

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014682.D
 Acq On : 22 Feb 2020 02:58
 Operator : SY/MD
 Sample : L1608-14 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207544	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193501	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30735	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.84%
7) Chloroethane-d5	1.59	69	25396	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.46%
11) 1,1-Dichloroethene-d2	2.13	63	51478	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.14%
21) 2-Butanone-d5	3.95	46	77315	102.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.61%
24) Chloroform-d	4.40	84	126079	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
26) 1,2-Dichloroethane-d4	5.08	65	86826	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
32) Benzene-d6	5.10	84	249313	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
36) 1,2-Dichloropropane-d6	6.11	67	73355	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.36	98	229641	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.66	79	37650	45.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.00%
47) 2-Hexanone-d5	8.13	63	58062	97.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.01%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103730	50.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	90654	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%

Target Compounds

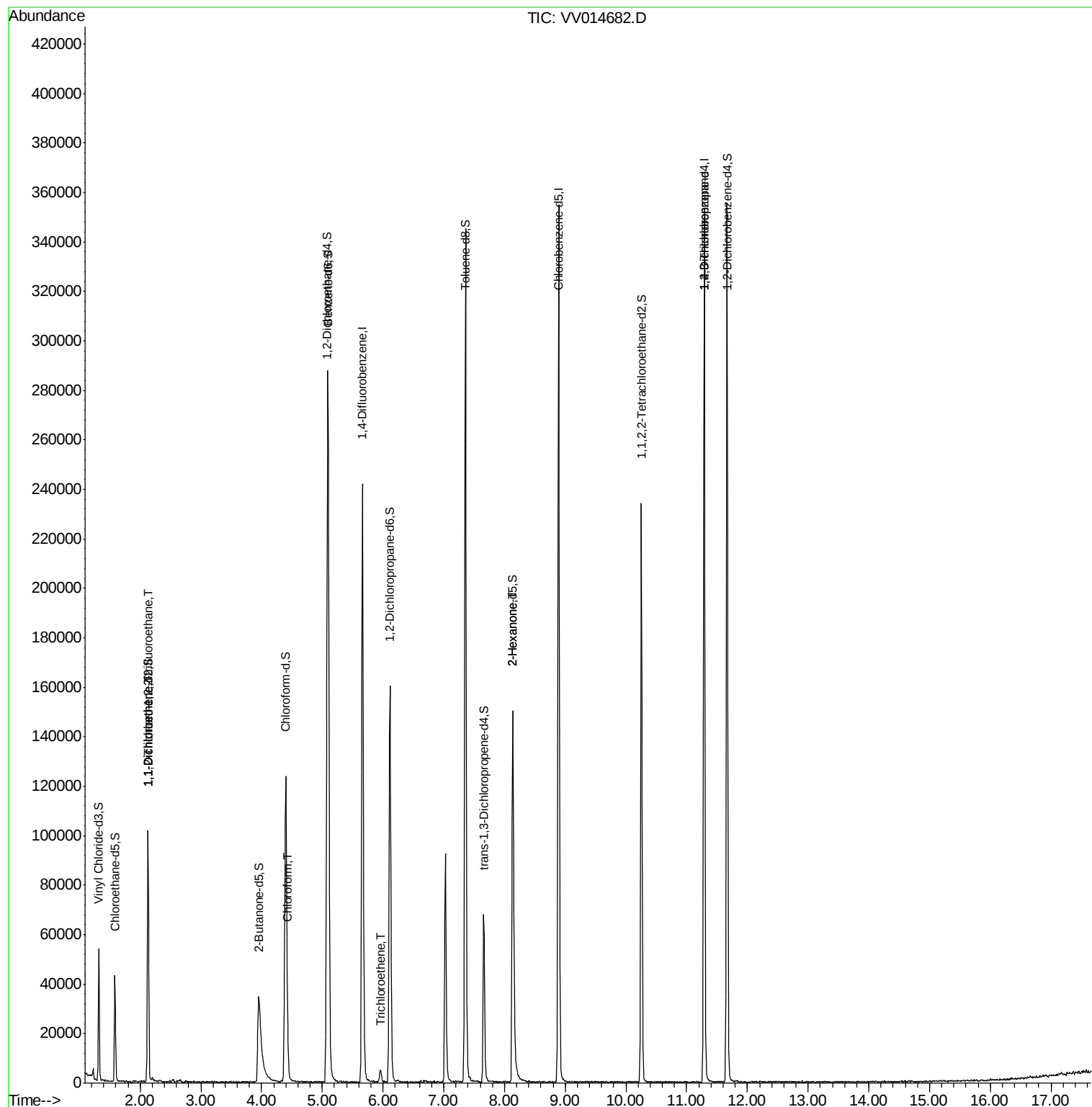
				Ovalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	559	0.795 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	496	0.784 ug/L #	1
25) Chloroform	4.43	83	4493	1.747 ug/L	98
34) Trichloroethene	5.96	95	1140	0.785 ug/L #	78
48) 2-Hexanone	8.13	43	7767	6.549 ug/L #	76
59) 1,2,3-Trichloropropane	11.29	75	9940	6.019 ug/L #	87

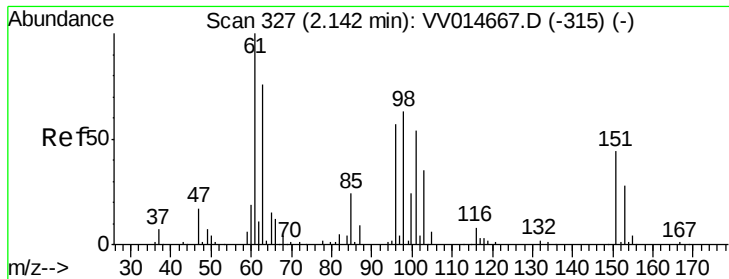
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.795 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014682.D

Acq: 22 Feb 2020 02:58

Instrument :

MSVOA_V

ClientSampled :

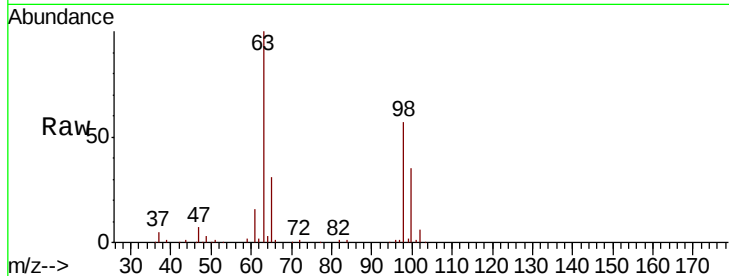
Tot Ion:101 Resp: 559

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

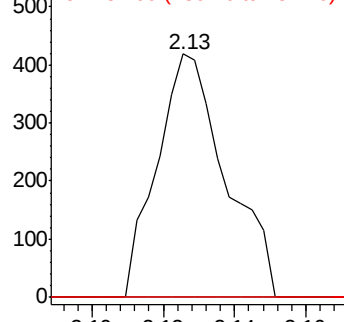
151 0.0 64.6 96.8#



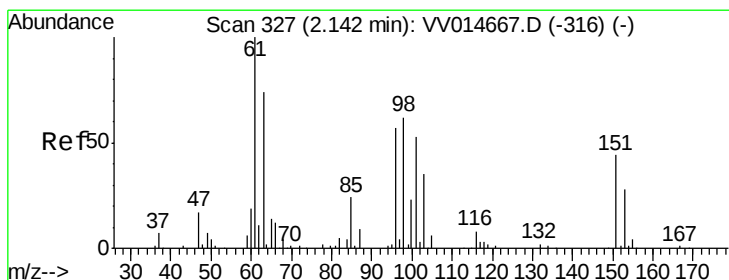
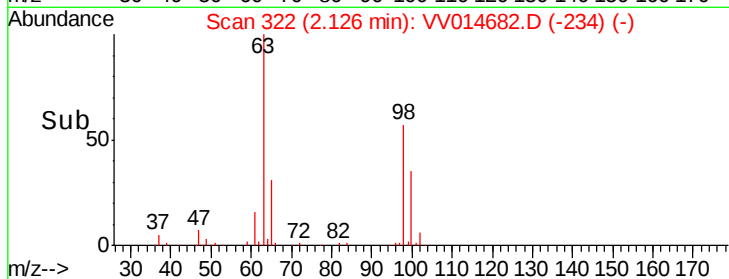
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.784 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014682.D

Acq: 22 Feb 2020 02:58

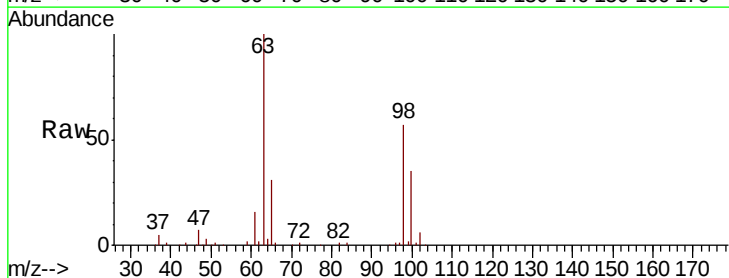
Tgt Ion: 96 Resp: 496

Ion Ratio Lower Upper

96 100

61 1441.4 124.5 231.1#

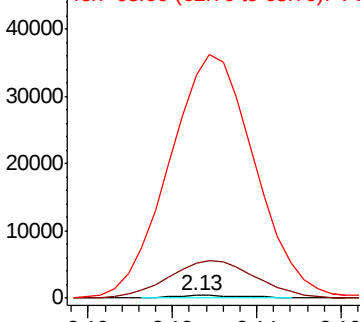
63 9184.5 98.1 182.1#



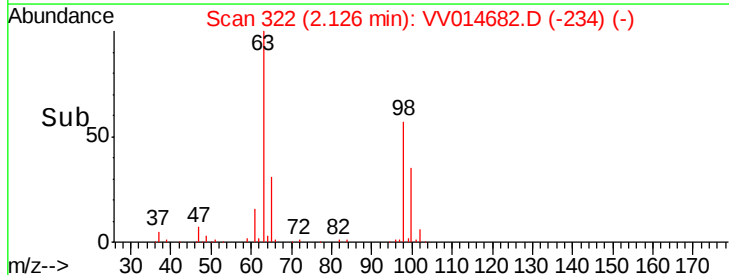
Abundance Ion 96.00 (95.70 to 96.70): VV0

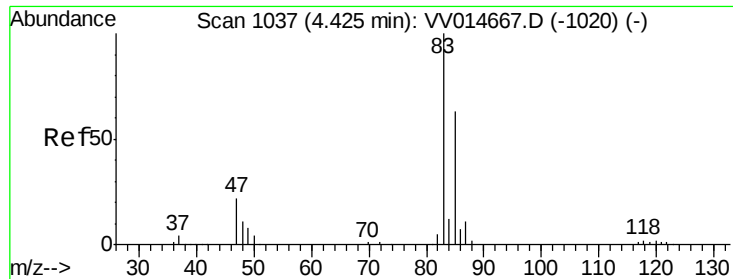
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->

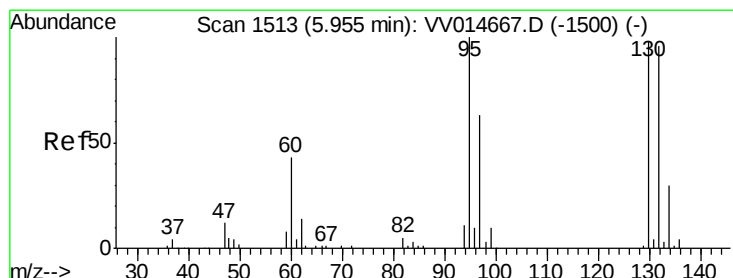
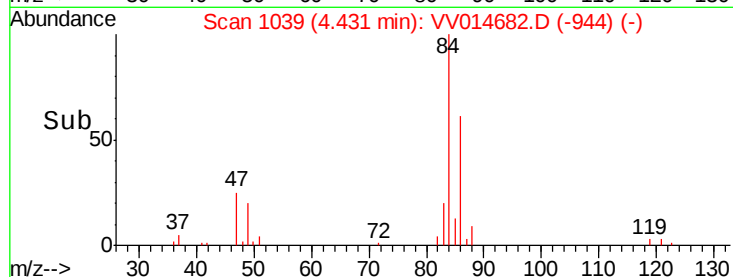
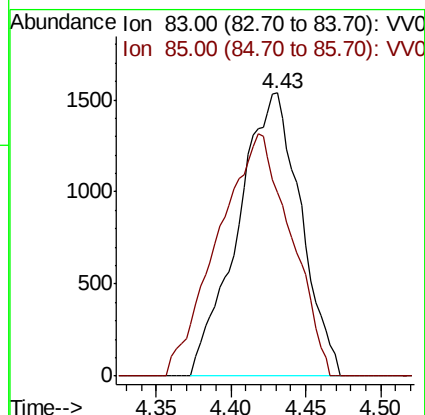
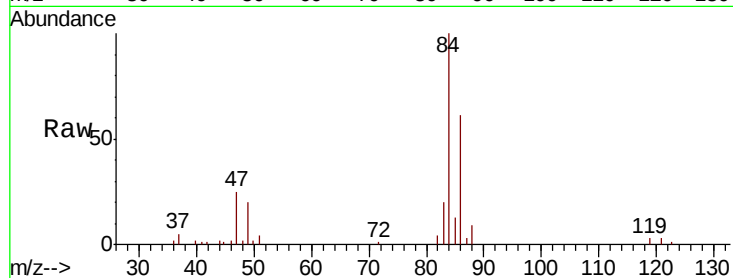




#25
Chloroform
Concen: 1.747 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014682.D
Acq: 22 Feb 2020 02:58

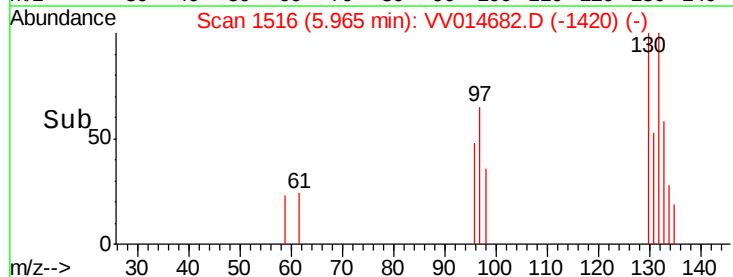
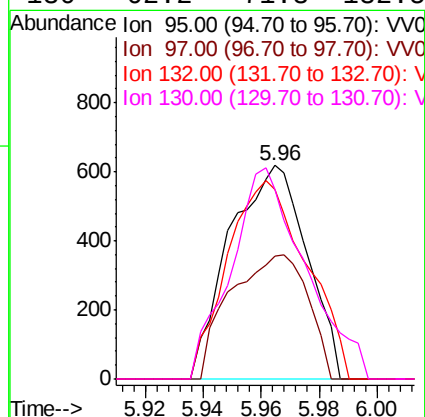
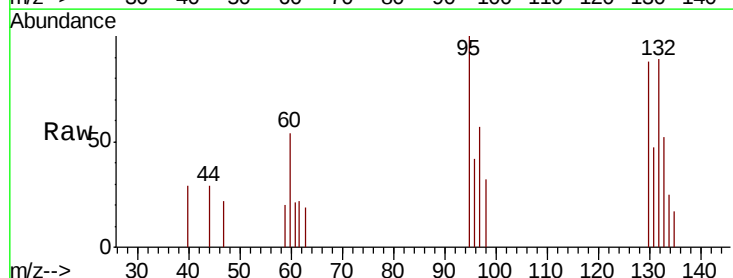
Instrument :
MSVOA_V
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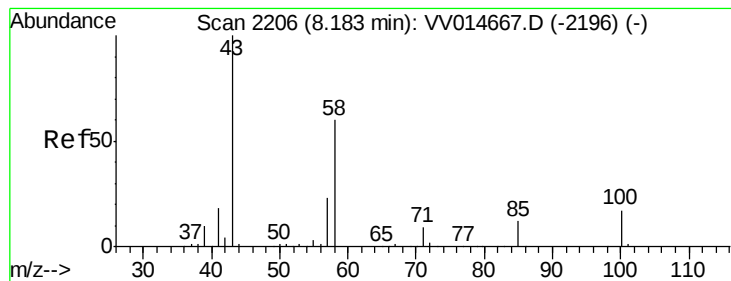
Tot Ion: 83 Resp: 4493
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.7



#34
Trichloroethene
Concen: 0.785 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV014682.D
Acq: 22 Feb 2020 02:58

Tgt Ion: 95 Resp: 1140
Ion Ratio Lower Upper
95 100
97 40.3 44.3 82.3#
132 98.8 69.7 129.4
130 62.2 71.3 132.5#





#48

2-Hexanone

Concen: 6.549 ug/L

RT: 8.13 min Scan# 2191

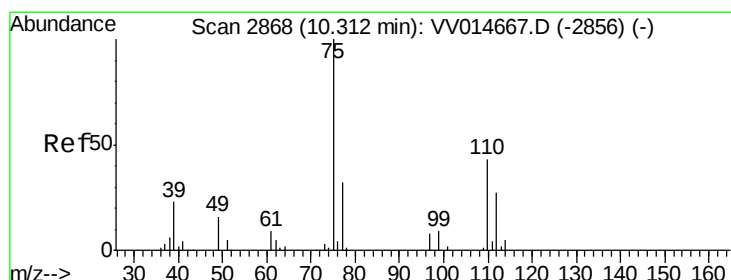
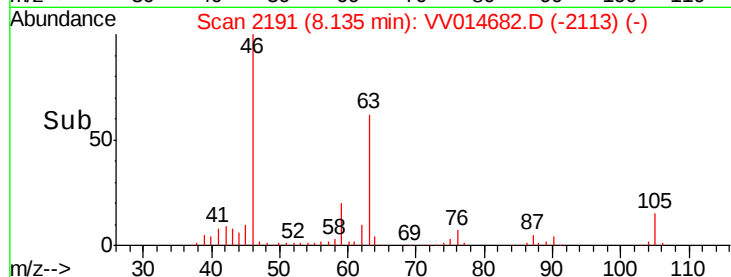
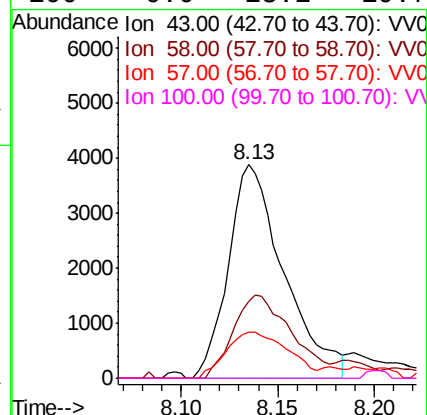
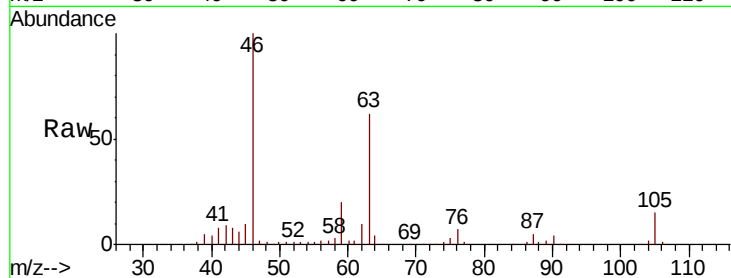
Delta R.T. -0.05 min

Lab File: VV014682.D

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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	7767
Ion	Ratio	Lower	Upper
43	100		
58	40.7	49.4	74.2#
57	24.1	17.8	26.8
100	0.0	13.1	19.7#



#59

1,2,3-Trichloropropane

Concen: 6.019 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014682.D

Acq: 22 Feb 2020 02:58

Tgt Ion:	75	Resp:	9940
Ion	Ratio	Lower	Upper
75	100		
77	39.4	25.7	38.5#

