

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018644.D
 Acq On : 02 Oct 2020 22:44
 Operator : SY/MD
 Sample : L4254-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S5

Quant Time: Oct 03 02:11:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293527	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291292	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76035	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.34%
7) Chloroethane-d5	1.58	69	66941	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.06%
11) 1,1-Dichloroethene-d2	2.12	63	125888	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	3.90	46	109489	85.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.27%
24) Chloroform-d	4.37	84	161510	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
26) 1,2-Dichloroethane-d4	5.05	65	111715	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.07	84	311716	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
36) 1,2-Dichloropropane-d6	6.09	67	95273	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.34	98	283287	40.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.62%
43) trans-1,3-Dichloropropene-	7.64	79	47084	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
47) 2-Hexanone-d5	8.11	63	56874	67.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	107566	36.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	127559	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

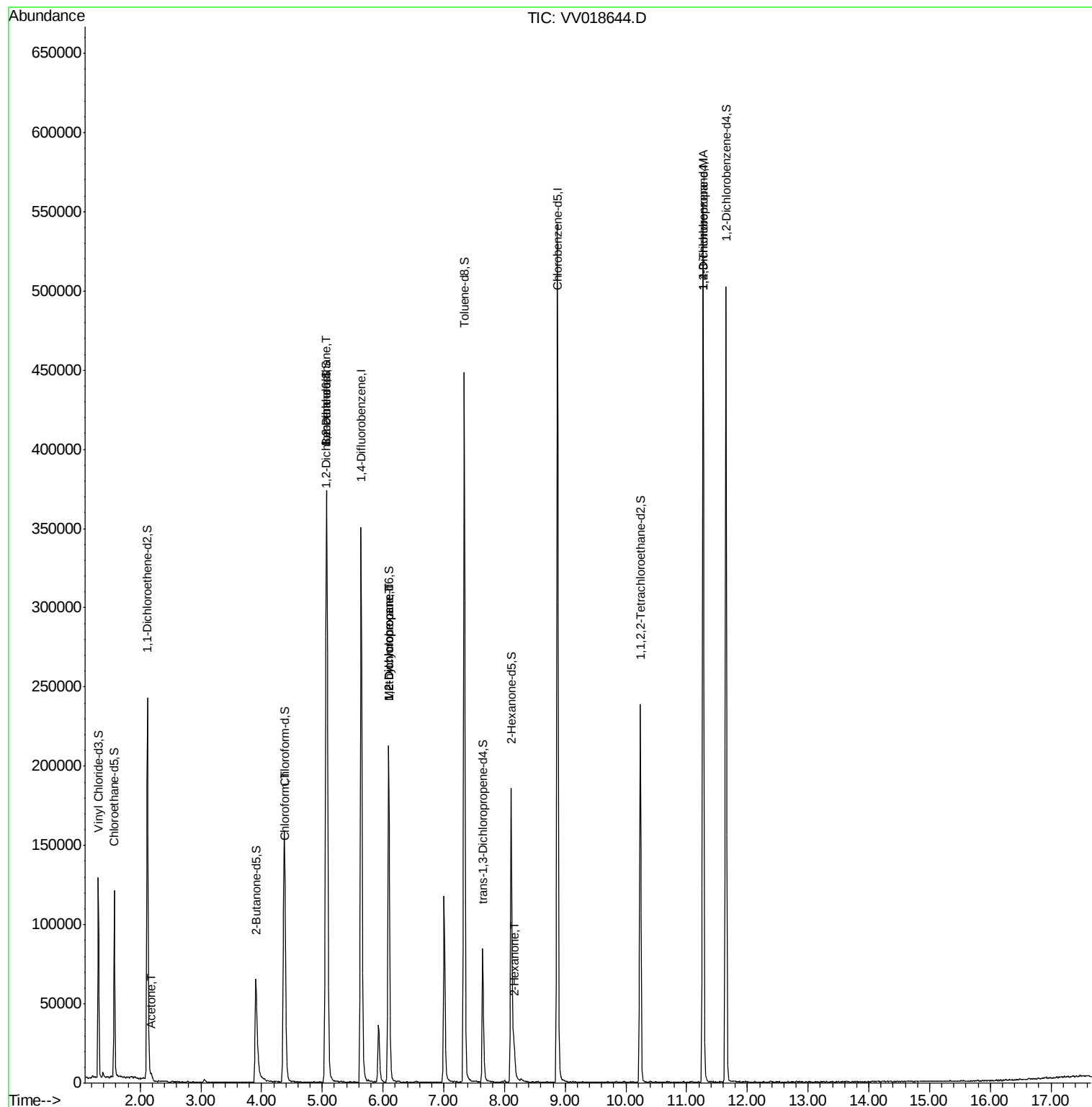
					Ovalue
13) Acetone	2.18	43	4943	4.456 ug/L	97
25) Chloroform	4.40	83	5438	1.403 ug/L	85
27) 1,2-Dichloroethane	5.08	62	2191	0.725 ug/L #	74
35) Methylcyclohexane	6.09	83	25273	7.541 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	11668	5.314 ug/L #	85
48) 2-Hexanone	8.16	43	11333	5.127 ug/L #	95
59) 1,2,3-Trichloropropane	11.27	75	15523	5.812 ug/L #	86

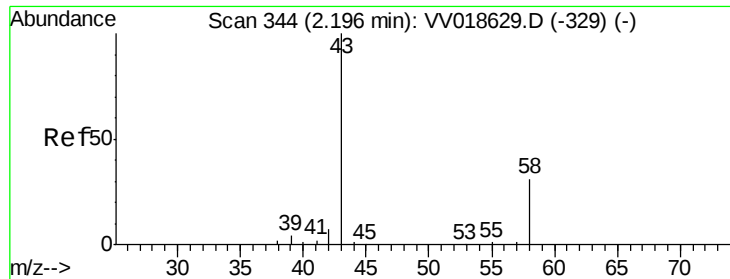
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 02:08:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.456 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV018644.D

Acq: 02 Oct 2020 22:44

Instrument :

MSVOA_V

ClientSampled :

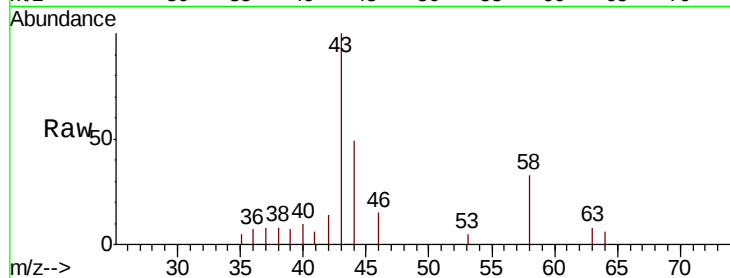
BG3S5

Tot Ion: 43 Resp: 4943

Ion Ratio Lower Upper

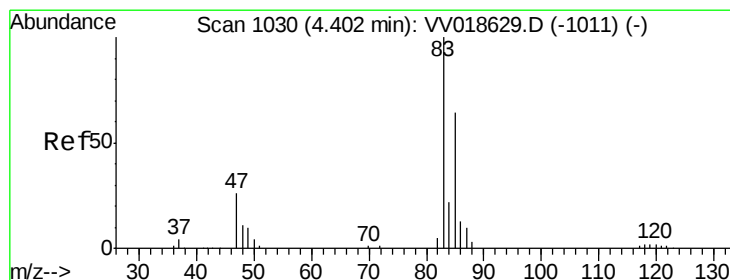
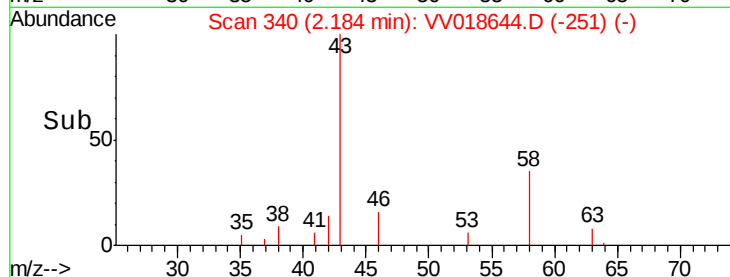
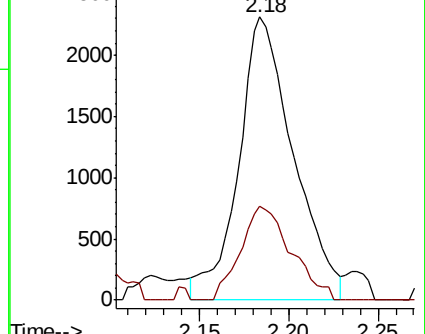
43 100

58 30.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018629.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018629.D (-329) (-)



#25

Chloroform

Concen: 1.403 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VV018644.D

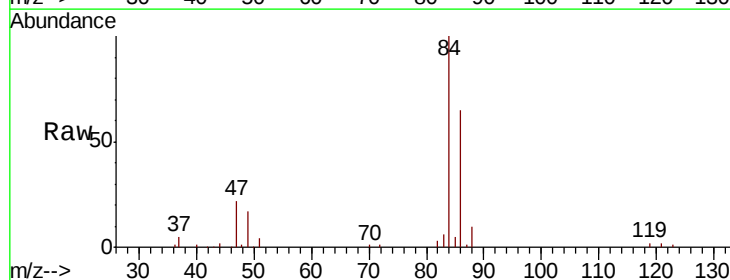
Acq: 02 Oct 2020 22:44

Tgt Ion: 83 Resp: 5438

Ion Ratio Lower Upper

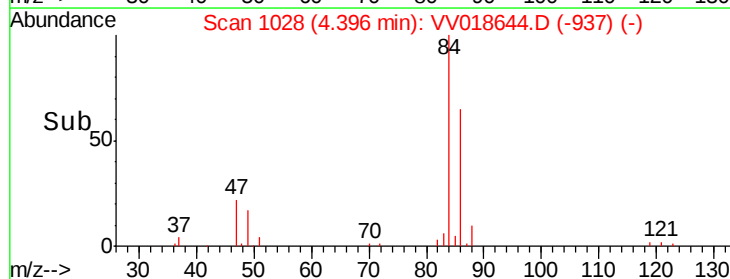
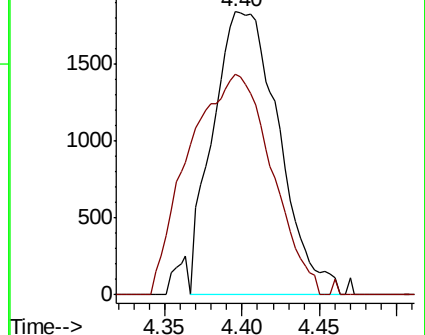
83 100

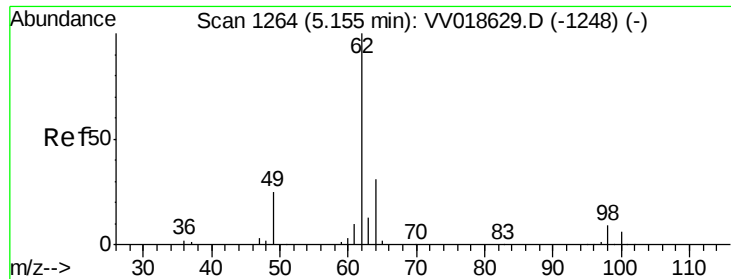
85 77.9 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV018629.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV018629.D (-1011) (-)

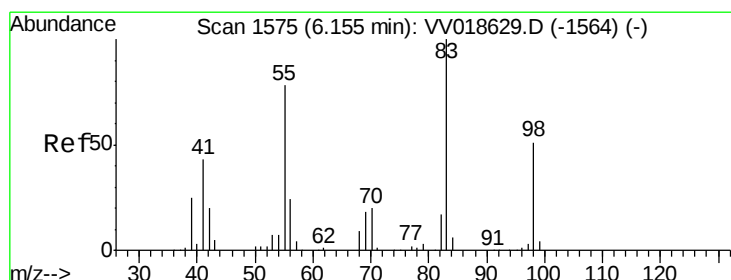
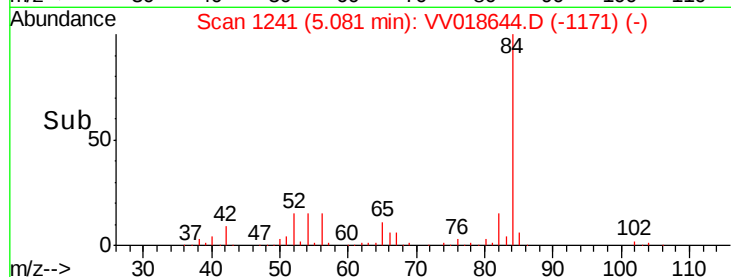
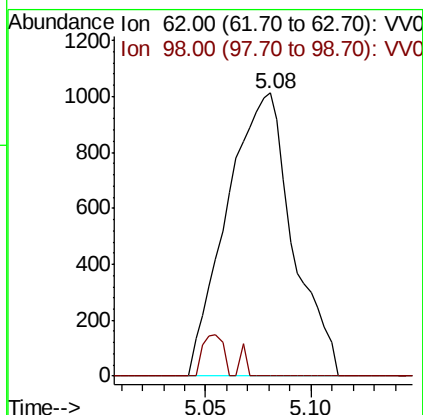
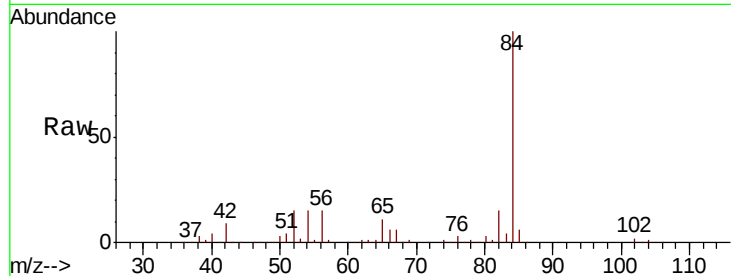




#27
 1,2-Dichloroethane
 Concen: 0.725 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV018644.D
 Acq: 02 Oct 2020 22:44

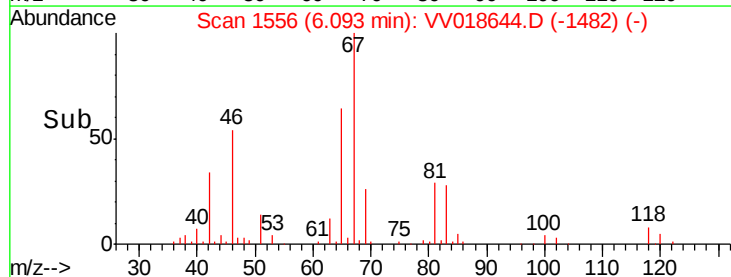
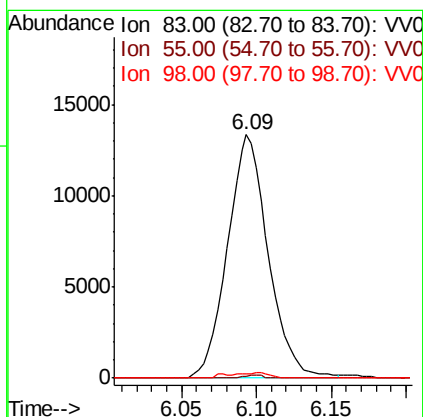
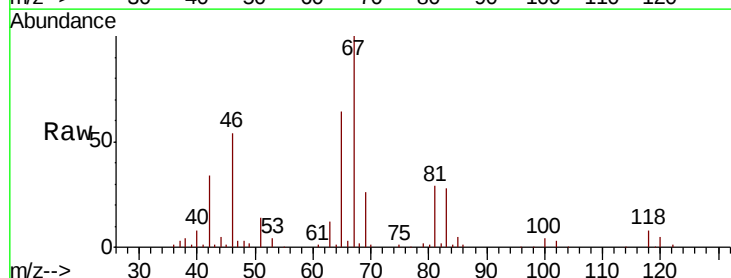
Instrument :
 MSVOA_V
 ClientSampleId :
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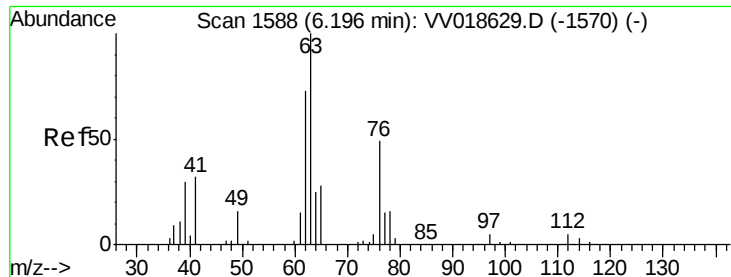
Tot Ion: 62 Resp: 2191
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#35
 Methylcyclohexane
 Concen: 7.541 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018644.D
 Acq: 02 Oct 2020 22:44

Tgt Ion: 83 Resp: 25273
 Ion Ratio Lower Upper
 83 100
 55 0.5 60.1 90.1#
 98 1.7 40.2 60.4#

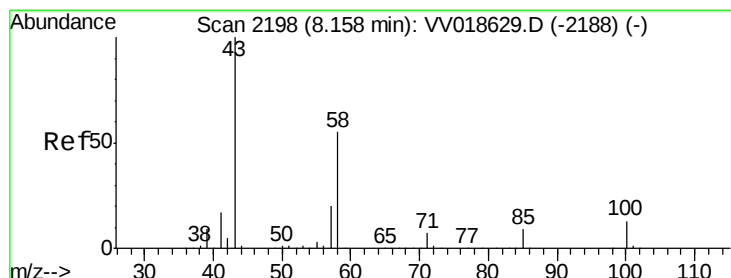
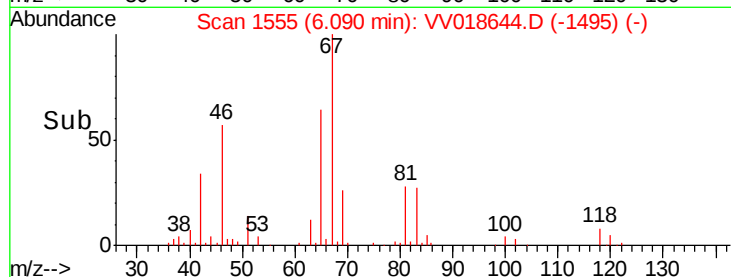
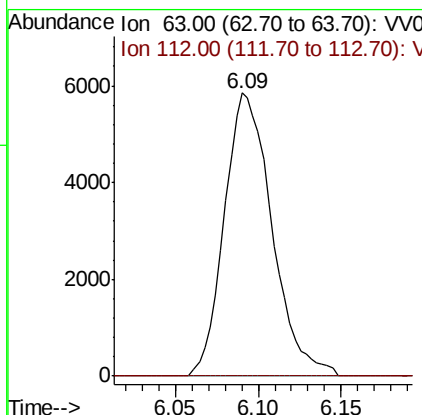
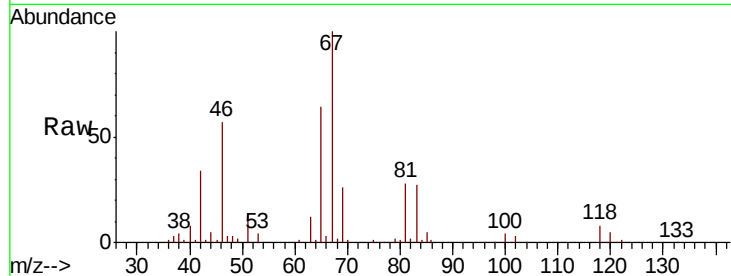




#37
 1,2-Dichloropropane
 Concen: 5.314 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018644.D
 Acq: 02 Oct 2020 22:44

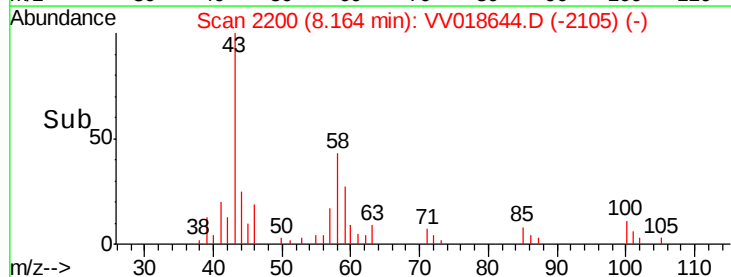
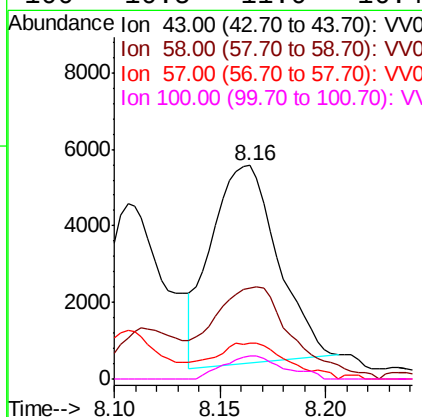
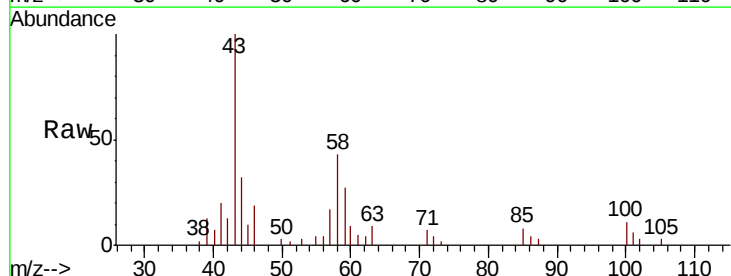
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S5

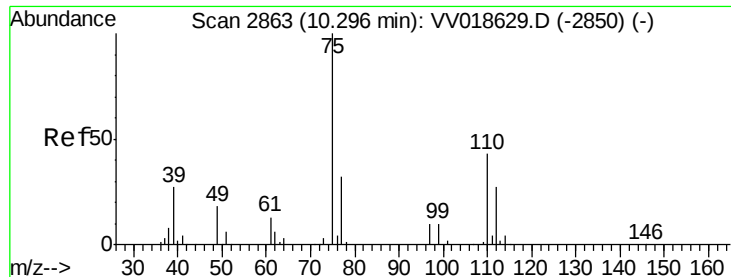
Tot Ion: 63 Resp: 11668
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#48
 2-Hexanone
 Concen: 5.127 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018644.D
 Acq: 02 Oct 2020 22:44

Tgt Ion: 43 Resp: 11333
 Ion Ratio Lower Upper
 43 100
 58 51.5 45.1 67.7
 57 19.5 15.7 23.5
 100 10.5 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.812 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018644.D

Acq: 02 Oct 2020 22:44

Instrument :

MSVOA_V

ClientSampleId :

BG3S5

Tot Ion: 75 Resp: 15523

Ion Ratio Lower Upper

75 100

77 39.7 25.4 38.0#

