

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014293.D
 Acq On : 14 Jan 2020 13:38
 Operator : SY/MD
 Sample : L1109-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 14 22:22:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	965381	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	873302	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	397055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	249217	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	213380	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.13	63	322542	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.94	46	746636	46.01	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	4.40	84	551205	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	282478	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.10	84	1155857	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	365609	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	1016301	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	150541	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	674018	44.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	255836	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	326873	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

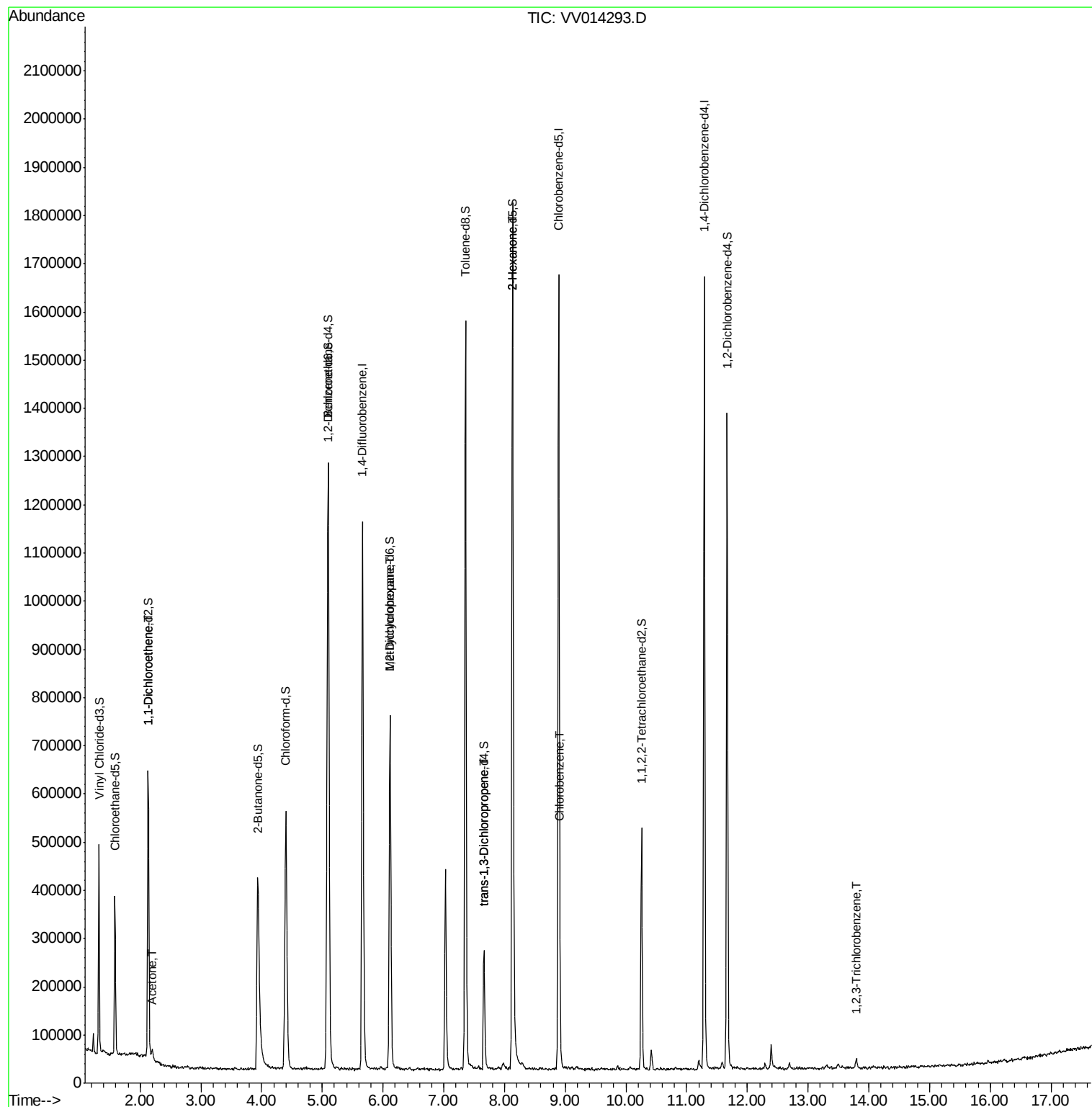
					Ovalue
12) 1,1-Dichloroethene	2.13	96	3109	0.072 ug/L #	1
13) Acetone	2.20	43	14495	1.297 ug/L	82
35) Methylcyclohexane	6.12	83	87340	0.773 ug/L #	19
44) trans-1,3-Dichloropropene	7.66	75	6199	0.073 ug/L	92
48) 2-Hexanone	8.13	43	82556	2.789 ug/L #	69
51) Chlorobenzene	8.92	112	10459	0.060 ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	5625	0.081 ug/L	91

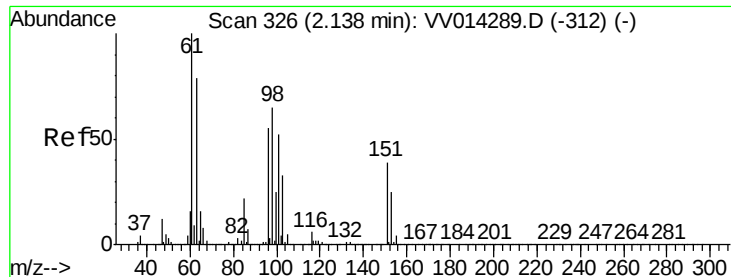
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014293.D

Acq: 14 Jan 2020 13:38

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MSVOA_V
ClientSampleId :

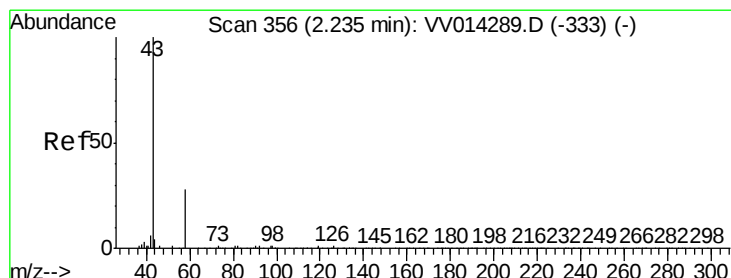
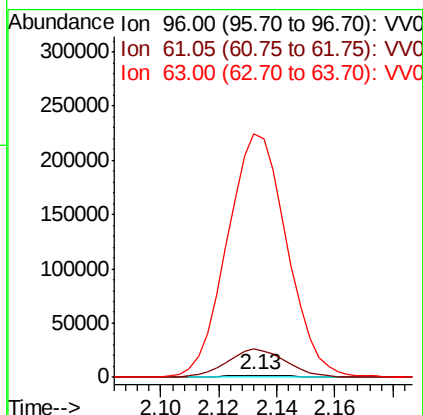
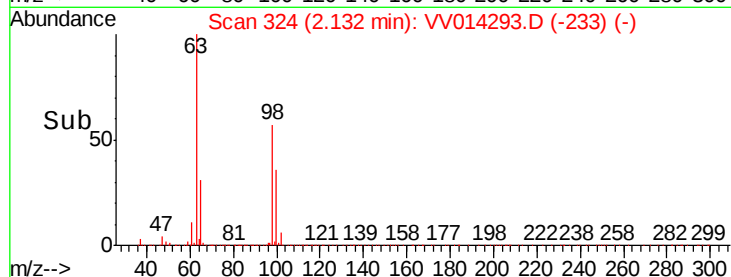
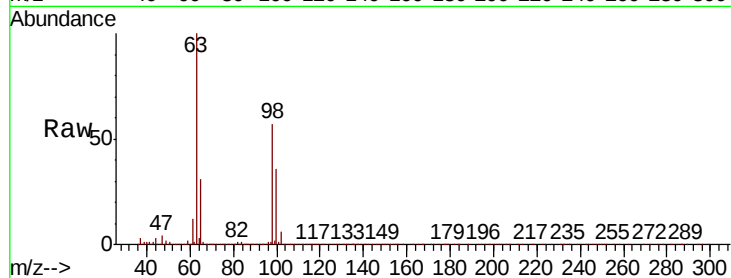
Tot Ion: 96 Resp: 3109

Ion Ratio Lower Upper

96 100

61 1333.7 121.5 225.7#

63 11510.2 90.3 167.7#



#13

Acetone

Concen: 1.297 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV014293.D

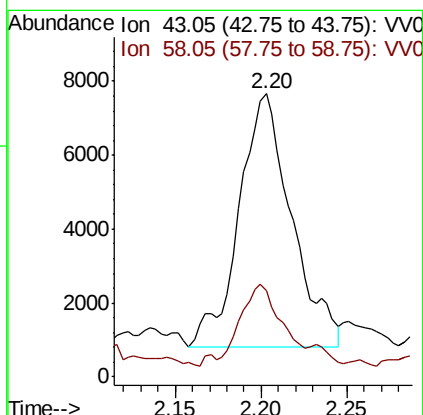
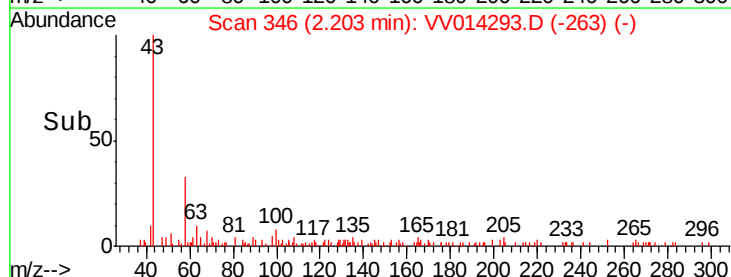
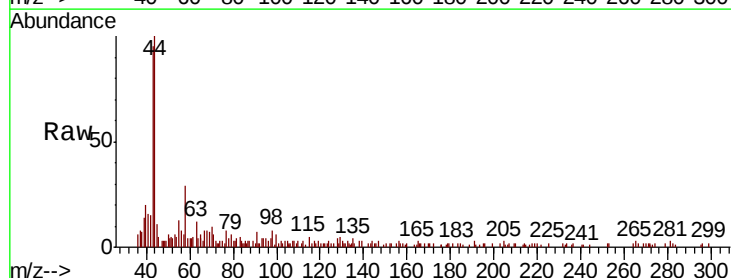
Acq: 14 Jan 2020 13:38

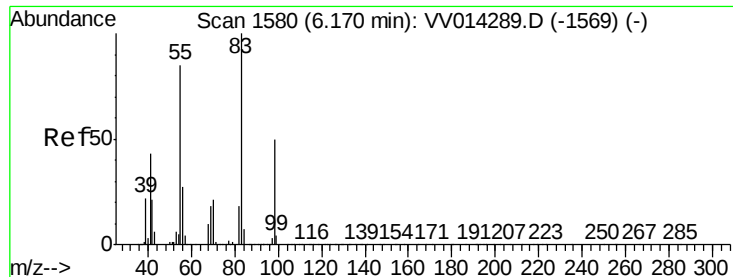
Tgt Ion: 43 Resp: 14495

Ion Ratio Lower Upper

43 100

58 23.0 0.0 66.0

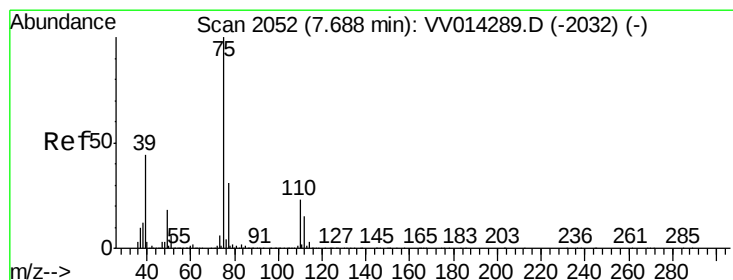
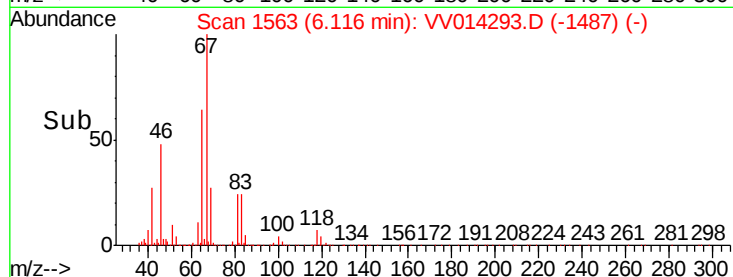
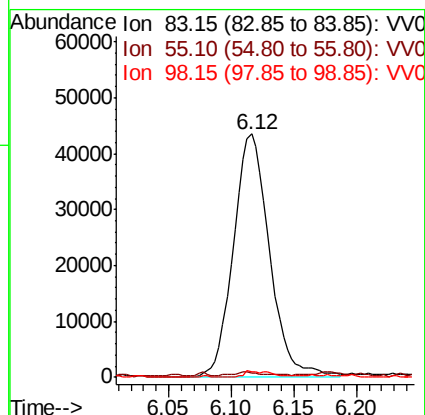
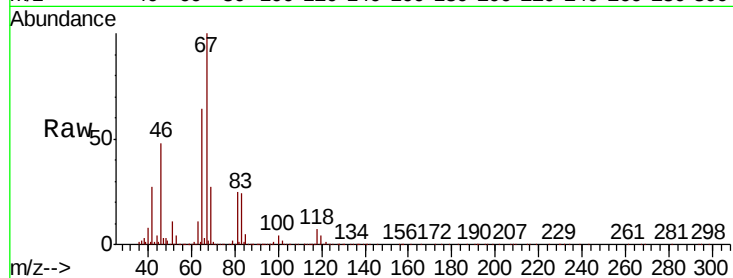




#35
Methvlcvclohexane
Concen: 0.773 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014293.D
Acq: 14 Jan 2020 13:38

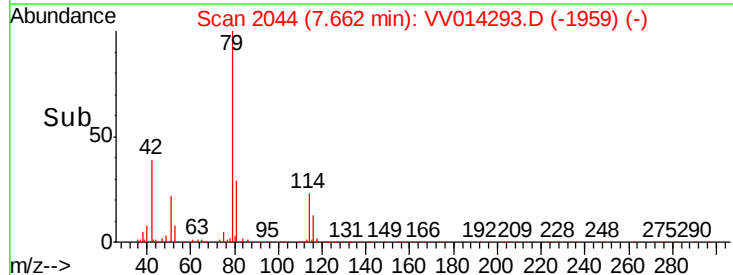
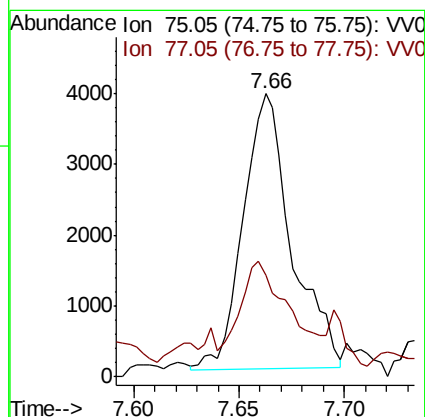
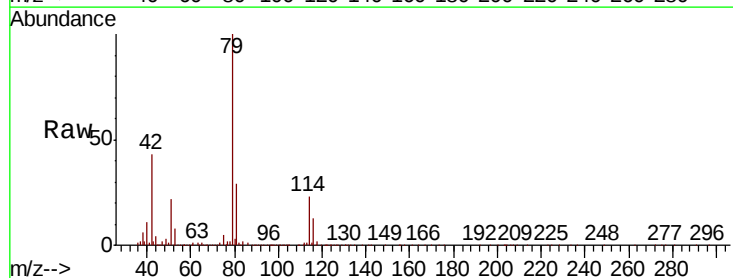
Instrument :
MSVOA_V
ClientSampleId :

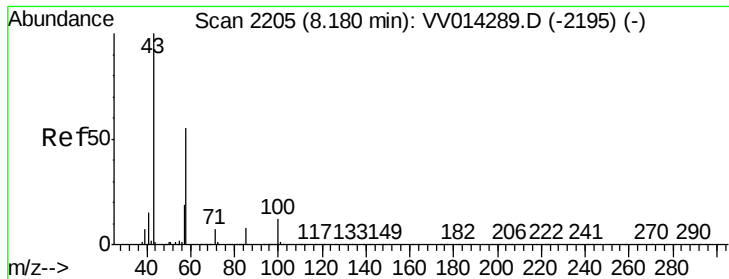
Tot Ion: 83 Resp: 87340
Ion Ratio Lower Upper
83 100
55 0.8 61.7 92.5#
98 1.0 38.1 57.1#



#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014293.D
Acq: 14 Jan 2020 13:38

Tgt Ion: 75 Resp: 6199
Ion Ratio Lower Upper
75 100
77 35.9 22.0 41.0

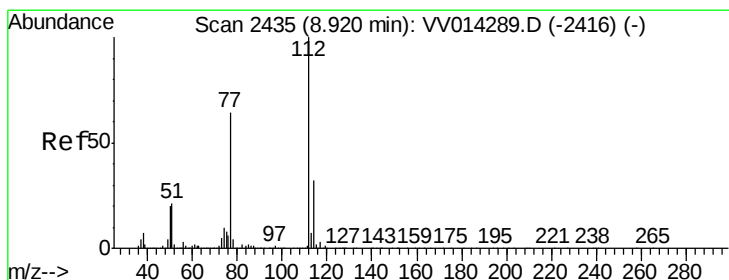
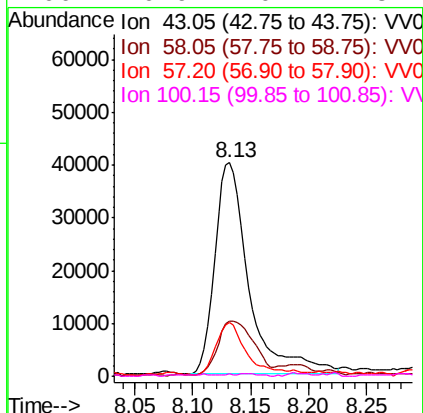
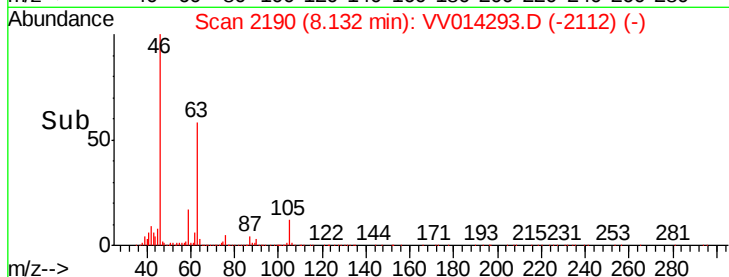
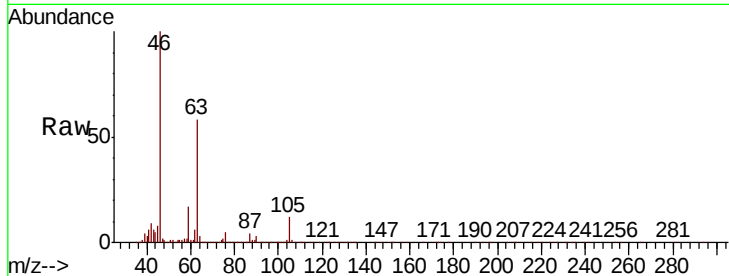




#48
2-Hexanone
Concen: 2.789 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014293.D
Acq: 14 Jan 2020 13:38

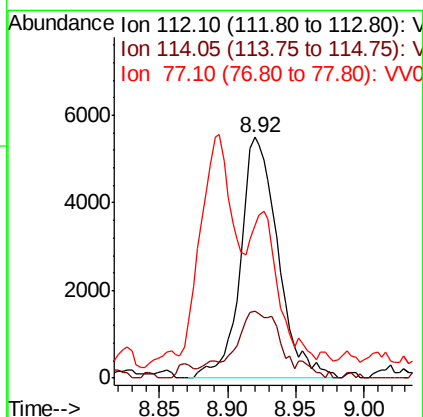
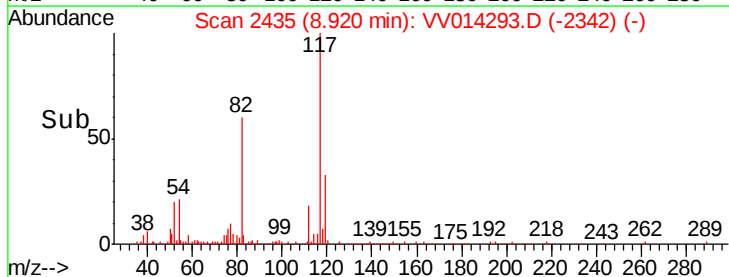
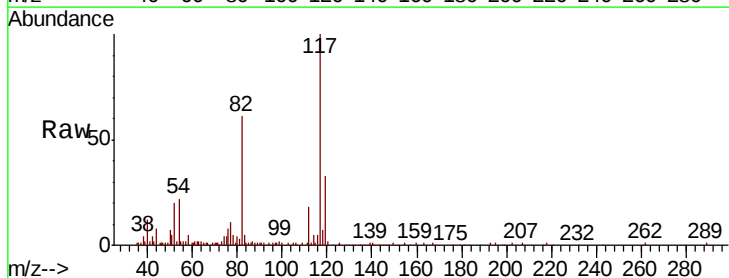
Instrument :
MSVOA_V
ClientSampleId :

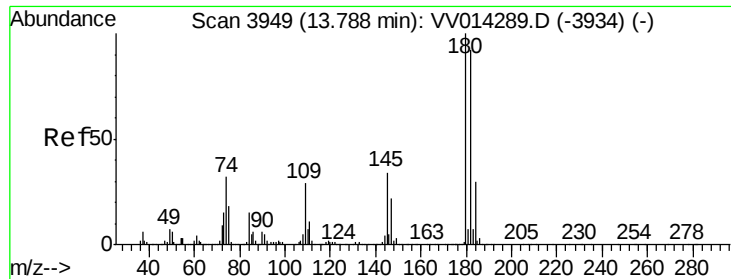
Tot Ion:	43	Resp:	82556
Ion	Ratio	Lower	Upper
43	100		
58	26.7	45.4	68.0#
57	21.4	15.8	23.8
100	0.9	10.2	15.4#



#51
Chlorobenzene
Concen: 0.060 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014293.D
Acq: 14 Jan 2020 13:38

Tgt Ion:	112	Resp:	10459
Ion	Ratio	Lower	Upper
112	100		
114	27.7	22.5	41.7
77	63.7	49.3	73.9





#70

1,2,3-Trichlorobenzene

Concen: 0.081 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.01 min

Lab File: VV014293.D

Acq: 14 Jan 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

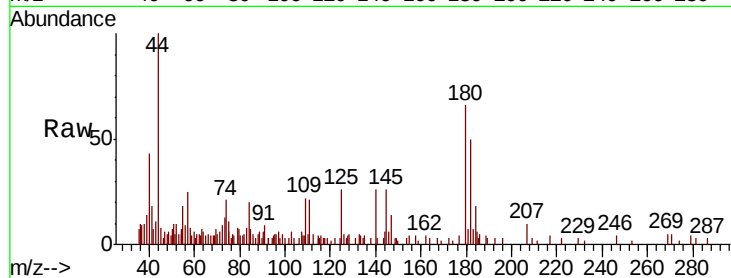
Tot Ion:180 Resp: 5625

Ion Ratio Lower Upper

180 100

182 84.6 74.8 112.2

145 40.4 29.0 43.6



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

