

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047930.D
 Acq On : 12 Apr 2022 00:55
 Operator : SY/MD
 Sample : N2293-20ME
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

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

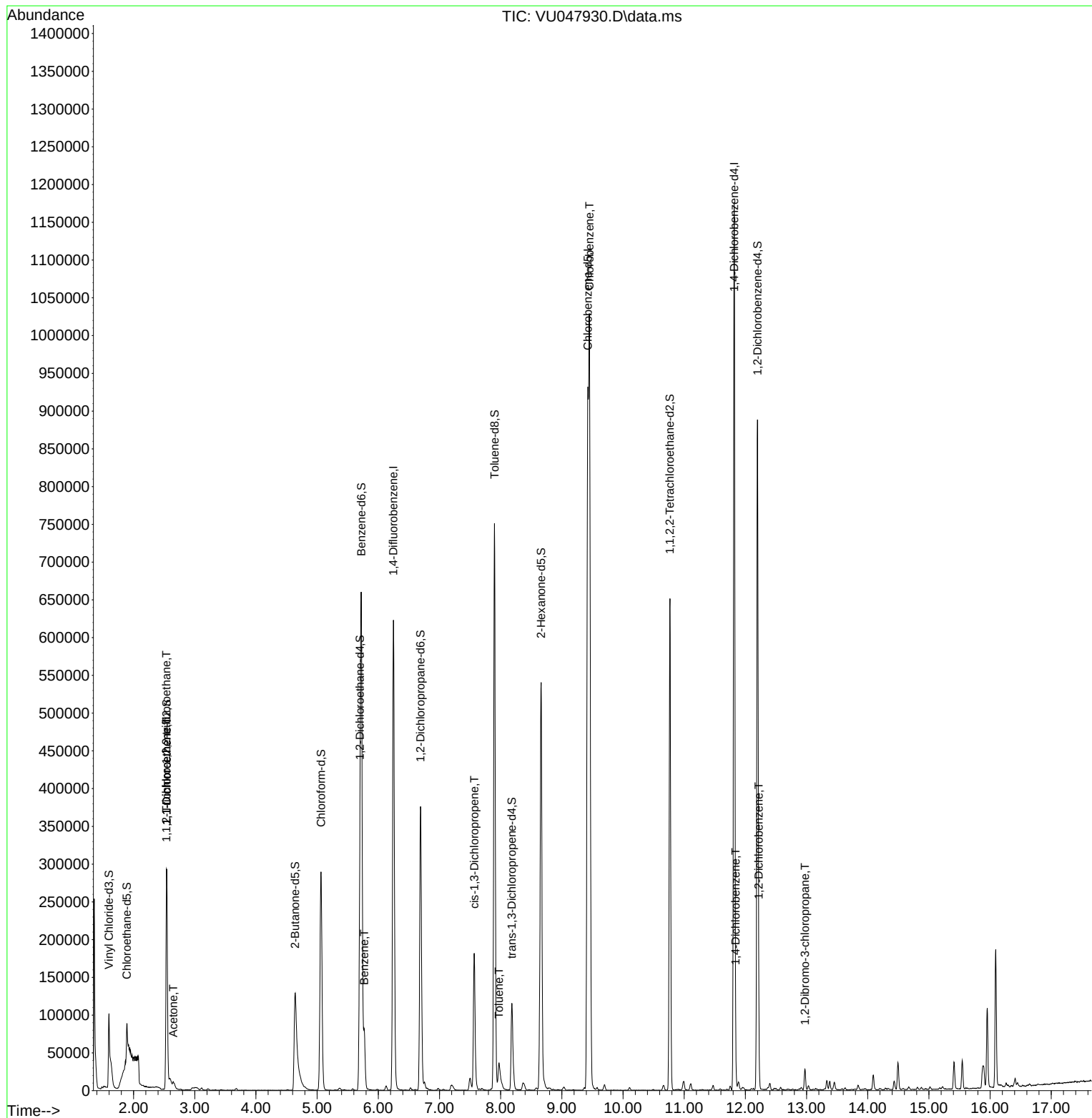
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	562461	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	589635	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	328242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	131347	32.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.400%
7) Chloroethane-d5	1.890	69	77912	24.226	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.460%#
11) 1,1-Dichloroethene-d2	2.539	63	186313	24.967	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.940%#
21) 2-Butanone-d5	4.642	46	278707	79.610	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.610%
24) Chloroform-d	5.063	84	286013	38.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.640%
26) 1,2-Dichloroethane-d4	5.700	65	190831	41.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.380%
32) Benzene-d6	5.723	84	581582	39.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.690	67	192220	42.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.380%
41) Toluene-d8	7.899	98	520246	35.990	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.980%#
43) trans-1,3-Dichloroprop...	8.182	79	78712	34.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.200%
47) 2-Hexanone-d5	8.661	63	221120	82.897	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	316698	40.499	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	241980	41.437	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.880%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	1711	0.413	ug/L #	18
12) 1,1-Dichloroethene	2.539	96	1512	0.392	ug/L #	1
13) Acetone	2.649	43	10541	3.236	ug/L	97
33) Benzene	5.771	78	76981	4.510	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	4861	0.722	ug/L #	53
42) Toluene	7.970	91	23248	1.241	ug/L	98
51) Chlorobenzene	9.452	112	594830	46.781	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	9127	0.894	ug/L	94
67) 1,2-Dichlorobenzene	12.217	146	9505	0.963	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.973	75	3956	1.996	ug/L #	1

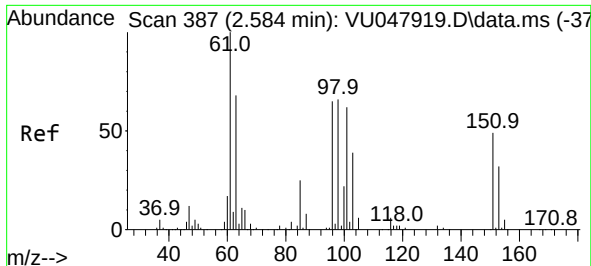
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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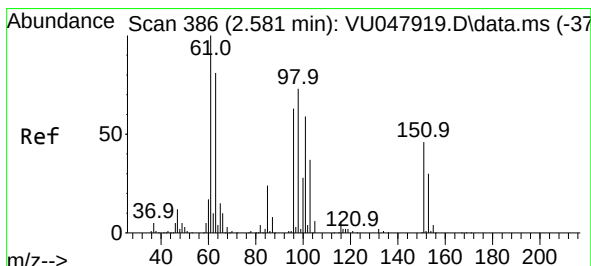
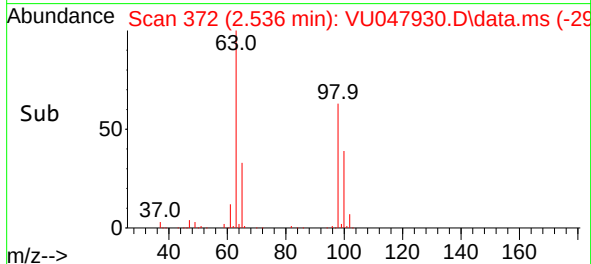
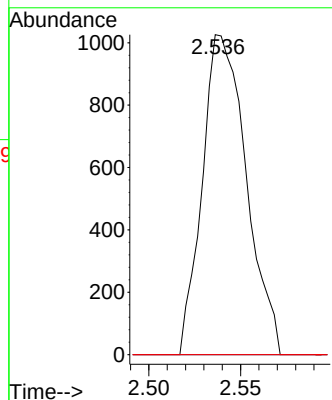
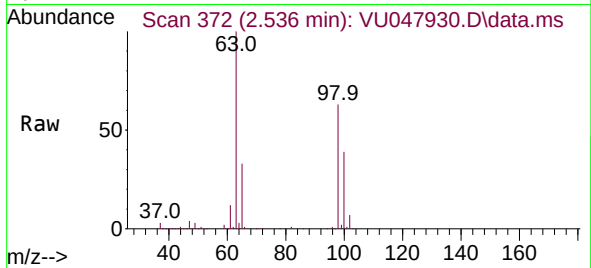




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.413 ug/L
 RT: 2.536 min Scan# 31
 Delta R.T. -0.048 min
 Lab File: VU047930.D
 Acq: 12 Apr 2022 00:55

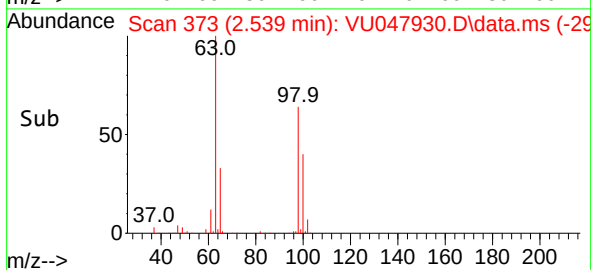
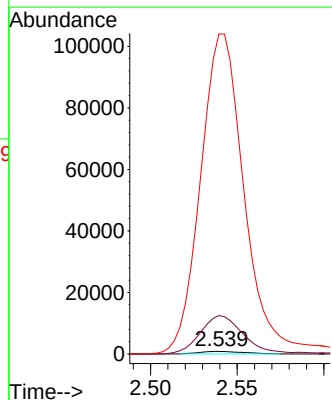
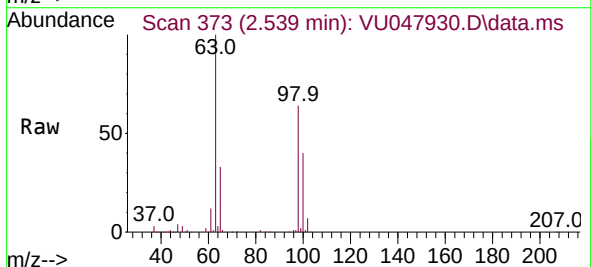
Instrument :
 MSVOA_U
 ClientSampleId :

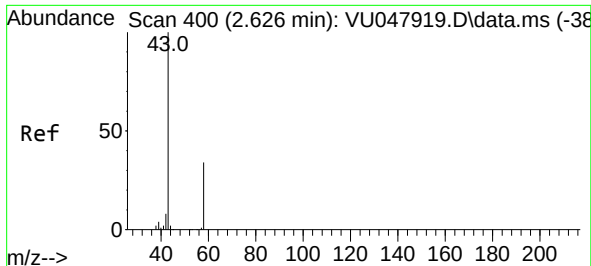
Tgt Ion:101 Resp: 1711
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.392 ug/L
 RT: 2.539 min Scan# 373
 Delta R.T. -0.042 min
 Lab File: VU047930.D
 Acq: 12 Apr 2022 00:55

Tgt Ion: 96 Resp: 1512
 Ion Ratio Lower Upper
 96 100
 61 1475.0 113.1 210.1#
 63 12311.5 94.8 176.0#





#13

Acetone

Concen: 3.236 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.023 min

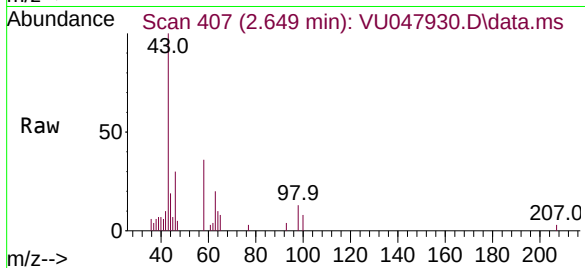
Lab File: VU047930.D

Acq: 12 Apr 2022 00:55

Instrument :

MSVOA_U

ClientSampleId :

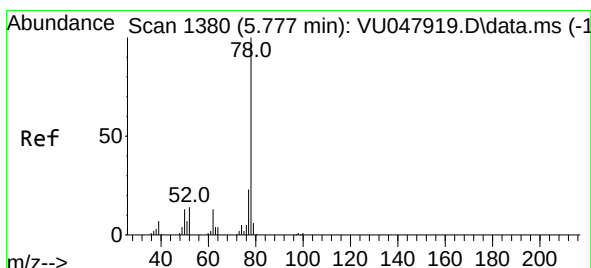
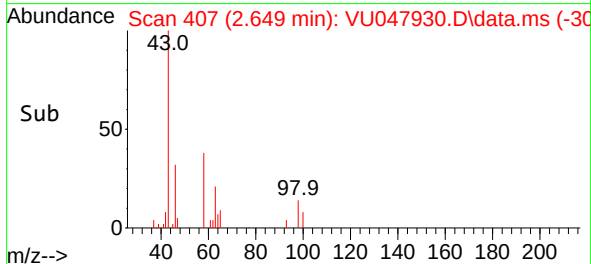
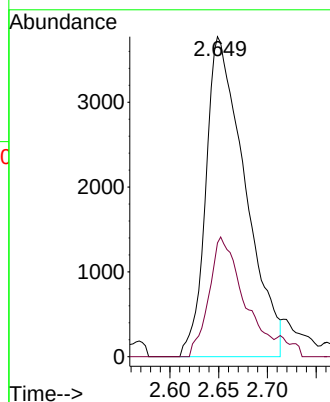


Tgt Ion: 43 Resp: 10541

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.0



#33

Benzene

Concen: 4.510 ug/L

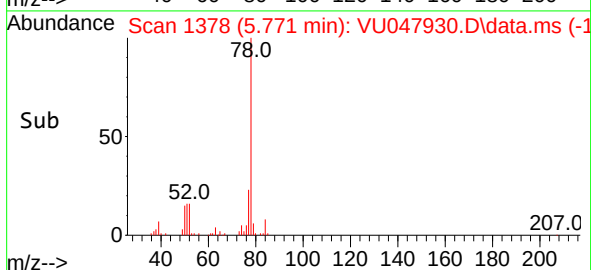
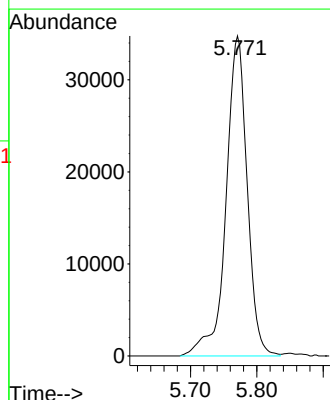
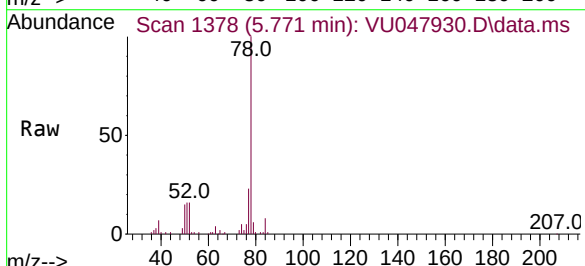
RT: 5.771 min Scan# 1378

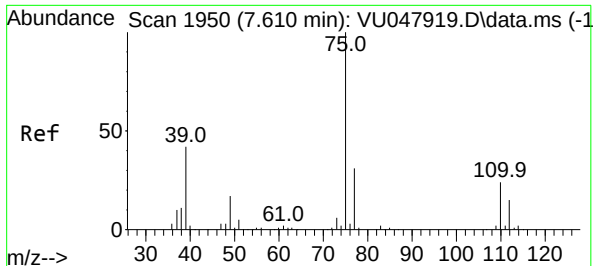
Delta R.T. -0.006 min

Lab File: VU047930.D

Acq: 12 Apr 2022 00:55

Tgt Ion: 78 Resp: 76981





#39

cis-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047930.D

Acq: 12 Apr 2022 00:55

Instrument :

MSVOA_U

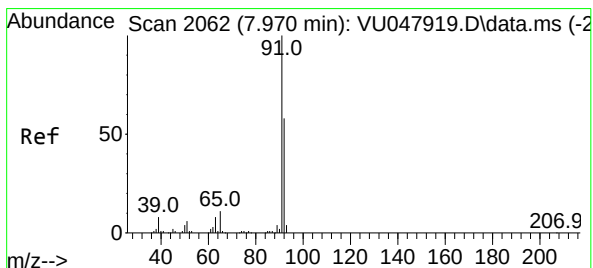
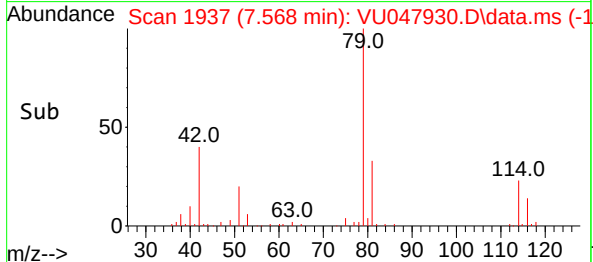
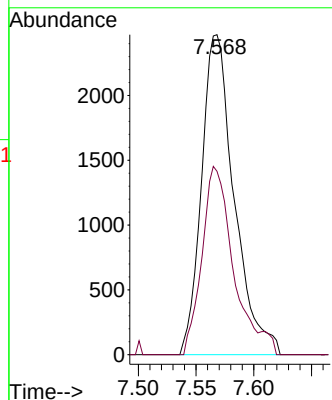
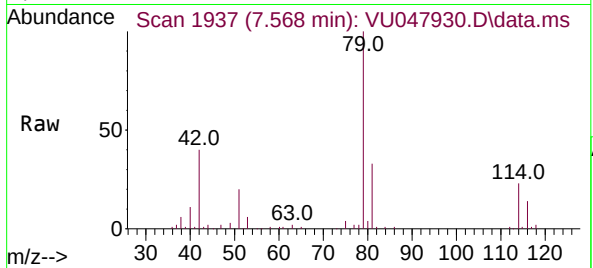
ClientSampleId :

Tgt Ion: 75 Resp: 4861

Ion Ratio Lower Upper

75 100

77 57.3 21.8 40.6#



#42

Toluene

Concen: 1.241 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047930.D

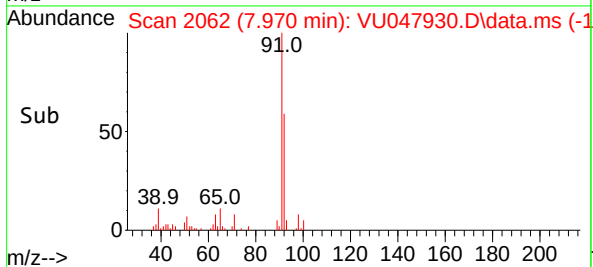
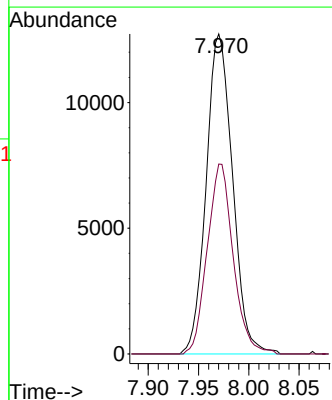
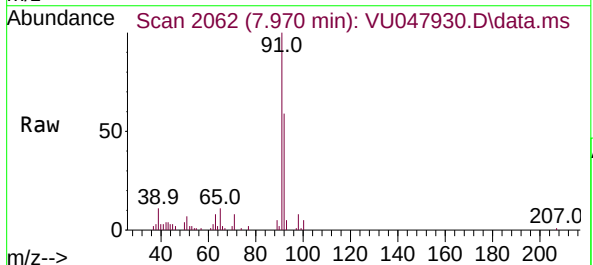
Acq: 12 Apr 2022 00:55

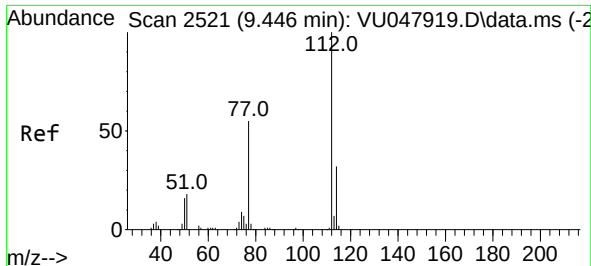
Tgt Ion: 91 Resp: 23248

Ion Ratio Lower Upper

91 100

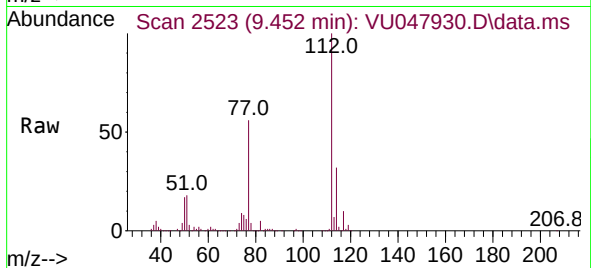
92 59.3 40.4 75.0



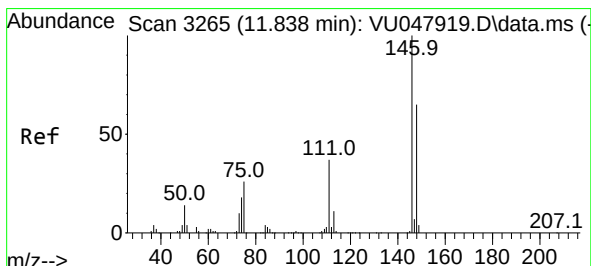
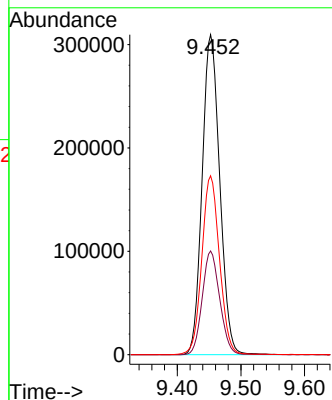
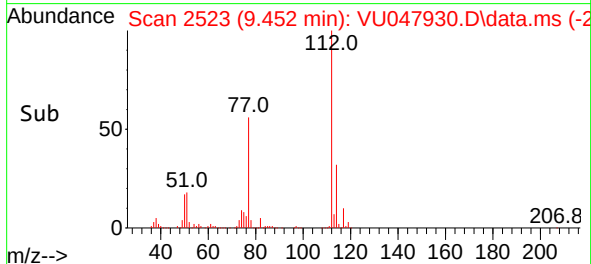


#51
Chlorobenzene
Concen: 46.781 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047930.D
Acq: 12 Apr 2022 00:55

Instrument :
MSVOA_U
ClientSampleId :

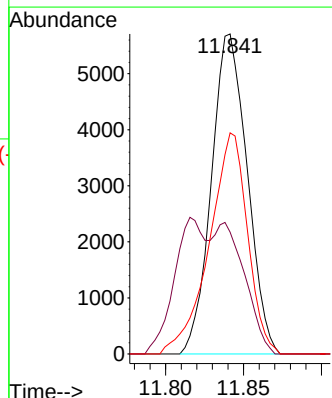
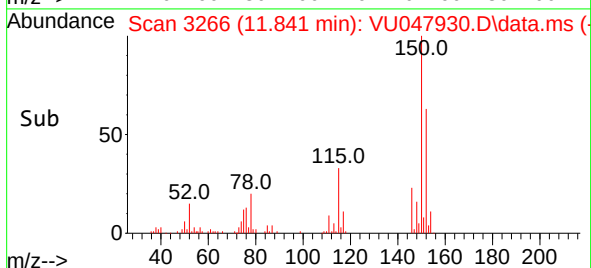
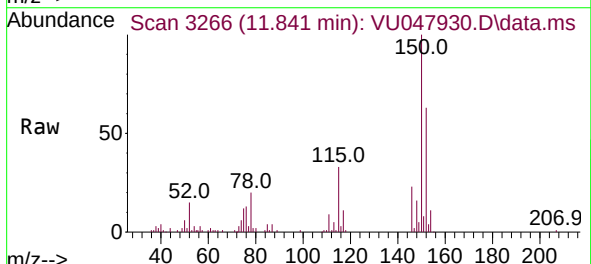


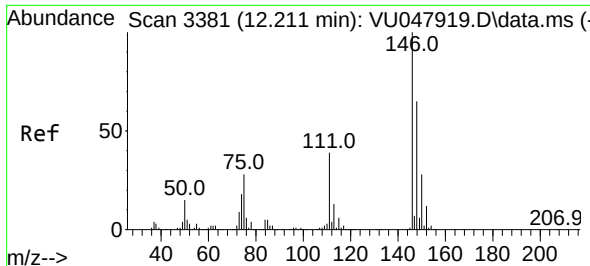
Tgt Ion:112 Resp: 594830
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 55.9 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 0.894 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU047930.D
Acq: 12 Apr 2022 00:55

Tgt Ion:146 Resp: 9127
Ion Ratio Lower Upper
146 100
111 38.0 25.3 47.1
148 69.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.963 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU047930.D

Acq: 12 Apr 2022 00:55

Instrument :

MSVOA_U

ClientSampleId :

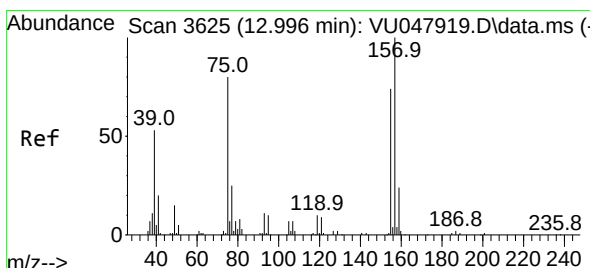
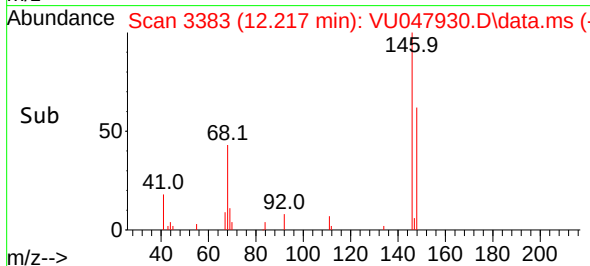
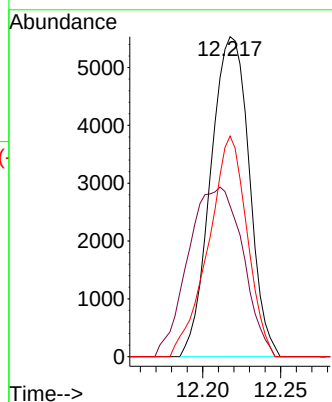
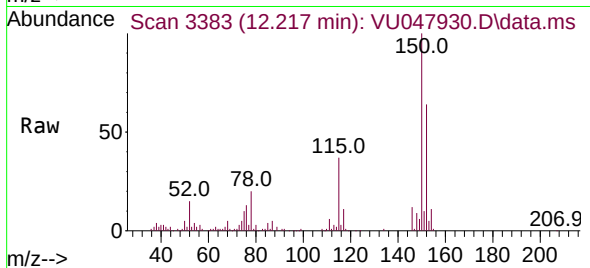
Tgt Ion:146 Resp: 9505

Ion Ratio Lower Upper

146 100

111 47.1 31.7 47.5

148 69.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 1.996 ug/L

RT: 12.973 min Scan# 3618

Delta R.T. -0.022 min

Lab File: VU047930.D

Acq: 12 Apr 2022 00:55

Tgt Ion: 75 Resp: 3956

Ion Ratio Lower Upper

75 100

155 0.0 78.9 118.3#

157 0.0 97.5 146.3#

