

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018627.D
 Acq On : 02 Oct 2020 15:54
 Operator : SY/MD
 Sample : L4203-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S0

Quant Time: Oct 03 00:52:59 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	286525	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96776	57.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.18%
7) Chloroethane-d5	1.58	69	90475	65.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.24%#
11) 1,1-Dichloroethene-d2	2.12	63	165116	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
21) 2-Butanone-d5	3.91	46	116687	93.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.09%
24) Chloroform-d	4.37	84	183990	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.05	65	126385	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.58%
32) Benzene-d6	5.07	84	367820	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
36) 1,2-Dichloropropane-d6	6.09	67	111782	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.16%
41) Toluene-d8	7.33	98	333566	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	7.64	79	52592	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.11	63	58928	71.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.59%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	113602	39.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	141895	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%

Target Compounds

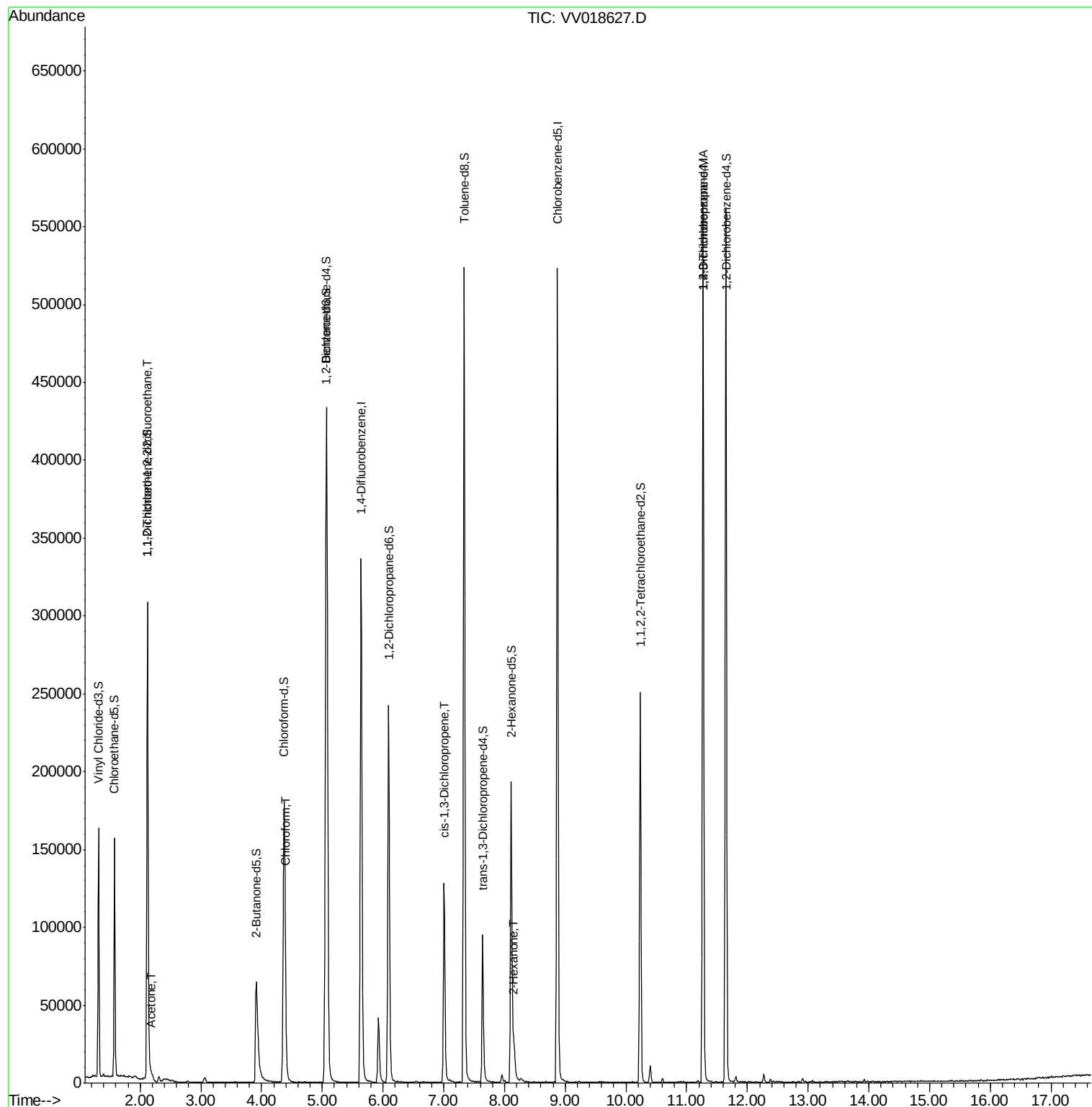
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1487	0.798	ug/L #	17
13) Acetone	2.20	43	5271	4.867	ug/L	96
25) Chloroform	4.40	83	5600	1.480	ug/L	98
39) cis-1,3-Dichloropropene	7.00	75	3693	1.103	ug/L #	50
48) 2-Hexanone	8.16	43	14327	6.667	ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	15543	5.987	ug/L	90

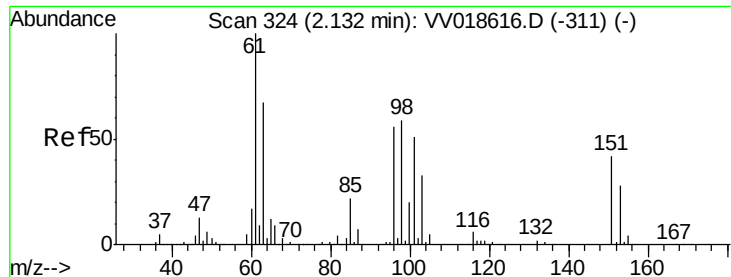
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 00:50:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.798 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018627.D

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BG3S0

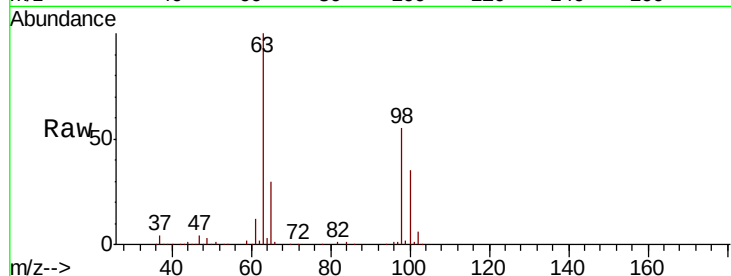
Tot Ion:101 Resp: 1487

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

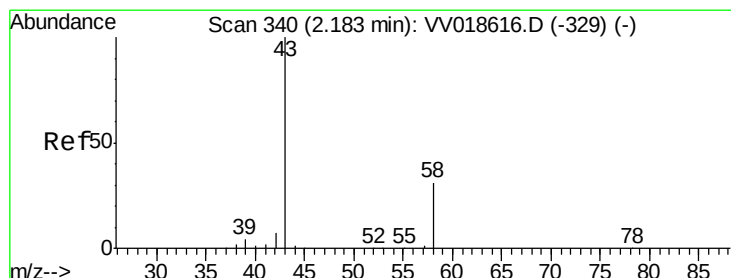
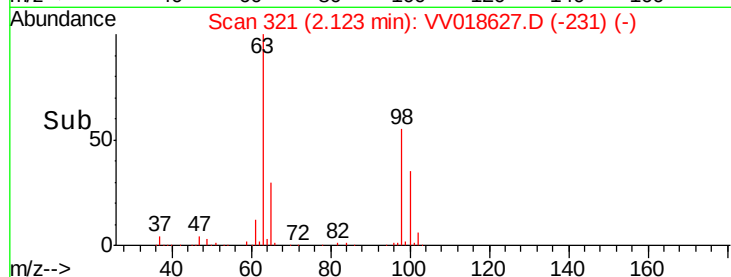
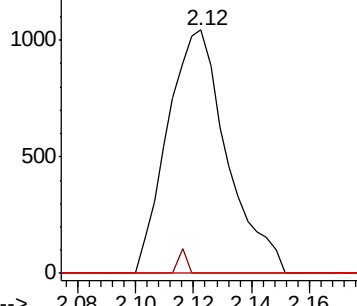
151 0.0 64.3 96.5#



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



#13

Acetone

Concen: 4.867 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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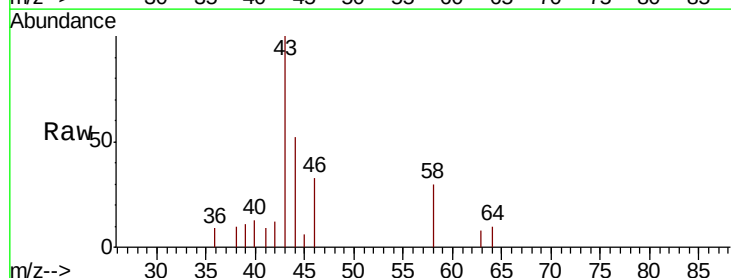
Acq: 02 Oct 2020 15:54

Tgt Ion: 43 Resp: 5271

Ion Ratio Lower Upper

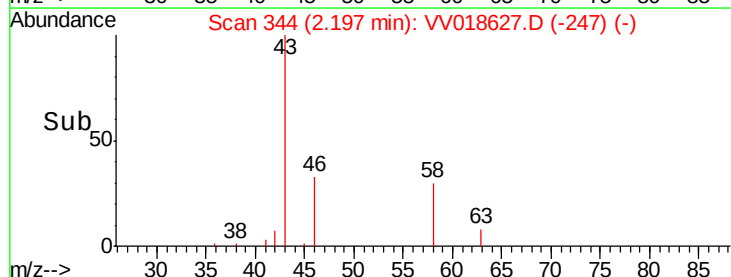
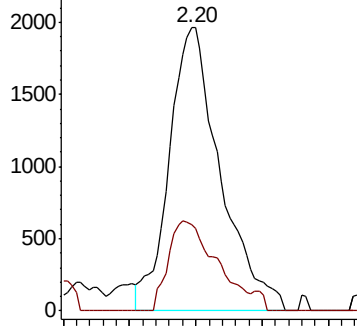
43 100

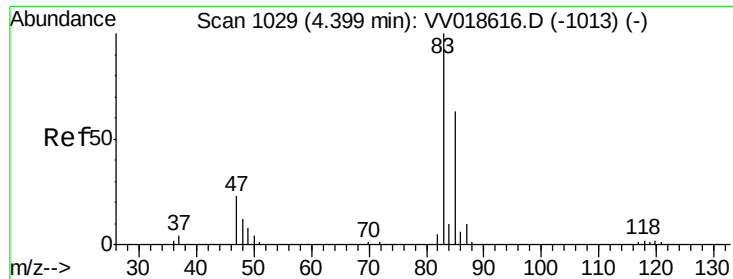
58 29.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

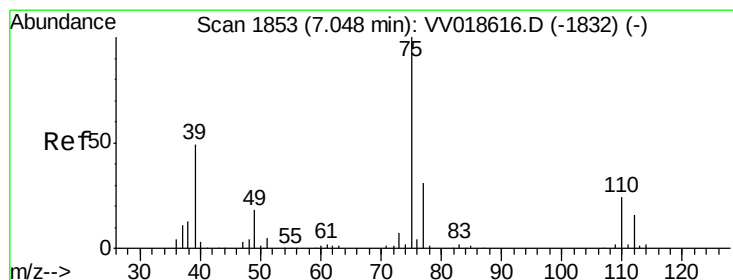
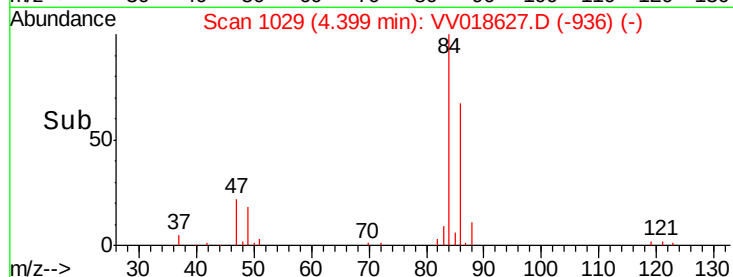
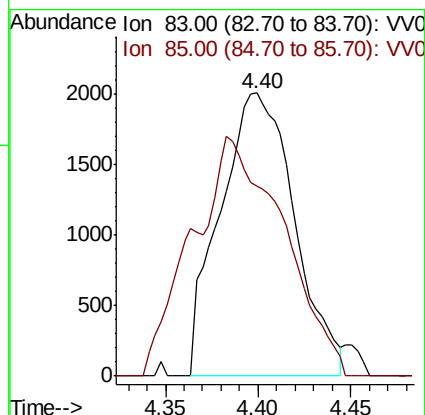
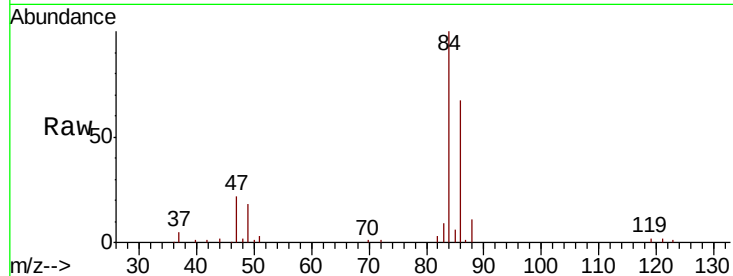




#25
Chloroform
Concen: 1.480 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018627.D
Acq: 02 Oct 2020 15:54

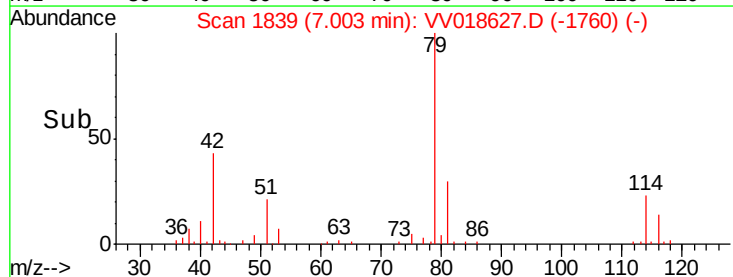
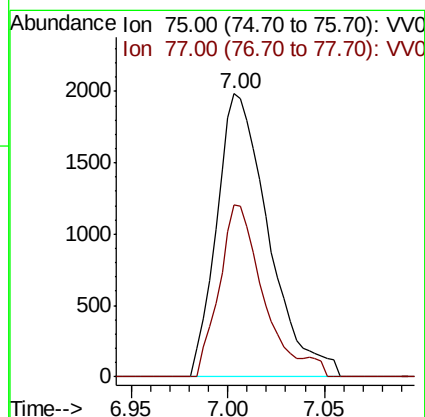
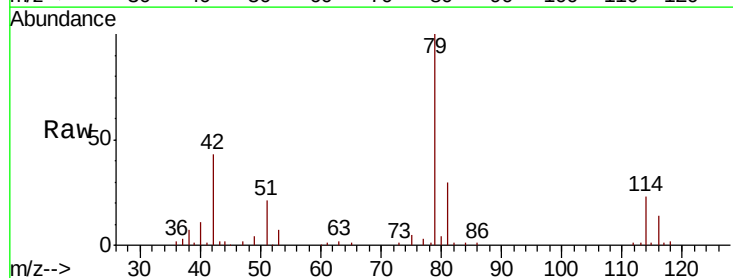
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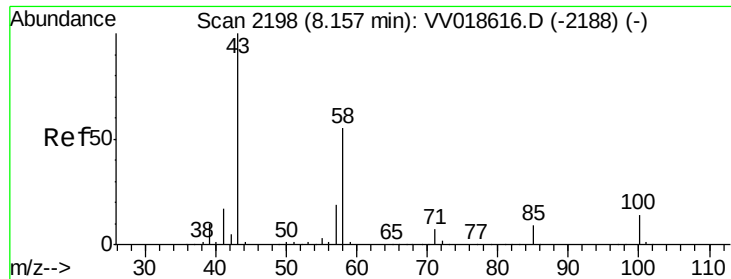
Tot Ion: 83 Resp: 5600
Ion Ratio Lower Upper
83 100
85 67.2 46.2 85.8



#39
cis-1,3-Dichloropropene
Concen: 1.103 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV018627.D
Acq: 02 Oct 2020 15:54

Tgt Ion: 75 Resp: 3693
Ion Ratio Lower Upper
75 100
77 60.9 23.0 42.6#

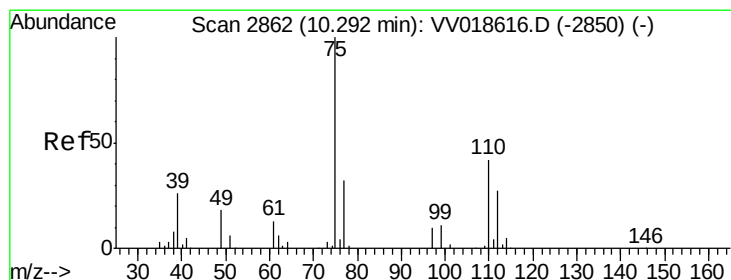
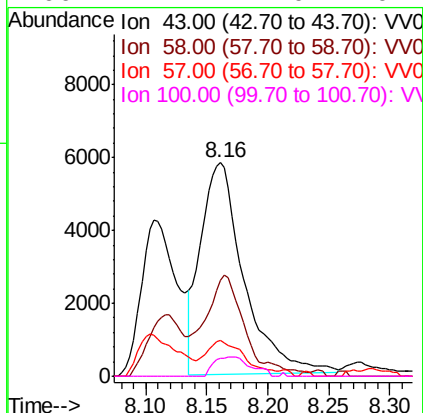
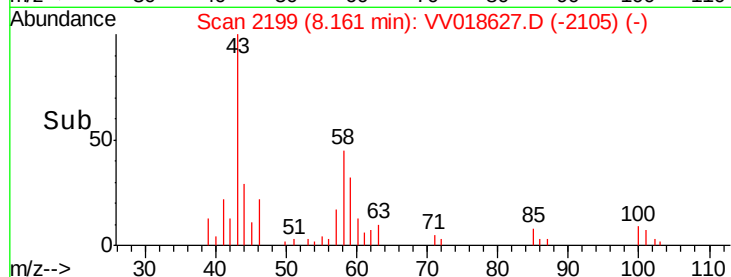
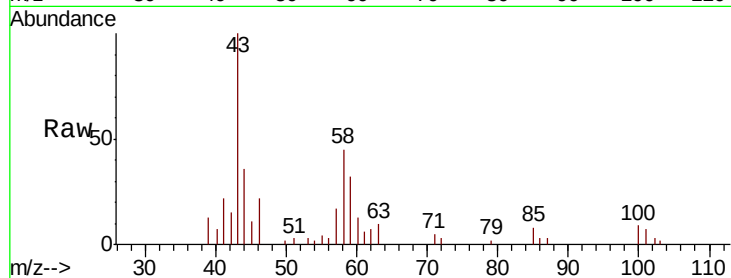




#48
2-Hexanone
Concen: 6.667 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018627.D
Acq: 02 Oct 2020 15:54

Instrument :
MSVOA_V
ClientSampleId :
BG3S0

Tot Ion: 43 Resp: 14327
Ion Ratio Lower Upper
43 100
58 31.8 45.1 67.7#
57 12.2 15.7 23.5#
100 7.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.987 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018627.D
Acq: 02 Oct 2020 15:54

Tgt Ion: 75 Resp: 15543
Ion Ratio Lower Upper
75 100
77 37.0 25.4 38.0

