

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018626.D
 Acq On : 02 Oct 2020 15:24
 Operator : SY/MD
 Sample : L4203-17ME
 Misc : 5.82g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3TIME

Quant Time: Oct 03 00:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330341	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	331869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	165720	50.00	ug/L	0.00

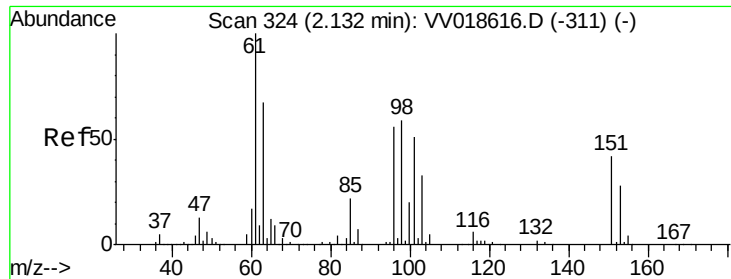
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87208	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.02%
7) Chloroethane-d5	1.58	69	75643	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.10	63	148579	37.64	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.28%
21) 2-Butanone-d5	3.94	46	106823	73.92	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.92%
24) Chloroform-d	4.37	84	174799	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	5.05	65	122729	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
32) Benzene-d6	5.07	84	352533	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
36) 1,2-Dichloropropane-d6	6.09	67	106469	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.84%
41) Toluene-d8	7.34	98	325719	41.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.38%
43) trans-1,3-Dichloropropene-	7.64	79	54989	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.14	63	70811	73.40	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124467	36.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	141367	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1496	0.696 ug/L #	17
34) Trichloroethene	5.94	95	5894	2.082 ug/L	90
37) 1,2-Dichloropropane	6.09	63	12559	5.021 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3679	0.937 ug/L	85
45) 1,1,2-Trichloroethane	7.99	97	1854	0.749 ug/L #	1
46) Tetrachloroethene	8.00	164	231811	100.947 ug/L	99
48) 2-Hexanone	8.15	43	7644	3.035 ug/L #	60
59) 1,2,3-Trichloropropane	11.28	75	18538	6.093 ug/L #	88

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



#10

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

Concen: 0.696 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV018626.D

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Instrument :

MSVOA_V

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BG3TIME

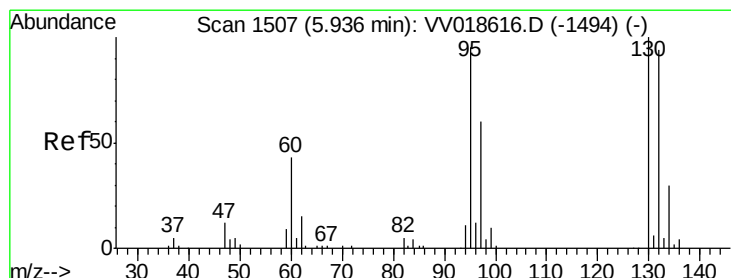
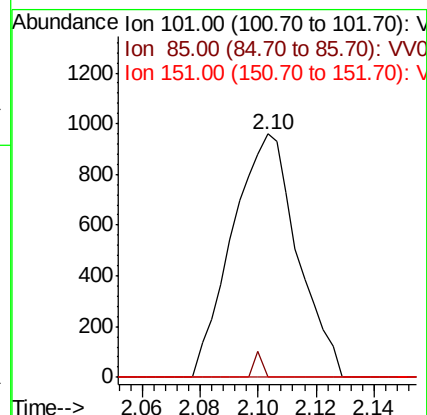
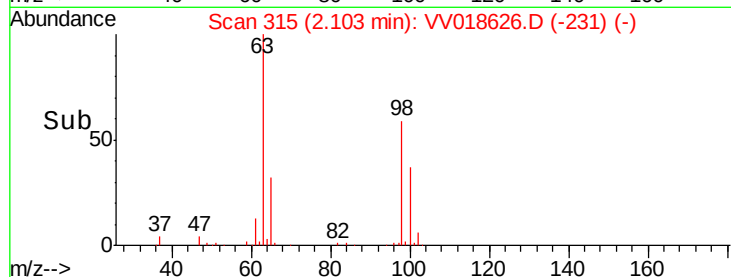
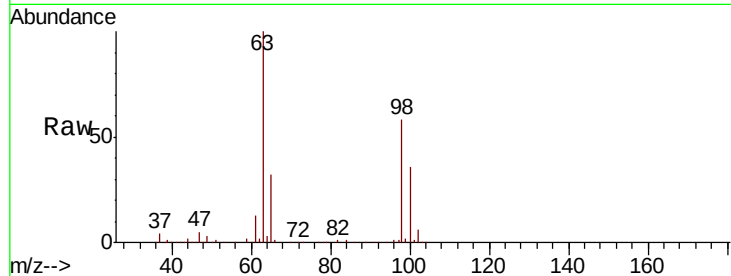
Tot Ion:101 Resp: 1496

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 64.3 96.5#



#34

Trichloroethene

Concen: 2.082 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018626.D

Acq: 02 Oct 2020 15:24

Tgt Ion: 95 Resp: 5894

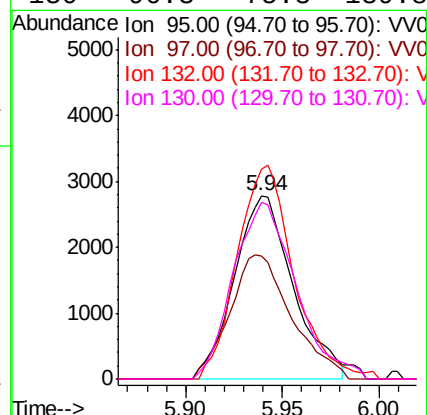
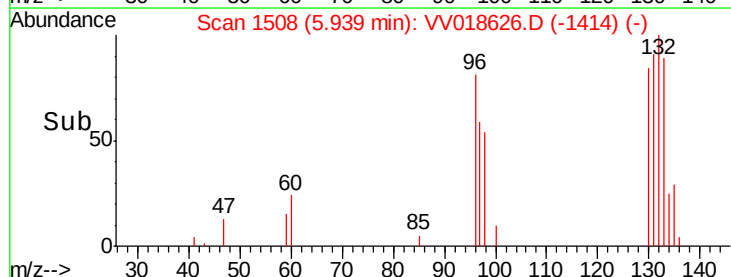
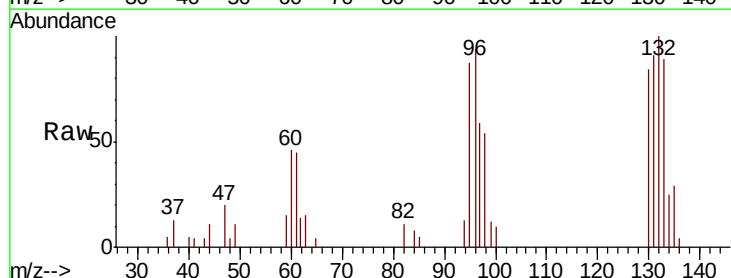
Ion Ratio Lower Upper

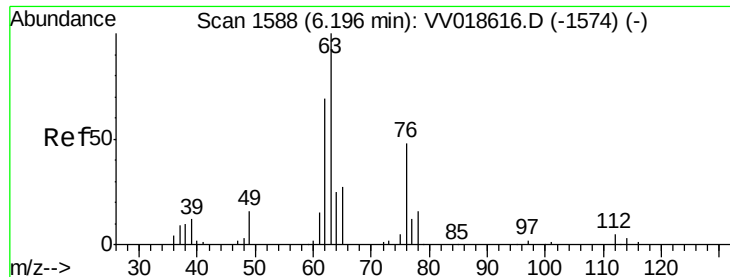
95 100

97 67.3 45.9 85.3

132 114.5 70.8 131.4

130 96.3 75.3 139.8

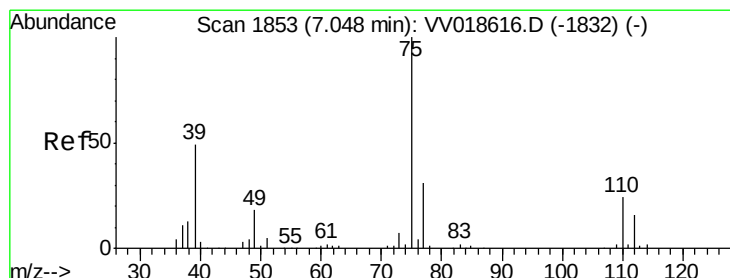
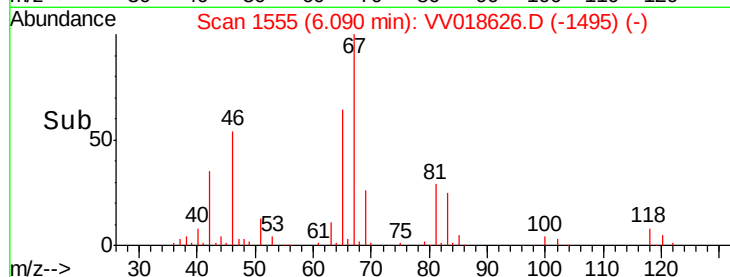
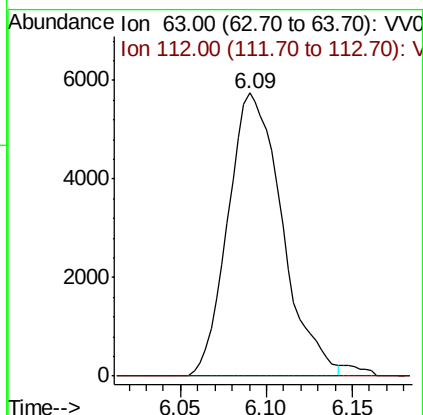
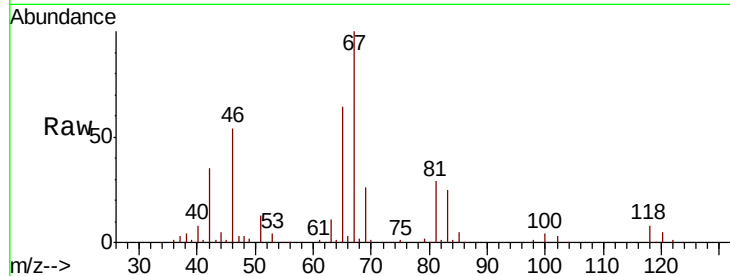




#37
 1,2-Dichloropropane
 Concen: 5.021 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018626.D
 Acq: 02 Oct 2020 15:24

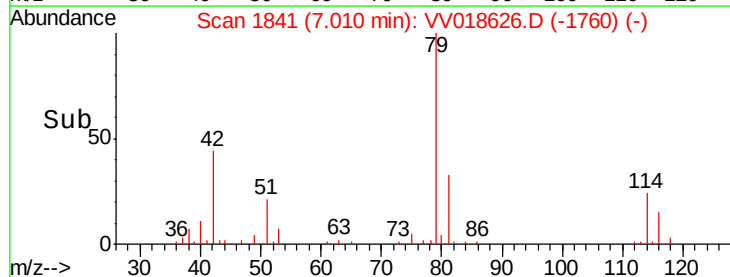
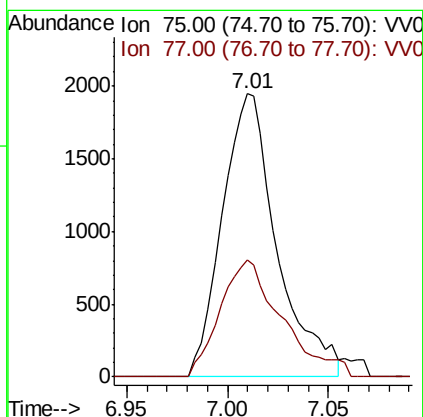
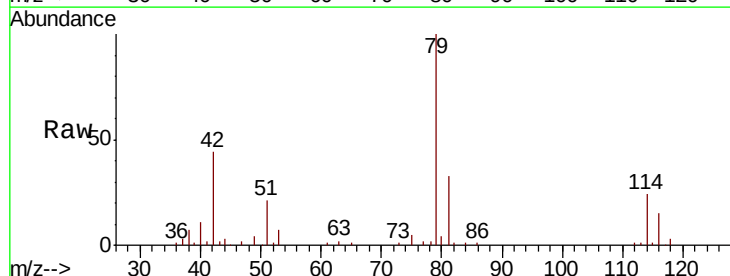
Instrument :
 MSVOA_V
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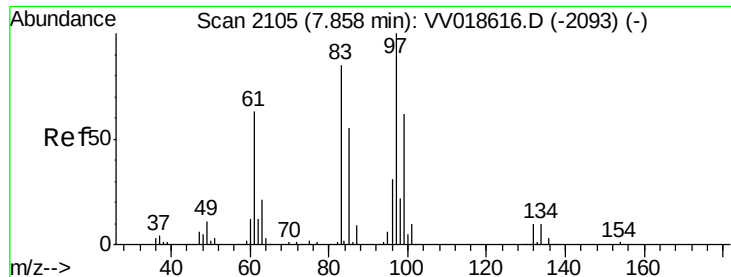
Tot Ion: 63 Resp: 12559
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.937 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018626.D
 Acq: 02 Oct 2020 15:24

Tgt Ion: 75 Resp: 3679
 Ion Ratio Lower Upper
 75 100
 77 41.5 23.0 42.6

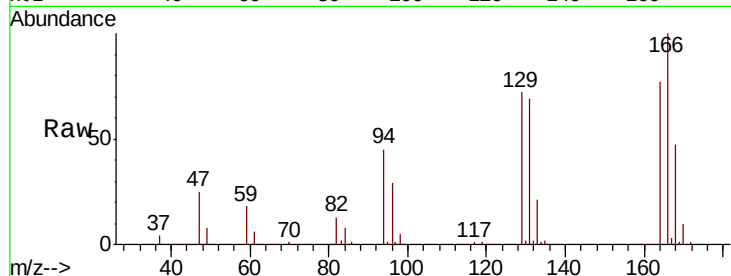




#45
1,1,2-Trichloroethane
Concen: 0.749 ug/L
RT: 7.99 min Scan# 2146
Delta R.T. 0.13 min
Lab File: VV018626.D
Acq: 02 Oct 2020 15:24

Instrument :
MSVOA_V
ClientSampleId :
BG3TIME

Tot Ion:	97	Resp:	1854
Ion	Ratio	Lower	Upper
97	100		
99	11.7	43.3	80.3#
83	248.8	60.5	112.5#
85	35.3	38.3	71.1#



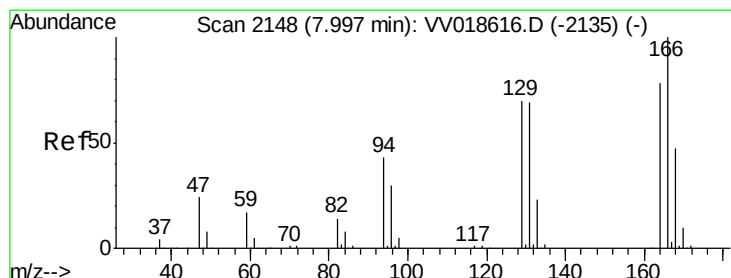
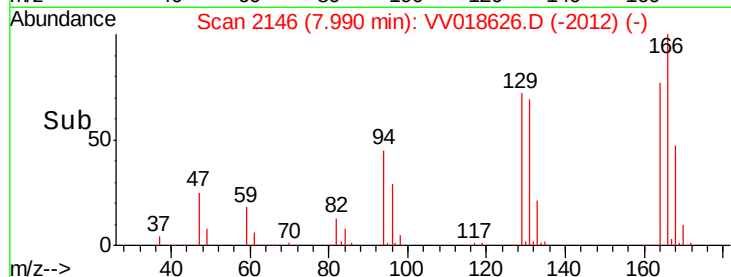
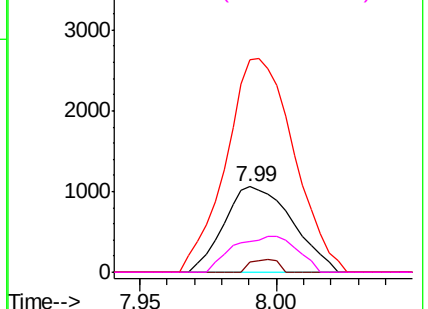
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

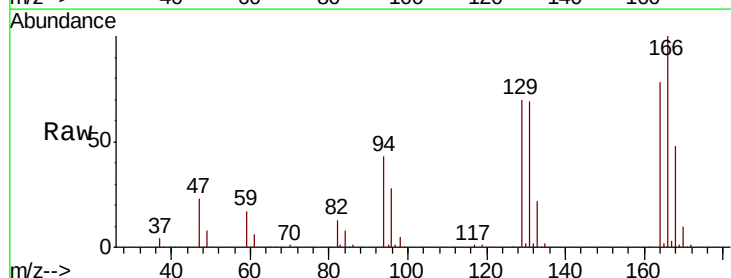
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46
Tetrachloroethene
Concen: 100.947 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018626.D
Acq: 02 Oct 2020 15:24

Tgt Ion:	164	Resp:	231811
Ion	Ratio	Lower	Upper
164	100		
129	89.5	62.8	116.6
131	88.5	60.8	112.8
166	128.6	88.9	165.1



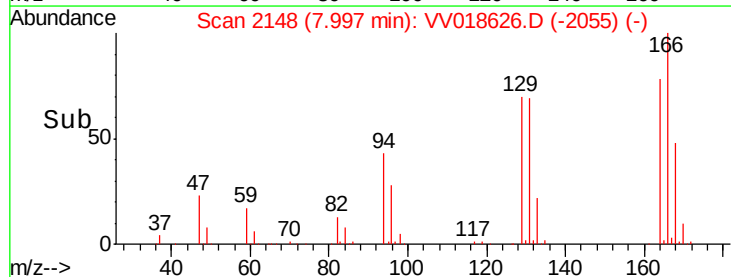
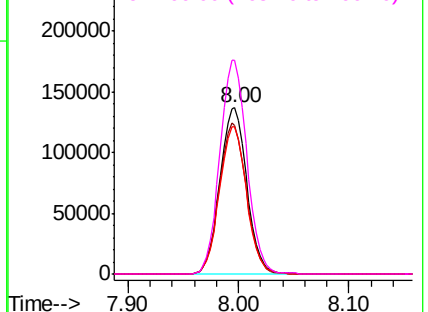
Abundance

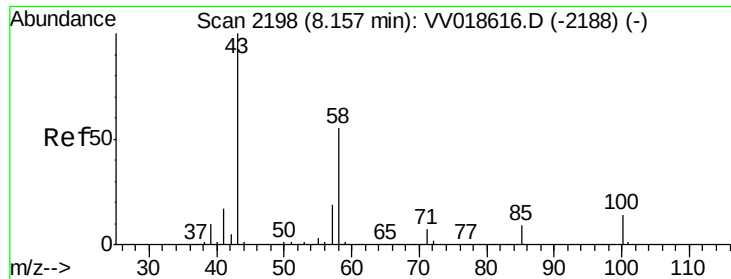
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

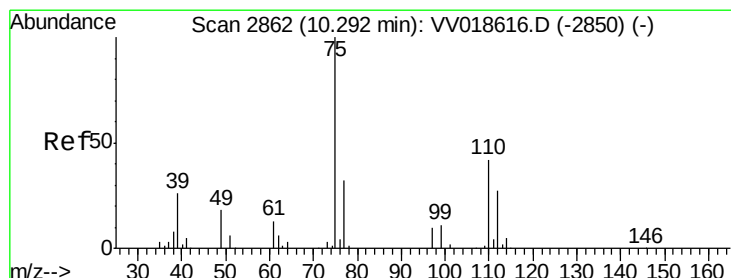
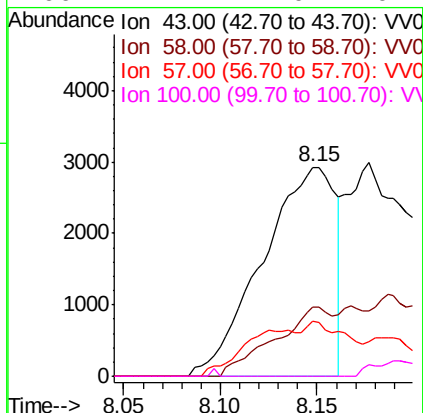
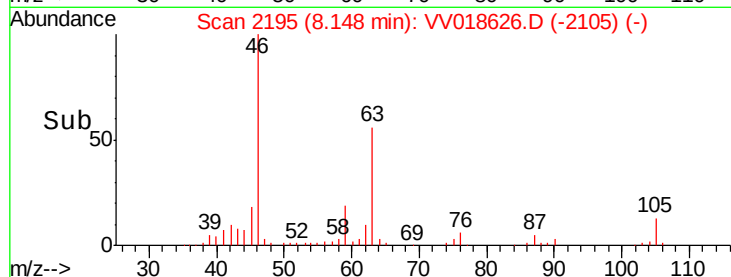
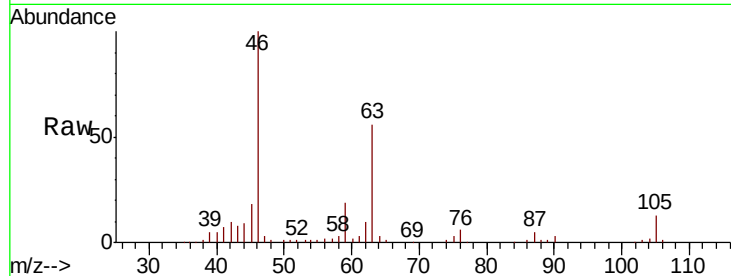




#48
 2-Hexanone
 Concen: 3.035 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VV018626.D
 Acq: 02 Oct 2020 15:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3TIME

Tot Ion: 43 Resp: 7644
 Ion Ratio Lower Upper
 43 100
 58 25.5 45.1 67.7#
 57 2.1 15.7 23.5#
 100 1.4 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.093 ug/L
 RT: 11.28 min Scan# 3168
 Delta R.T. 0.98 min
 Lab File: VV018626.D
 Acq: 02 Oct 2020 15:24

Tgt Ion: 75 Resp: 18538
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.4 38.0#

