

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048228.D
 Acq On : 22 Apr 2022 16:33
 Operator : SY/MD
 Sample : N2486-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:03:15 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)

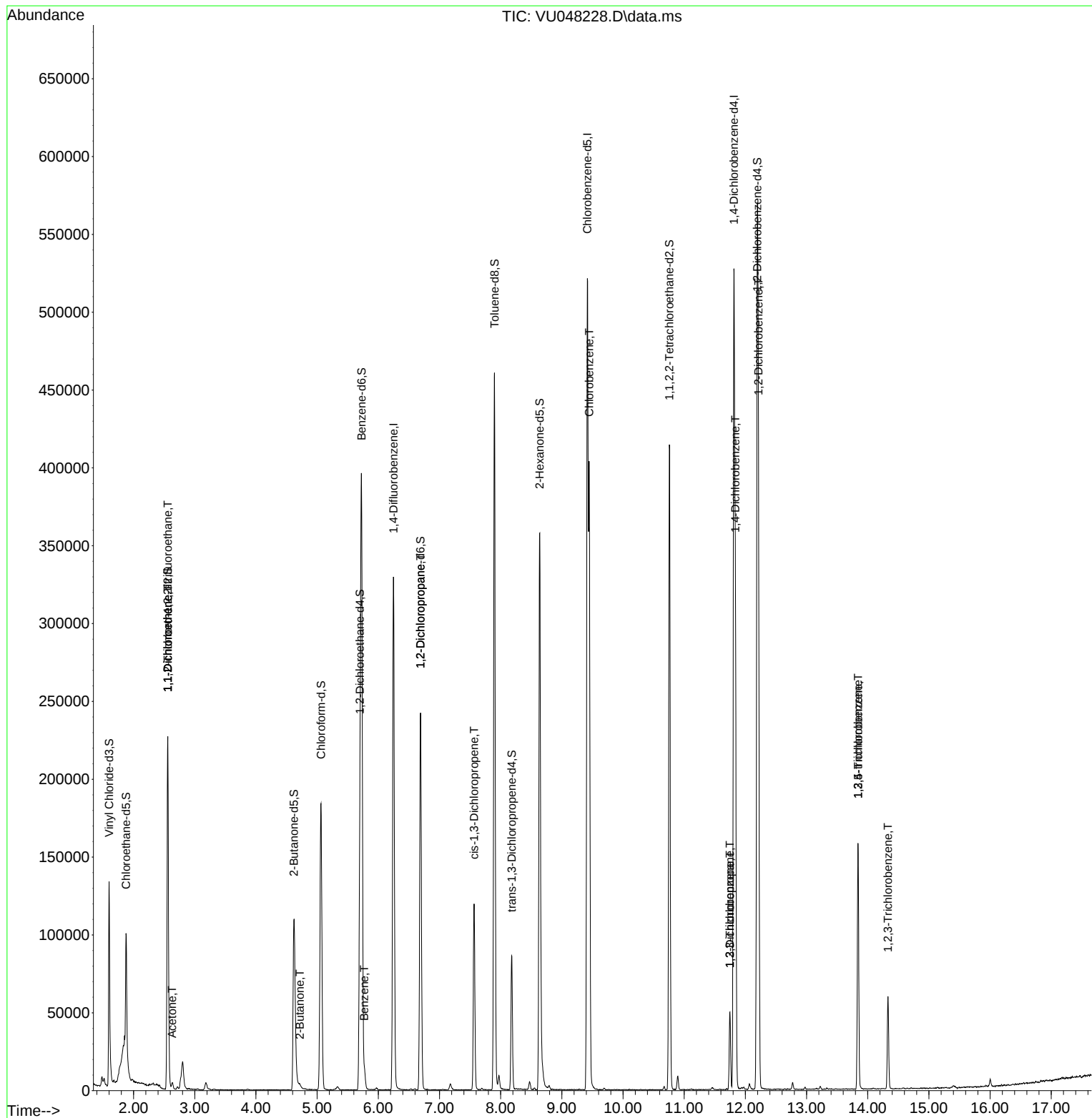
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	283331	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	301400	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145334	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108168	52.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.300%
7) Chloroethane-d5	1.877	69	82977	51.218	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.440%
11) 1,1-Dichloroethene-d2	2.559	63	131985	35.111	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.220%
21) 2-Butanone-d5	4.620	46	169075	95.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.870%
24) Chloroform-d	5.063	84	178454	47.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
26) 1,2-Dichloroethane-d4	5.700	65	115253	49.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
32) Benzene-d6	5.726	84	367613	48.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
36) 1,2-Dichloropropane-d6	6.690	67	123071	52.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.680%
41) Toluene-d8	7.899	98	312801	42.333	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.660%
43) trans-1,3-Dichloroprop...	8.182	79	49222	41.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
47) 2-Hexanone-d5	8.636	63	125592	92.112	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.110%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210307	52.614	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	136488	52.787	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.580%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1381	0.661	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1085	0.558	ug/L #	1
13) Acetone	2.629	43	3990	2.431	ug/L	98
22) 2-Butanone	4.716	43	2147	1.016	ug/L #	66
33) Benzene	5.771	78	11148	1.278	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12122	5.466	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2817	0.819	ug/L #	71
51) Chlorobenzene	9.446	112	219613	33.789	ug/L	97
60) 1,2,3-Trichloropropane	11.748	75	6025	2.199	ug/L #	48
64) 1,3-Dichlorobenzene	11.748	146	22268	5.101	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	125925	27.847	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	147135	33.682	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	54591	15.397	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	54591	17.578	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	20291	6.517	ug/L	96

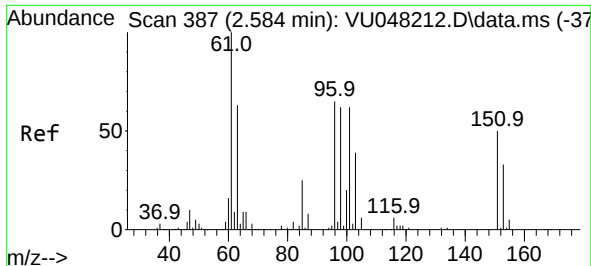
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048228.D
Acq On : 22 Apr 2022 16:33
Operator : SY/MD
Sample : N2486-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 22:03:15 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: 0.661 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.026 min

Lab File: VU048228.D

Acq: 22 Apr 2022 16:33

Instrument :

MSVOA_U

ClientSampleId :

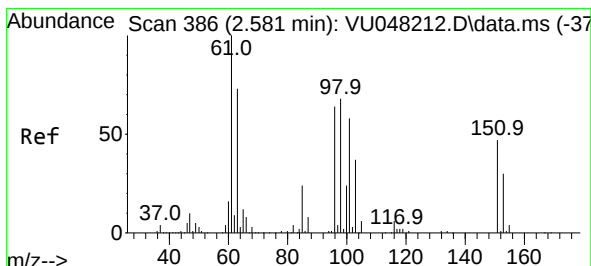
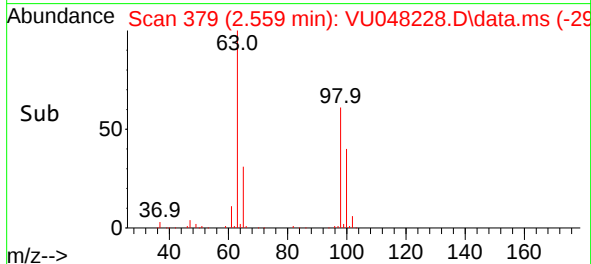
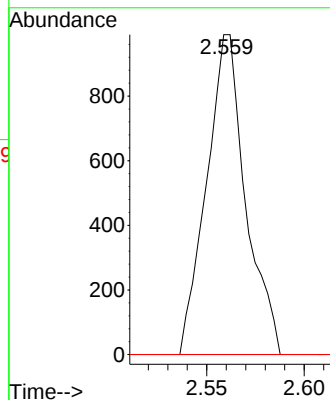
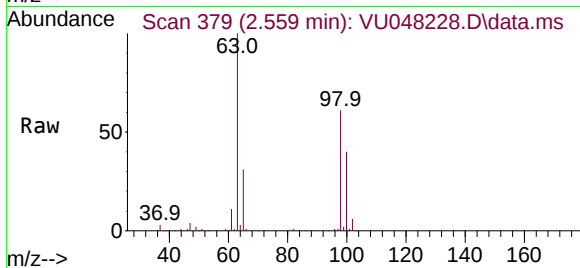
Tgt Ion:101 Resp: 1381

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: 0.558 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.022 min

Lab File: VU048228.D

Acq: 22 Apr 2022 16:33

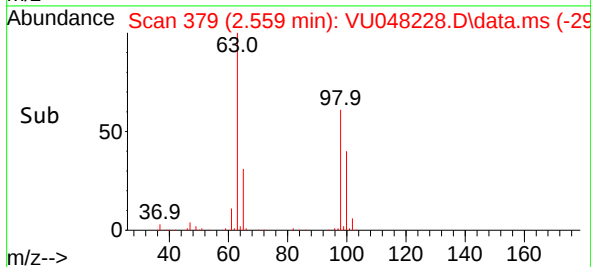
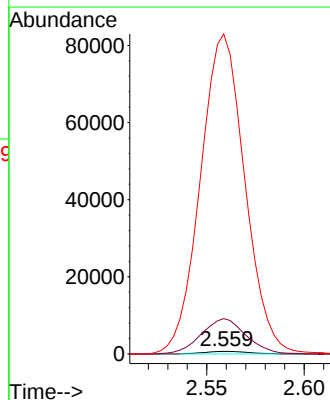
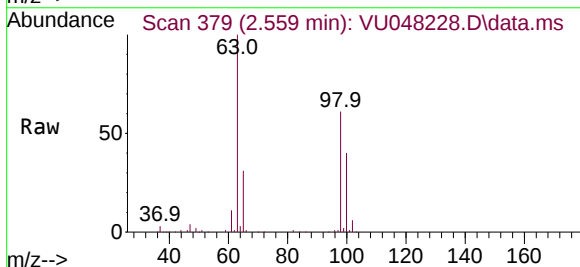
Tgt Ion: 96 Resp: 1085

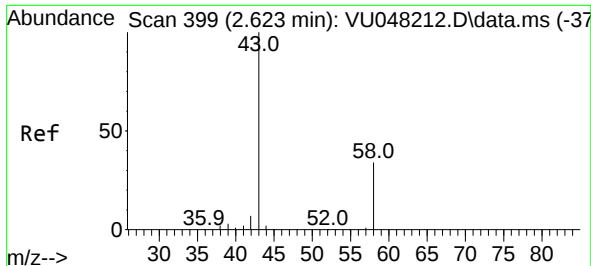
Ion Ratio Lower Upper

96 100

61 1349.9 113.1 210.1#

63 12237.2 94.8 176.0#





#13

Acetone

Concen: 2.431 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048228.D

Acq: 22 Apr 2022 16:33

Instrument :

MSVOA_U

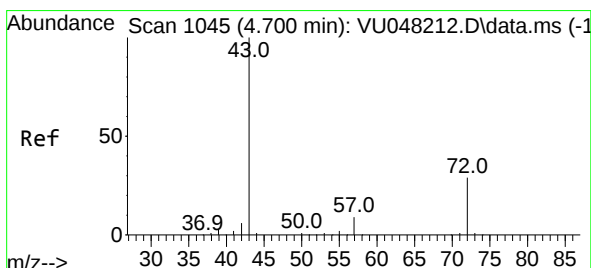
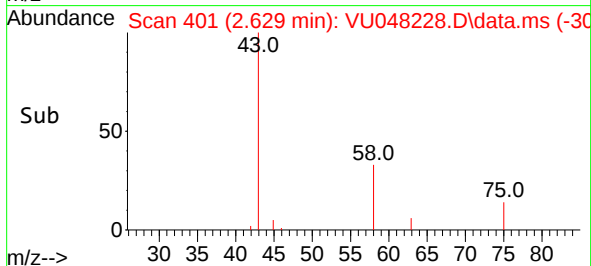
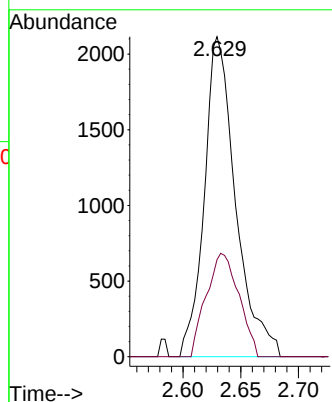
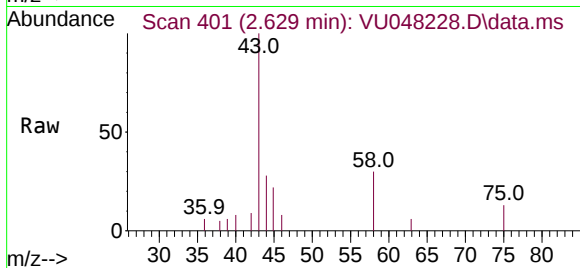
ClientSampleId :

Tgt Ion: 43 Resp: 3990

Ion Ratio Lower Upper

43 100

58 33.6 0.0 70.0



#22

2-Butanone

Concen: 1.016 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048228.D

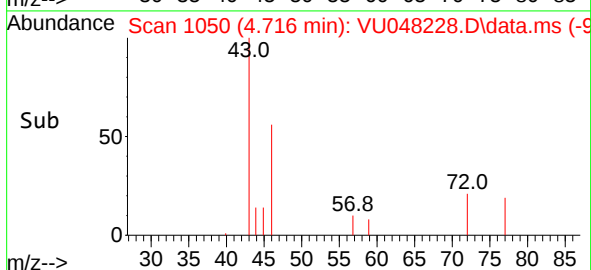
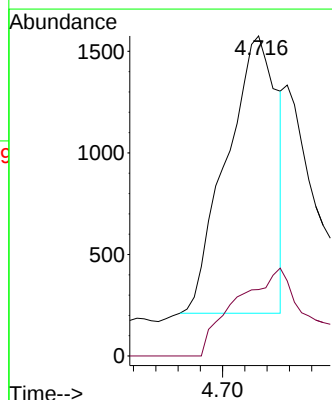
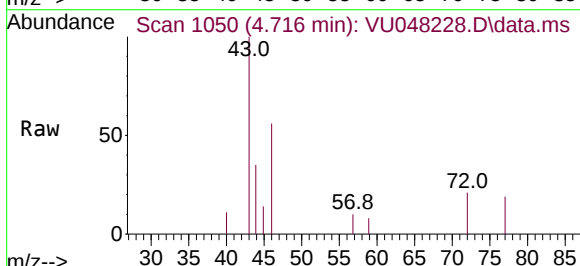
Acq: 22 Apr 2022 16:33

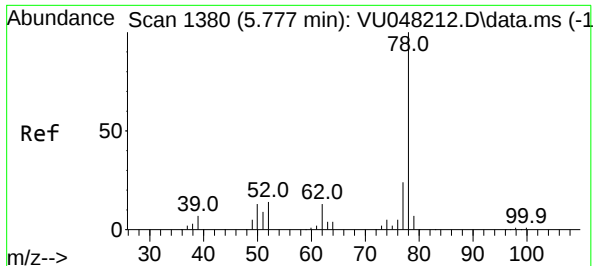
Tgt Ion: 43 Resp: 2147

Ion Ratio Lower Upper

43 100

72 13.0 16.0 47.9#

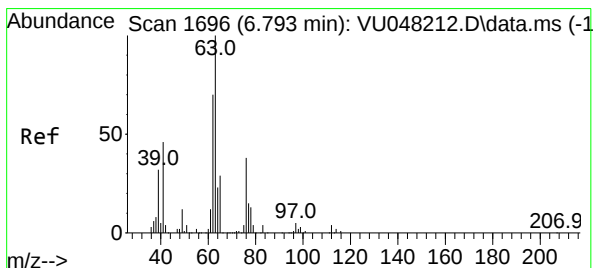
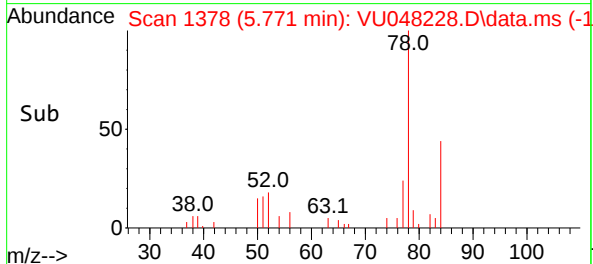
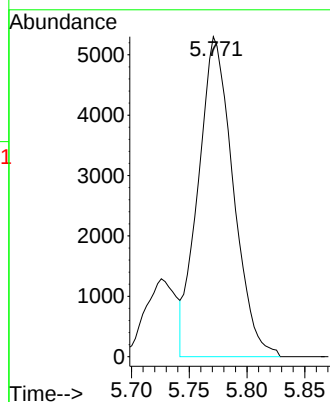
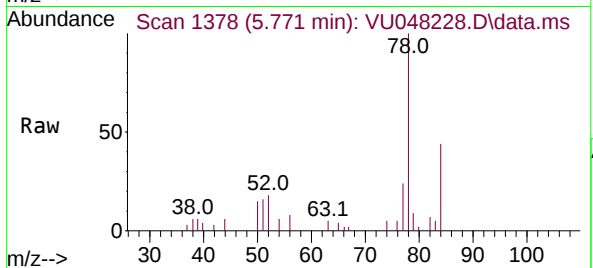




#33
Benzene
Concen: 1.278 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048228.D
Acq: 22 Apr 2022 16:33

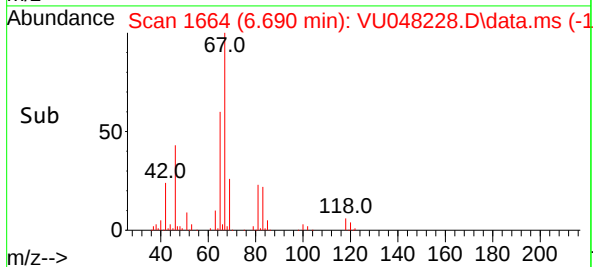
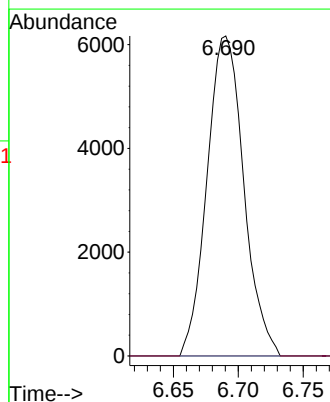
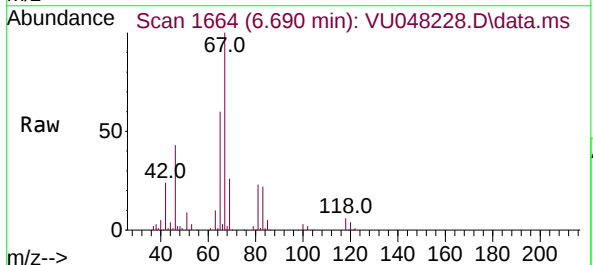
Instrument :
MSVOA_U
ClientSampleId :

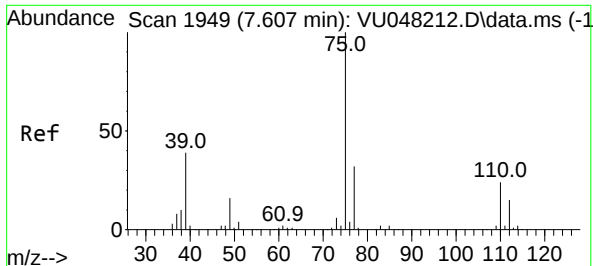
Tgt Ion: 78 Resp: 11148



#37
1,2-Dichloropropane
Concen: 5.466 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048228.D
Acq: 22 Apr 2022 16:33

Tgt Ion: 63 Resp: 12122
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048228.D

Acq: 22 Apr 2022 16:33

Instrument :

MSVOA_U

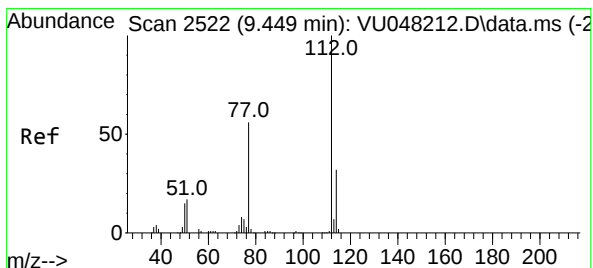
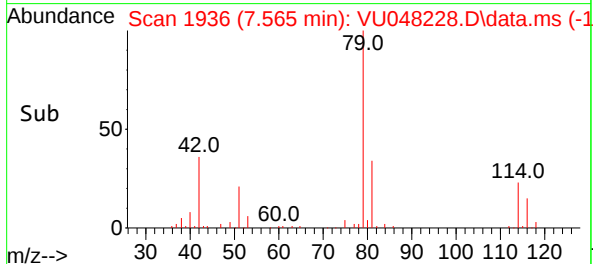
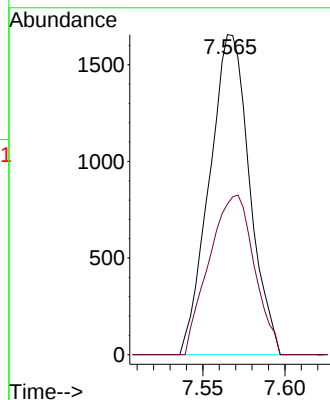
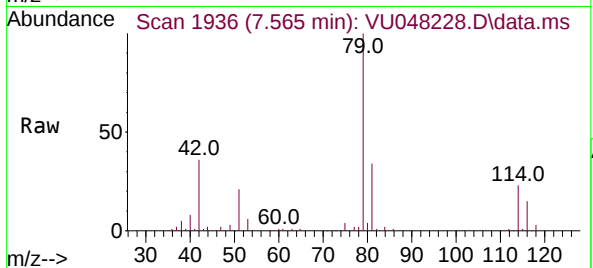
ClientSampleId :

Tgt Ion: 75 Resp: 2817

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#



#51

Chlorobenzene

Concen: 33.789 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048228.D

Acq: 22 Apr 2022 16:33

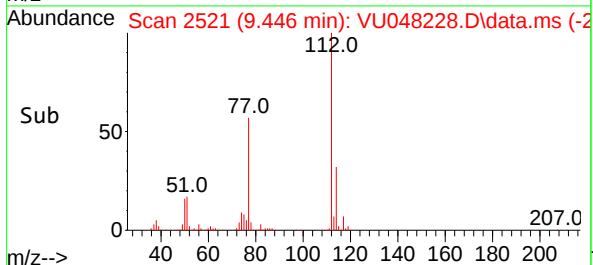
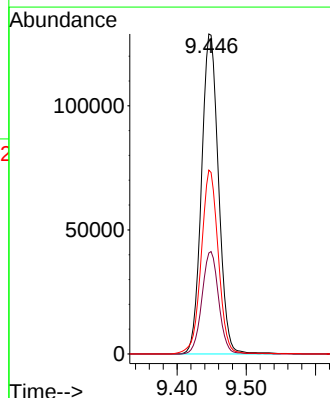
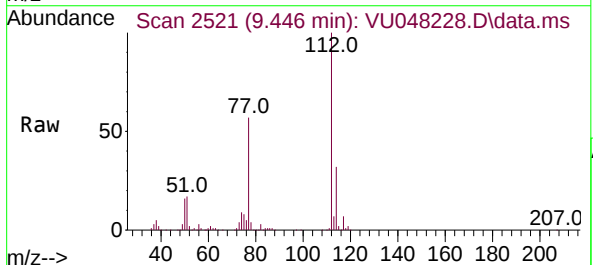
Tgt Ion: 112 Resp: 219613

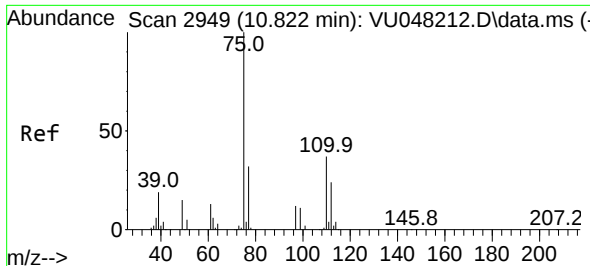
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

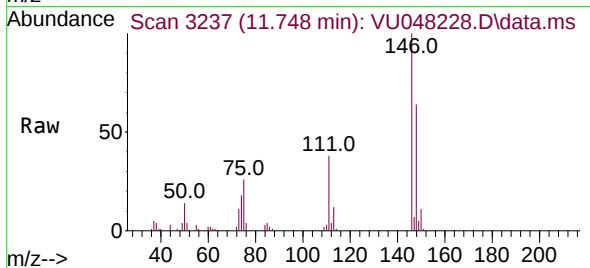
77 57.5 43.4 65.0



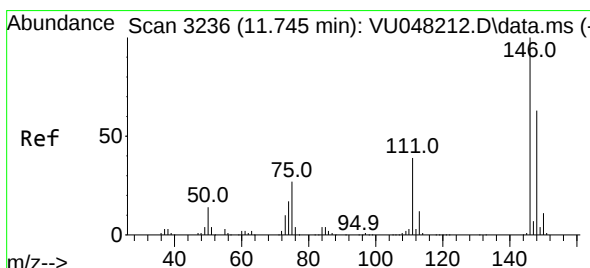
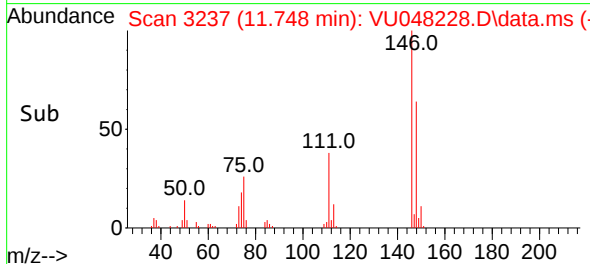
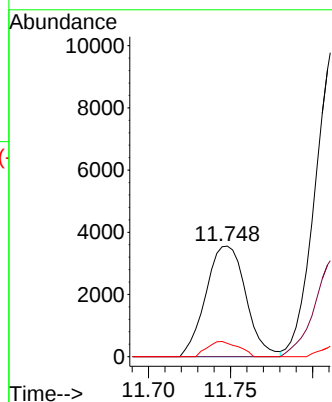


#60
1,2,3-Trichloropropane
Concen: 2.199 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.926 min
Lab File: VU048228.D
Acq: 22 Apr 2022 16:33

Instrument :
MSVOA_U
ClientSampleId :

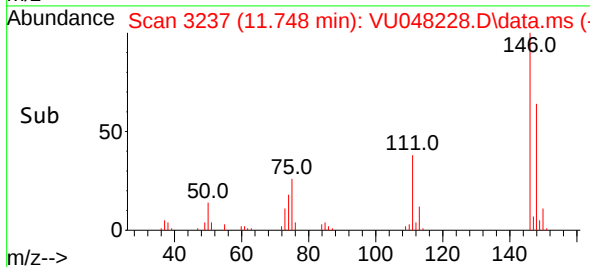
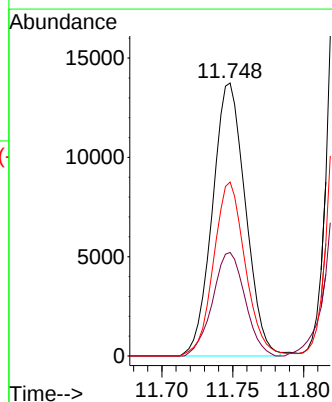
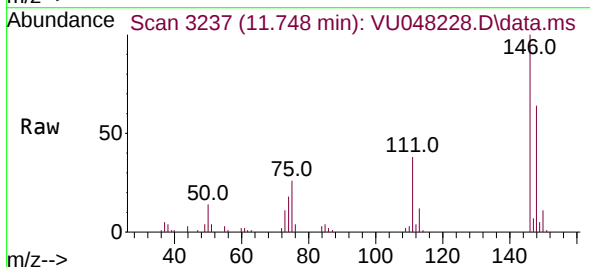


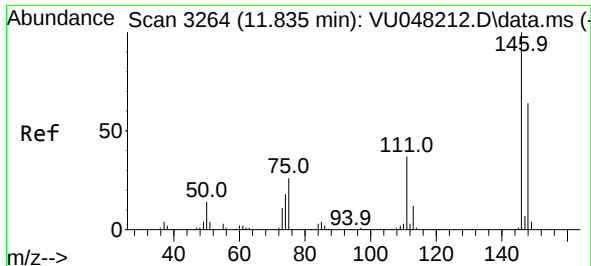
Tgt Ion: 75 Resp: 6025
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 10.6 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 5.101 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048228.D
Acq: 22 Apr 2022 16:33

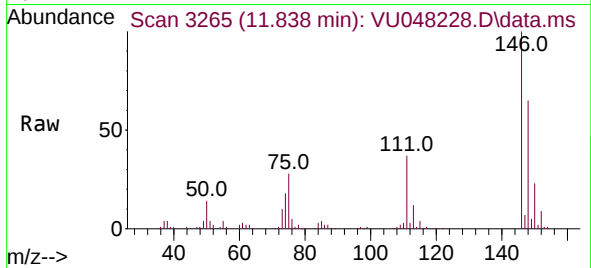
Tgt Ion:146 Resp: 22268
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 63.7 44.4 82.5



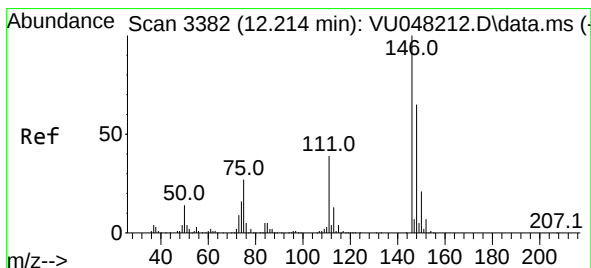
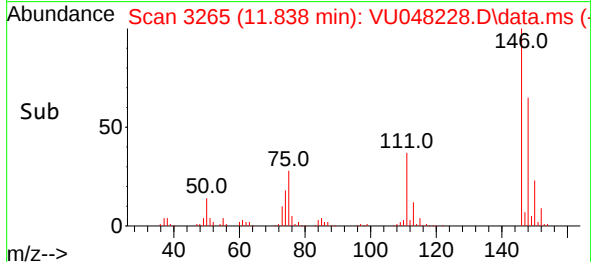
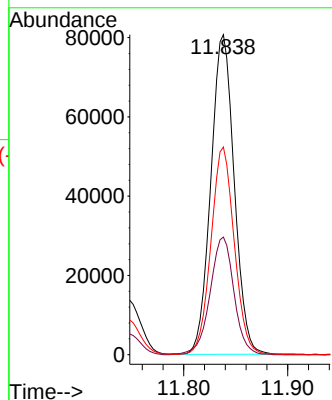


#65
1,4-Dichlorobenzene
Concen: 27.847 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048228.D
Acq: 22 Apr 2022 16:33

Instrument :
MSVOA_U
ClientSampleId :

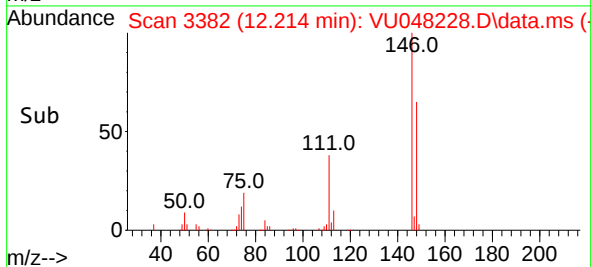
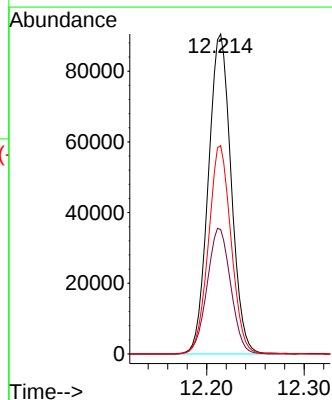
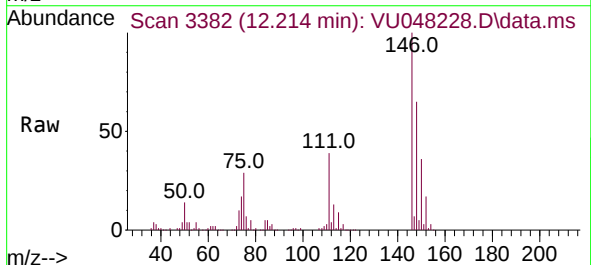


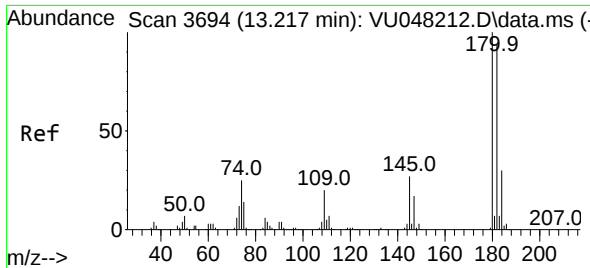
Tgt Ion:146 Resp: 125925
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 64.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 33.682 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048228.D
Acq: 22 Apr 2022 16:33

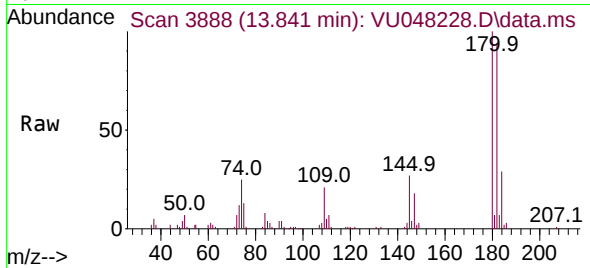
Tgt Ion:146 Resp: 147135
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 65.1 51.4 77.2



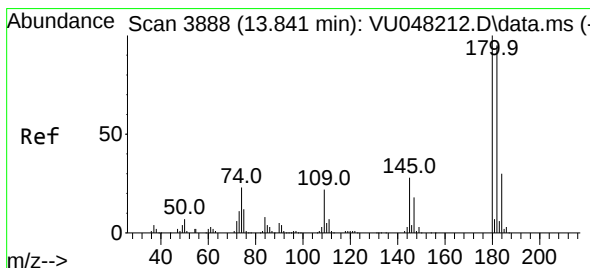
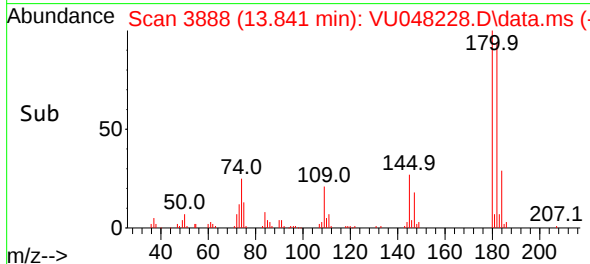
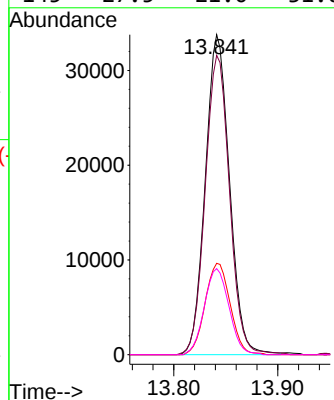


#69
 1,3,5-Trichlorobenzene
 Concen: 15.397 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU048228.D
 Acq: 22 Apr 2022 16:33

Instrument :
 MSVOA_U
 ClientSampleId :

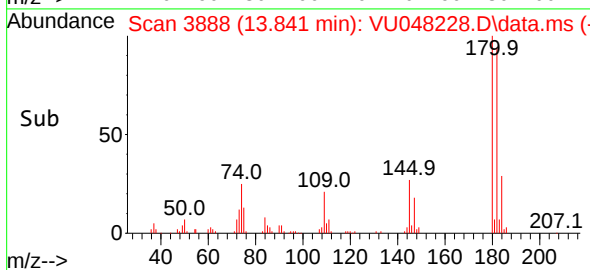
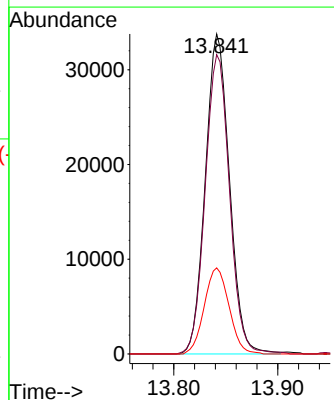
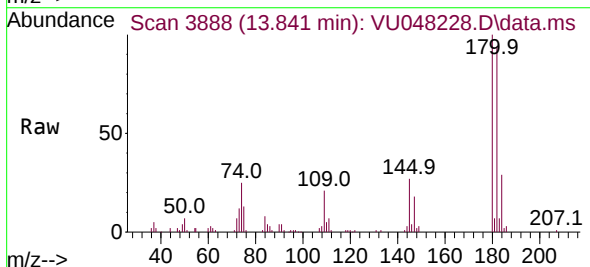


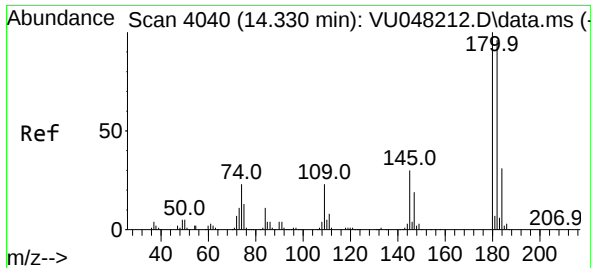
Tgt Ion:180 Resp: 54591
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.0 115.6
 184 29.6 24.5 36.7
 145 27.5 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 17.578 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048228.D
 Acq: 22 Apr 2022 16:33

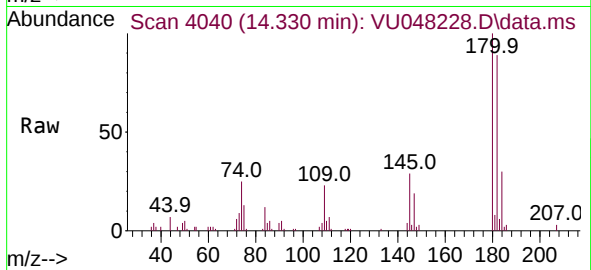
Tgt Ion:180 Resp: 54591
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.2 114.2
 145 27.5 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 6.517 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048228.D
 Acq: 22 Apr 2022 16:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	20291
Ion Ratio	Lower	Upper	
180	100		
182	91.6	77.4	116.0
145	28.5	22.8	34.2

