

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021721\
 Data File : VW020347.D
 Acq On : 17 Feb 2021 17:30
 Operator : SY/MD
 Sample : M1414-15RE 4X
 Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 18 00:35:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 00:34:19 2021
 Response via : Initial Calibration

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

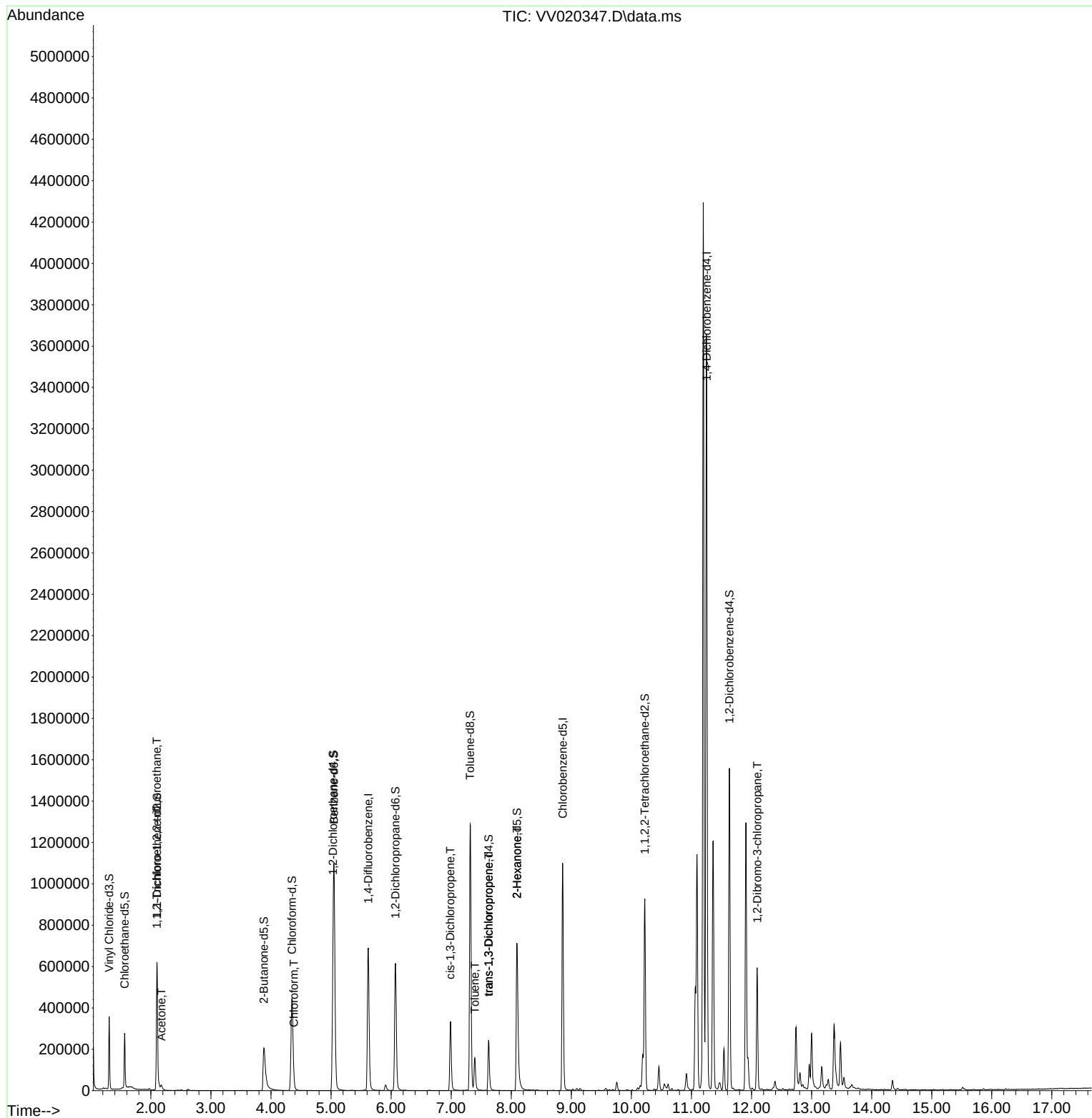
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	601751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	598083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	351458	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	218305	49.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.52%		
7) Chloroethane-d5	1.564	69	158440	44.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.04%		
11) 1,1-Dichloroethene-d2	2.101	63	325105	39.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.40%		
21) 2-Butanone-d5	3.883	46	380533	155.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	155.25%#		
24) Chloroform-d	4.349	84	459680	58.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.76%		
26) 1,2-Dichloroethane-d4	5.034	65	325154	65.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	131.38%#		
32) Benzene-d6	5.050	84	929875	60.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	120.02%		
36) 1,2-Dichloropropane-d6	6.072	67	299113	64.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	129.32%#		
41) Toluene-d8	7.317	98	856914	58.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.70%		
43) trans-1,3-Dichloroprop...	7.622	79	137071	58.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	116.26%		
47) 2-Hexanone-d5	8.095	63	289455	150.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	150.40%#		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	432731	65.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	130.28%#		
64) 1,2-Dichlorobenzene-d4	11.631	152	406551	61.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	122.26%#		
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	2749	0.71	ug/L #	23
13) Acetone	2.175	43	29999	17.34	ug/L	97
25) Chloroform	4.381	83	9783	1.33	ug/L	81
39) cis-1,3-Dichloropropene	6.985	75	7898	1.23	ug/L #	55
42) Toluene	7.394	91	116694	6.63	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	6057	0.97	ug/L	89
48) 2-Hexanone	8.095	43	35097	8.98	ug/L #	74
66) 1,2-Dibromo-3-chloropr...	12.094	75	5143	3.23	ug/L #	7

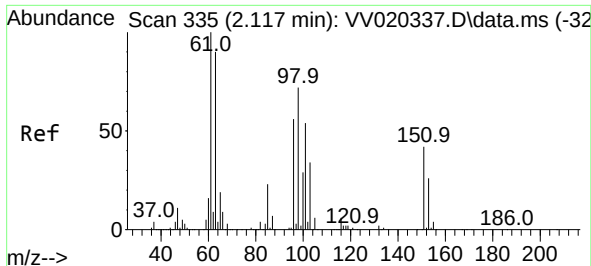
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

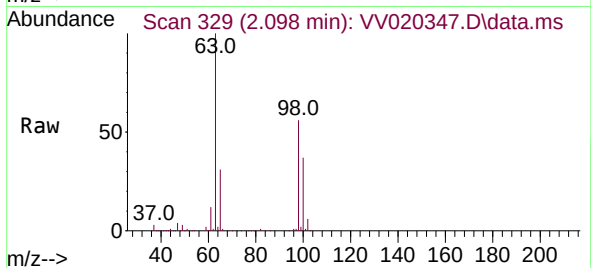
Quant Time: Feb 18 00:35:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 00:34:19 2021
Response via : Initial Calibration



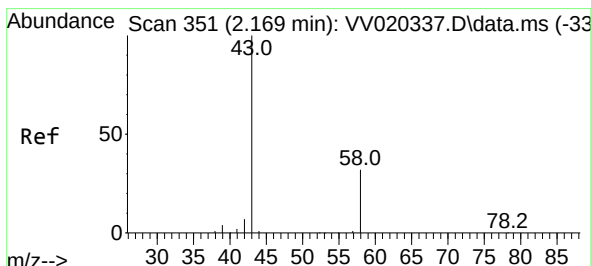
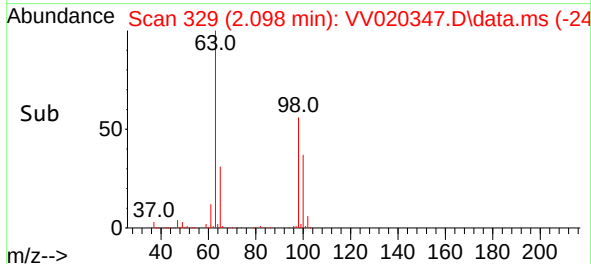
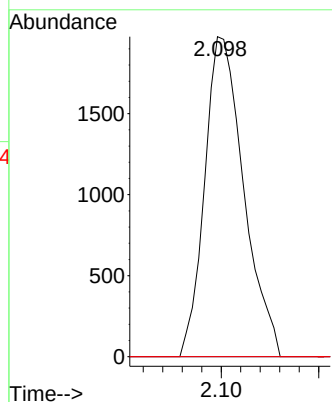


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.71 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV020347.D
 Acq: 17 Feb 2021 17:30

Instrument :
 MSVOA_V
 ClientSampleId :

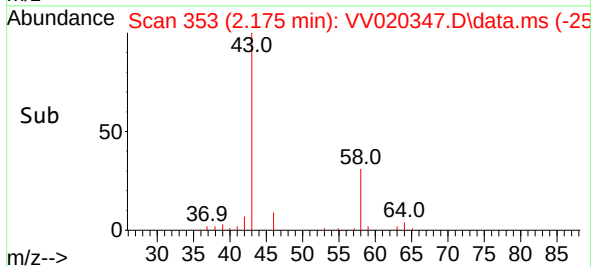
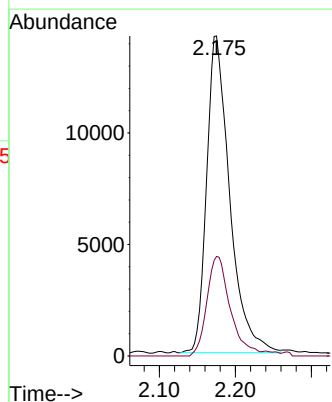
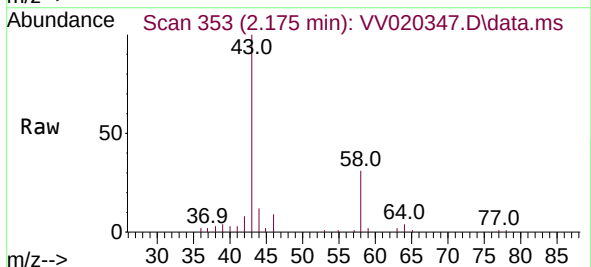


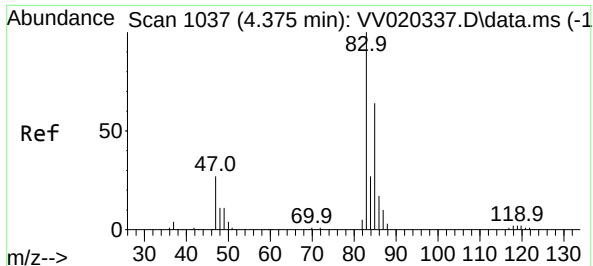
Tgt Ion: 101 Resp: 2749
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#



#13
 Acetone
 Concen: 17.34 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VV020347.D
 Acq: 17 Feb 2021 17:30

Tgt Ion: 43 Resp: 29999
 Ion Ratio Lower Upper
 43 100
 58 31.7 0.0 60.2





#25

Chloroform

Concen: 1.33 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV020347.D

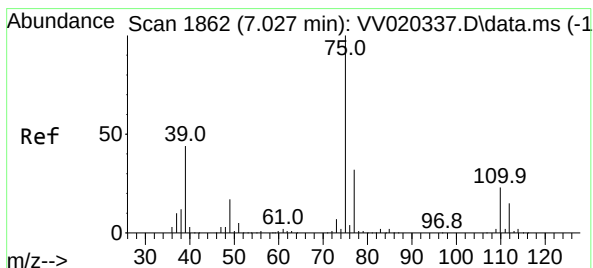
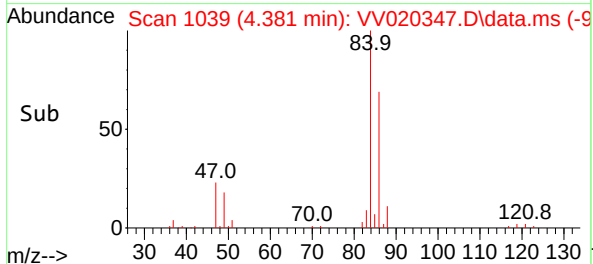
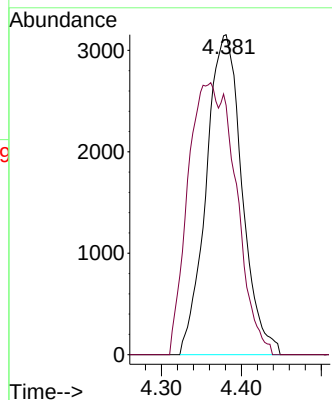
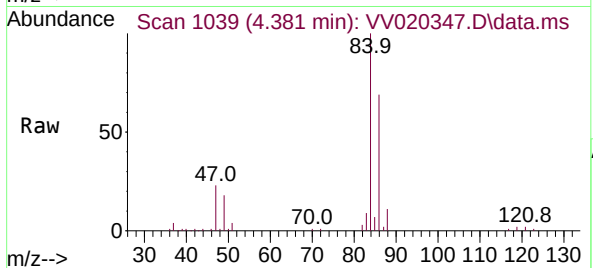
Acq: 17 Feb 2021 17:30

Tgt Ion: 83 Resp: 9783

Ion Ratio Lower Upper

83 100

85 77.9 44.2 82.2



#39

cis-1,3-Dichloropropene

Concen: 1.23 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV020347.D

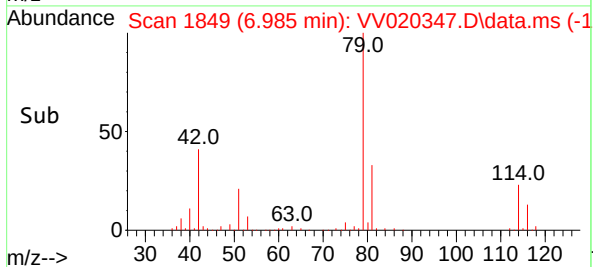
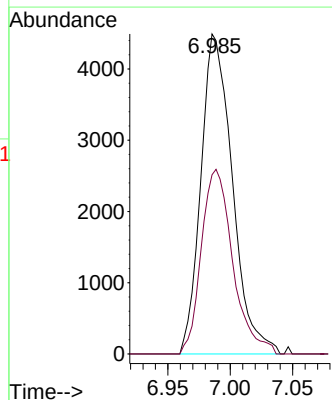
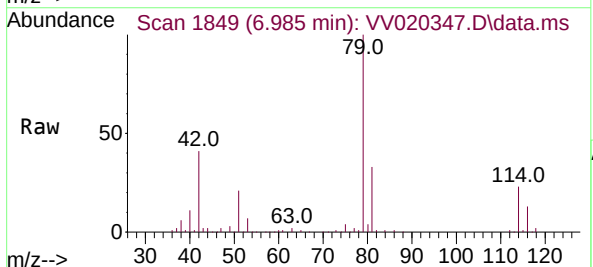
Acq: 17 Feb 2021 17:30

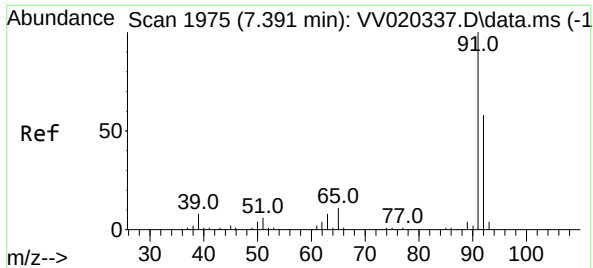
Tgt Ion: 75 Resp: 7898

Ion Ratio Lower Upper

75 100

77 56.0 21.8 40.6#

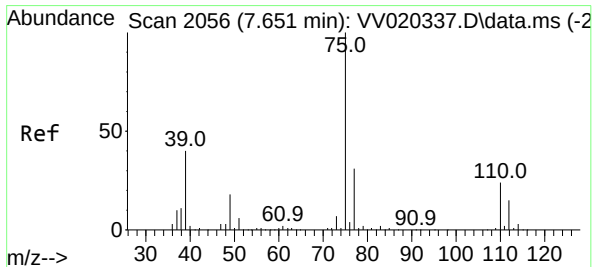
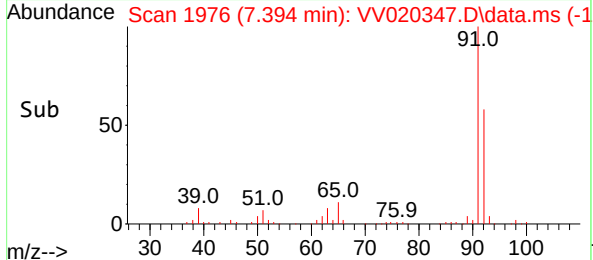
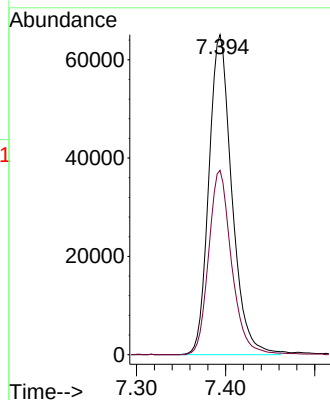
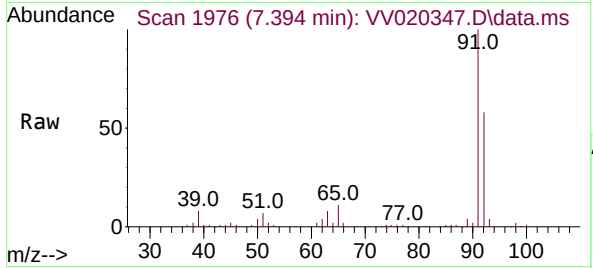




#42
Toluene
Concen: 6.63 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV020347.D
Acq: 17 Feb 2021 17:30

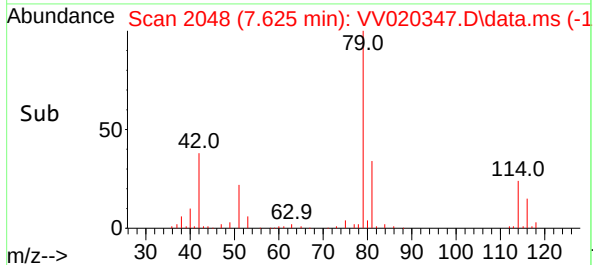
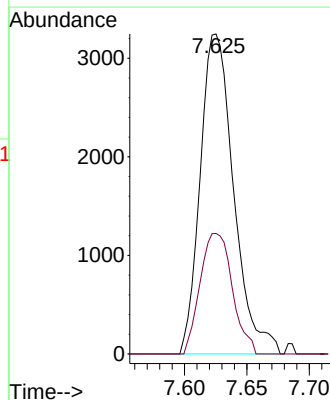
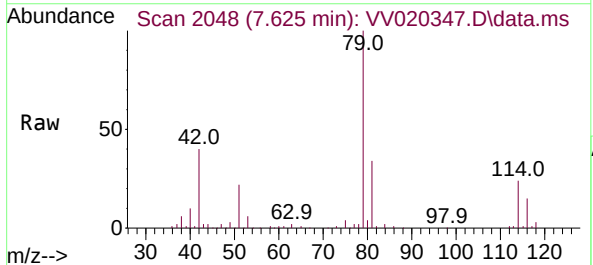
Instrument :
MSVOA_V
ClientSampled :

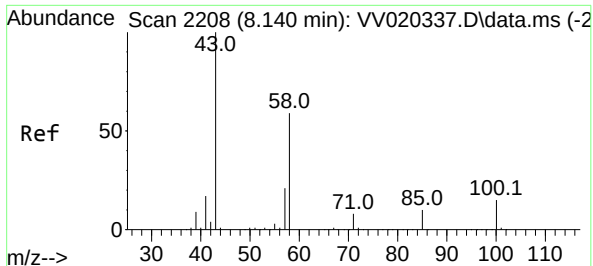
Tgt Ion: 91 Resp: 116694
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 0.97 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV020347.D
Acq: 17 Feb 2021 17:30

Tgt Ion: 75 Resp: 6057
Ion Ratio Lower Upper
75 100
77 37.7 22.0 41.0





#48

2-Hexanone

Concen: 8.98 ug/L

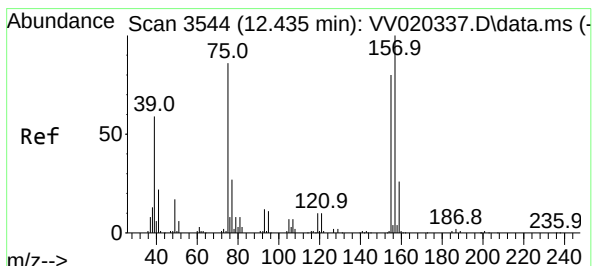
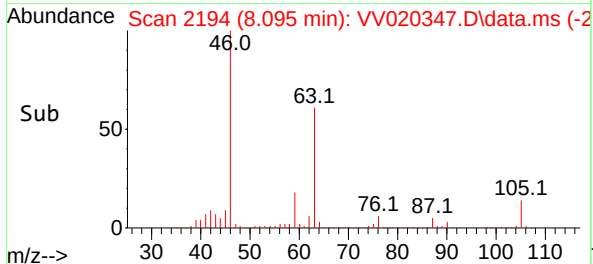
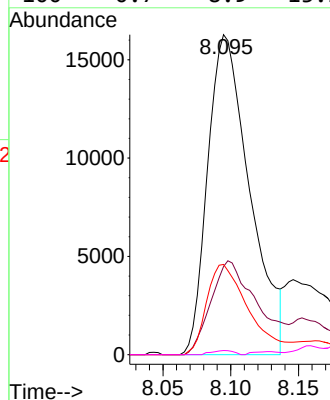
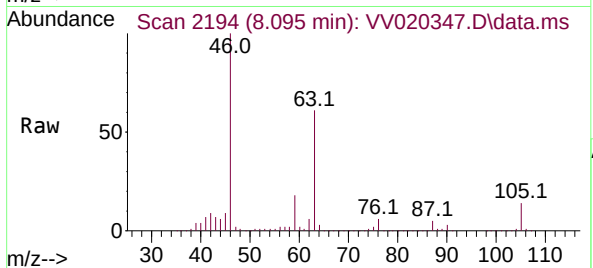
RT: 8.095 min Scan# 2194

Delta R.T. -0.045 min

Lab File: VV020347.D

Acq: 17 Feb 2021 17:30

Tgt Ion:	43	Resp:	35097
Ion	Ratio	Lower	Upper
43	100		
58	33.4	41.8	62.6#
57	28.2	15.0	22.4#
100	0.7	8.9	13.3#



#66

1,2-Dibromo-3-chloropropane

Concen: 3.23 ug/L

RT: 12.094 min Scan# 3438

Delta R.T. -0.341 min

Lab File: VV020347.D

Acq: 17 Feb 2021 17:30

Tgt Ion:	75	Resp:	5143
Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.1	88.7#
157	0.0	75.4	113.0#

