

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047965.D
 Acq On : 12 Apr 2022 18:50
 Operator : SY/MD
 Sample : N2293-07ME
 Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:37:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

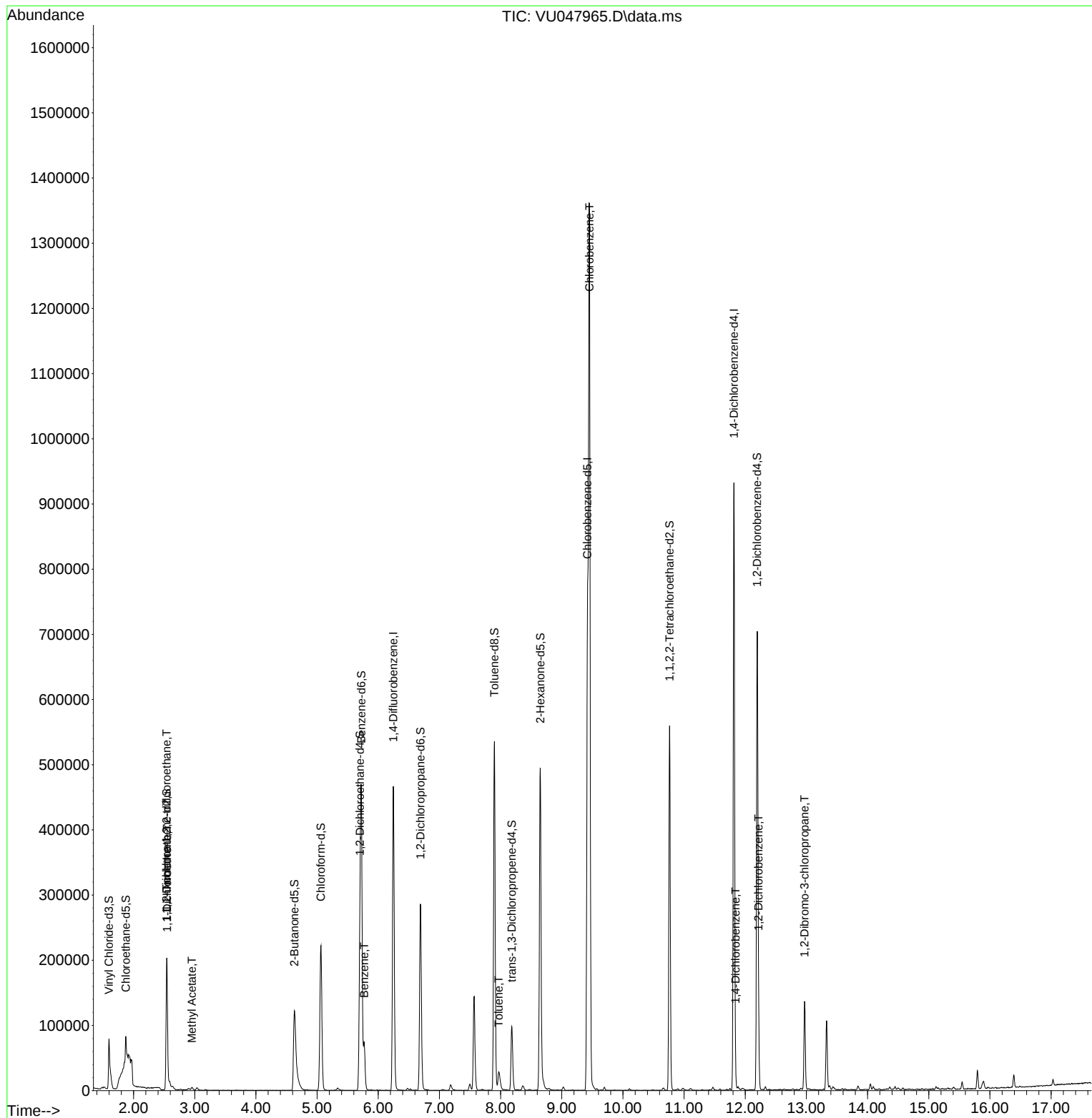
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	413339	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	450273	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	259361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88492	29.523	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	59.040%#	
7) Chloroethane-d5	1.874	69	50353	21.305	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	42.600%#	
11) 1,1-Dichloroethene-d2	2.543	63	127586	23.265	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	46.540%#	
21) 2-Butanone-d5	4.629	46	233054	90.586	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	90.590%	
24) Chloroform-d	5.063	84	216339	39.446	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	78.900%	
26) 1,2-Dichloroethane-d4	5.700	65	145524	43.263	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.520%	
32) Benzene-d6	5.722	84	417567	36.855	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	73.700%	
36) 1,2-Dichloropropane-d6	6.690	67	143147	41.139	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	82.280%	
41) Toluene-d8	7.899	98	372621	33.755	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	67.520%#	
43) trans-1,3-Dichloroprop...	8.182	79	63530	36.039	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.080%	
47) 2-Hexanone-d5	8.648	63	188265	92.425	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.420%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	269898	45.197	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	191240	41.445	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.900%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1081	0.355	ug/L #	18
12) 1,1-Dichloroethene	2.549	96	1192	0.420	ug/L #	1
15) Methyl Acetate	2.951	43	6255	1.638	ug/L	92
33) Benzene	5.771	78	72153	5.536	ug/L	100
42) Toluene	7.970	91	18873	1.320	ug/L	98
51) Chlorobenzene	9.452	112	794434	81.816	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	6199	0.768	ug/L	95
67) 1,2-Dichlorobenzene	12.217	146	32225	4.134	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.970	75	20185	12.888	ug/L #	1

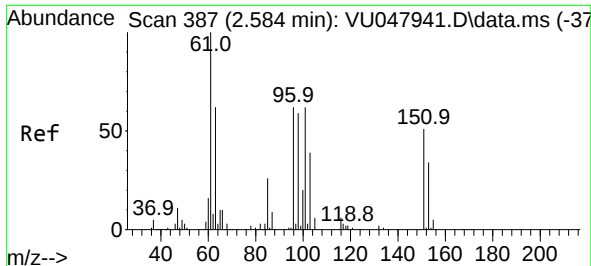
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 13 01:28:20 2022
Response via : Initial Calibration





#10

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

Concen: 0.355 ug/L

RT: 2.539 min Scan# 31

Delta R.T. -0.045 min

Lab File: VU047965.D

Acq: 12 Apr 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

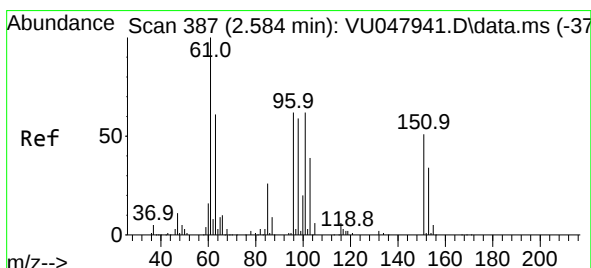
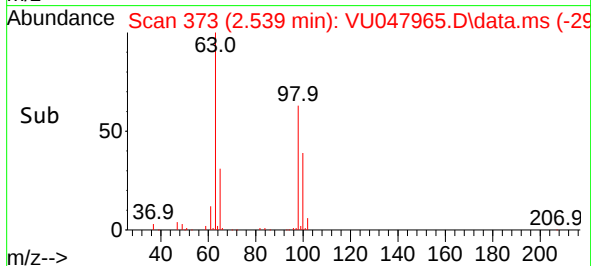
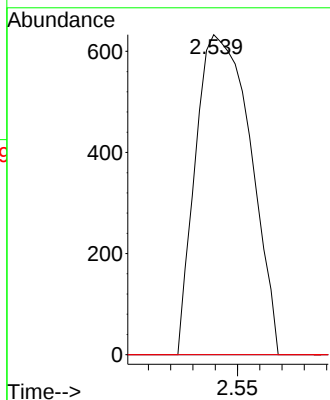
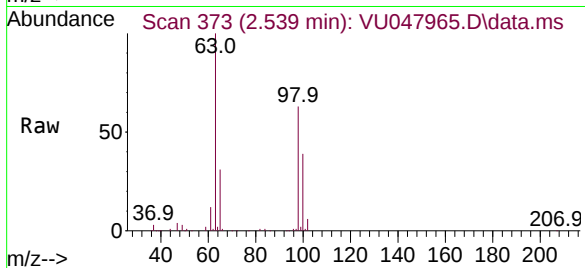
Tgt Ion:101 Resp: 1081

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: 0.420 ug/L

RT: 2.549 min Scan# 376

Delta R.T. -0.035 min

Lab File: VU047965.D

Acq: 12 Apr 2022 18:50

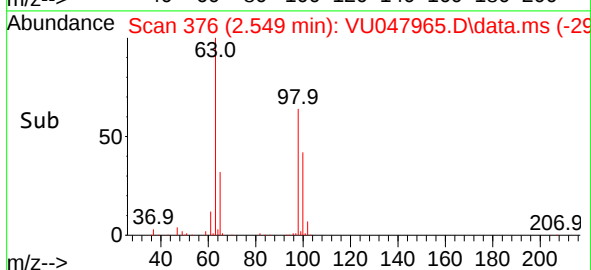
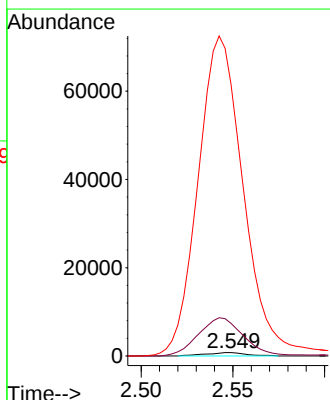
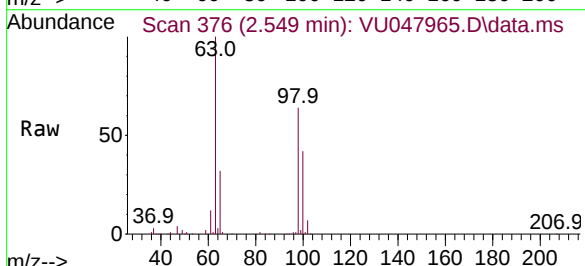
Tgt Ion: 96 Resp: 1192

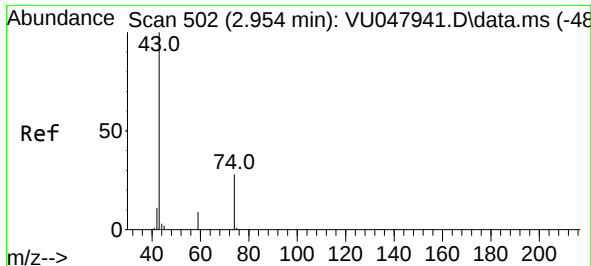
Ion Ratio Lower Upper

96 100

61 963.0 113.1 210.1#

63 8034.4 94.8 176.0#

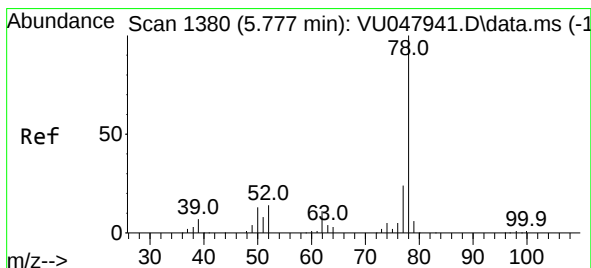
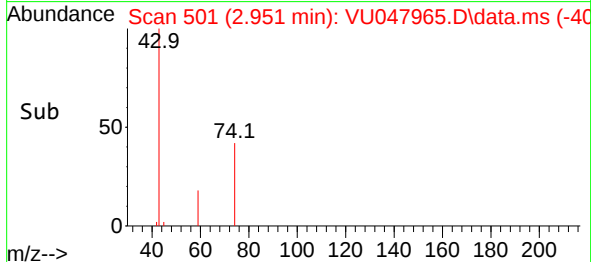
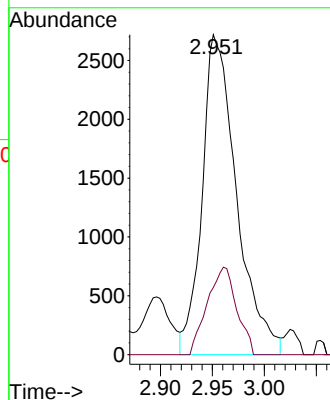
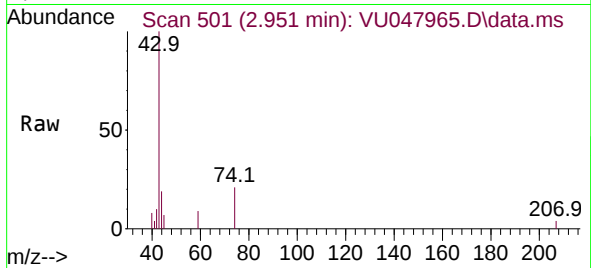




#15
Methyl Acetate
Concen: 1.638 ug/L
RT: 2.951 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU047965.D
Acq: 12 Apr 2022 18:50

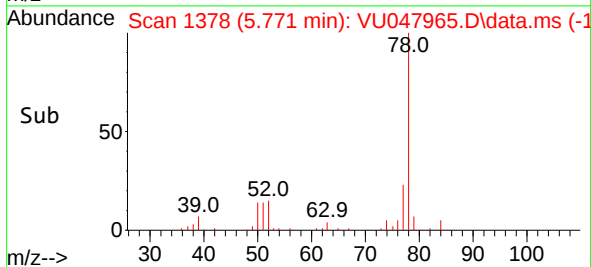
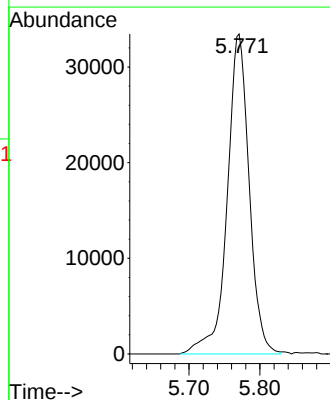
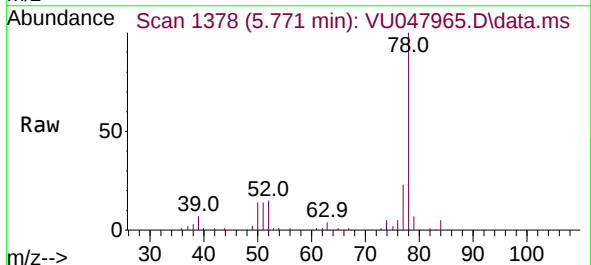
Instrument :
MSVOA_U
ClientSampleId :

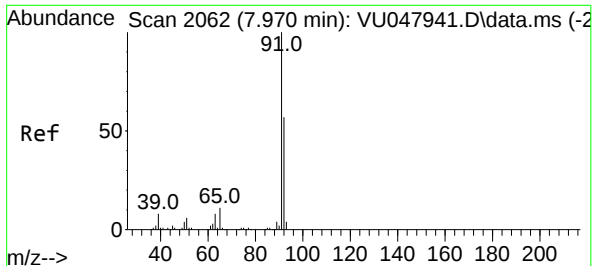
Tgt Ion: 43 Resp: 6255
Ion Ratio Lower Upper
43 100
74 23.3 22.2 33.2



#33
Benzene
Concen: 5.536 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU047965.D
Acq: 12 Apr 2022 18:50

Tgt Ion: 78 Resp: 72153





#42

Toluene

Concen: 1.320 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047965.D

Acq: 12 Apr 2022 18:50

Instrument :

MSVOA_U

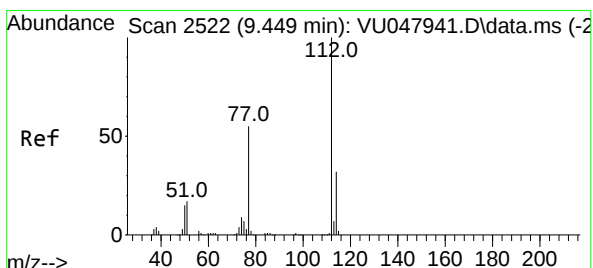
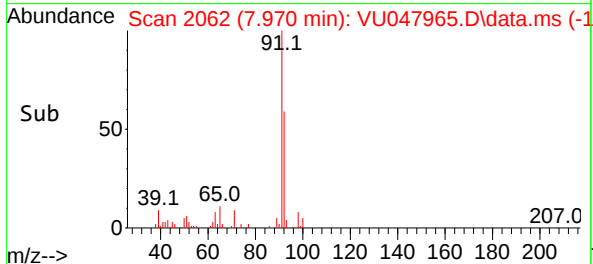
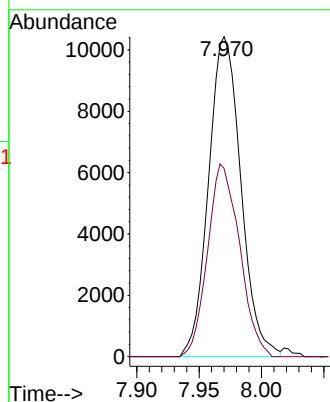
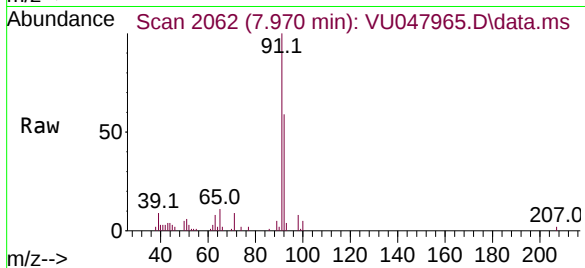
ClientSampleId :

Tgt Ion: 91 Resp: 18873

Ion Ratio Lower Upper

91 100

92 58.8 40.4 75.0



#51

Chlorobenzene

Concen: 81.816 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU047965.D

Acq: 12 Apr 2022 18:50

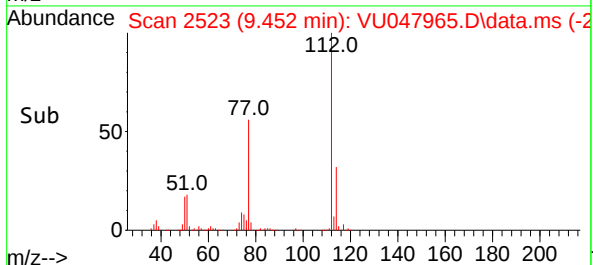
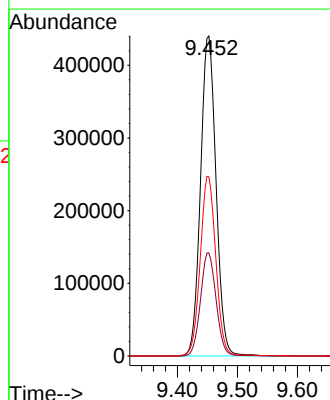
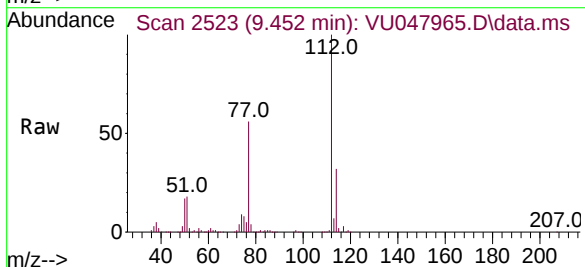
Tgt Ion: 112 Resp: 794434

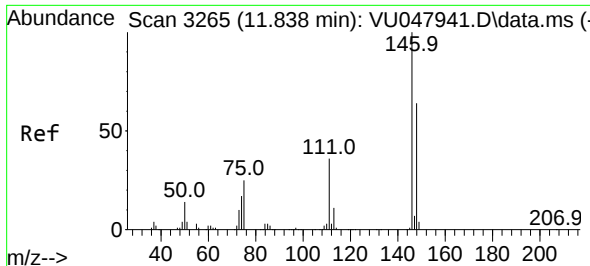
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 56.0 43.4 65.0

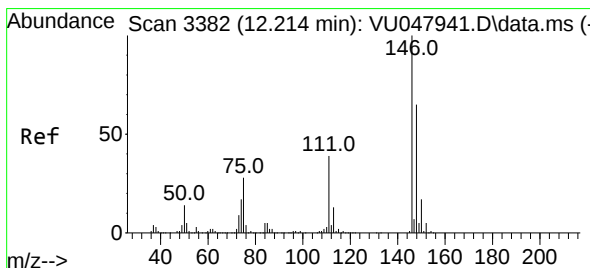
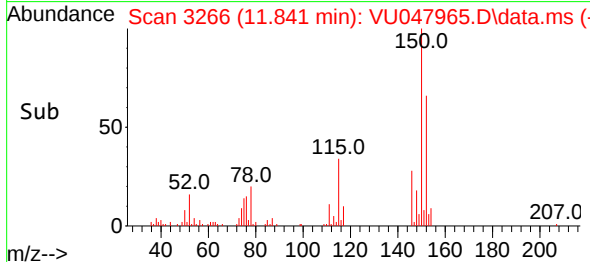
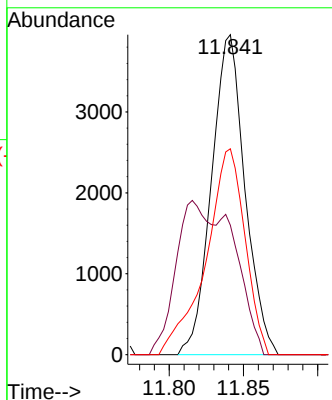
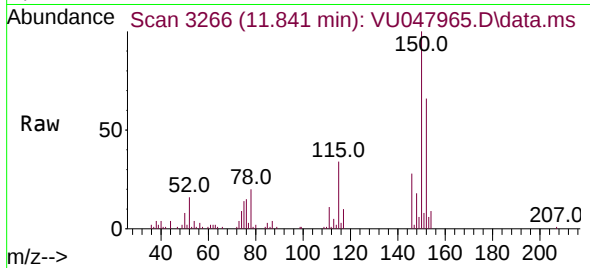




#65
1,4-Dichlorobenzene
Concen: 0.768 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047965.D
Acq: 12 Apr 2022 18:50

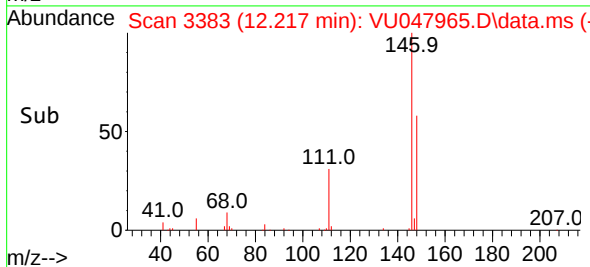
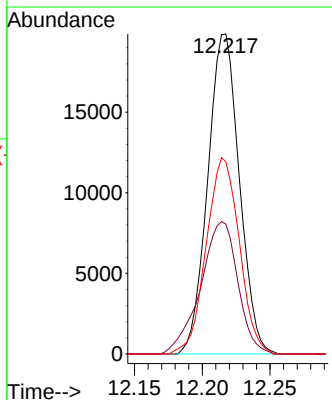
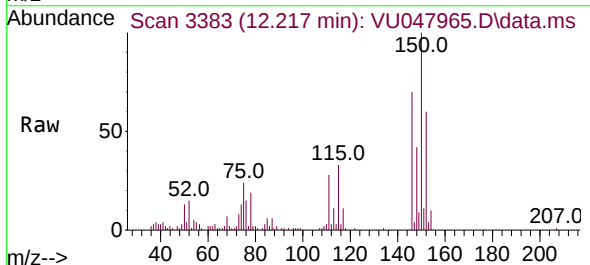
Instrument :
MSVOA_U
ClientSampleId :

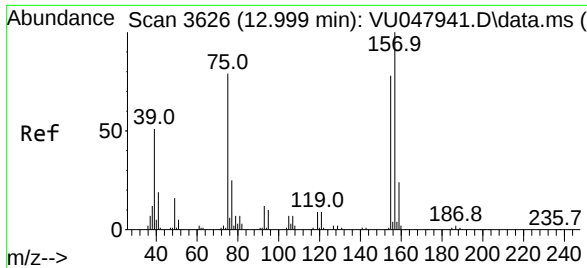
Tgt Ion:146 Resp: 6199
Ion Ratio Lower Upper
146 100
111 43.7 25.3 47.1
148 64.3 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 4.134 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU047965.D
Acq: 12 Apr 2022 18:50

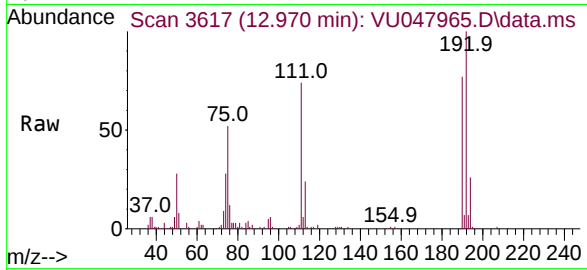
Tgt Ion:146 Resp: 32225
Ion Ratio Lower Upper
146 100
111 40.5 31.7 47.5
148 60.1 51.4 77.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 12.888 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: VU047965.D
 Acq: 12 Apr 2022 18:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 20185
 Ion Ratio Lower Upper
 75 100
 155 2.2 78.9 118.3#
 157 2.3 97.5 146.3#

