

Data File : VV013947.D
Acq On : 06 Dec 2019 18:45
Operator : SY/MD
Sample : K6170-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BW0

Quant Time: Dec 07 01:43:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 01:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	631673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	605265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	224353	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	183846	50.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.64%
7) Chloroethane-d5	1.57	69	194177	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.84%
11) 1,1-Dichloroethene-d2	1.91	63	225	0.03	ug/L	-0.22
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.92	46	225196	87.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.58%
24) Chloroform-d	4.39	84	355672	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	5.08	65	225258	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.09	84	716152	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.11	67	224861	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.35	98	592913	41.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.94%
43) trans-1,3-Dichloropropene-	7.66	79	86502	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
47) 2-Hexanone-d5	8.13	63	113364	64.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.49%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	267721	39.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	212235	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

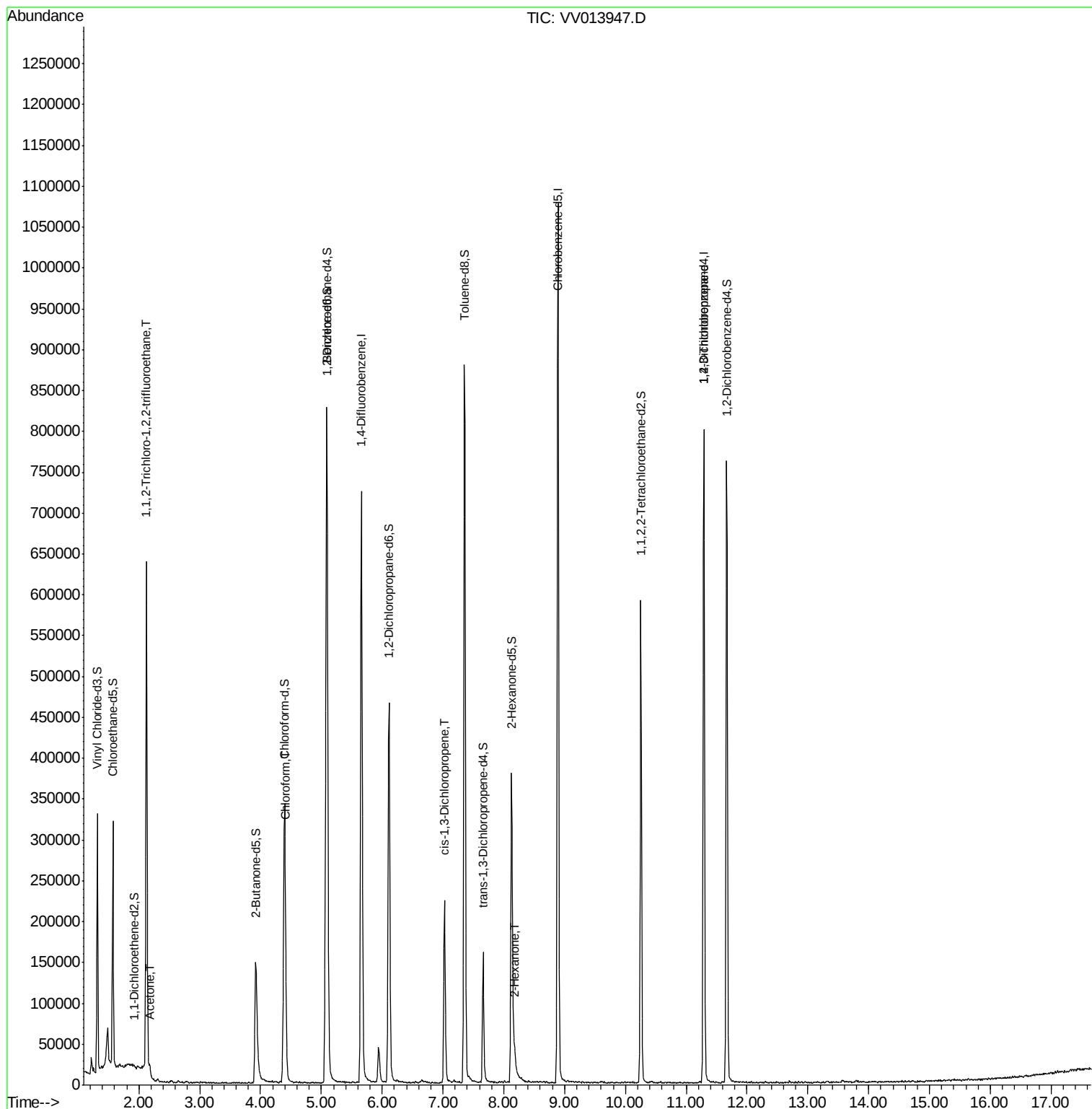
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3060	0.644 ug/L #	24
13) Acetone	2.18	43	3941	1.046 ug/L	91
25) Chloroform	4.41	83	8801	1.018 ug/L	96
39) cis-1,3-Dichloropropene	7.02	75	5018	0.731 ug/L #	49
48) 2-Hexanone	8.18	43	13682	3.015 ug/L #	76
59) 1,2,3-Trichloropropane	11.29	75	22134	3.749 ug/L	93

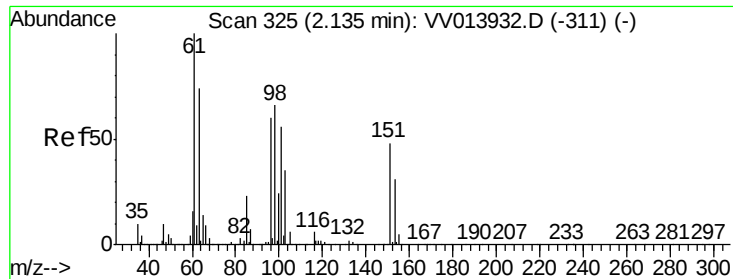
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.644 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0BW0

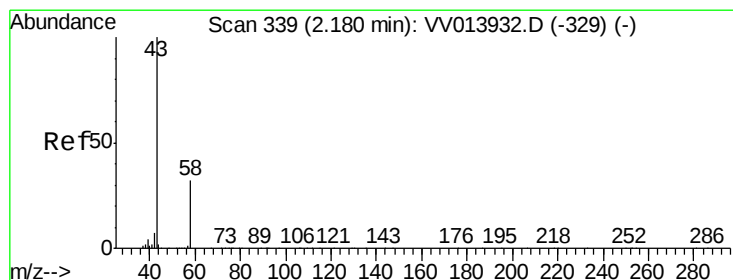
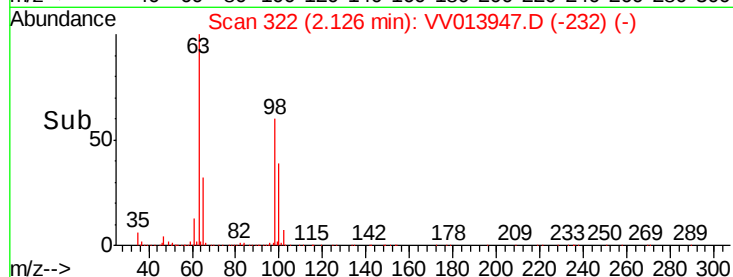
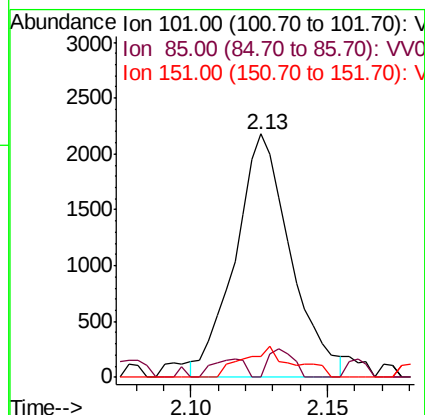
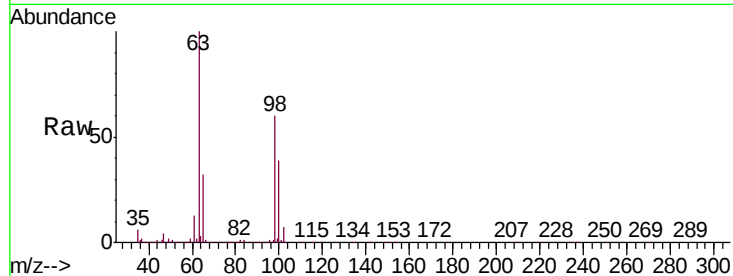
Tgt Ion:101 Resp: 3060

Ion Ratio Lower Upper

101 100

85 5.1 32.5 48.7#

151 9.2 69.8 104.6#



#13

Acetone

Concen: 1.046 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013947.D

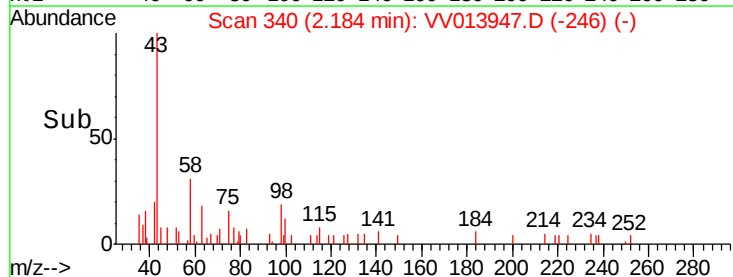
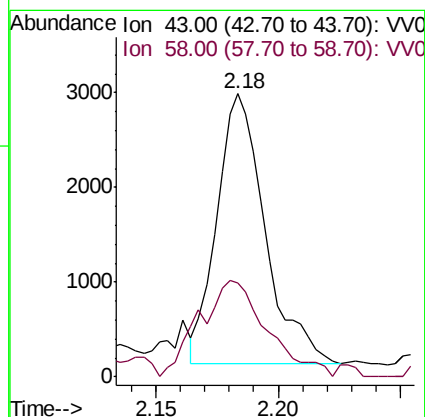
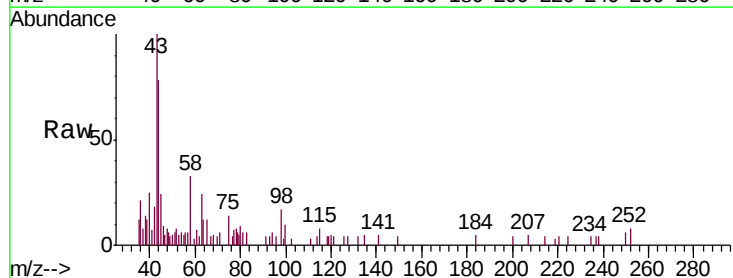
Acq: 06 Dec 2019 18:45

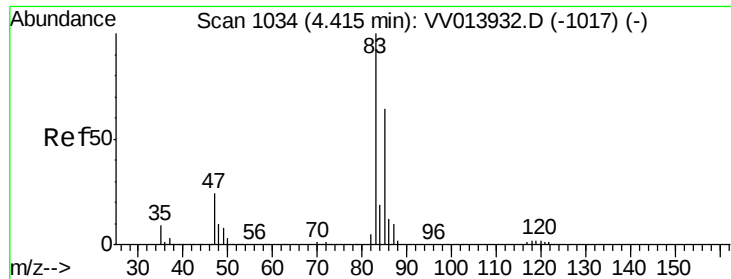
Tgt Ion: 43 Resp: 3941

Ion Ratio Lower Upper

43 100

58 35.1 0.0 60.8

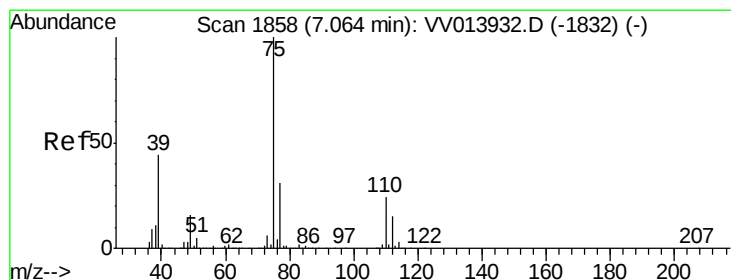
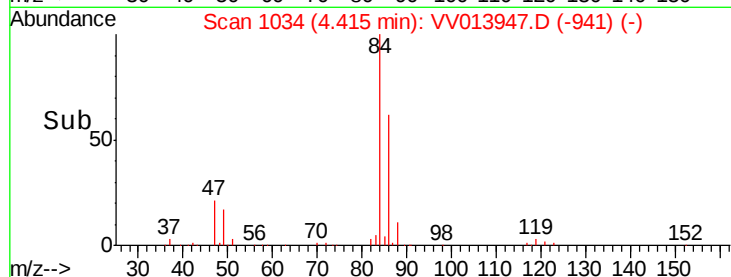
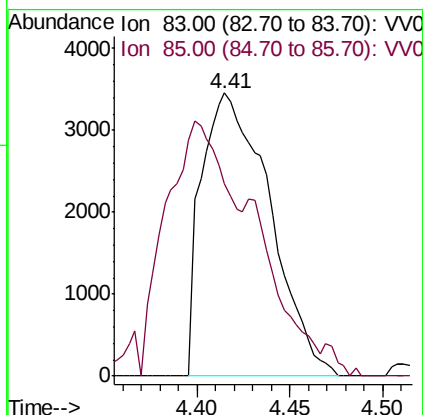
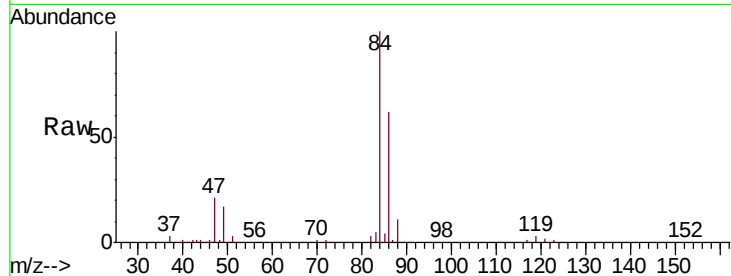




#25
Chloroform
Concen: 1.018 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VV013947.D
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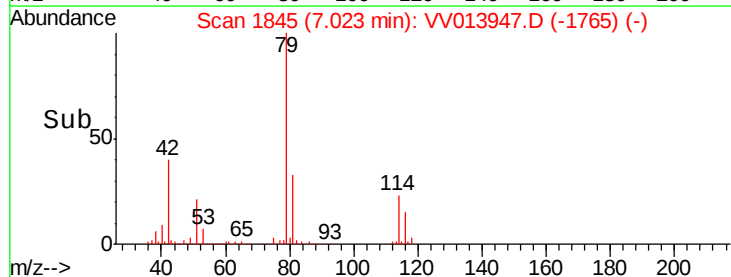
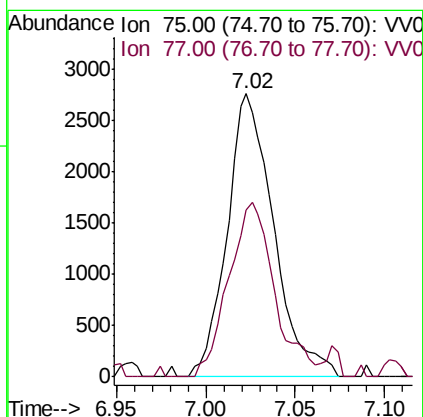
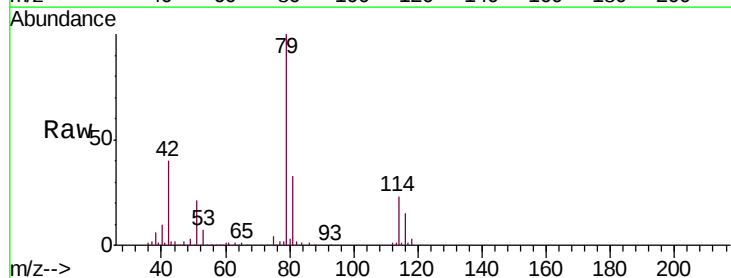
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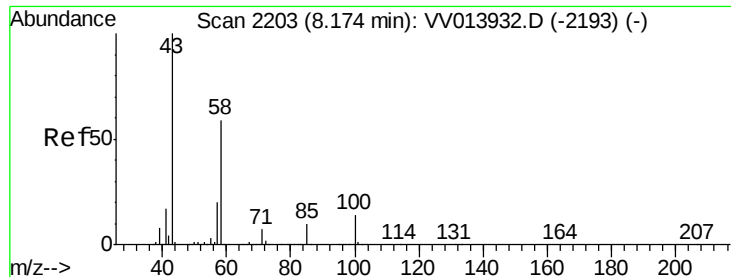
Tgt Ion: 83 Resp: 8801
Ion Ratio Lower Upper
83 100
85 68.2 45.7 84.9



#39
cis-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.04 min
Lab File: VV013947.D
Acq: 06 Dec 2019 18:45

Tgt Ion: 75 Resp: 5018
Ion Ratio Lower Upper
75 100
77 58.9 21.6 40.2#

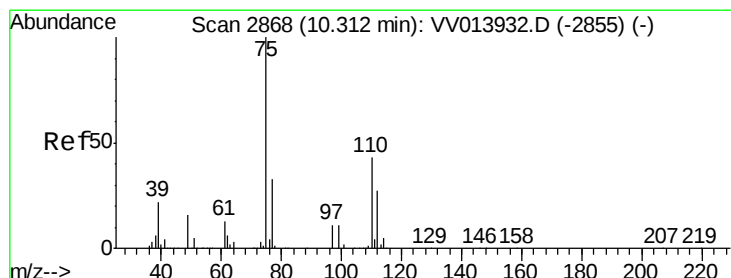
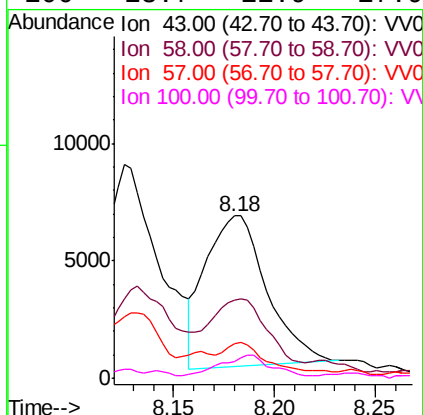
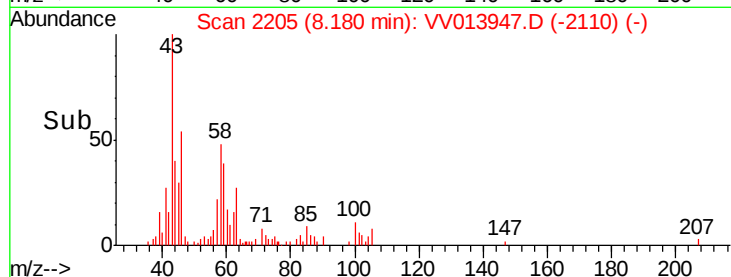
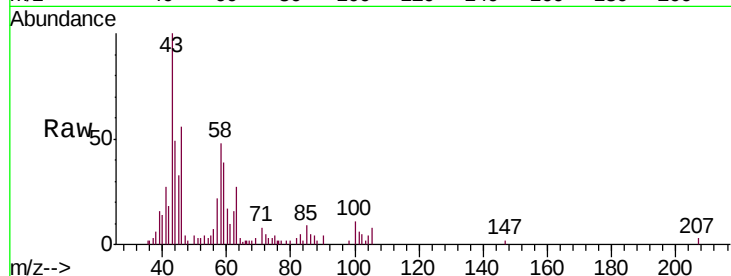




#48
2-Hexanone
Concen: 3.015 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013947.D
Acq: 06 Dec 2019 18:45

Instrument :
MSVOA_V
ClientSampleId :
C0BW0

Tgt Ion: 43 Resp: 13682
Ion Ratio Lower Upper
43 100
58 37.0 48.4 72.6#
57 12.1 16.6 24.8#
100 13.7 11.9 17.9



#59
1,2,3-Trichloropropane
Concen: 3.749 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013947.D
Acq: 06 Dec 2019 18:45

Tgt Ion: 75 Resp: 22134
Ion Ratio Lower Upper
75 100
77 36.1 25.8 38.8

