

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047986.D
 Acq On : 13 Apr 2022 03:05
 Operator : SY/MD
 Sample : N2358-02 10X
 Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

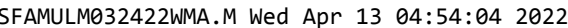
Quant Time: Apr 13 04:53:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

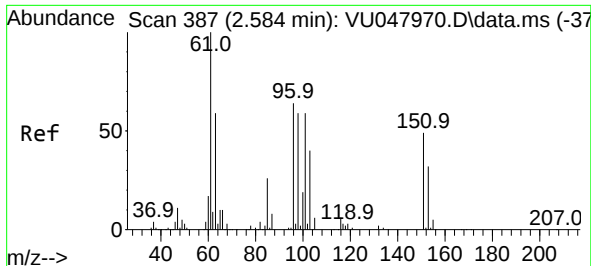
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350505	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356773	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	198109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80085	31.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.020%
7) Chloroethane-d5	1.903	69	77801	38.820	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.640%
11) 1,1-Dichloroethene-d2	2.565	63	107824	23.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.380%#
21) 2-Butanone-d5	4.620	46	207373	95.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.050%
24) Chloroform-d	5.063	84	191244	41.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.240%
26) 1,2-Dichloroethane-d4	5.703	65	127463	44.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
32) Benzene-d6	5.726	84	362519	40.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.760%
36) 1,2-Dichloropropane-d6	6.690	67	124862	45.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.580%
41) Toluene-d8	7.899	98	307156	35.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.240%#
43) trans-1,3-Dichloroprop...	8.179	79	51522	36.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.780%
47) 2-Hexanone-d5	8.632	63	153326	94.999	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	227374	48.055	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	159023	45.119	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	977	0.378	ug/L #	18
33) Benzene	5.774	78	135097	13.082	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	2916	0.716	ug/L #	58
42) Toluene	7.970	91	16457	1.452	ug/L	97
51) Chlorobenzene	9.446	112	190808	24.801	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	5394	1.033	ug/L #	41
65) 1,4-Dichlorobenzene	11.838	146	62566	10.150	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	31074	5.218	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.970	75	201440	168.385	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	9108	1.884	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	9108	2.151	ug/L	96

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

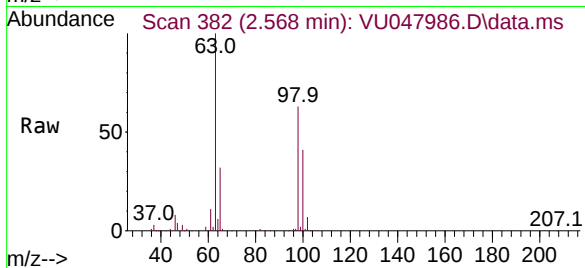
Quant Time: Apr 13 04:53:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 13 04:40:51 2022
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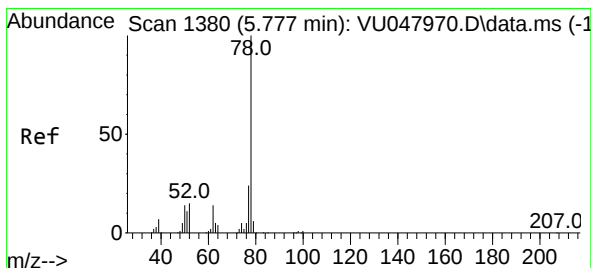
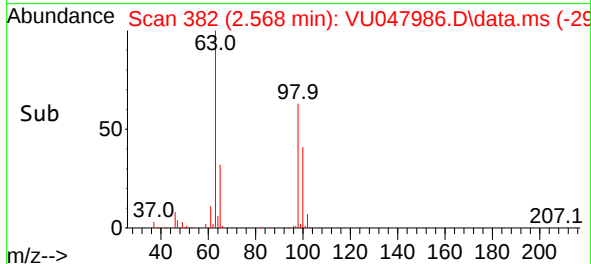
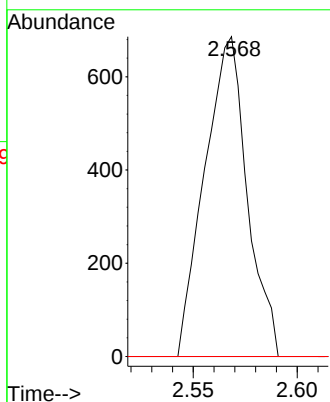


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.378 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU047986.D
 Acq: 13 Apr 2022 03:05

Instrument :
 MSVOA_U
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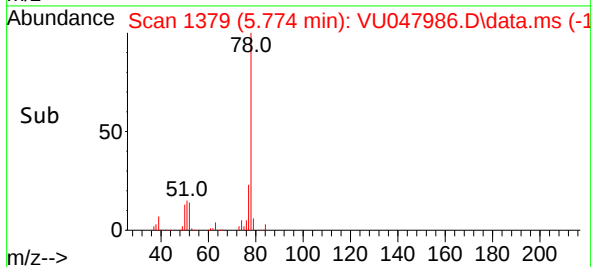
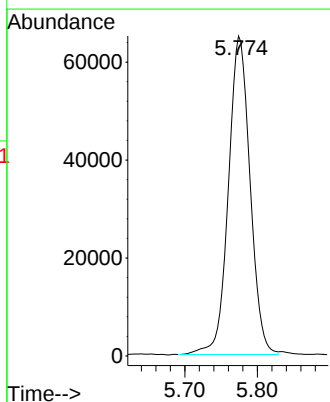
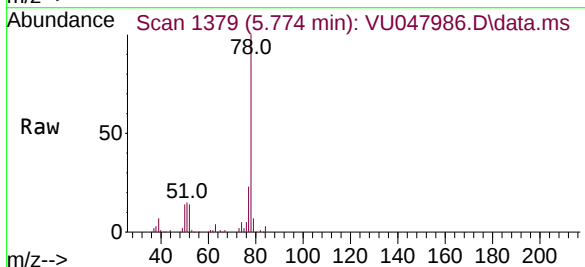


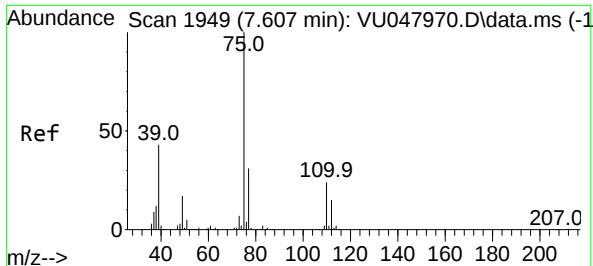
Tgt Ion:101 Resp: 977
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#33
 Benzene
 Concen: 13.082 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. -0.003 min
 Lab File: VU047986.D
 Acq: 13 Apr 2022 03:05

Tgt Ion: 78 Resp: 135097





#39

cis-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU047986.D

Acq: 13 Apr 2022 03:05

Instrument :

MSVOA_U

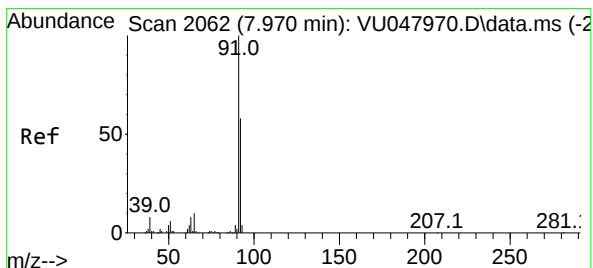
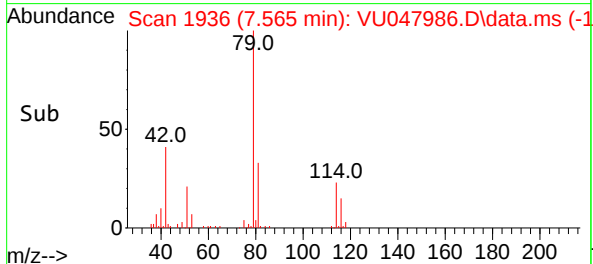
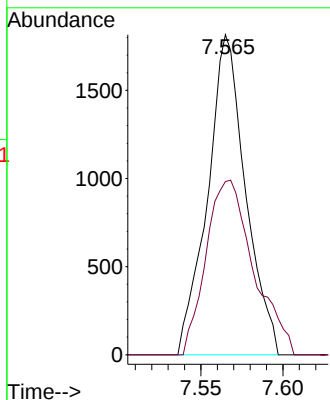
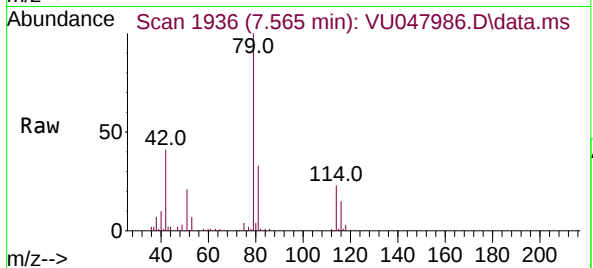
ClientSampleId :

Tgt Ion: 75 Resp: 2916

Ion Ratio Lower Upper

75 100

77 54.1 21.8 40.6#



#42

Toluene

Concen: 1.452 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047986.D

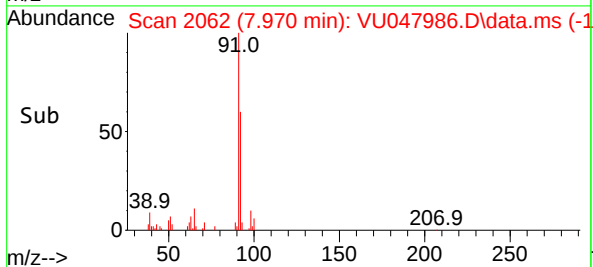
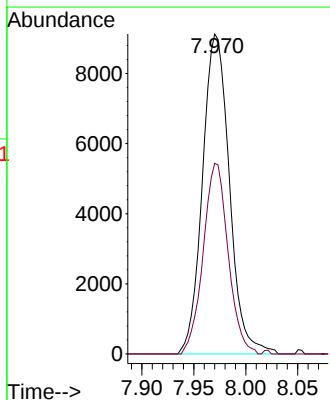
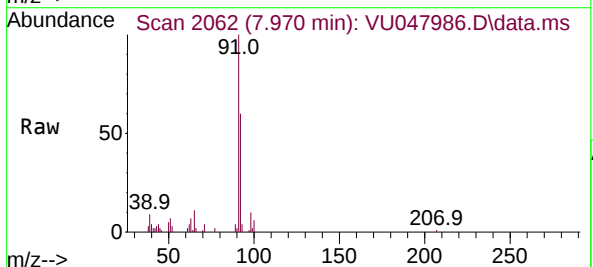
Acq: 13 Apr 2022 03:05

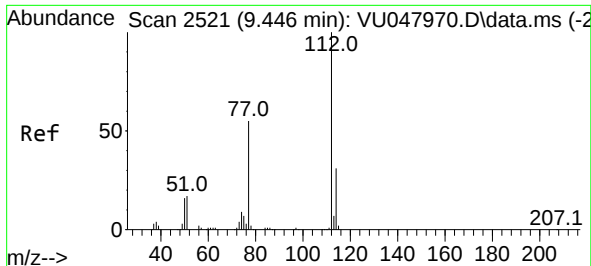
Tgt Ion: 91 Resp: 16457

Ion Ratio Lower Upper

91 100

92 59.6 40.4 75.0

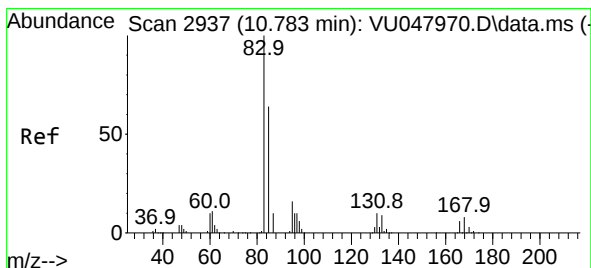
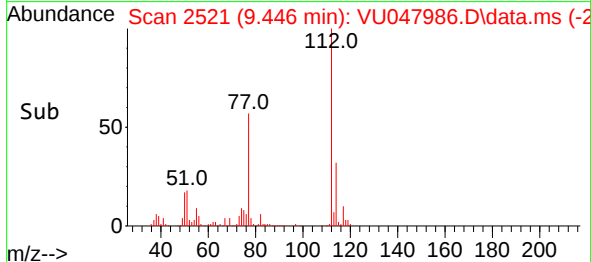
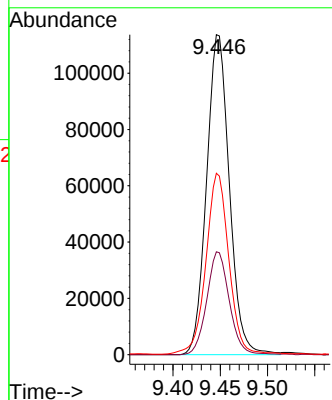
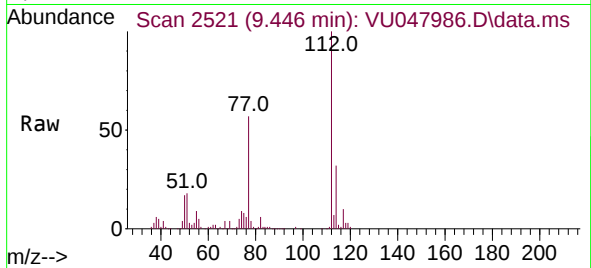




#51
Chlorobenzene
Concen: 24.801 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

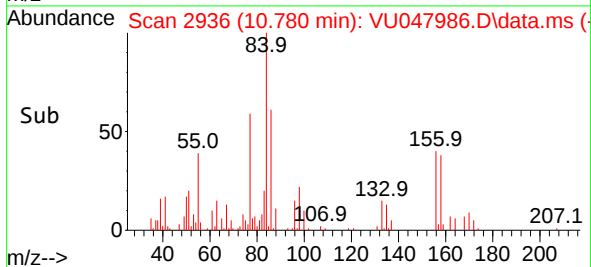
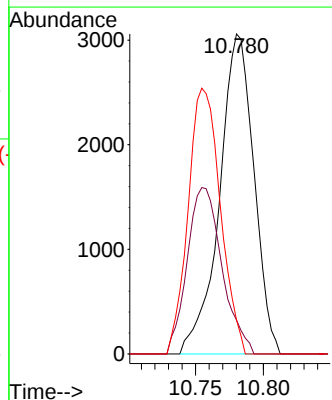
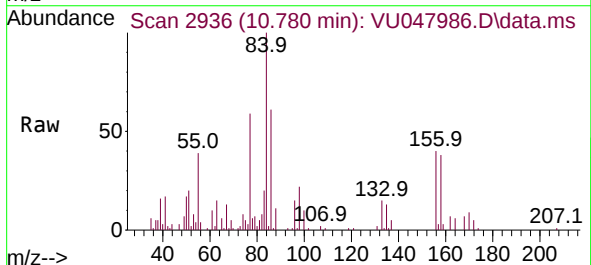
Instrument :
MSVOA_U
ClientSampleId :

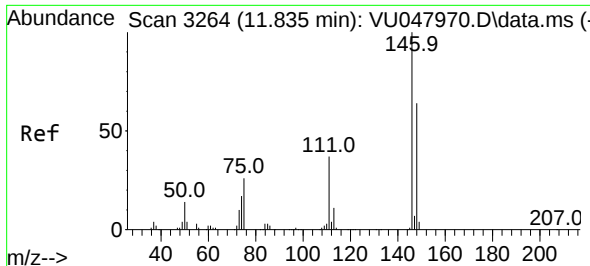
Tgt Ion:112 Resp: 190808
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 56.7 43.4 65.0



#57
1,1,2,2-Tetrachloroethane
Concen: 1.033 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

Tgt Ion: 83 Resp: 5394
Ion Ratio Lower Upper
83 100
85 10.6 44.9 83.3#
131 10.6 8.6 13.0

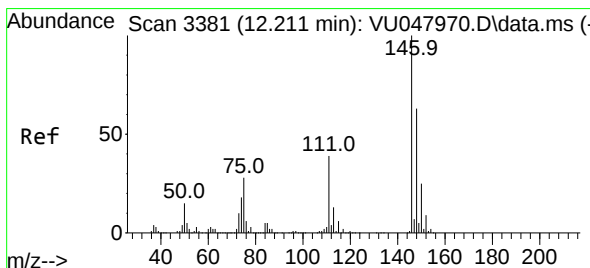
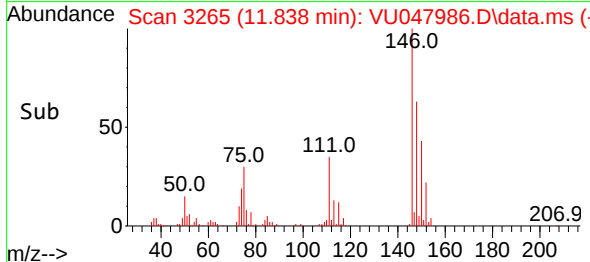
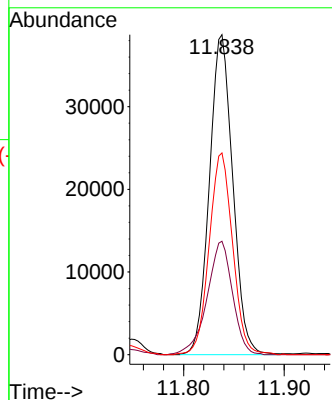
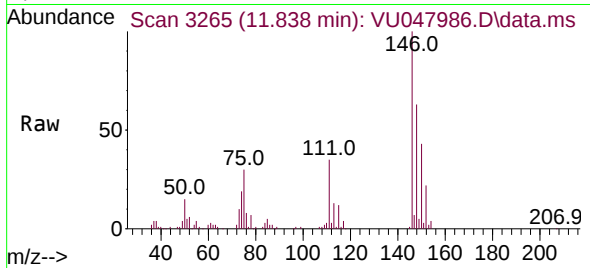




#65
1,4-Dichlorobenzene
Concen: 10.150 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

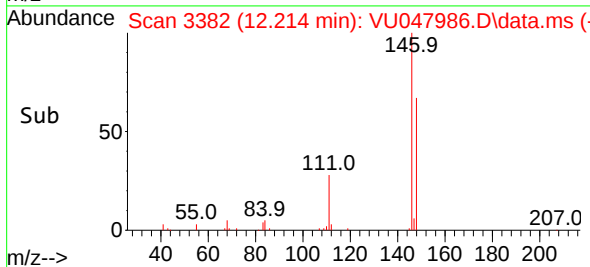
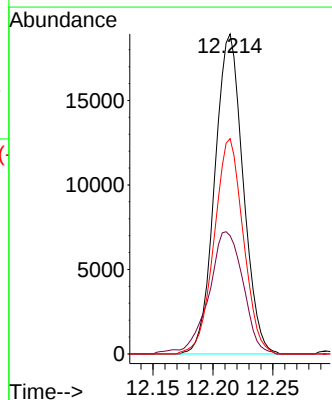
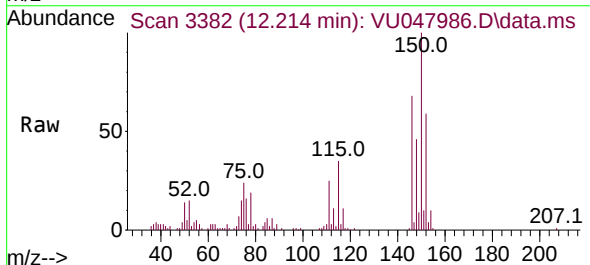
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ClientSampleId :

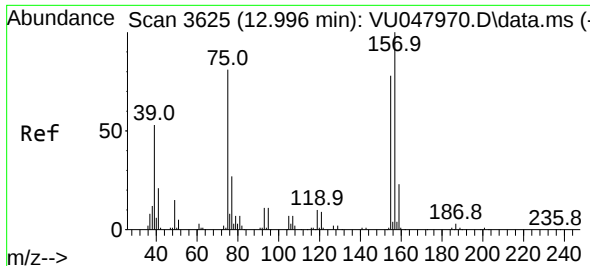
Tgt Ion:146 Resp: 62566
Ion Ratio Lower Upper
146 100
111 35.5 25.3 47.1
148 63.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 5.218 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

Tgt Ion:146 Resp: 31074
Ion Ratio Lower Upper
146 100
111 37.0 31.7 47.5
148 67.3 51.4 77.2

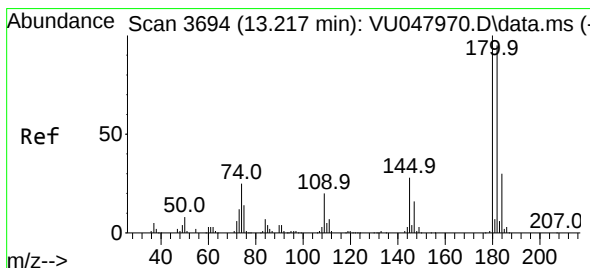
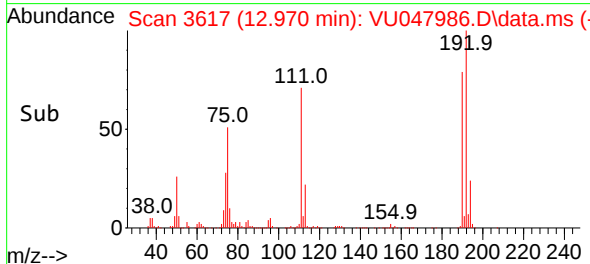
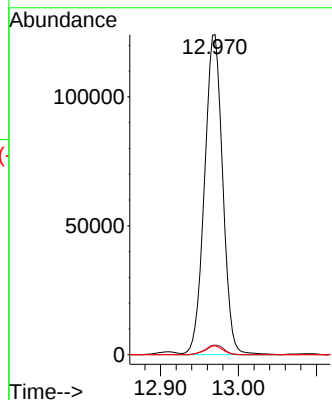
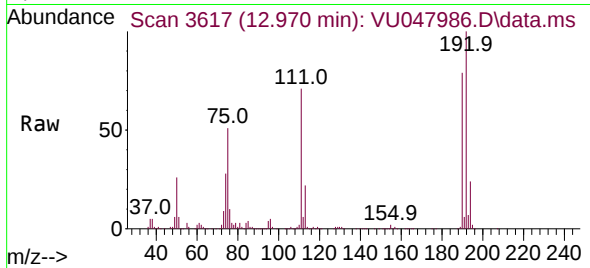




#68
1,2-Dibromo-3-chloropropane
Concen: 168.385 ug/L
RT: 12.970 min Scan# 301
Delta R.T. -0.026 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

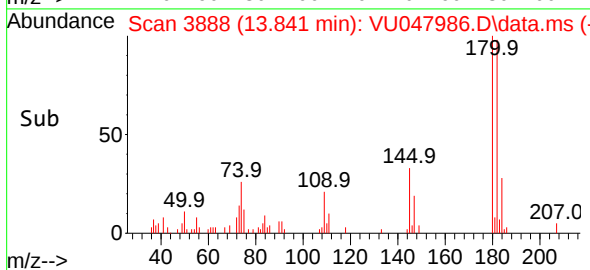
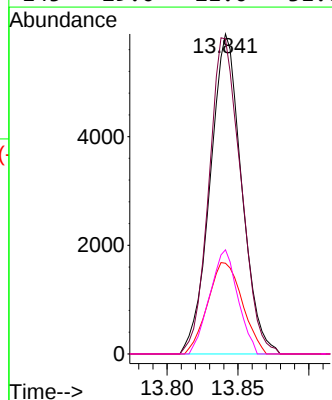
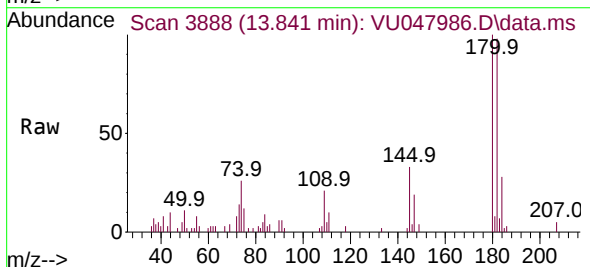
Instrument :
MSVOA_U
ClientSampleId :

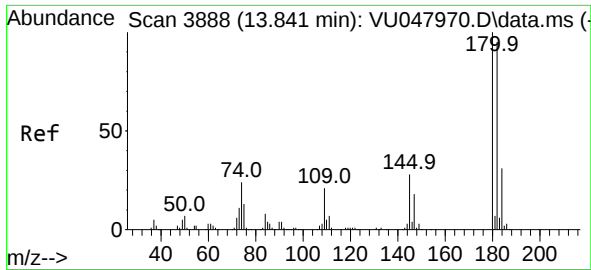
Tgt Ion: 75 Resp: 201440
Ion Ratio Lower Upper
75 100
155 3.0 78.9 118.3#
157 2.7 97.5 146.3#



#69
1,3,5-Trichlorobenzene
Concen: 1.884 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

Tgt Ion:180 Resp: 9108
Ion Ratio Lower Upper
180 100
182 99.6 77.0 115.6
184 31.2 24.5 36.7
145 29.0 21.0 31.6





#70

1,2,4-trichlorobenzene

Concen: 2.151 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

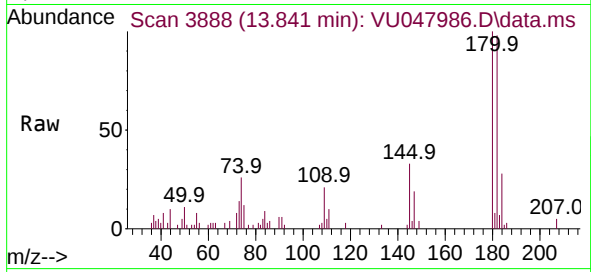
Lab File: VU047986.D

Acq: 13 Apr 2022 03:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 9108

Ion Ratio Lower Upper

180 100

182 99.6 76.2 114.2

145 29.0 21.8 32.8

