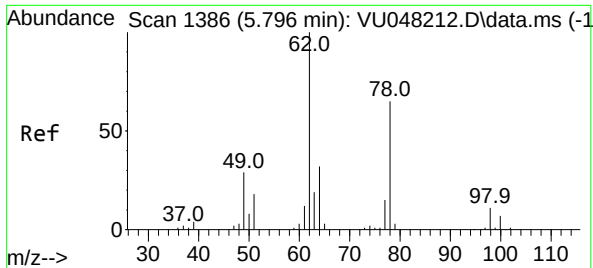
Tgt Ion: 43 Resp: 6835

Ion Ratio Lower Upper

43 100

72 13.8 16.0 47.9#





#27

1,2-Dichloroethane

Concen: 0.646 ug/L

RT: 5.726 min Scan# 11

Delta R.T. -0.071 min

Lab File: VU048223.D

Acq: 22 Apr 2022 14:34

Instrument :

MSVOA_U

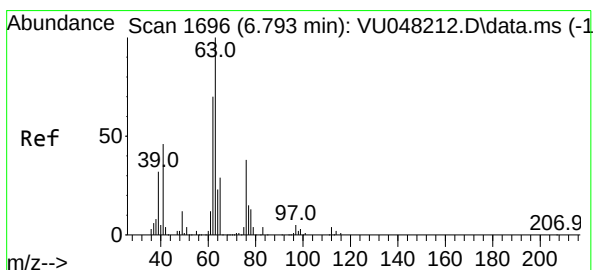
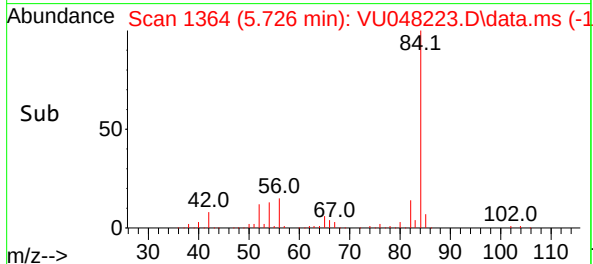
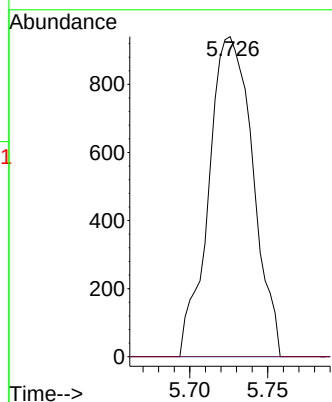
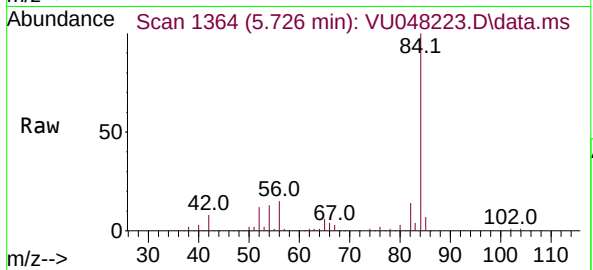
ClientSampleId :

Tgt Ion: 62 Resp: 1853

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#37

1,2-Dichloropropane

Concen: 5.802 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048223.D

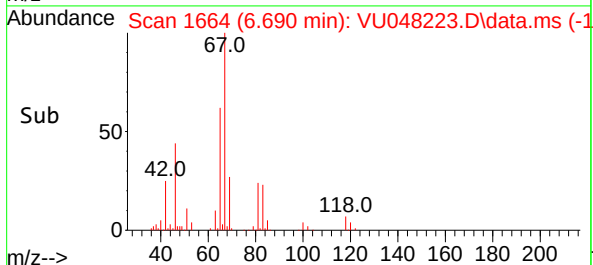
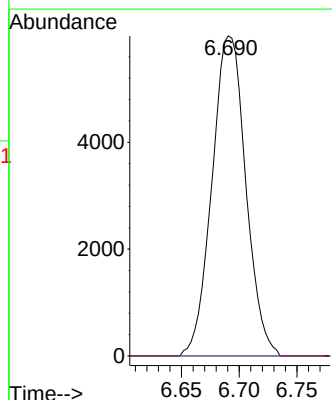
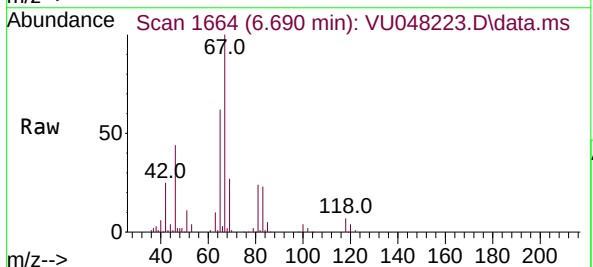
Acq: 22 Apr 2022 14:34

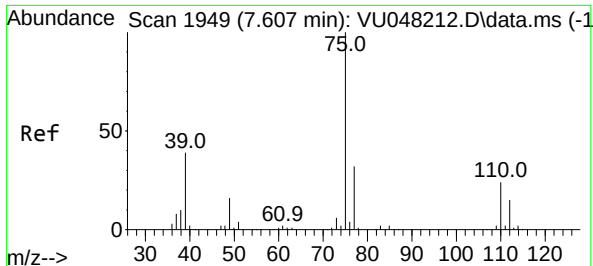
Tgt Ion: 63 Resp: 12213

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048223.D

Acq: 22 Apr 2022 14:34

Instrument :

MSVOA_U

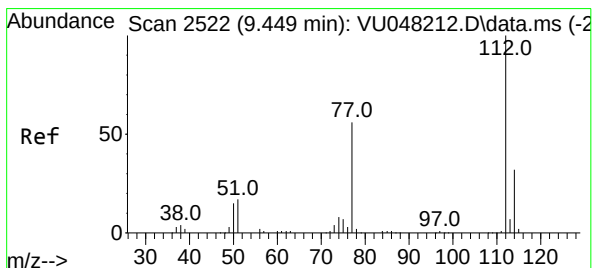
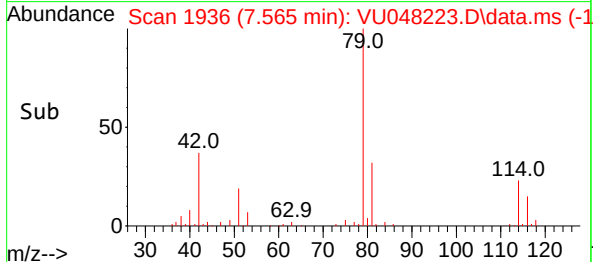
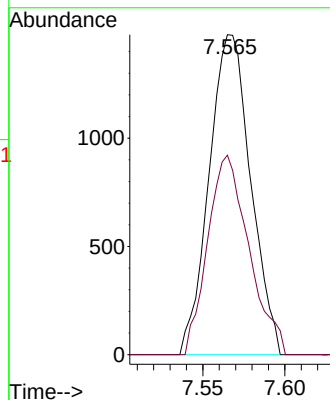
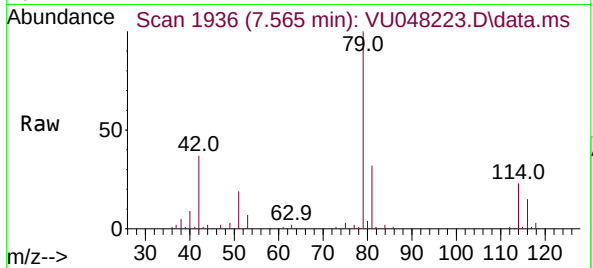
ClientSampleId :

Tgt Ion: 75 Resp: 2605

Ion Ratio Lower Upper

75 100

77 62.4 21.8 40.6#



#51

Chlorobenzene

Concen: 1.152 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU048223.D

Acq: 22 Apr 2022 14:34

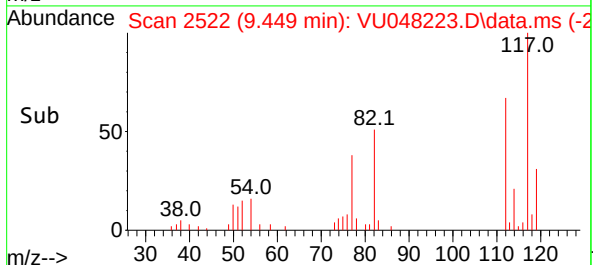
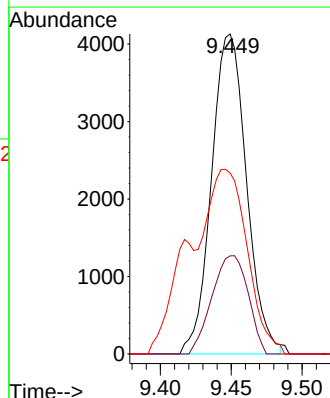
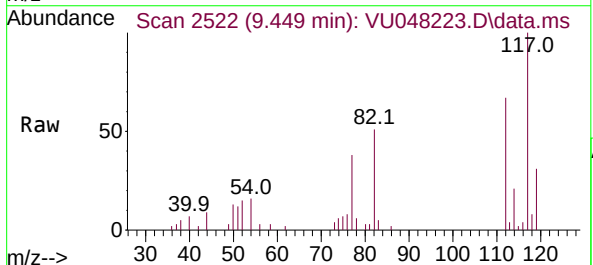
Tgt Ion: 112 Resp: 7109

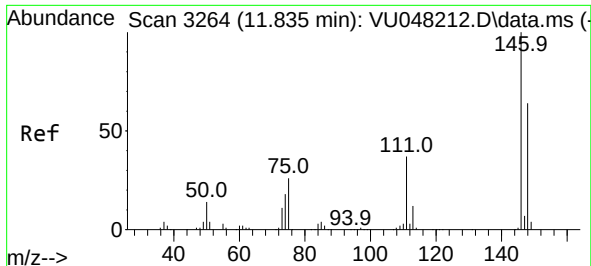
Ion Ratio Lower Upper

112 100

114 30.7 22.1 41.1

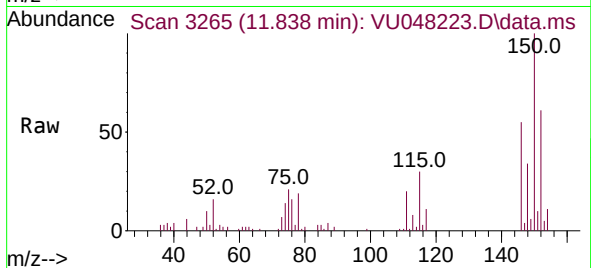
77 56.5 43.4 65.0



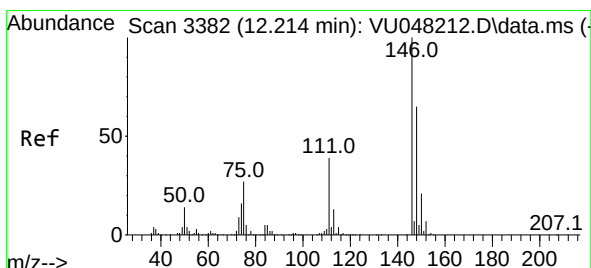
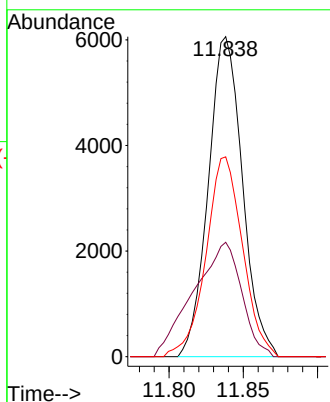
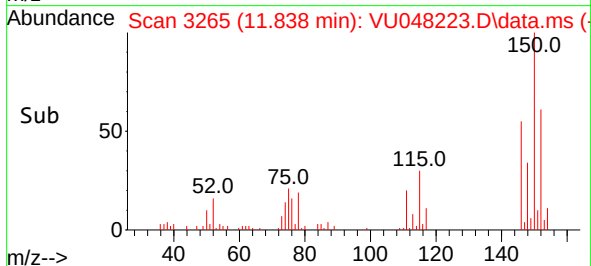


#65
1,4-Dichlorobenzene
Concen: 2.262 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048223.D
Acq: 22 Apr 2022 14:34

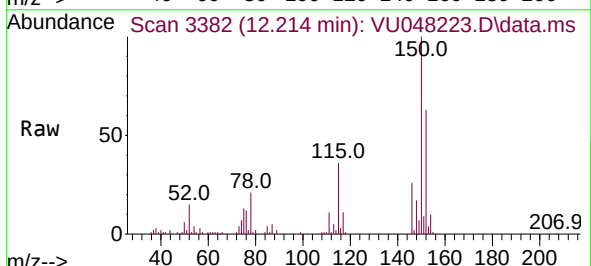
Instrument :
MSVOA_U
ClientSampleId :



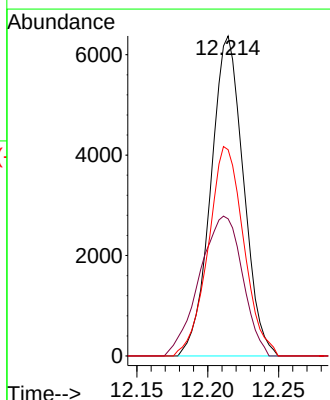
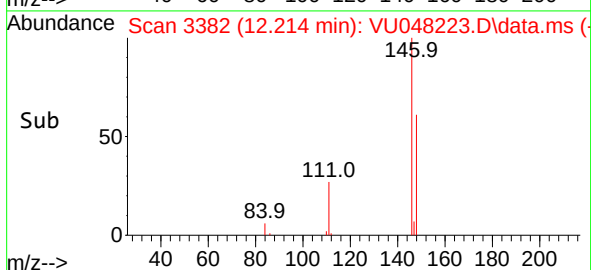
Tgt Ion:146 Resp: 9706
Ion Ratio Lower Upper
146 100
111 35.8 25.3 47.1
148 62.5 44.5 82.7

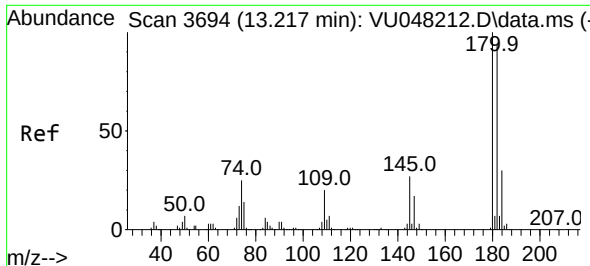


#67
1,2-Dichlorobenzene
Concen: 2.462 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048223.D
Acq: 22 Apr 2022 14:34



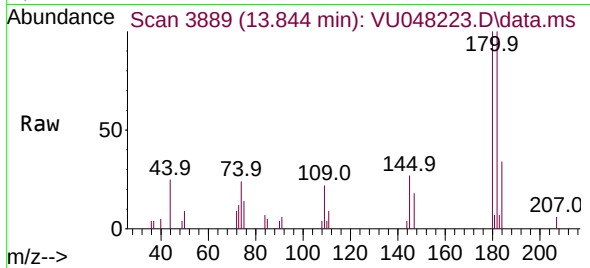
Tgt Ion:146 Resp: 10202
Ion Ratio Lower Upper
146 100
111 42.9 31.7 47.5
148 64.5 51.4 77.2



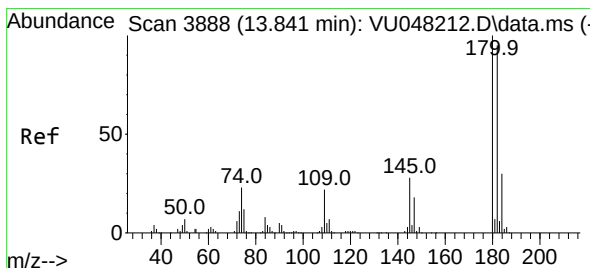
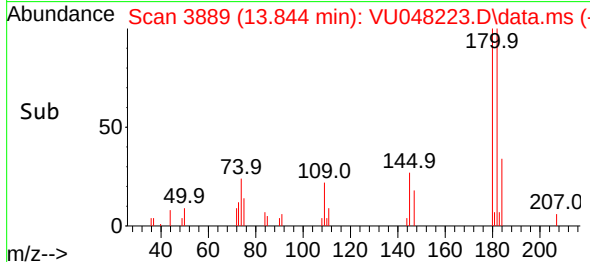
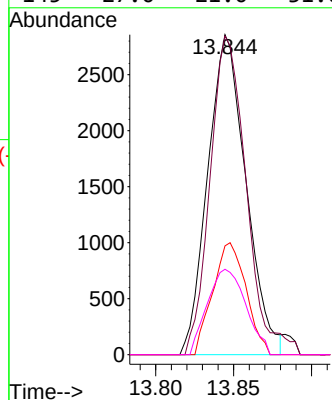


#69
 1,3,5-Trichlorobenzene
 Concen: 1.444 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.627 min
 Lab File: VU048223.D
 Acq: 22 Apr 2022 14:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4858
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.0 115.6
 184 30.6 24.5 36.7
 145 27.0 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 1.649 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU048223.D
 Acq: 22 Apr 2022 14:34

Tgt Ion:180 Resp: 4858
 Ion Ratio Lower Upper
 180 100
 182 92.0 76.2 114.2
 145 27.0 21.8 32.8

