

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007423.D
 Acq On : 06 Sep 2018 16:36
 Operator : SY/MD
 Sample : J4719-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 07 01:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	525504	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	516390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	237030	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154025	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.51	69	386	0.16	ug/L	-0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.32%#
11) 1,1-Dichloroethene-d2	2.13	63	222220	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.96	46	231707	75.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.89%
24) Chloroform-d	4.41	84	354839	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.09	65	223329	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.10	84	703763	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.13	67	240285	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.36	98	571388	42.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.30%
43) trans-1,3-Dichloropropene-	7.67	79	92431	41.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.22%
47) 2-Hexanone-d5	8.14	63	164614	80.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.51%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	328493	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	239397	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

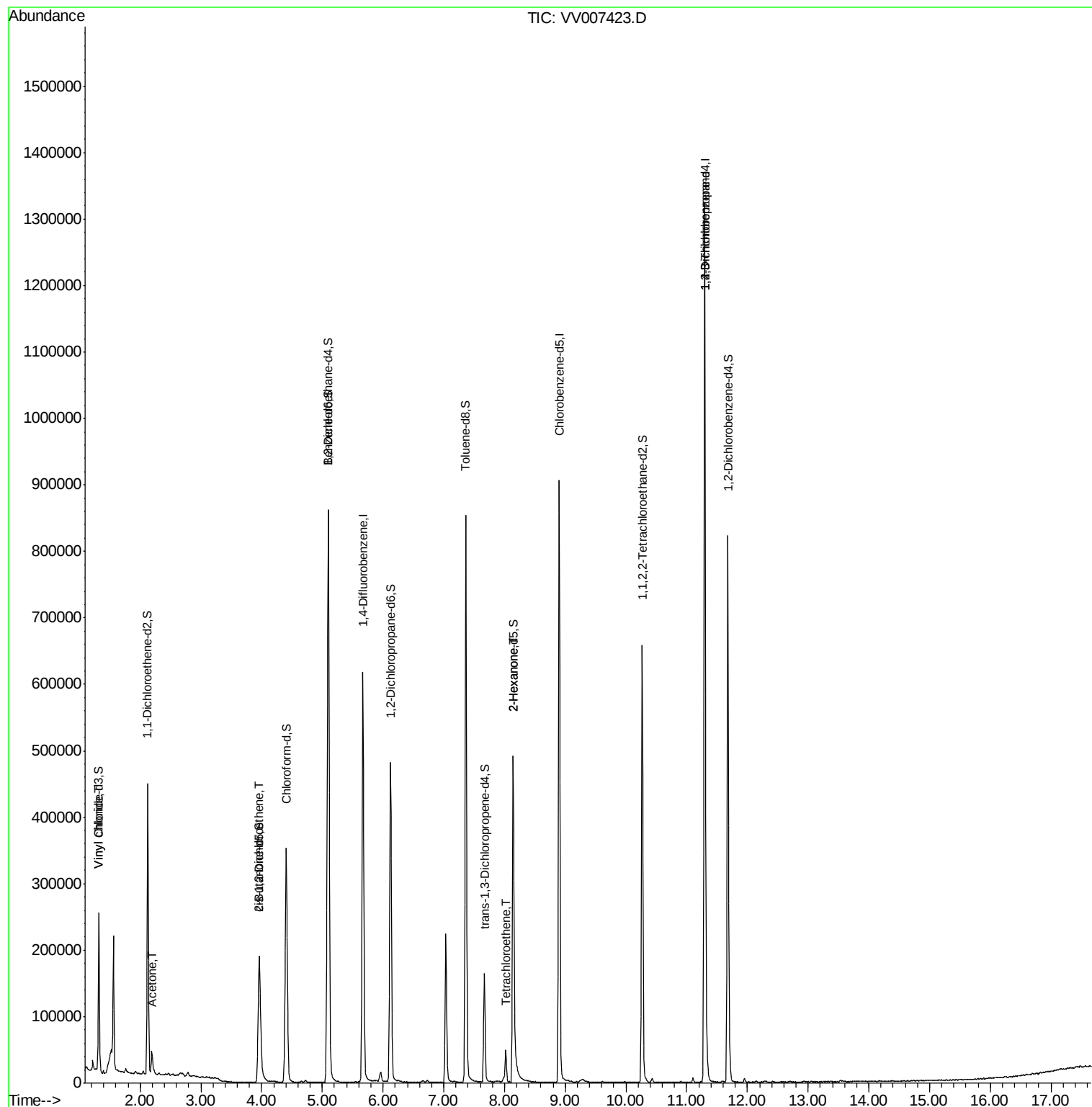
					Ovalue
5) Vinyl chloride	1.32	62	7267	1.620	ug/L # 51
13) Acetone	2.20	43	27660	15.213	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	18862	4.521	ug/L 97
46) Tetrachloroethene	8.02	164	10999	3.392	ug/L 92
48) 2-Hexanone	8.14	43	21657	5.296	ug/L # 73
59) 1,2,3-Trichloropropane	11.30	75	28843	5.343	ug/L # 1

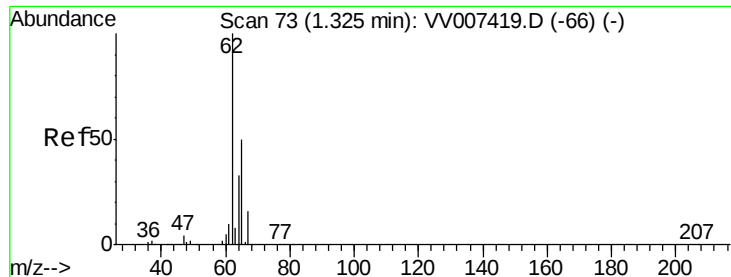
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.620 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV007423.D

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Instrument :

MSVOA_V

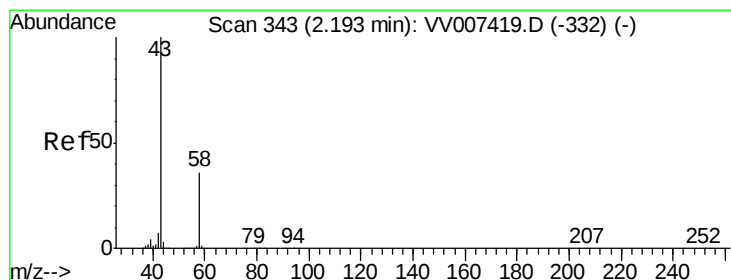
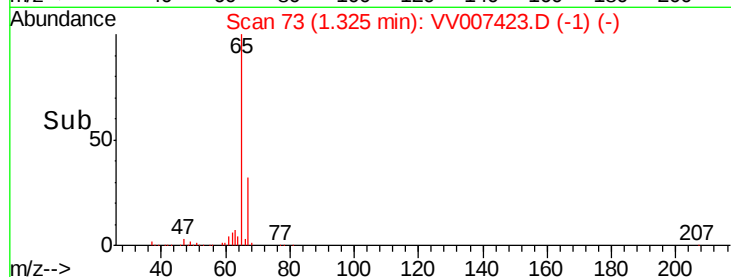
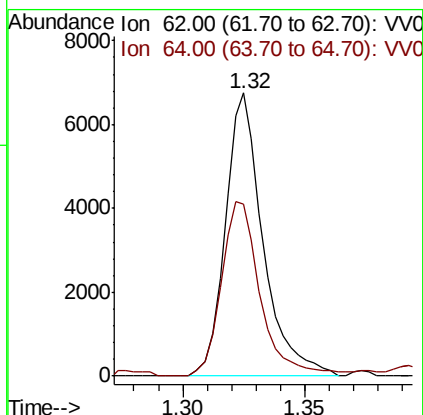
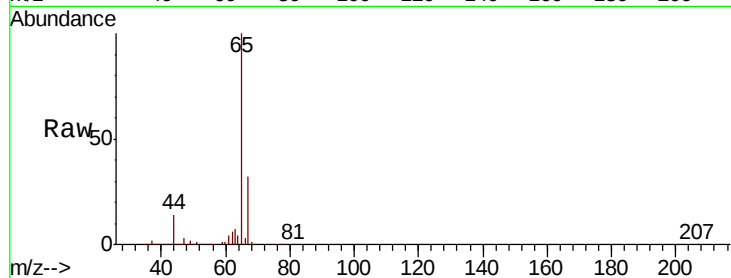
ClientSampleId :

Tot Ion: 62 Resp: 7267

Ion Ratio Lower Upper

62 100

64 61.0 23.2 43.2#



#13

Acetone

Concen: 15.213 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007423.D

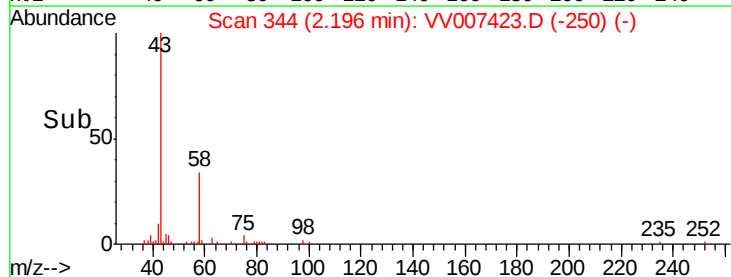
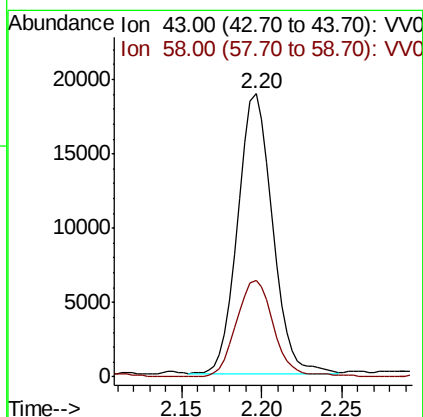
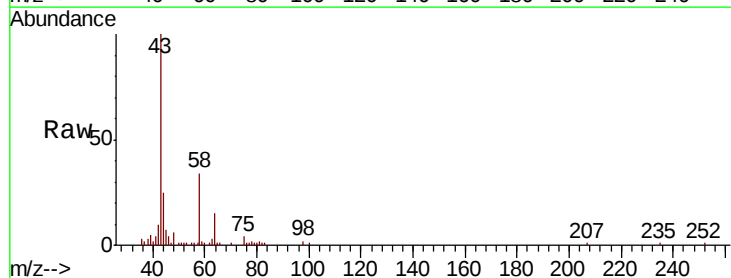
Acq: 06 Sep 2018 16:36

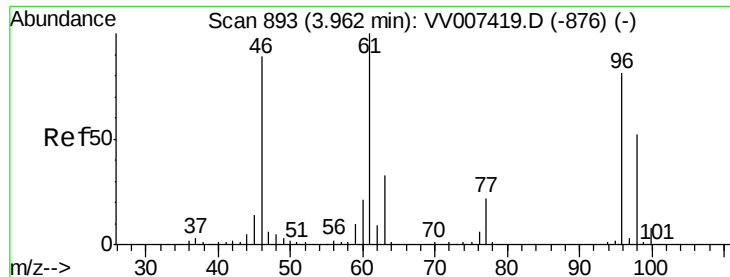
Tgt Ion: 43 Resp: 27660

Ion Ratio Lower Upper

43 100

58 37.1 0.0 71.2

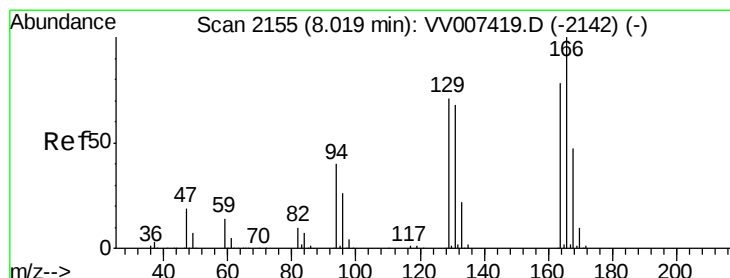
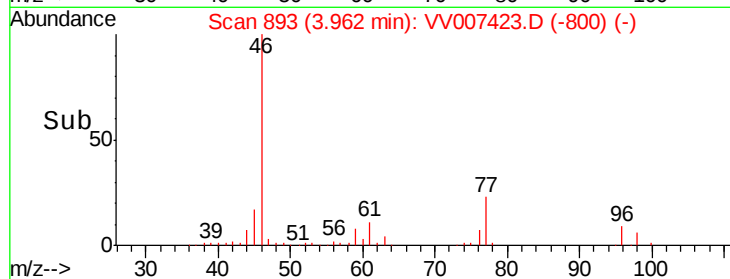
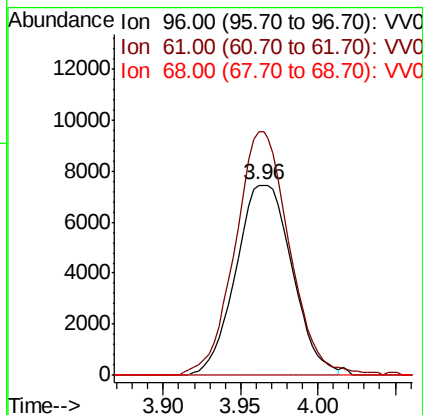
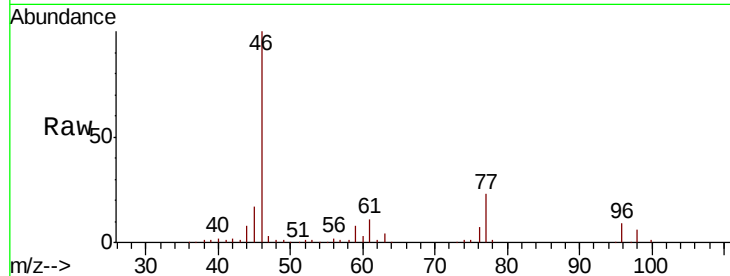




#20
 cis-1,2-Dichloroethene
 Concen: 4.521 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV007423.D
 Acq: 06 Sep 2018 16:36

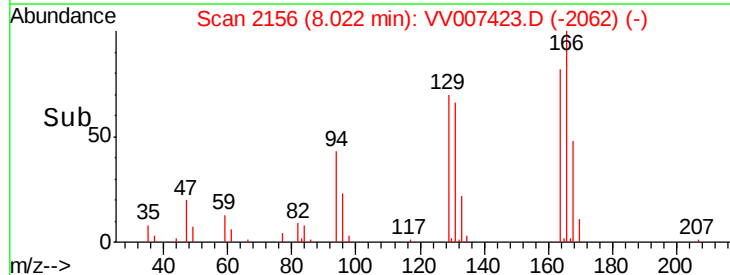
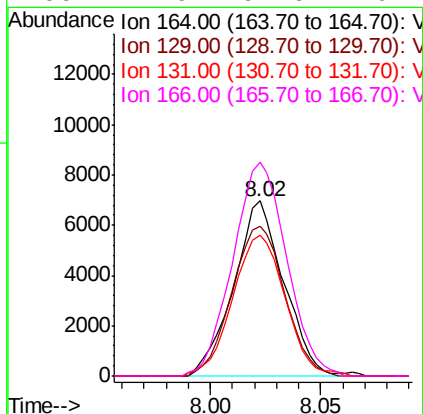
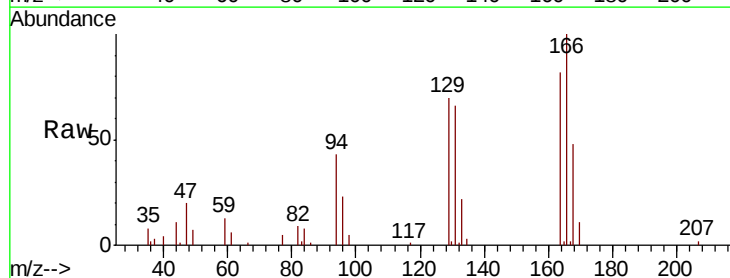
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 MSVOA_V
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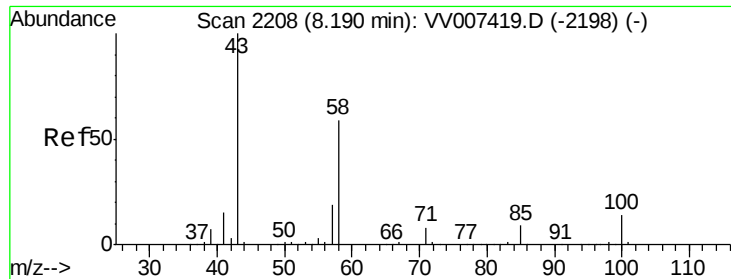
Tot Ion: 96 Resp: 18862
 Ion Ratio Lower Upper
 96 100
 61 127.7 86.8 161.2
 68 0.0 0.0 0.0



#46
 Tetrachloroethene
 Concen: 3.392 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007423.D
 Acq: 06 Sep 2018 16:36

Tgt Ion: 164 Resp: 10999
 Ion Ratio Lower Upper
 164 100
 129 85.5 63.9 118.7
 131 80.2 62.6 116.2
 166 121.9 91.6 170.2

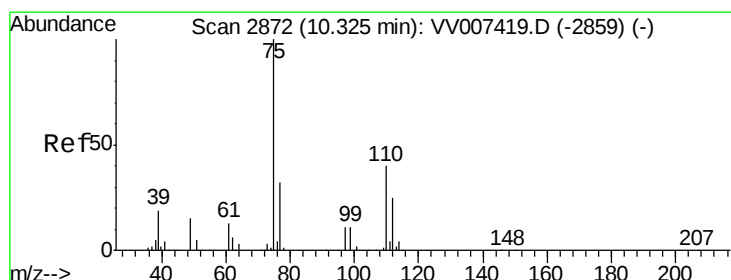
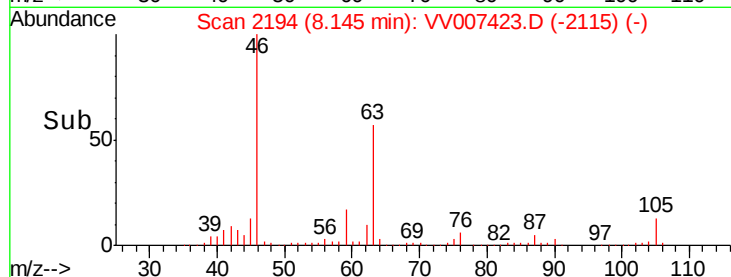
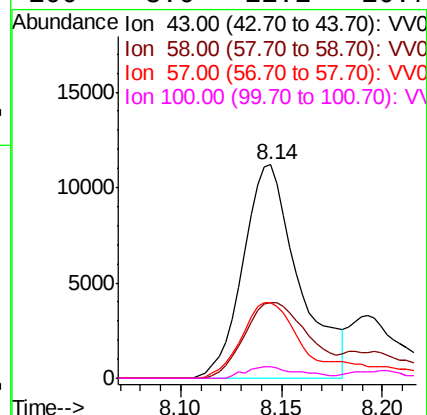
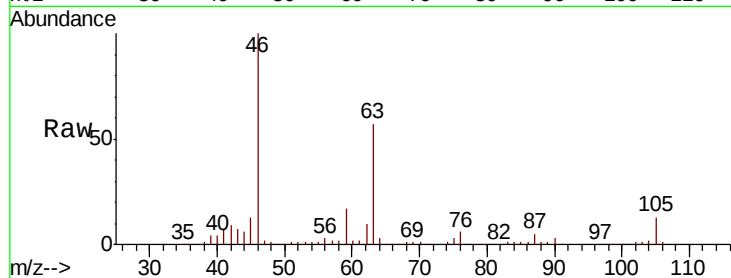




#48
2-Hexanone
Concen: 5.296 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV007423.D
Acq: 06 Sep 2018 16:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	48.6	72.8#
57	34.8	16.2	24.2#
100	3.6	11.1	16.7#



#59
1,2,3-Trichloropropane
Concen: 5.343 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.97 min
Lab File: VV007423.D
Acq: 06 Sep 2018 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	120.1	25.5	38.3#

