

Data File : VV014027.D
Acq On : 12 Dec 2019 10:30
Operator : SY/MD
Sample : VV1212WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK90

Quant Time: Dec 13 06:16:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	731824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	722478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	286832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	220359	52.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.12%
7) Chloroethane-d5	1.57	69	207022	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.13	63	309781	33.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	3.92	46	294669	98.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.91%
24) Chloroform-d	4.40	84	443356	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.07	65	280595	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.09	84	905840	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
36) 1,2-Dichloropropane-d6	6.11	67	286760	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.35	98	780228	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%
43) trans-1,3-Dichloropropene-	7.66	79	117360	42.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.84%
47) 2-Hexanone-d5	8.13	63	151030	71.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.98%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	331978	40.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	301523	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

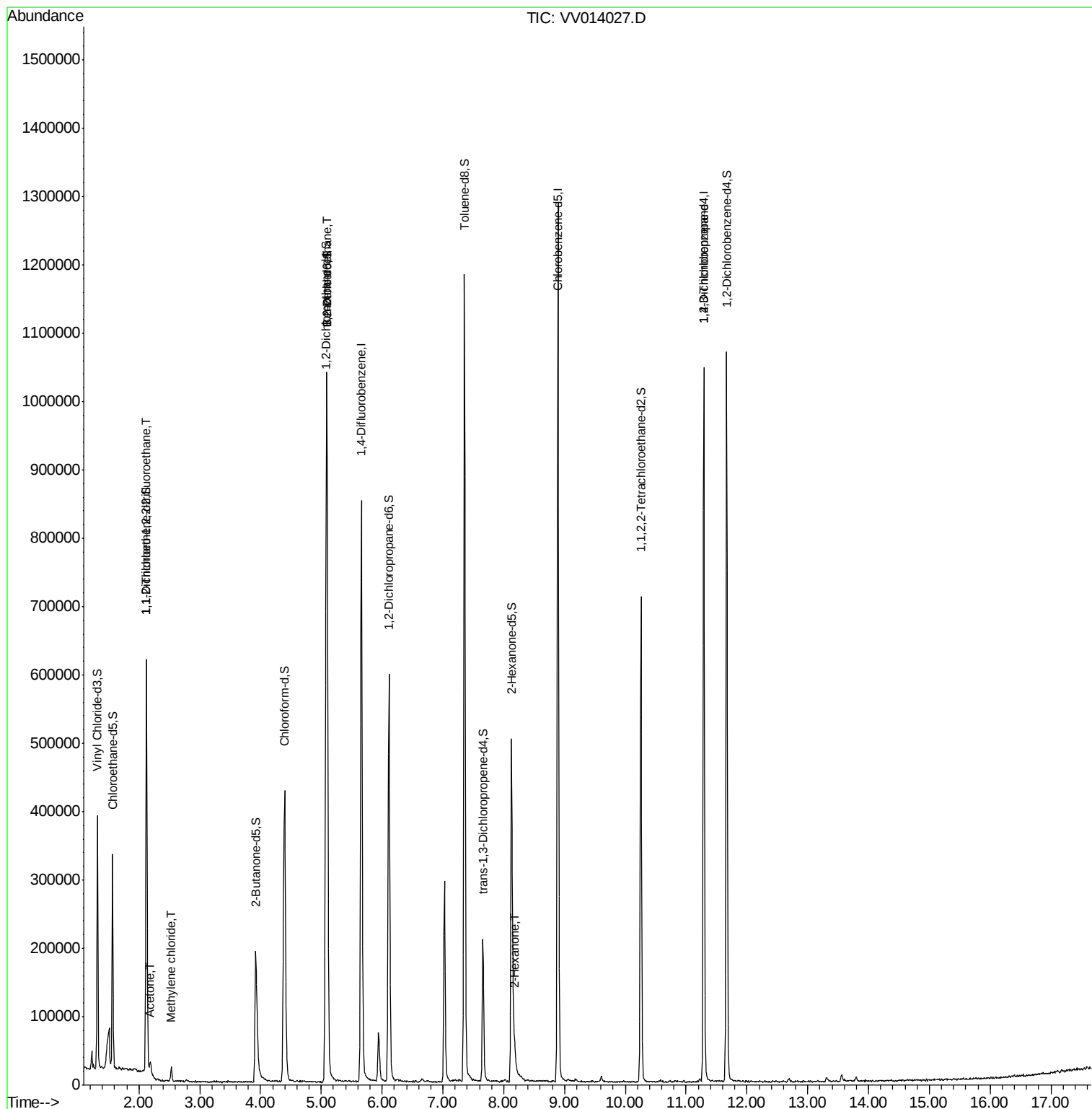
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3898	0.708	ug/L #	23
13) Acetone	2.18	43	10628	2.434	ug/L	72
16) Methylene chloride	2.53	84	9048	1.634	ug/L	87
27) 1,2-Dichloroethane	5.09	62	5431	0.752	ug/L	97
48) 2-Hexanone	8.18	43	18727	3.457	ug/L #	85
59) 1,2,3-Trichloropropane	11.29	75	29085	4.127	ug/L	91

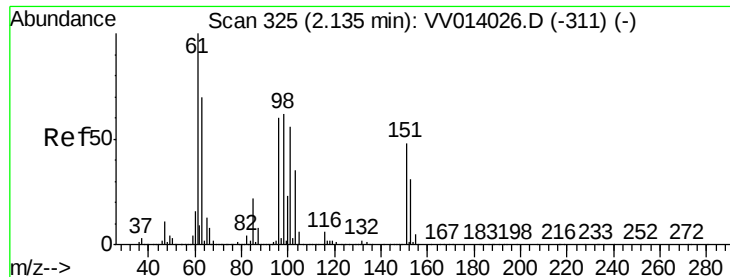
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 06:14:07 2019
Response via : Initial Calibration





#10

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

Concen: 0.708 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK90

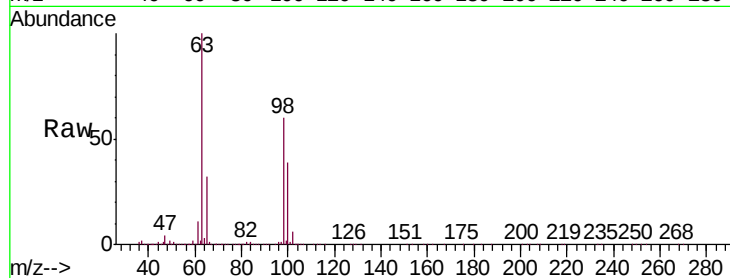
Tgt Ion:101 Resp: 3898

Ion Ratio Lower Upper

101 100

85 4.7 32.5 48.7#

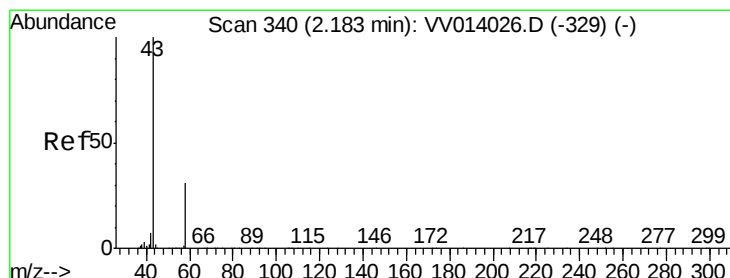
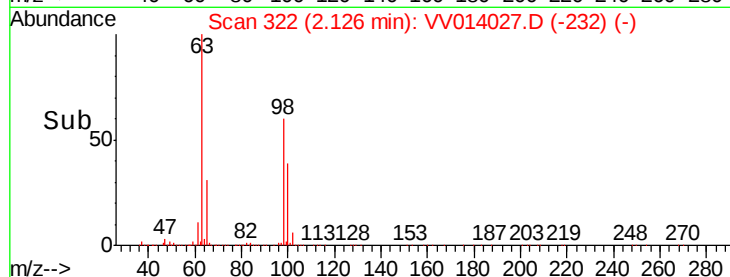
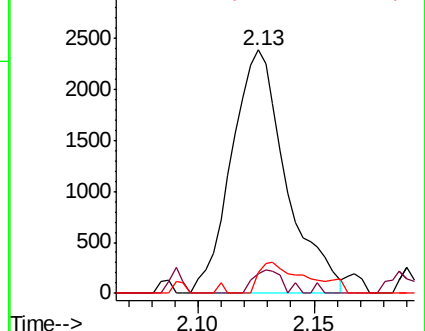
151 7.0 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): VV014027.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV014027.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV014027.D (-232) (-)



#13

Acetone

Concen: 2.434 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014027.D

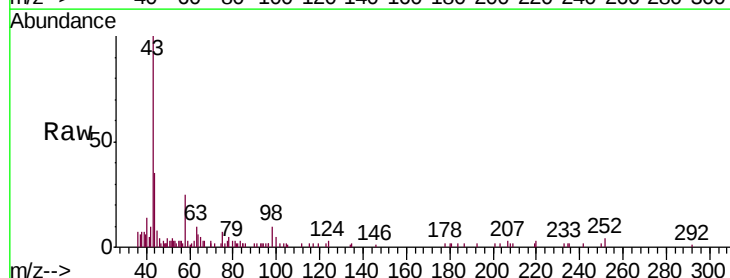
Acq: 12 Dec 2019 10:30

Tgt Ion: 43 Resp: 10628

Ion Ratio Lower Upper

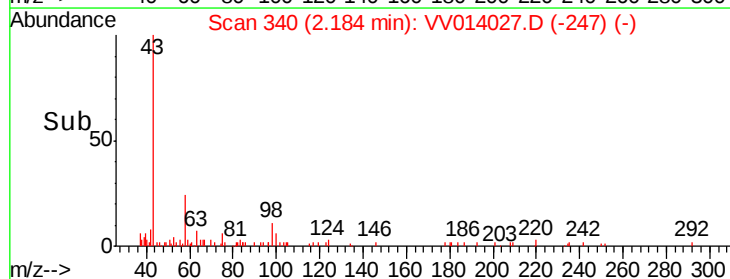
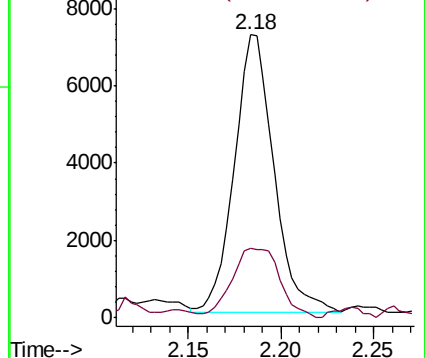
43 100

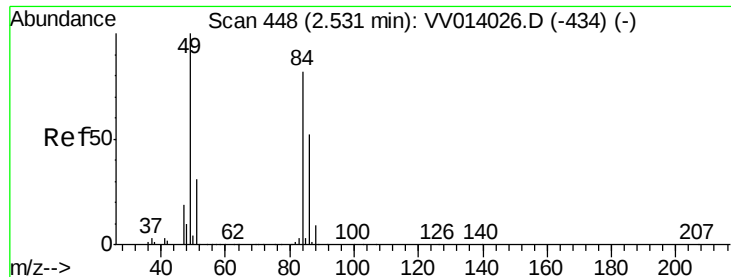
58 15.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014027.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VV014027.D (-247) (-)

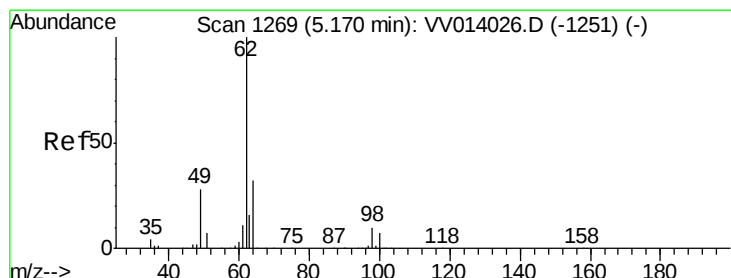
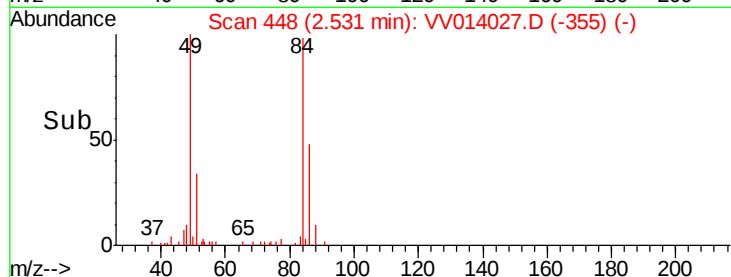
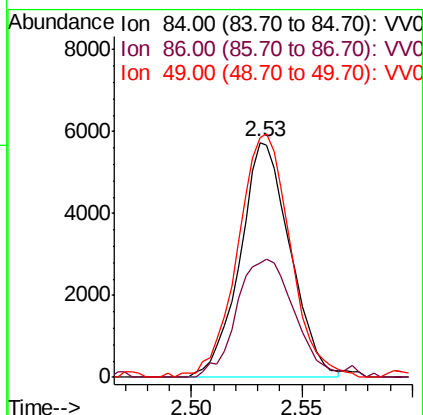
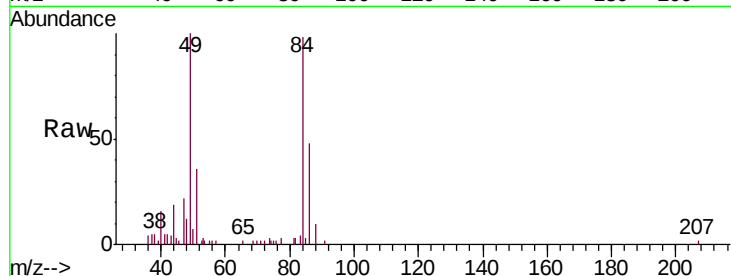




#16
Methylene chloride
Concen: 1.634 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV014027.D
Acq: 12 Dec 2019 10:30

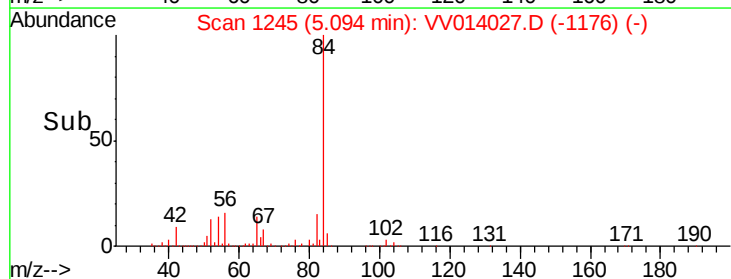
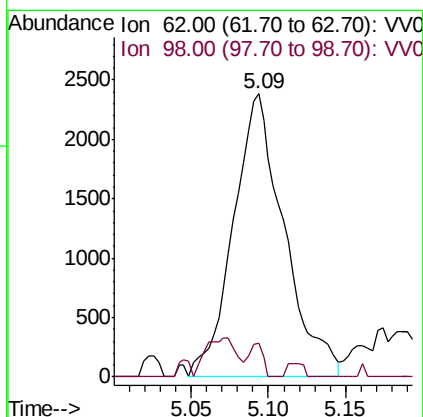
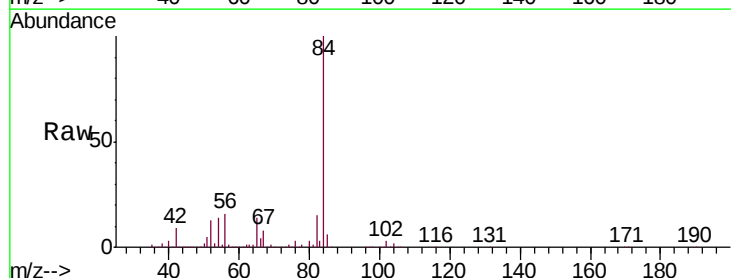
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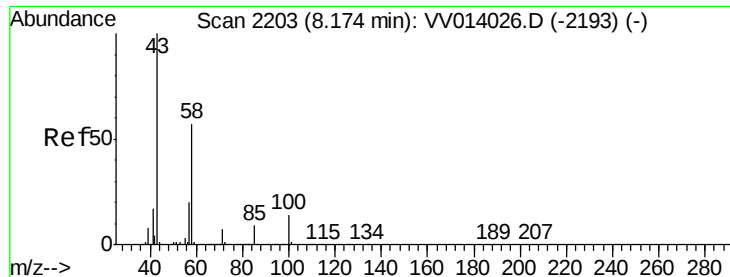
Tgt Ion: 84 Resp: 9048
Ion Ratio Lower Upper
84 100
86 48.9 43.9 81.5
49 101.9 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.752 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV014027.D
Acq: 12 Dec 2019 10:30

Tgt Ion: 62 Resp: 5431
Ion Ratio Lower Upper
62 100
98 11.8 8.5 12.7

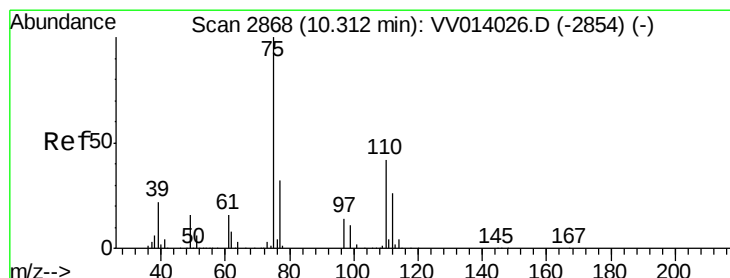
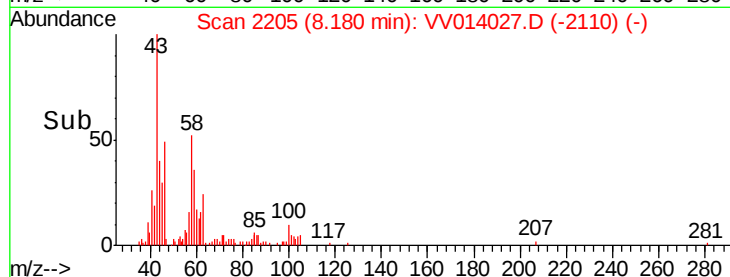
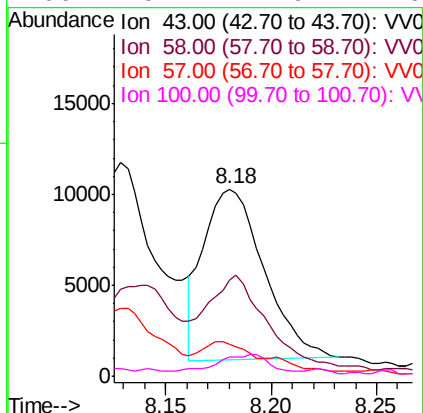
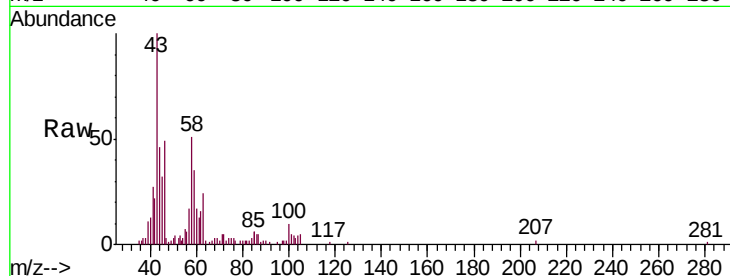




#48
 2-Hexanone
 Concen: 3.457 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VV014027.D
 Acq: 12 Dec 2019 10:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK90

Tgt Ion: 43 Resp: 18727
 Ion Ratio Lower Upper
 43 100
 58 51.6 48.4 72.6
 57 7.3 16.6 24.8#
 100 9.7 11.9 17.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.127 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014027.D
 Acq: 12 Dec 2019 10:30

Tgt Ion: 75 Resp: 29085
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.8 38.8

