

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047958.D
 Acq On : 12 Apr 2022 16:10
 Operator : SY/MD
 Sample : N2293-14ME
 Misc : 5.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:35:51 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)

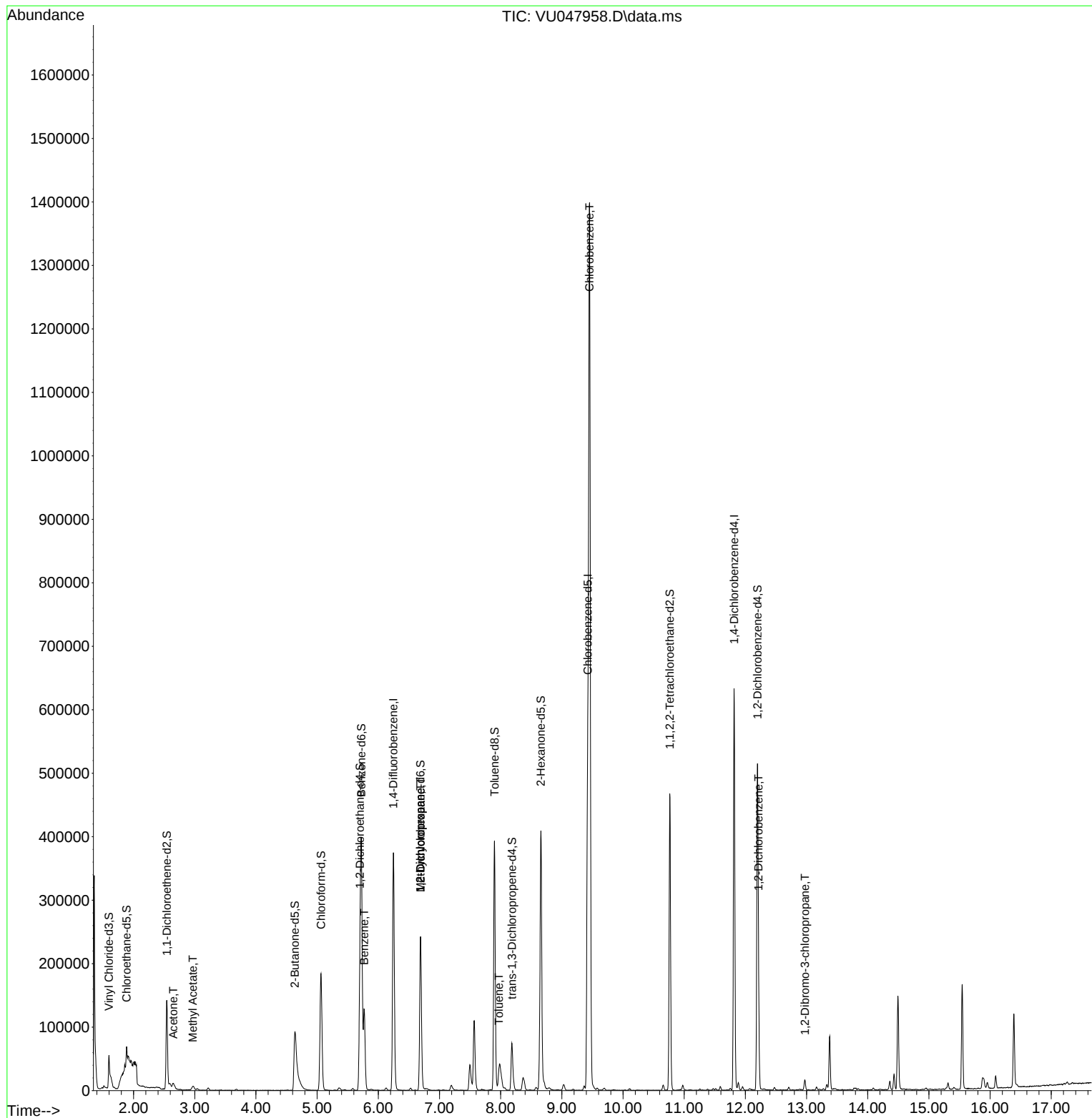
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	335186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	346724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	176264	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66483	27.352	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	54.700%#		
7) Chloroethane-d5	1.887	69	27877	14.545	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	29.100%#		
11) 1,1-Dichloroethene-d2	2.543	63	89605	20.149	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	40.300%#		
21) 2-Butanone-d5	4.636	46	204929	98.227	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.230%		
24) Chloroform-d	5.064	84	180402	40.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.120%		
26) 1,2-Dichloroethane-d4	5.700	65	129225	47.375	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.740%		
32) Benzene-d6	5.723	84	346177	39.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.360%		
36) 1,2-Dichloropropane-d6	6.690	67	124231	46.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.740%		
41) Toluene-d8	7.899	98	273543	32.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	64.360%#		
43) trans-1,3-Dichloroprop...	8.186	79	50812	37.432	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.860%		
47) 2-Hexanone-d5	8.658	63	161467	102.943	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.940%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	229473	49.904	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.800%		
66) 1,2-Dichlorobenzene-d4	12.198	152	133560	42.591	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.180%		
Target Compounds						Qvalue
13) Acetone	2.649	43	13484	6.945	ug/L	64
15) Methyl Acetate	2.967	43	5742	1.855	ug/L #	71
33) Benzene	5.771	78	127221	12.676	ug/L	100
35) Methylcyclohexane	6.690	83	28823	7.201	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13051	5.115	ug/L #	87
42) Toluene	7.970	91	17395	1.580	ug/L	95
51) Chlorobenzene	9.452	112	863510	115.489	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	19403	3.662	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.973	75	2703	2.539	ug/L #	1

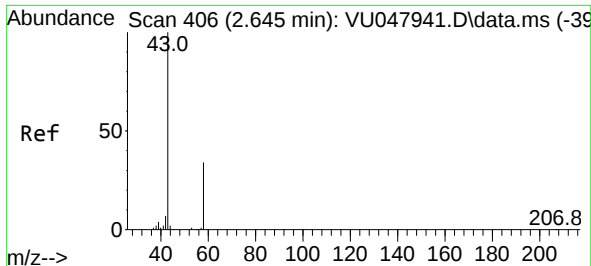
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 6.945 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU047958.D

Acq: 12 Apr 2022 16:10

Instrument :

MSVOA_U

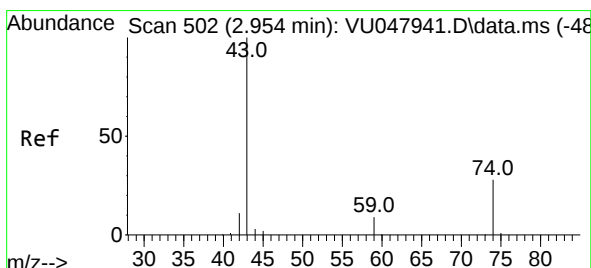
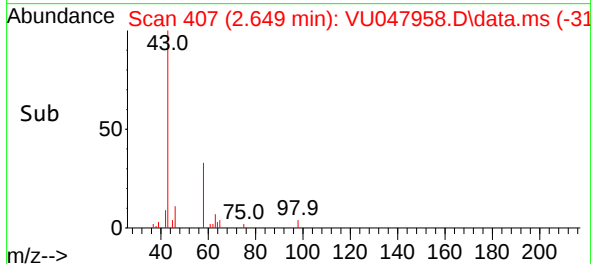
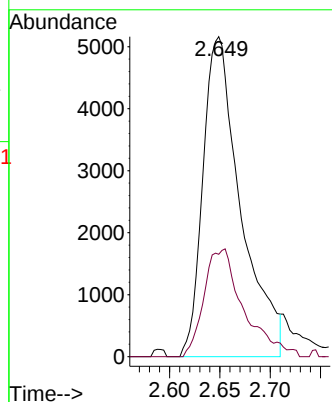
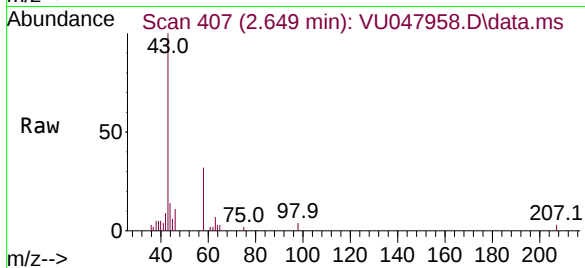
ClientSampleId :

Tgt Ion: 43 Resp: 13484

Ion Ratio Lower Upper

43 100

58 14.3 0.0 70.0



#15

Methyl Acetate

Concen: 1.855 ug/L

RT: 2.967 min Scan# 506

Delta R.T. 0.013 min

Lab File: VU047958.D

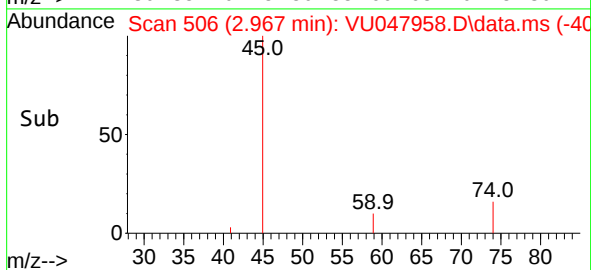
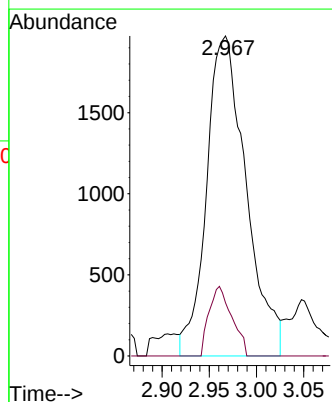
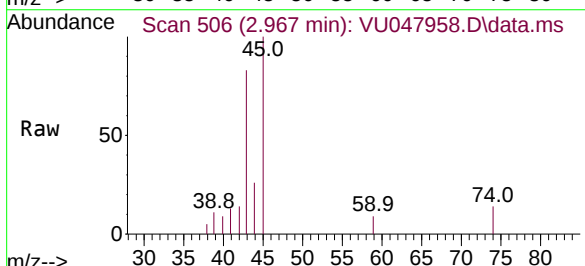
Acq: 12 Apr 2022 16:10

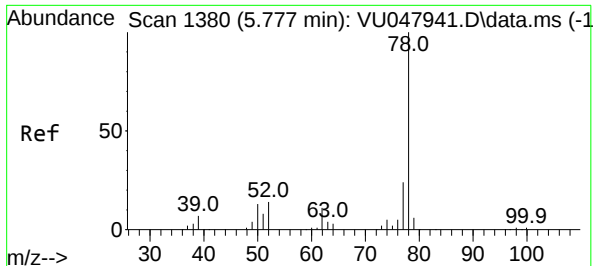
Tgt Ion: 43 Resp: 5742

Ion Ratio Lower Upper

43 100

74 12.5 22.2 33.2#

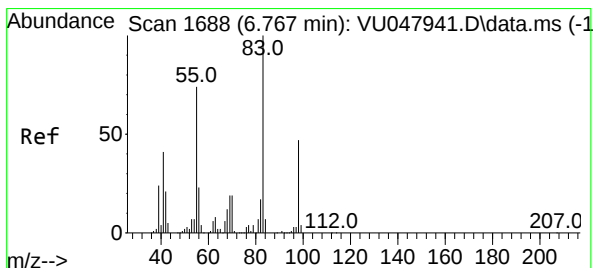
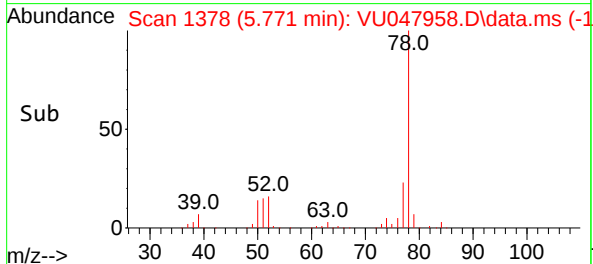
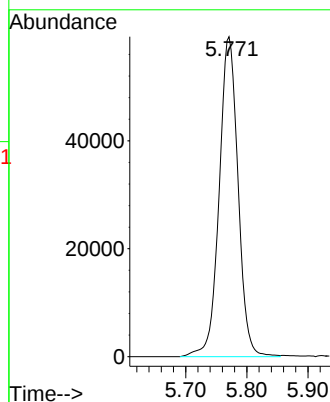
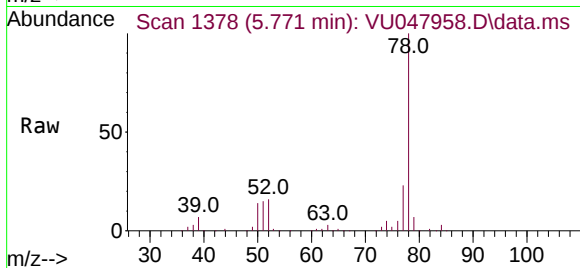




#33
Benzene
Concen: 12.676 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU047958.D
Acq: 12 Apr 2022 16:10

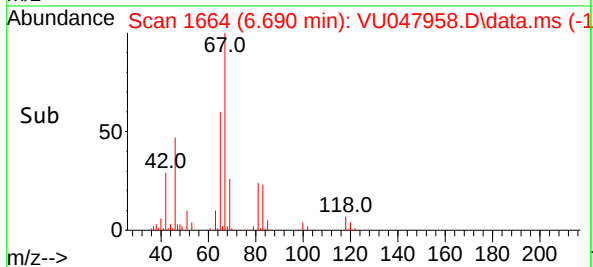
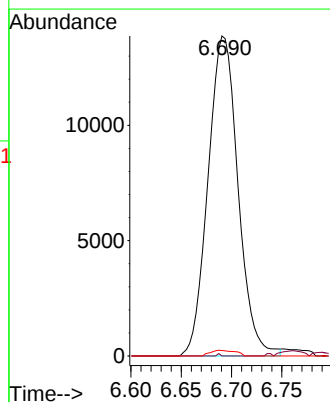
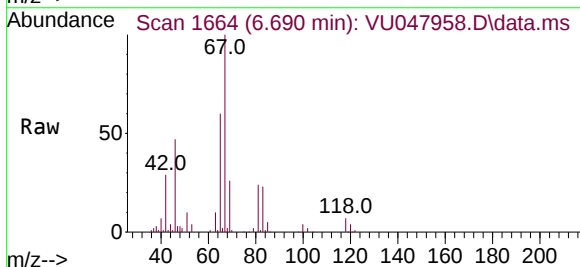
Instrument :
MSVOA_U
ClientSampleId :

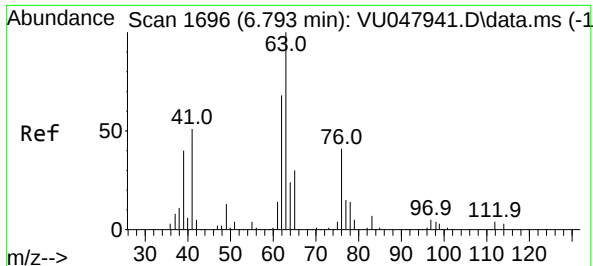
Tgt Ion: 78 Resp: 127221



#35
Methylcyclohexane
Concen: 7.201 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047958.D
Acq: 12 Apr 2022 16:10

Tgt Ion: 83 Resp: 28823
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 1.5 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.115 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047958.D

Acq: 12 Apr 2022 16:10

Instrument :

MSVOA_U

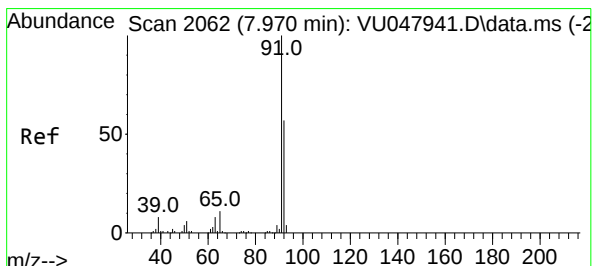
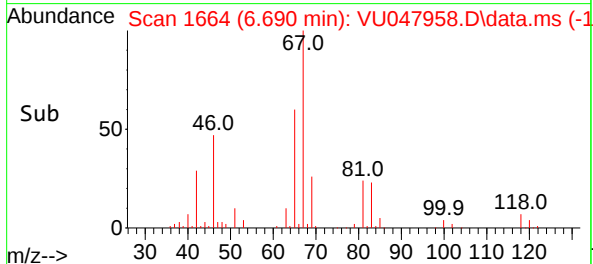
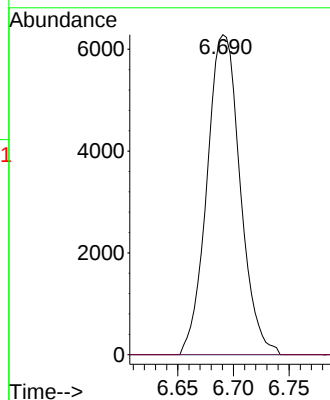
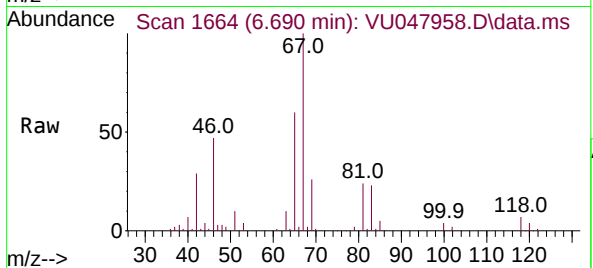
ClientSampleId :

Tgt Ion: 63 Resp: 13051

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 1.580 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047958.D

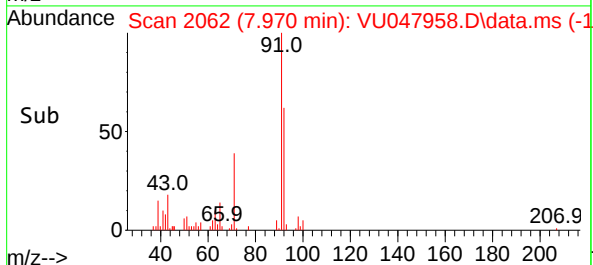
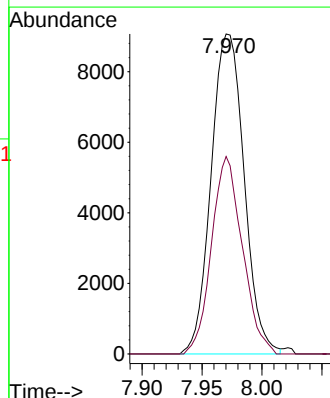
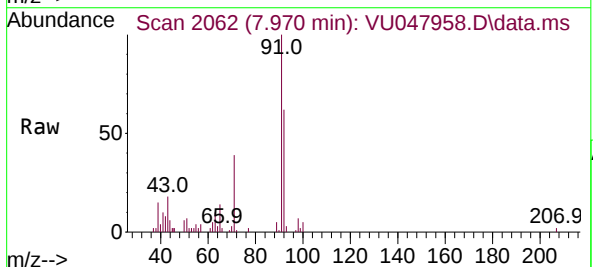
Acq: 12 Apr 2022 16:10

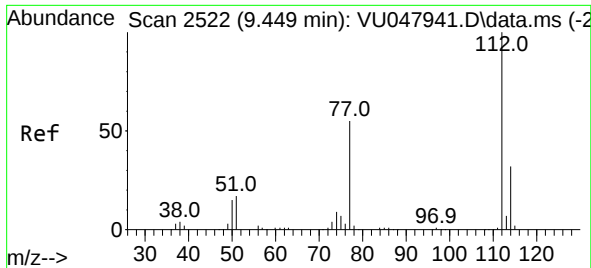
Tgt Ion: 91 Resp: 17395

Ion Ratio Lower Upper

91 100

92 61.7 40.4 75.0

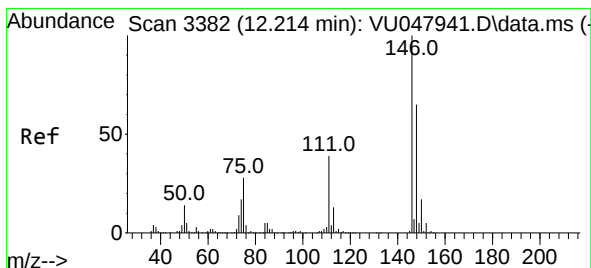
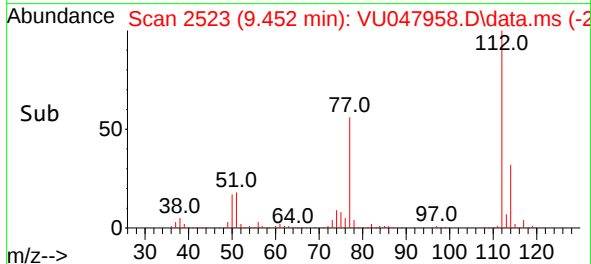
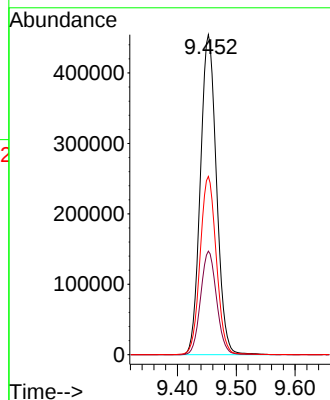
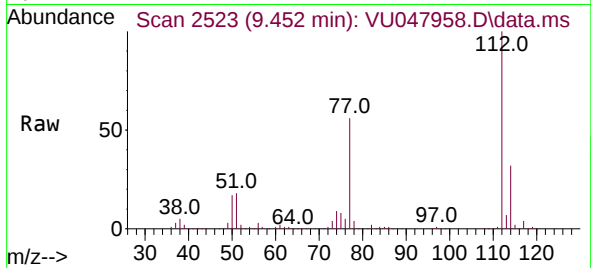




#51
Chlorobenzene
Concen: 115.489 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047958.D
Acq: 12 Apr 2022 16:10

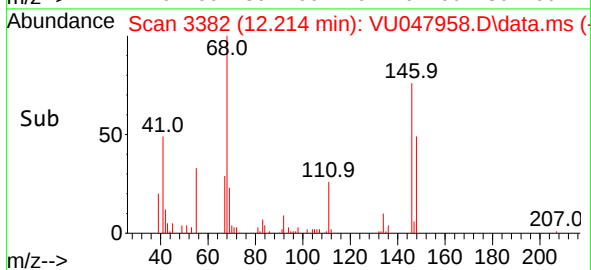
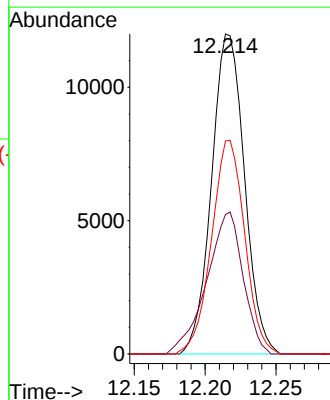
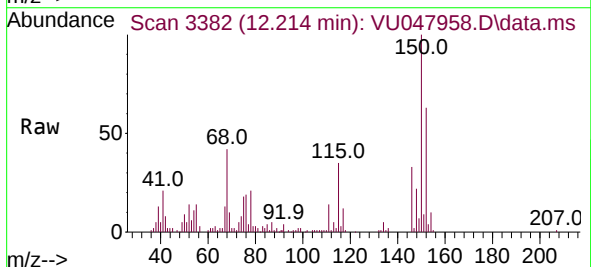
Instrument :
MSVOA_U
ClientSampleId :

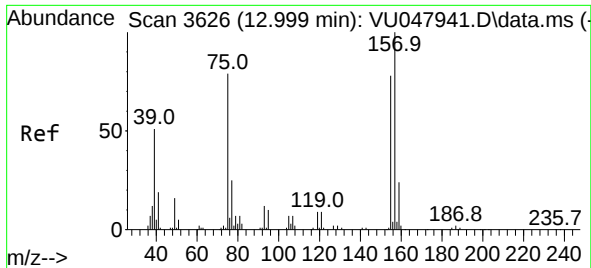
Tgt Ion:112 Resp: 863510
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 55.7 43.4 65.0



#67
1,2-Dichlorobenzene
Concen: 3.662 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047958.D
Acq: 12 Apr 2022 16:10

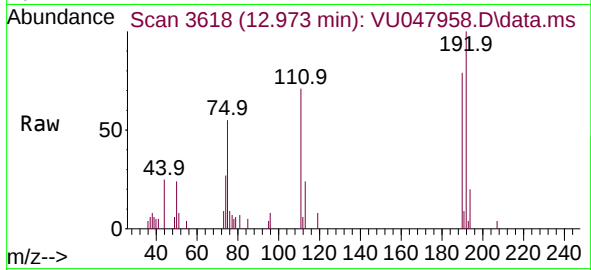
Tgt Ion:146 Resp: 19403
Ion Ratio Lower Upper
146 100
111 43.6 31.7 47.5
148 66.5 51.4 77.2





#68
1,2-Dibromo-3-chloropropane
Concen: 2.539 ug/L
RT: 12.973 min Scan# 30
Delta R.T. -0.026 min
Lab File: VU047958.D
Acq: 12 Apr 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 2703
Ion Ratio Lower Upper
75 100
155 0.0 78.9 118.3#
157 0.0 97.5 146.3#

