

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018017.D
 Acq On : 17 Aug 2020 11:41
 Operator : SY/MD
 Sample : L3684-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F95

Quant Time: Aug 18 01:25:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243484	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88173	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.92%
7) Chloroethane-d5	1.58	69	75725	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.64%
11) 1,1-Dichloroethene-d2	2.12	63	132246	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
21) 2-Butanone-d5	3.90	46	113242	93.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.07%
24) Chloroform-d	4.37	84	163911	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
26) 1,2-Dichloroethane-d4	5.05	65	115535	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
32) Benzene-d6	5.07	84	331714	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
36) 1,2-Dichloropropane-d6	6.09	67	108756	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.33	98	290652	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%
43) trans-1,3-Dichloropropene-	7.64	79	50313	50.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.24%
47) 2-Hexanone-d5	8.11	63	60026	85.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	137069	48.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	124512	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

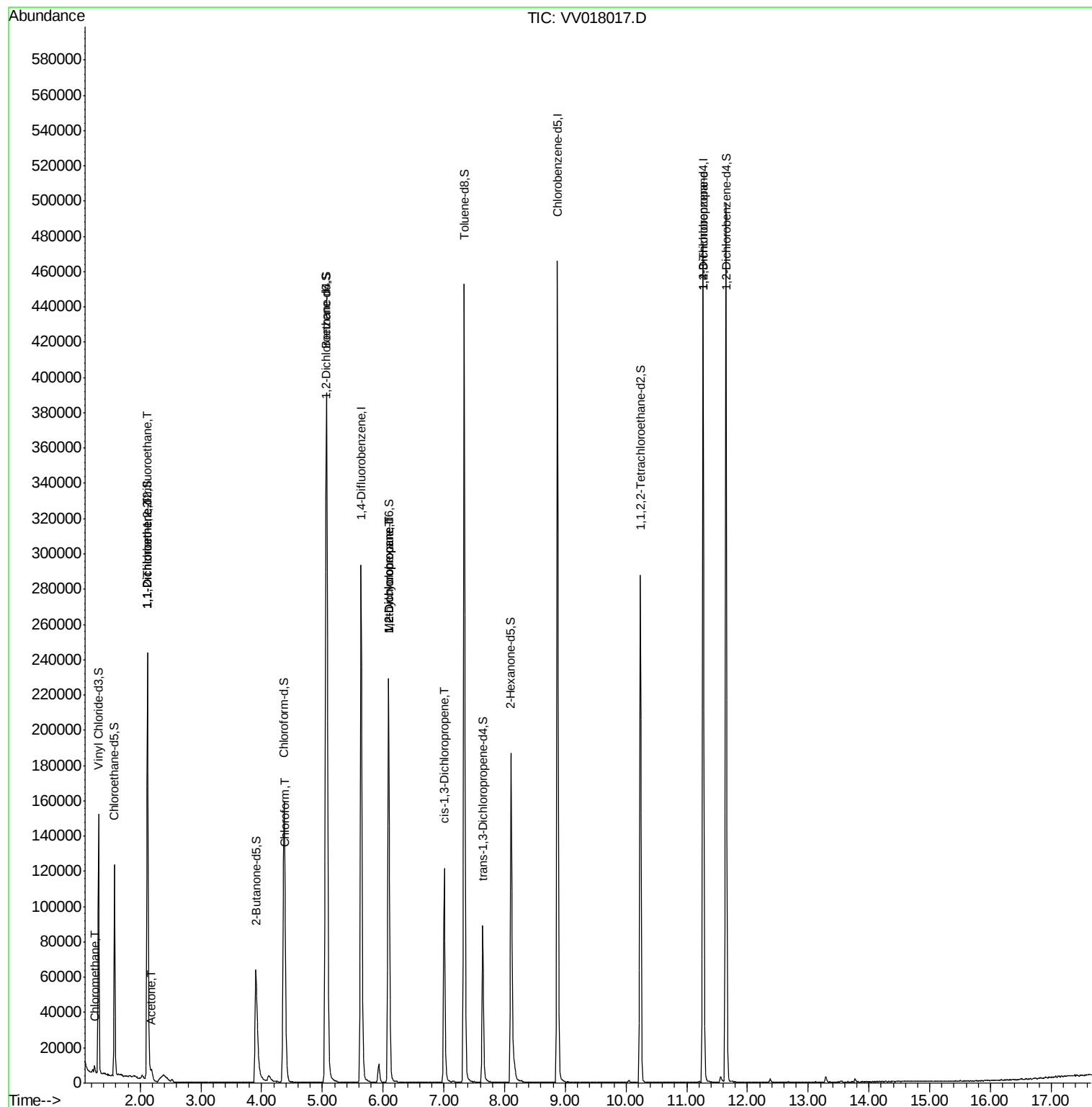
					Ovalue
3) Chloromethane	1.25	50	2007	0.919 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1290	0.748 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1132	0.693 ug/L #	1
13) Acetone	2.19	43	7383	5.875 ug/L	97
25) Chloroform	4.40	83	4755	1.381 ug/L	81
35) Methylcyclohexane	6.09	83	25939	8.769 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11601	5.653 ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	3060	1.052 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	14651	5.780 ug/L	92

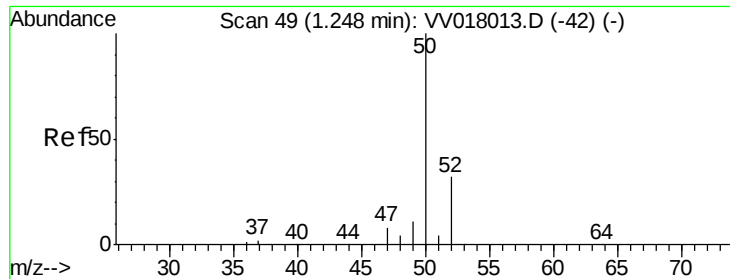
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.919 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018017.D

Acq: 17 Aug 2020 11:41

Instrument :

MSVOA_V

ClientSampleId :

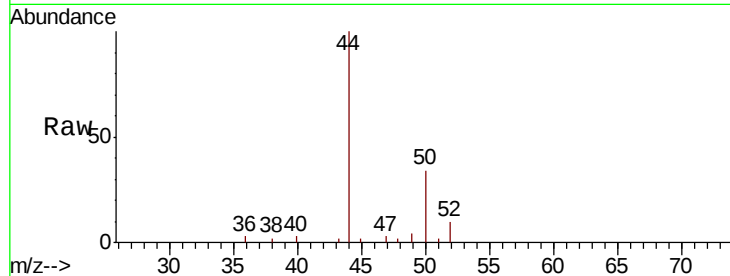
C0F95

Tot Ion: 50 Resp: 2007

Ion Ratio Lower Upper

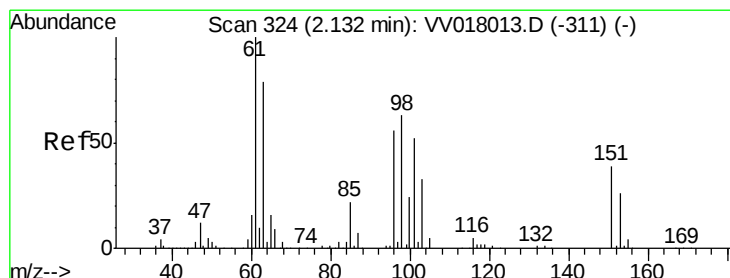
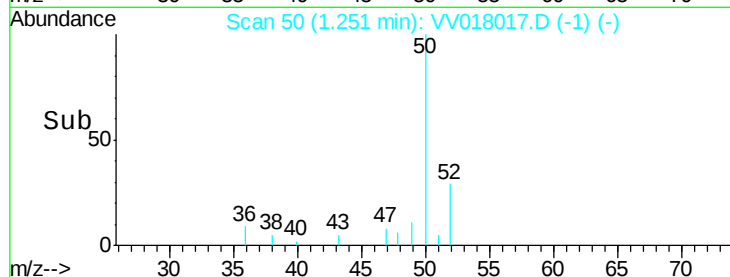
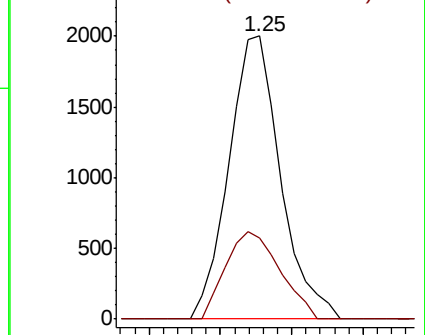
50 100

52 28.8 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#10

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

Concen: 0.748 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018017.D

Acq: 17 Aug 2020 11:41

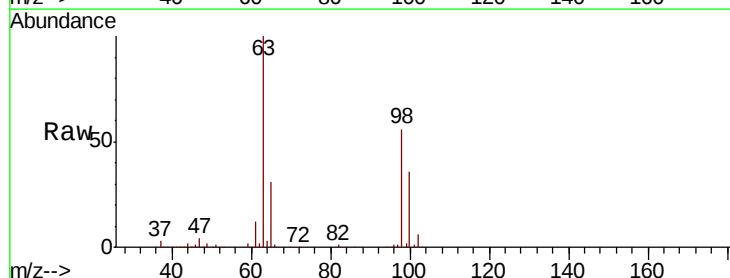
Tgt Ion: 101 Resp: 1290

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

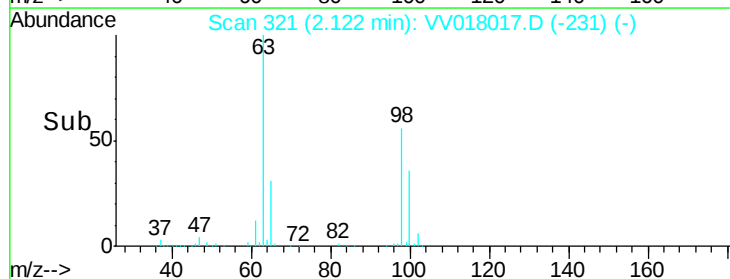
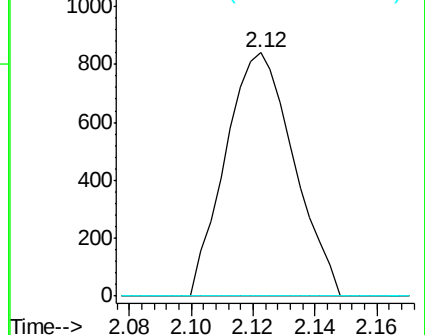
151 0.0 59.1 88.7#

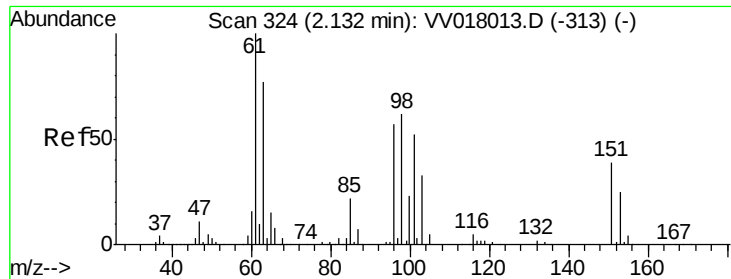


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

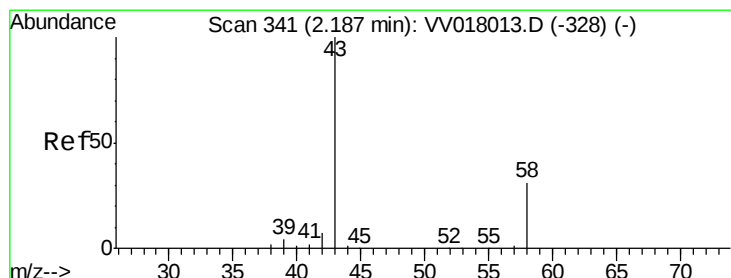
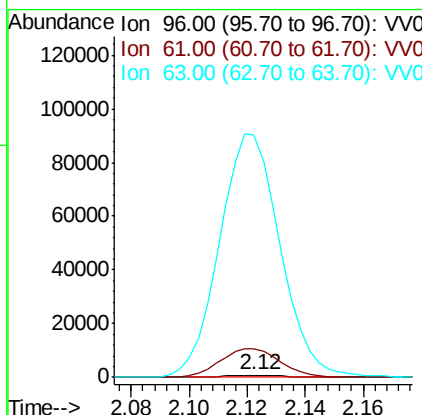
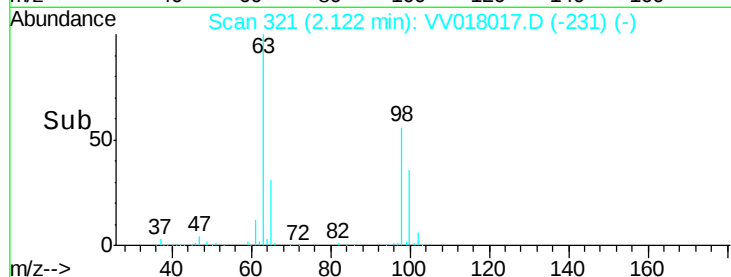
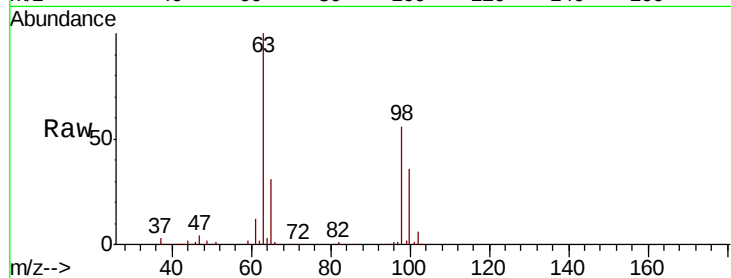




#12
 1,1-Dichloroethene
 Concen: 0.693 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018017.D
 Acq: 17 Aug 2020 11:41

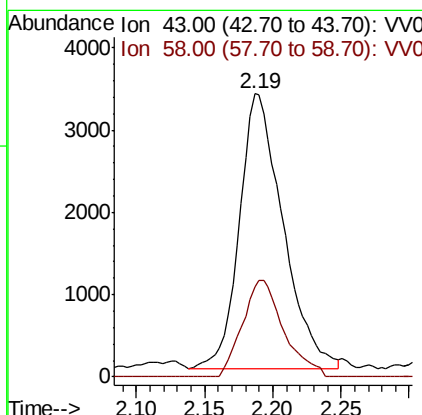
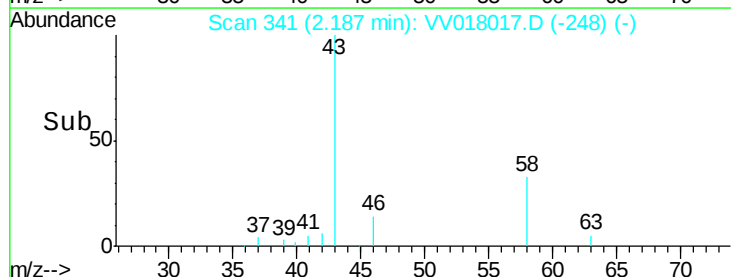
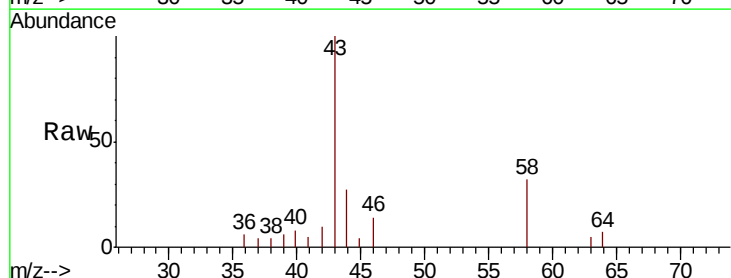
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 C0F95

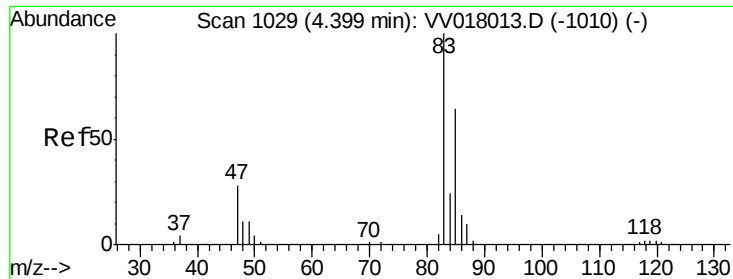
Tot Ion: 96 Resp: 1132
 Ion Ratio Lower Upper
 96 100
 61 1455.7 127.1 236.0#
 63 12213.8 95.2 176.8#



#13
 Acetone
 Concen: 5.875 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VV018017.D
 Acq: 17 Aug 2020 11:41

Tgt Ion: 43 Resp: 7383
 Ion Ratio Lower Upper
 43 100
 58 33.4 0.0 63.6

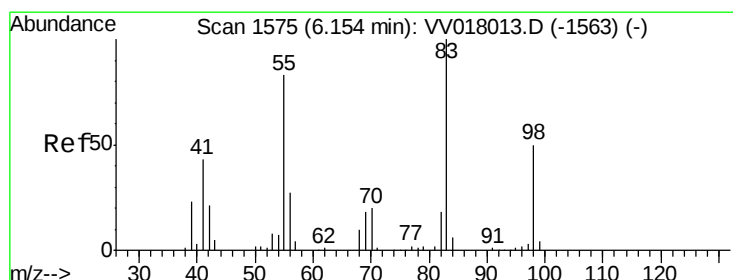
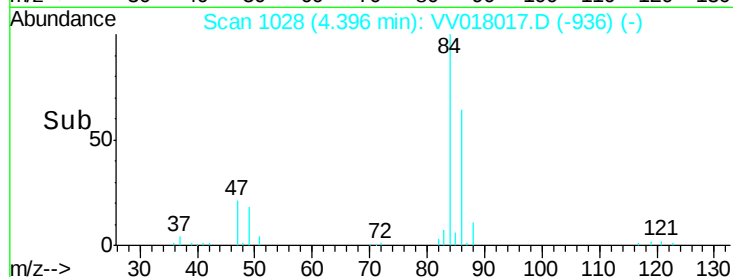
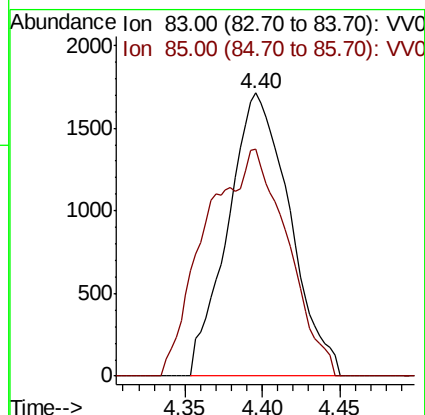
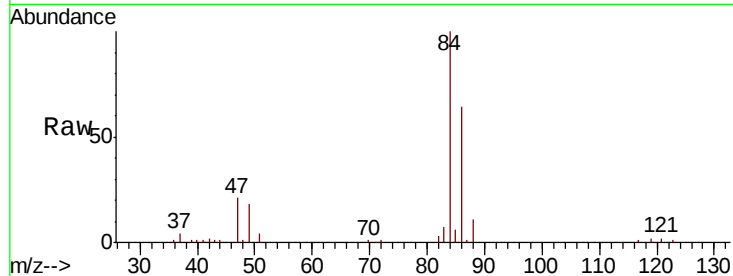




#25
Chloroform
Concen: 1.381 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV018017.D
Acq: 17 Aug 2020 11:41

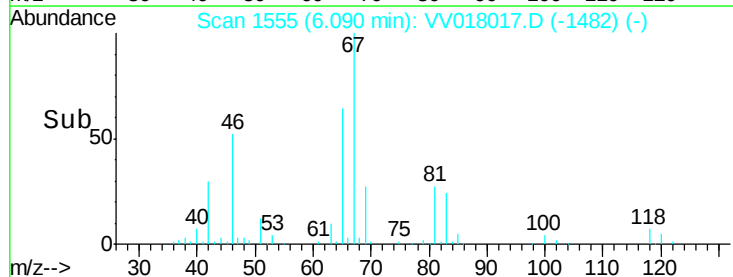
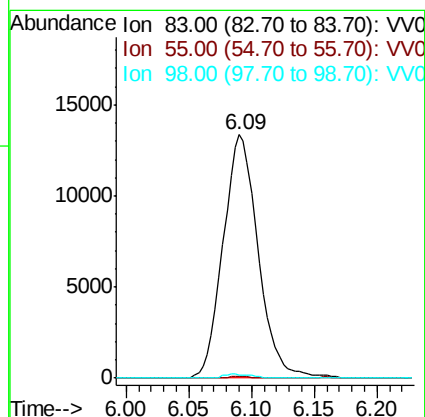
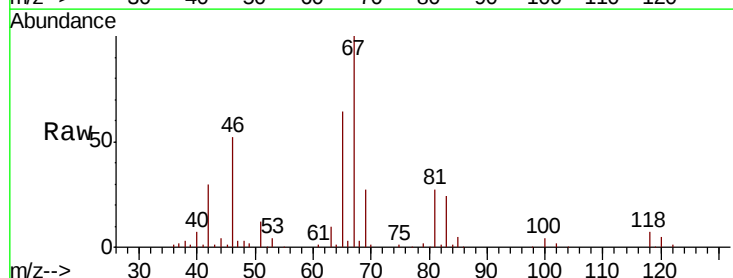
Instrument :
MSVOA_V
ClientSampleId :
C0F95

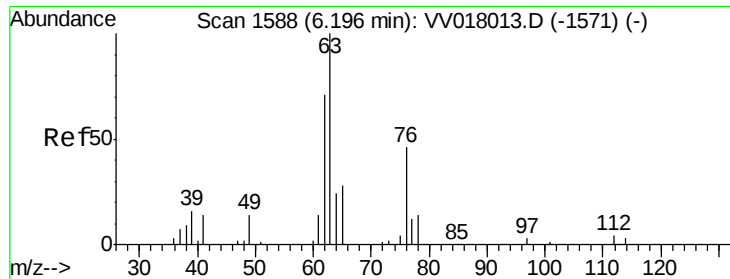
Tot Ion: 83 Resp: 4755
Ion Ratio Lower Upper
83 100
85 80.0 45.5 84.5



#35
Methylcyclohexane
Concen: 8.769 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018017.D
Acq: 17 Aug 2020 11:41

Tgt Ion: 83 Resp: 25939
Ion Ratio Lower Upper
83 100
55 0.4 64.9 97.3#
98 1.2 38.7 58.1#

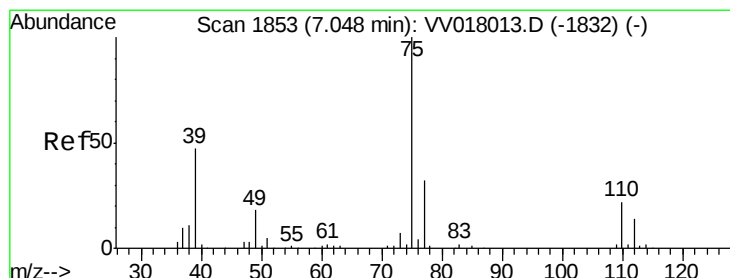
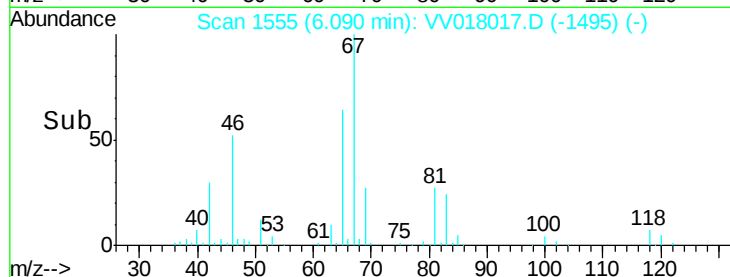
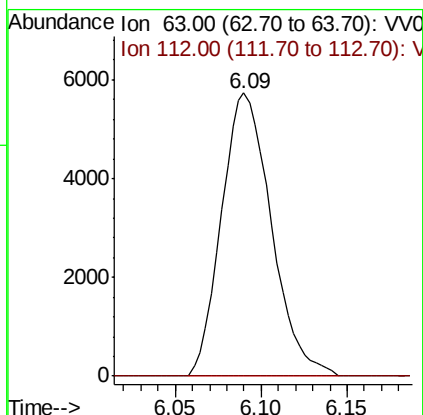
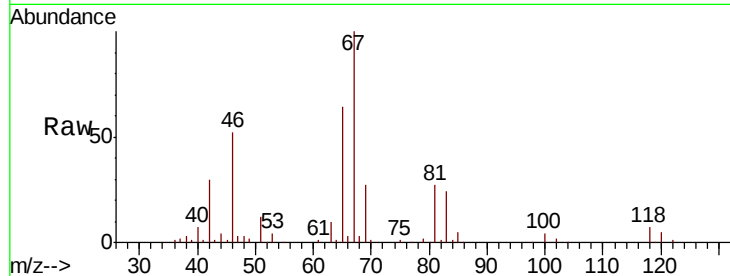




#37
 1,2-Dichloropropane
 Concen: 5.653 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018017.D
 Acq: 17 Aug 2020 11:41

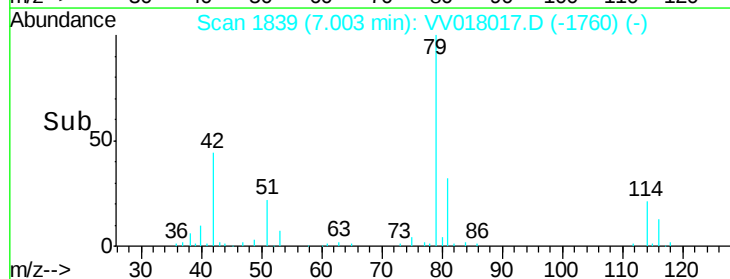
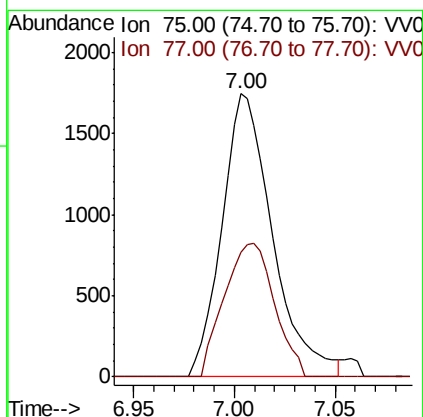
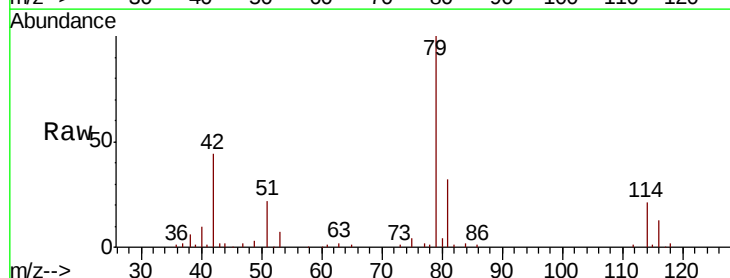
Instrument :
 MSVOA_V
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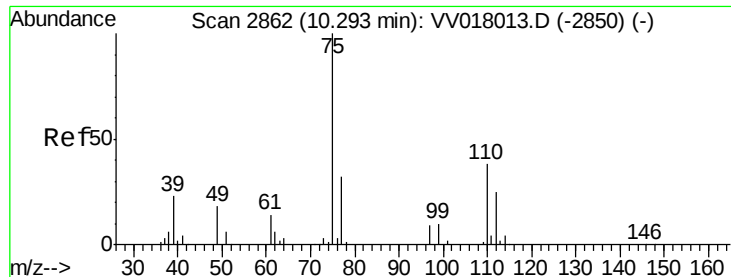
Tot Ion: 63 Resp: 11601
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.052 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV018017.D
 Acq: 17 Aug 2020 11:41

Tgt Ion: 75 Resp: 3060
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.780 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018017.D

Acq: 17 Aug 2020 11:41

Instrument :

MSVOA_V

ClientSampleId :

C0F95

Tot Ion: 75 Resp: 14651

Ion Ratio Lower Upper

75 100

77 36.6 25.7 38.5

