

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016740.D
 Acq On : 10 Jun 2020 00:21
 Operator : SY/MD
 Sample : L2914-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E00

Quant Time: Jun 10 03:48:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90824	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.02%
7) Chloroethane-d5	1.56	69	71932	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.10%
11) 1,1-Dichloroethene-d2	2.12	63	131022	29.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.30%#
21) 2-Butanone-d5	3.89	46	191178	98.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.15%
24) Chloroform-d	4.37	84	232689	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.05	65	169459	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.07	84	451343	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.09	67	142086	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.72%
41) Toluene-d8	7.34	98	397581	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%
43) trans-1,3-Dichloropropene-	7.64	79	65029	39.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.84%
47) 2-Hexanone-d5	8.11	63	128710	93.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199963	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	178012	48.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.16%

Target Compounds

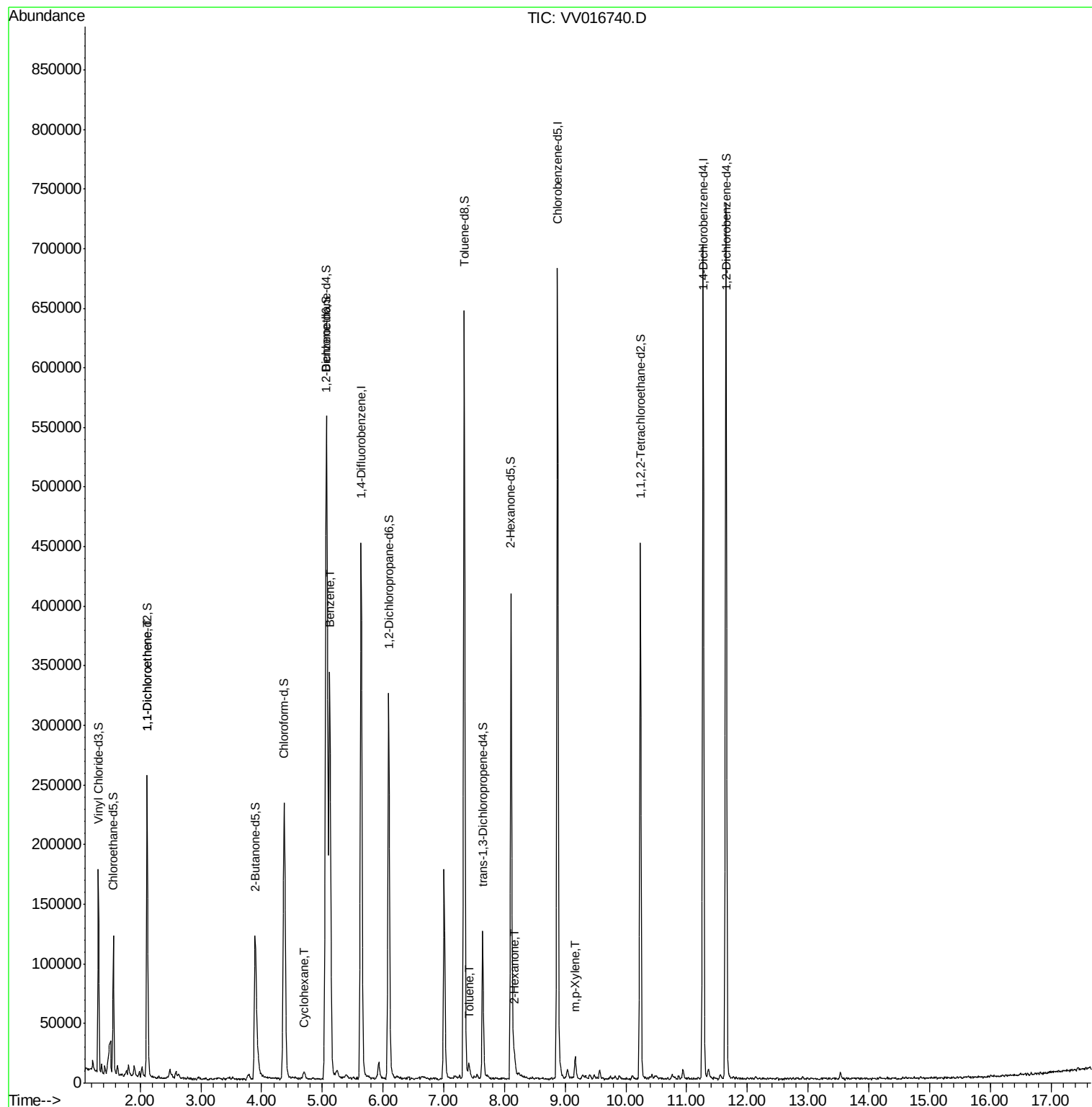
					Ovalue
12) 1,1-Dichloroethene	2.11	96	1380	0.746 ug/L #	1
29) Cyclohexane	4.70	56	3222	0.736 ug/L #	93
33) Benzene	5.12	78	331355	31.773 ug/L	100
42) Toluene	7.42	91	8318	0.757 ug/L	97
48) 2-Hexanone	8.16	43	10777	3.617 ug/L #	70
53) m,p-Xylene	9.16	106	4685	1.033 ug/L	98

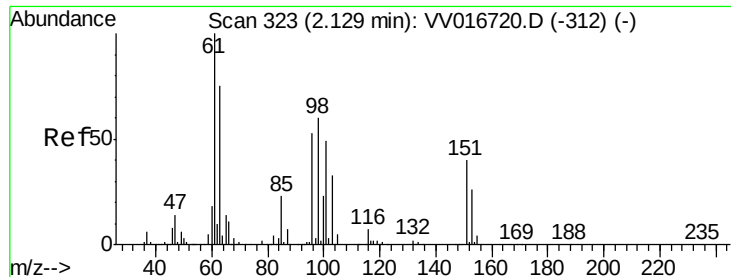
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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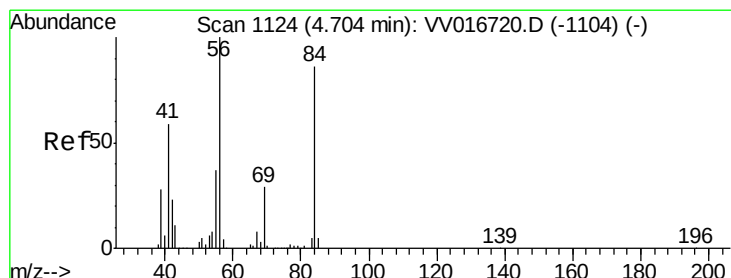
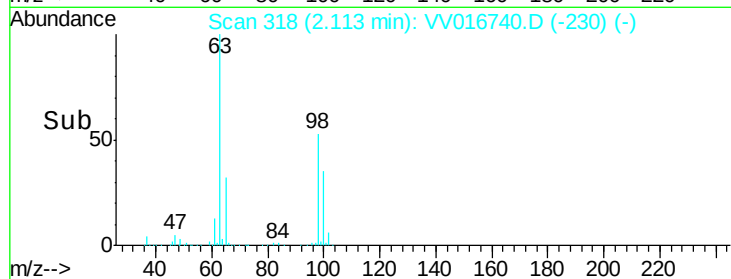
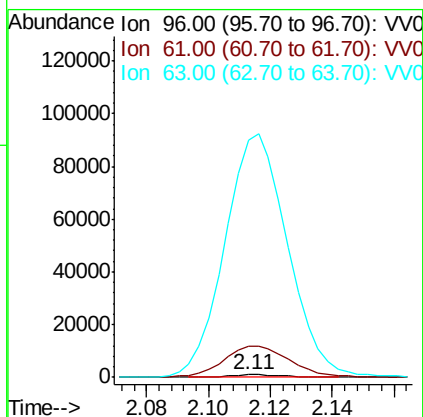
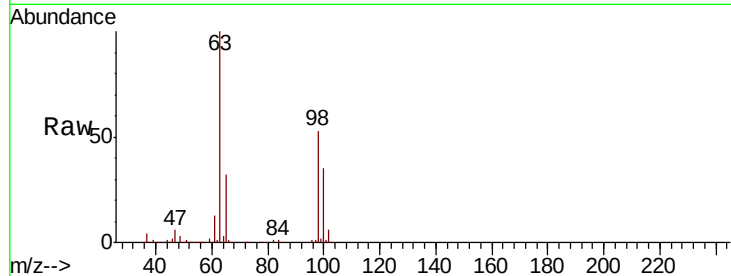




#12
 1,1-Dichloroethene
 Concen: 0.746 ug/L
 RT: 2.11 min Scan# 318
 Delta R.T. -0.02 min
 Lab File: VV016740.D
 Acq: 10 Jun 2020 00:21

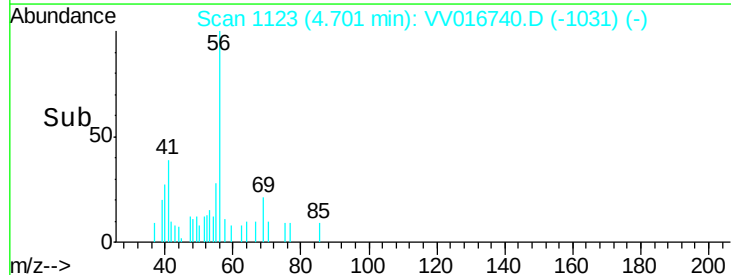
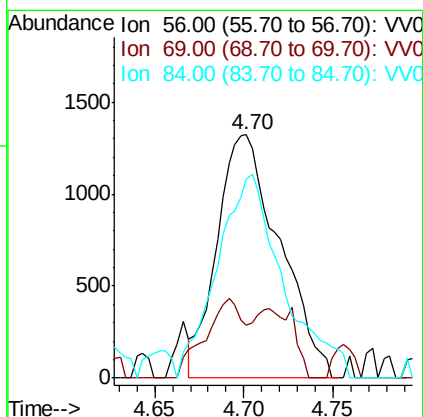
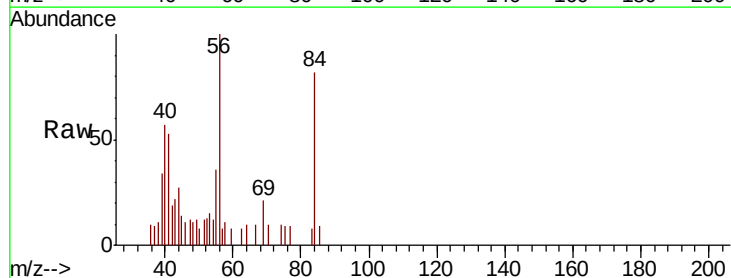
Instrument :
 MSVOA_V
 ClientSampleId :
 F9E00

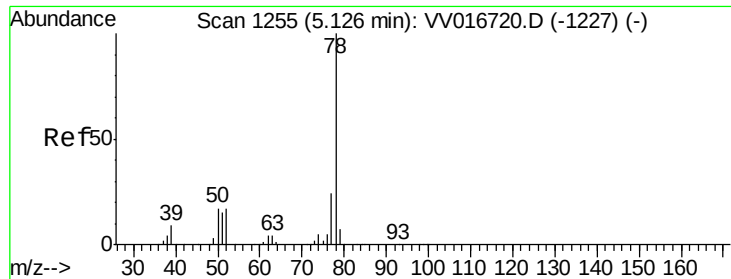
Tot Ion: 96 Resp: 1380
 Ion Ratio Lower Upper
 96 100
 61 1195.5 130.4 242.2#
 63 9143.2 103.3 191.9#



#29
 Cyclohexane
 Concen: 0.736 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VV016740.D
 Acq: 10 Jun 2020 00:21

Tgt Ion: 56 Resp: 3222
 Ion Ratio Lower Upper
 56 100
 69 19.7 25.0 37.4#
 84 88.4 69.5 104.3





#33

Benzene

Concen: 31.773 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016740.D

Acq: 10 Jun 2020 00:21

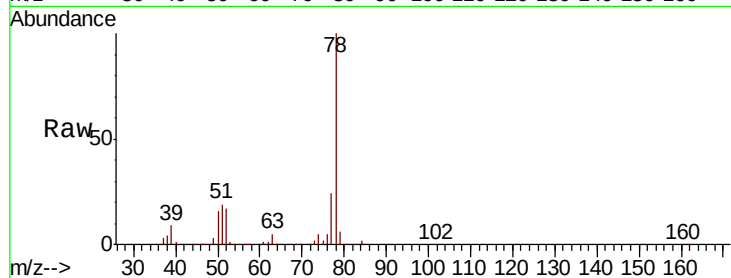
Instrument :

MSVOA_V

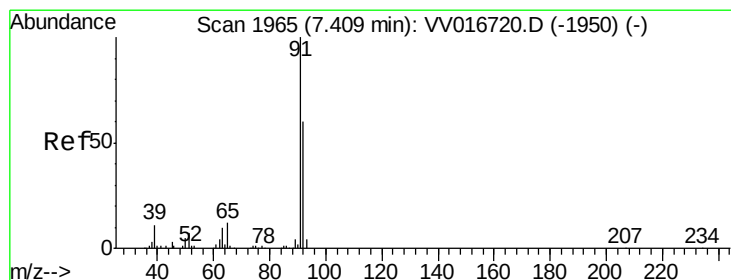
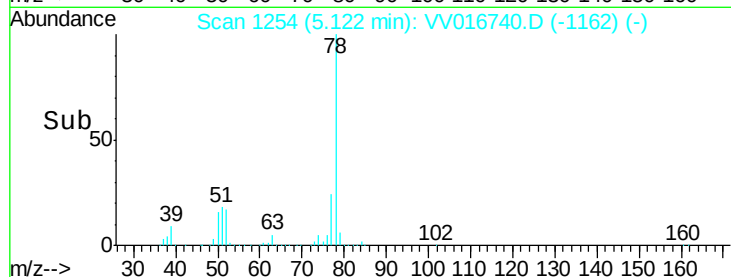
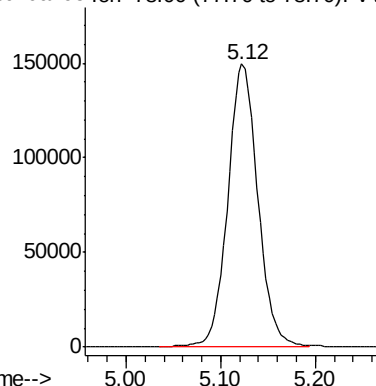
ClientSampleId :

F9E00

Tgt Ion: 78 Resp: 331355



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 0.757 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016740.D

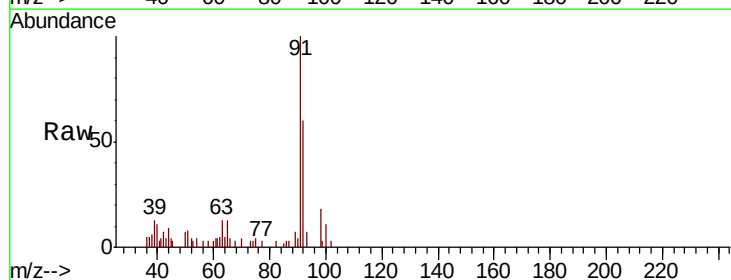
Acq: 10 Jun 2020 00:21

Tgt Ion: 91 Resp: 8318

Ion Ratio Lower Upper

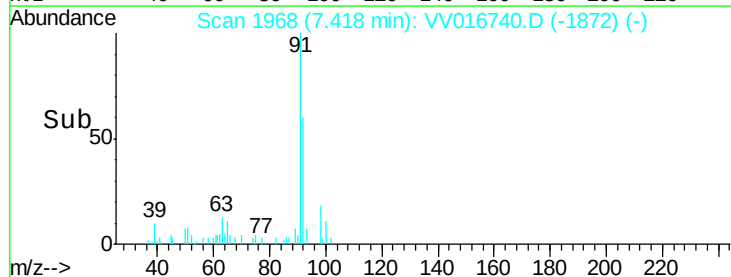
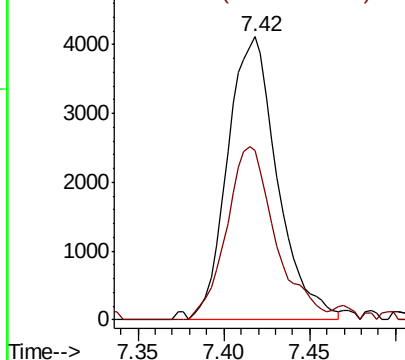
91 100

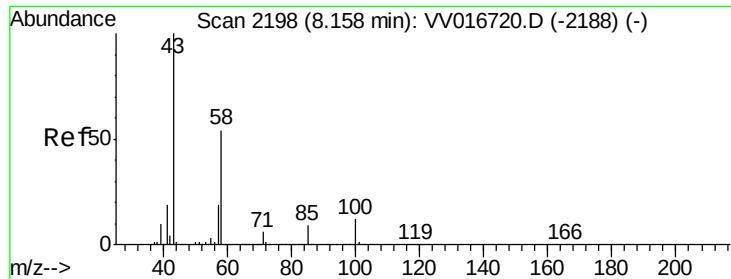
92 59.7 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

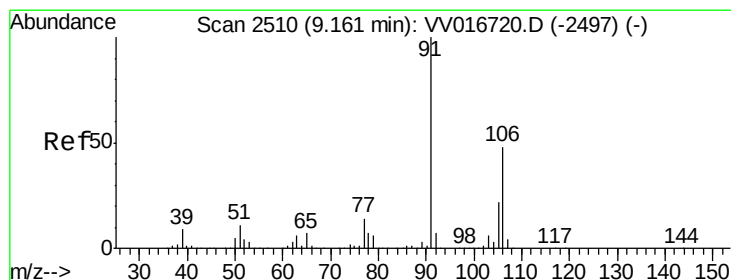
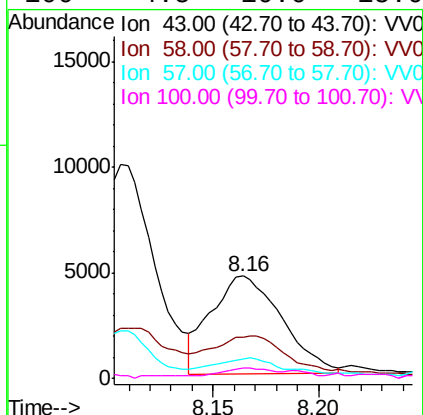
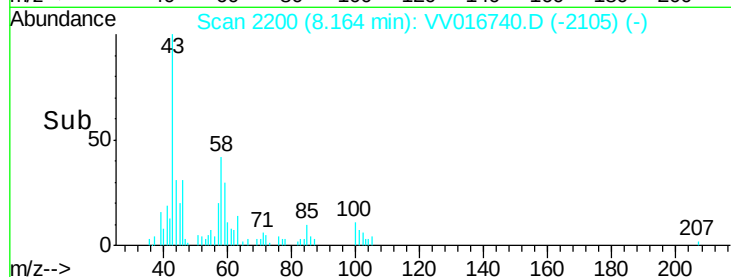
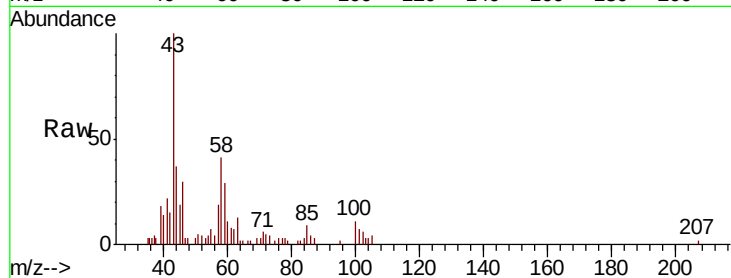




#48
2-Hexanone
Concen: 3.617 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016740.D
Acq: 10 Jun 2020 00:21

Instrument :
MSVOA_V
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Tot Ion: 43 Resp: 10777
Ion Ratio Lower Upper
43 100
58 28.1 43.1 64.7#
57 9.7 15.3 22.9#
100 4.5 10.0 15.0#



#53
m,p-Xylene
Concen: 1.033 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016740.D
Acq: 10 Jun 2020 00:21

Tgt Ion: 106 Resp: 4685
Ion Ratio Lower Upper
106 100
91 203.3 144.6 268.6

