

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU047996.D
 Acq On : 13 Apr 2022 12:22
 Operator : SY/MD
 Sample : N2358-01
 Misc : 6.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS1

Quant Time: Apr 14 03:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

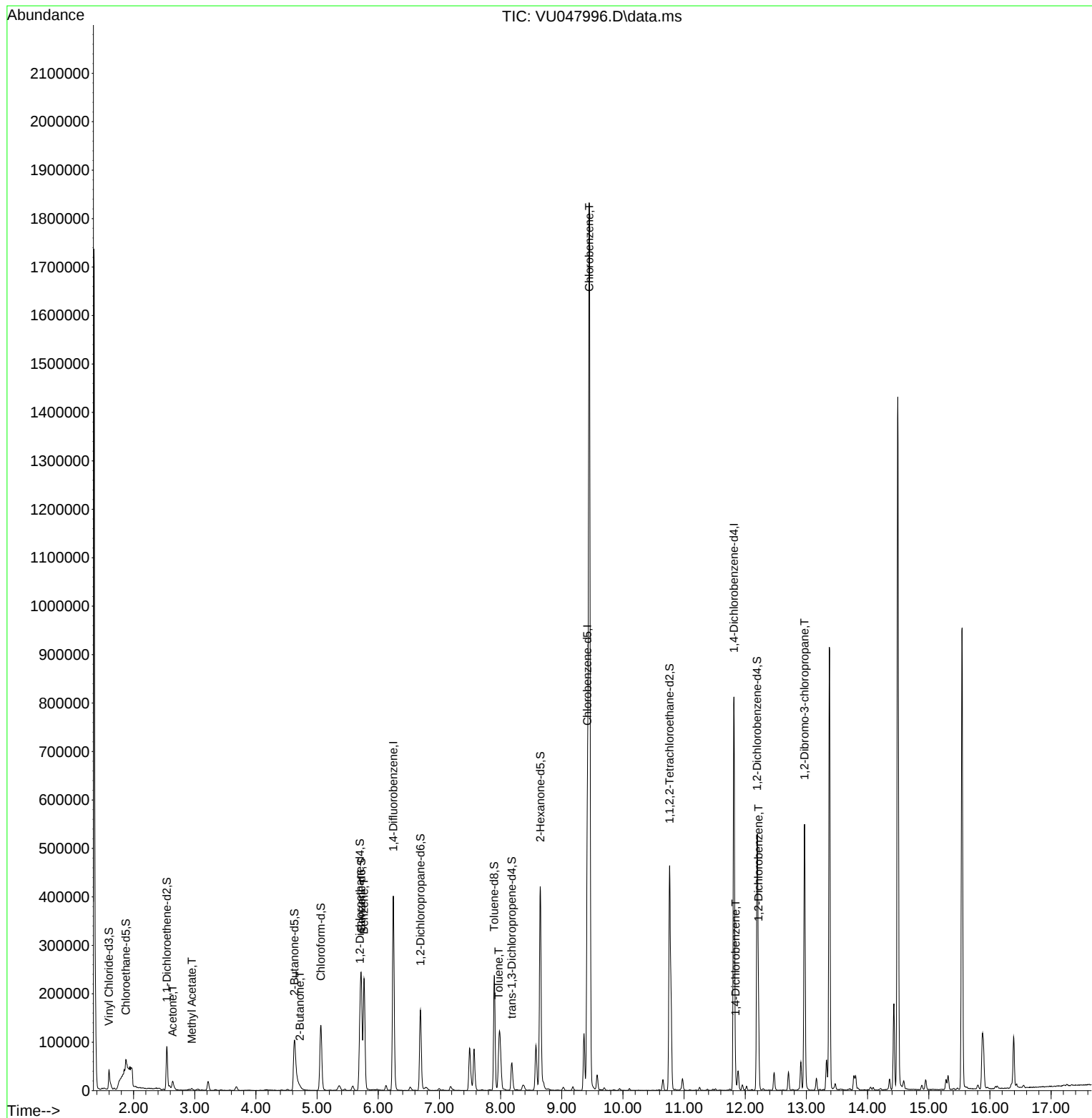
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	356806	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	392562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	224576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43590	16.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.700%#
7) Chloroethane-d5	1.874	69	26659	13.067	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	26.140%#
11) 1,1-Dichloroethene-d2	2.546	63	56335	11.900	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	23.800%#
21) 2-Butanone-d5	4.629	46	205015	92.314	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.310%
24) Chloroform-d	5.060	84	132172	27.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.840%#
26) 1,2-Dichloroethane-d4	5.700	65	88774	30.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.140%#
32) Benzene-d6	5.723	84	211241	21.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	42.780%#
36) 1,2-Dichloropropane-d6	6.690	67	85751	28.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	56.540%#
41) Toluene-d8	7.896	98	167106	17.363	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	34.720%#
43) trans-1,3-Dichloroprop...	8.182	79	38240	24.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.760%#
47) 2-Hexanone-d5	8.648	63	161708	91.058	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	220207	42.297	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	135112	33.817	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.640%#
Target Compounds						
					Qvalue	
13) Acetone	2.639	43	24326	11.770	ug/L	94
15) Methyl Acetate	2.951	43	3863	1.172	ug/L	99
22) 2-Butanone	4.716	43	2798	1.051	ug/L	87
33) Benzene	5.768	78	228477	20.107	ug/L	100
42) Toluene	7.970	91	48254	3.870	ug/L	100
51) Chlorobenzene	9.449	112	1041565	123.037	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	10839	1.551	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	47893	7.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.970	75	83657	61.688	ug/L #	1

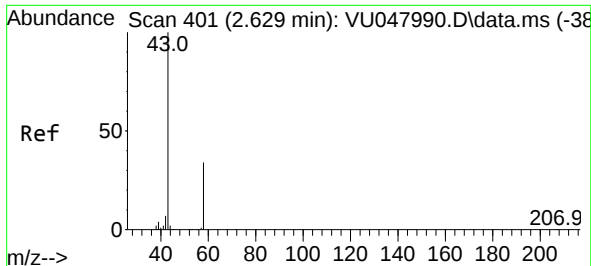
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 14 02:49:33 2022
Response via : Initial Calibration





#13

Acetone

Concen: 11.770 ug/L

RT: 2.639 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU047996.D

Acq: 13 Apr 2022 12:22

Instrument :

MSVOA_U

ClientSampleId :

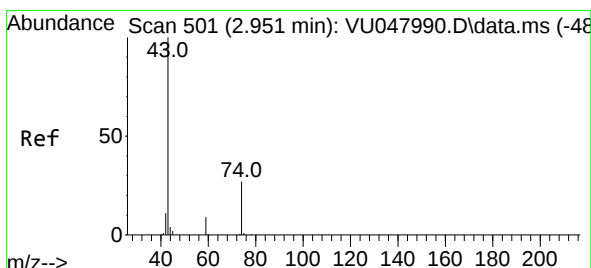
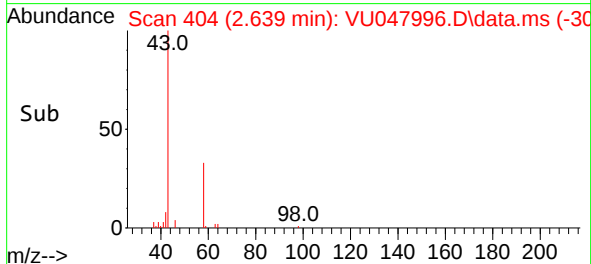
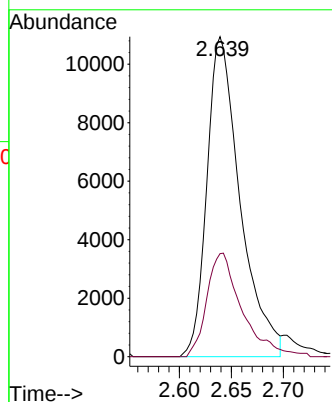
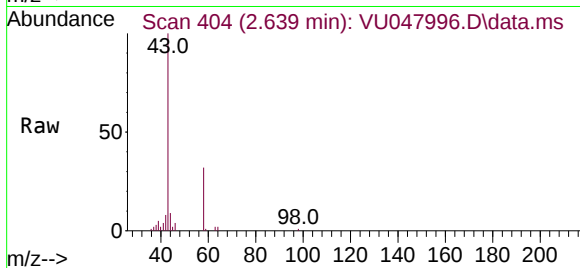
ETNS1

Tgt Ion: 43 Resp: 24326

Ion Ratio Lower Upper

43 100

58 31.7 0.0 70.0



#15

Methyl Acetate

Concen: 1.172 ug/L

RT: 2.951 min Scan# 501

Delta R.T. -0.000 min

Lab File: VU047996.D

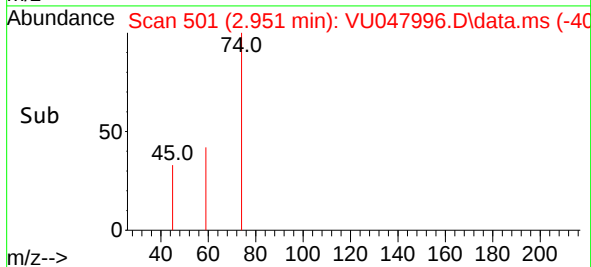
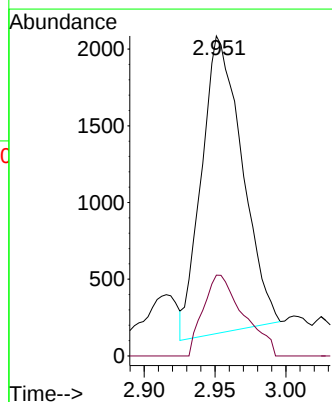
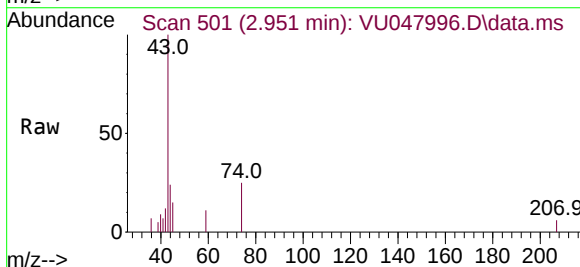
Acq: 13 Apr 2022 12:22

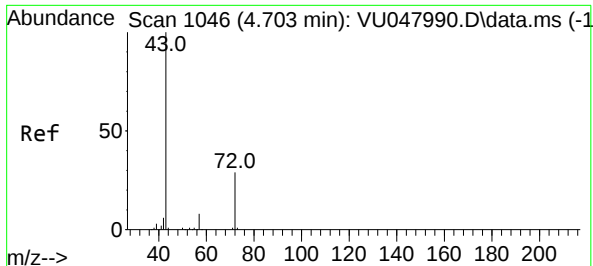
Tgt Ion: 43 Resp: 3863

Ion Ratio Lower Upper

43 100

74 27.0 22.2 33.2





#22

2-Butanone

Concen: 1.051 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU047996.D

Acq: 13 Apr 2022 12:22

Instrument :

MSVOA_U

ClientSampleId :

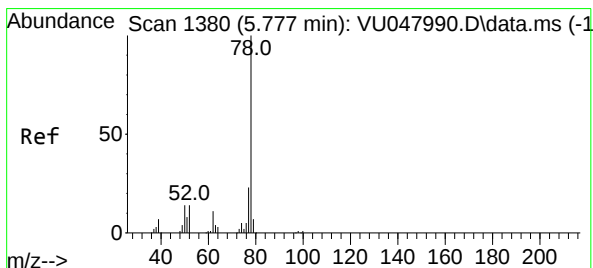
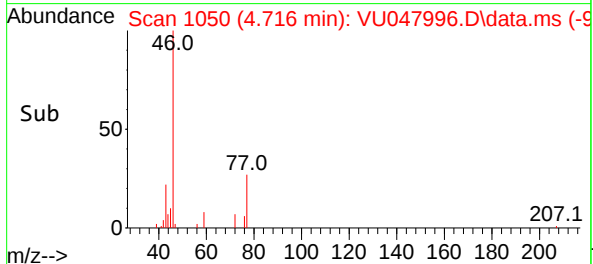
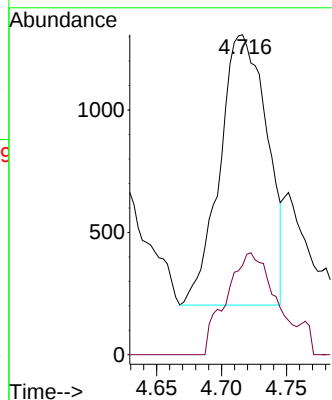
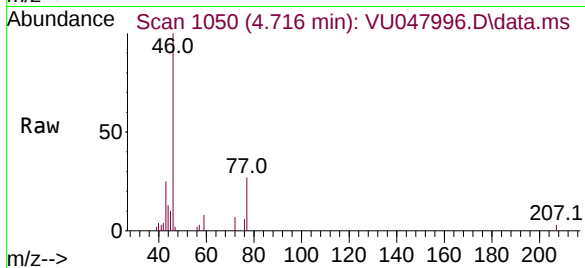
ETNS1

Tgt Ion: 43 Resp: 2798

Ion Ratio Lower Upper

43 100

72 39.1 16.0 47.9



#33

Benzene

Concen: 20.107 ug/L

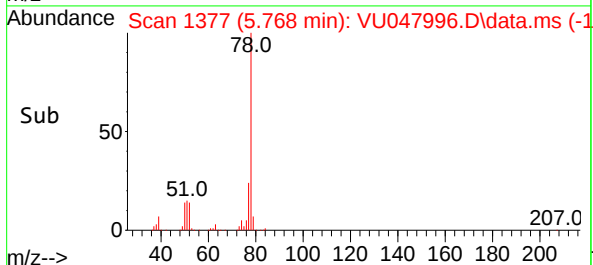
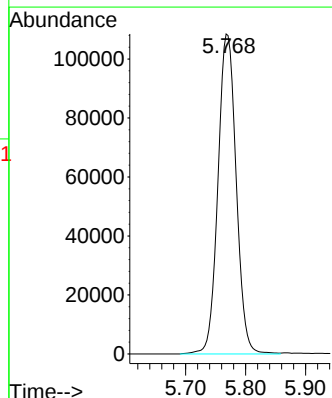
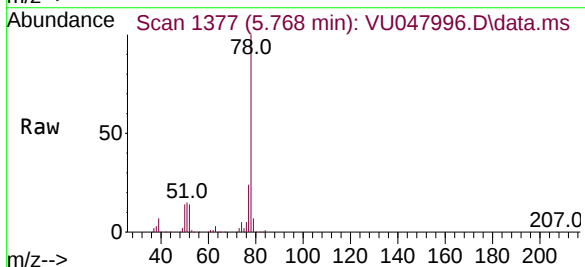
RT: 5.768 min Scan# 1377

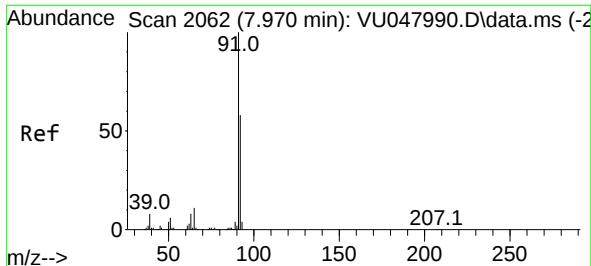
Delta R.T. -0.010 min

Lab File: VU047996.D

Acq: 13 Apr 2022 12:22

Tgt Ion: 78 Resp: 228477





#42

Toluene

Concen: 3.870 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047996.D

Acq: 13 Apr 2022 12:22

Instrument :

MSVOA_U

ClientSampleId :

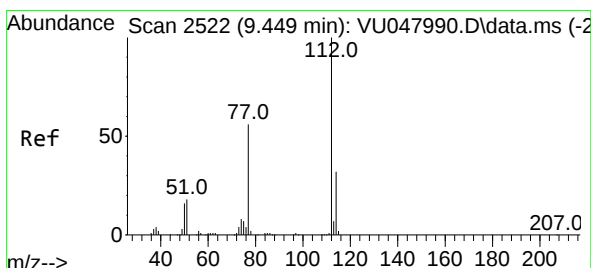
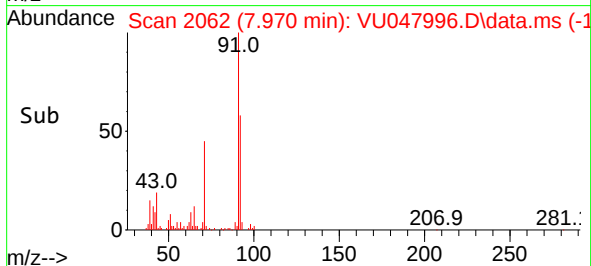
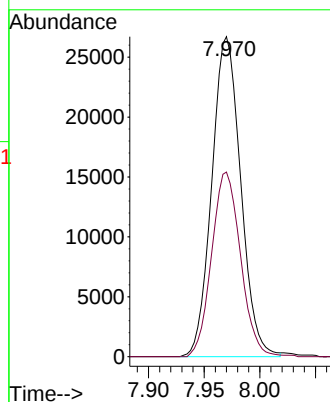
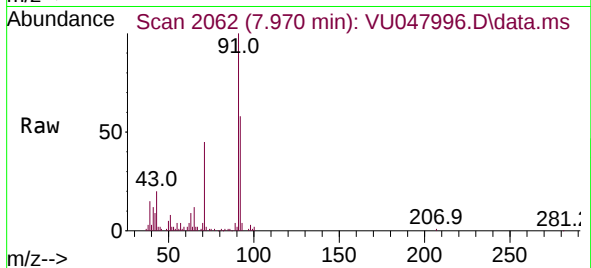
ETNS1

Tgt Ion: 91 Resp: 48254

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#51

Chlorobenzene

Concen: 123.037 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047996.D

Acq: 13 Apr 2022 12:22

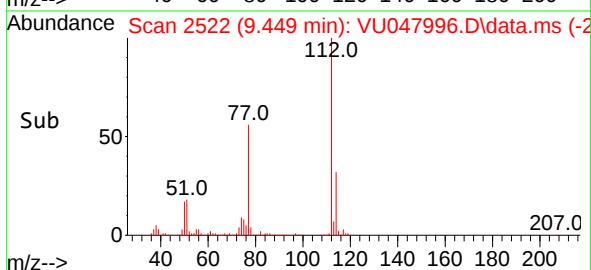
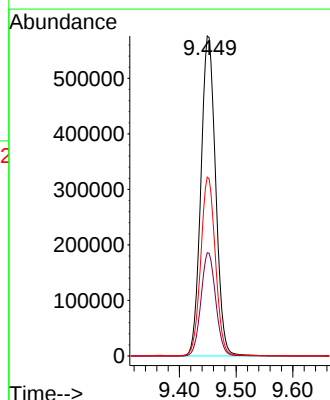
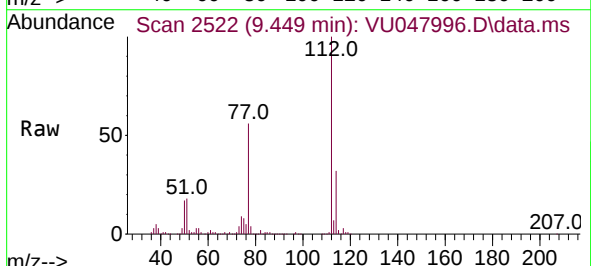
Tgt Ion: 112 Resp: 1041565

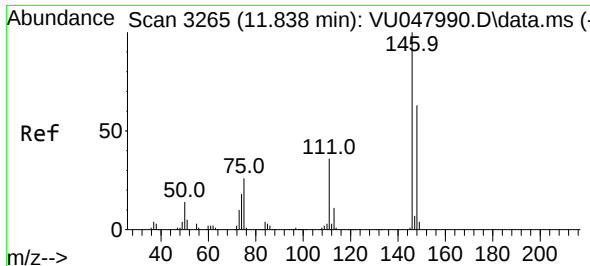
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 55.9 43.4 65.0

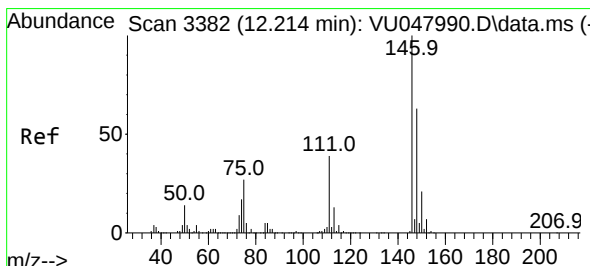
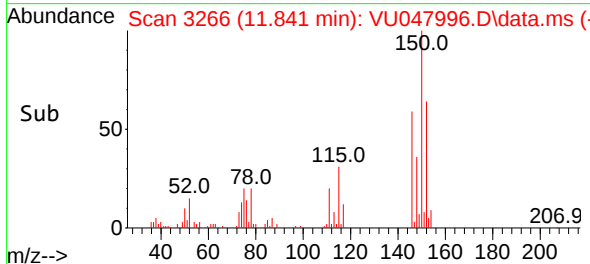
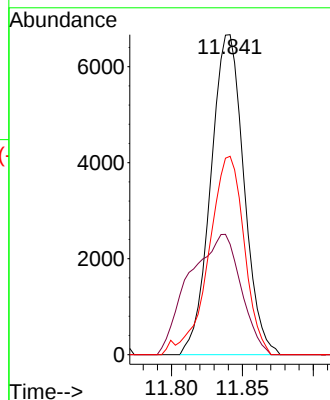
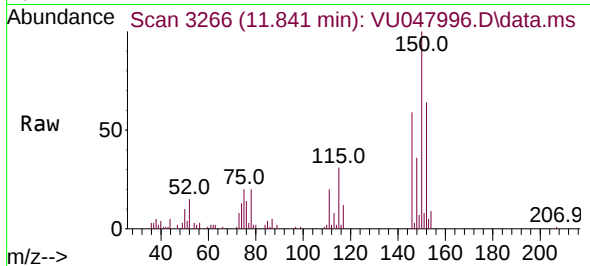




#65
1,4-Dichlorobenzene
Concen: 1.551 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047996.D
Acq: 13 Apr 2022 12:22

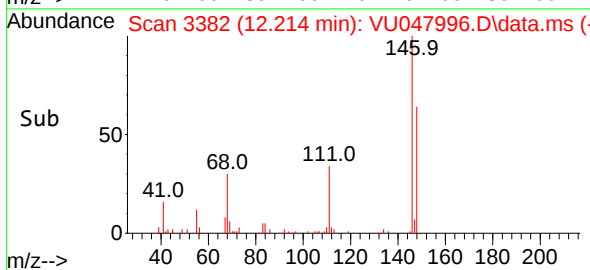
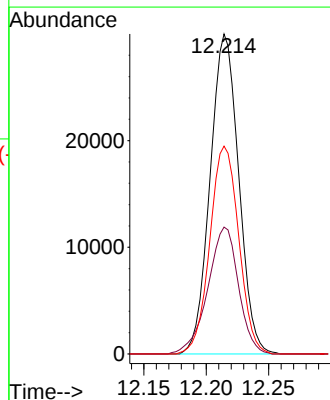
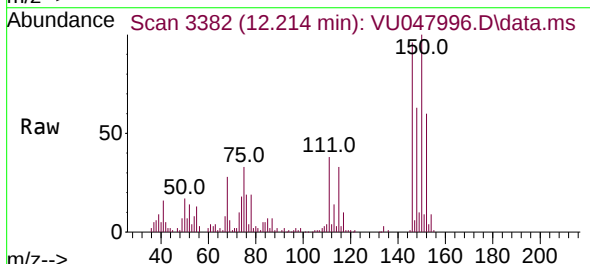
Instrument :
MSVOA_U
ClientSampleId :
ETNS1

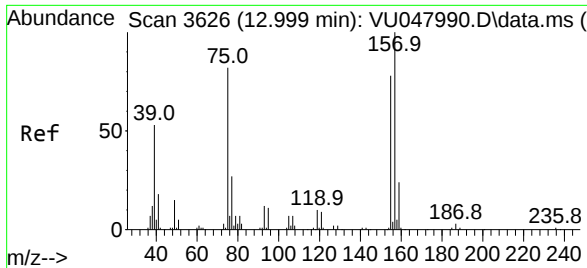
Tgt Ion:146 Resp: 10839
Ion Ratio Lower Upper
146 100
111 34.5 25.3 47.1
148 62.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 7.095 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047996.D
Acq: 13 Apr 2022 12:22

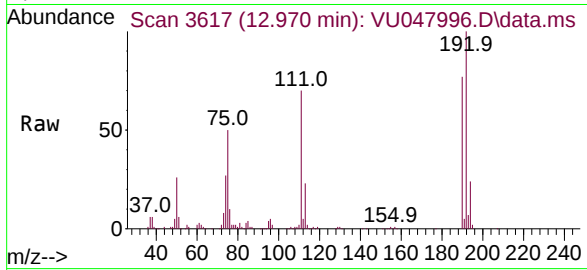
Tgt Ion:146 Resp: 47893
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 65.0 51.4 77.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 61.688 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: VU047996.D
 Acq: 13 Apr 2022 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS1



Tgt Ion: 75 Resp: 83657
 Ion Ratio Lower Upper
 75 100
 155 3.4 78.9 118.3#
 157 2.9 97.5 146.3#

