

Data File : VW014690.D
Acq On : 20 Jan 2020 13:00
Operator : SY/VA
Sample : L1118-18
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASN3

Quant Time: Jan 21 03:42:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 21 03:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	836150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281145	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
7) Chloroethane-d5	2.88	69	228481	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
10) 1,1-Dichloroethene-d2	4.01	63	409159	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	122268	43.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.18%
24) Chloroform-d	7.65	84	514872	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.30	65	259329	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	8.27	84	1078571	29.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.20%
33) 1,2-Dichloropropane-d6	9.27	67	329630	30.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.16%#
37) Toluene-d8	10.32	98	920197	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.24%
38) trans-1,3-Dichloropropene-	10.58	79	112267	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.92	63	86698	46.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	211669	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	232611	29.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.44%

Target Compounds

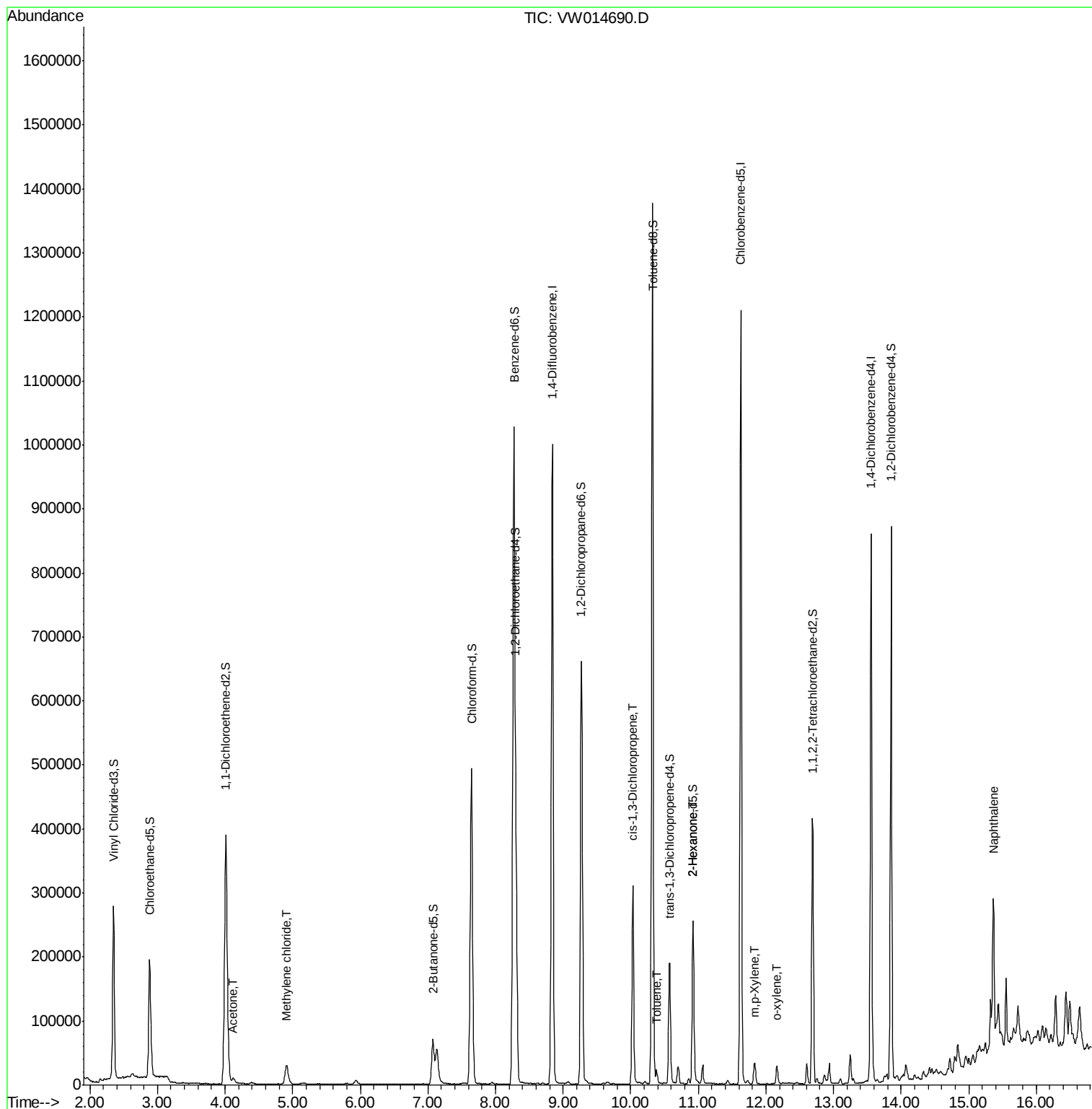
					Qvalue
13) Acetone	4.12	43	13745	3.539 ug/L	99
16) Methylene chloride	4.90	84	23099	1.694 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	7004	0.449 ug/L #	53
44) Toluene	10.38	91	15283	0.354 ug/L	99
49) 2-Hexanone	10.92	43	11192	2.443 ug/L #	66
54) m,p-Xylene	11.83	106	10561	0.588 ug/L	94
55) o-xylene	12.16	106	7338	0.433 ug/L	70
69) Naphthalene	15.36	128	214247	14.681 ug/L	99

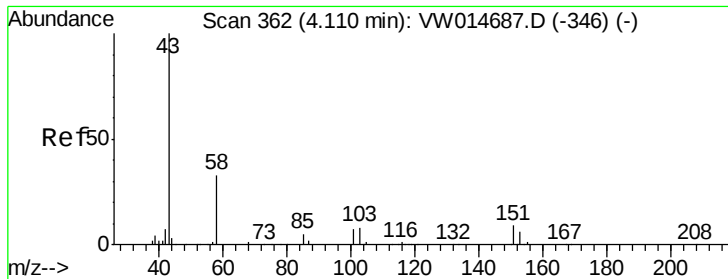
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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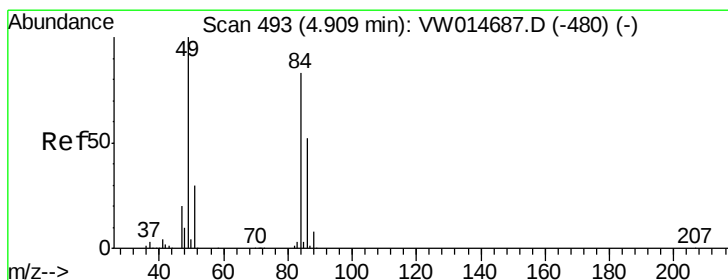
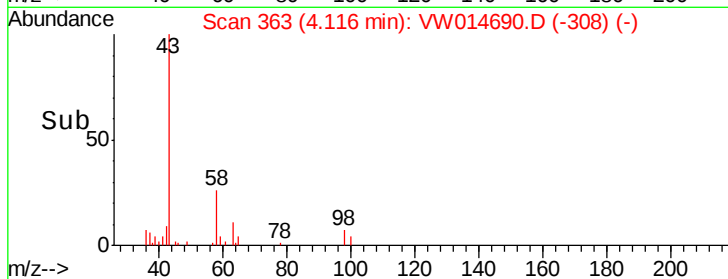
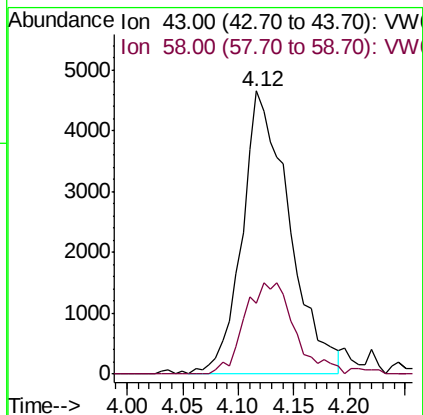
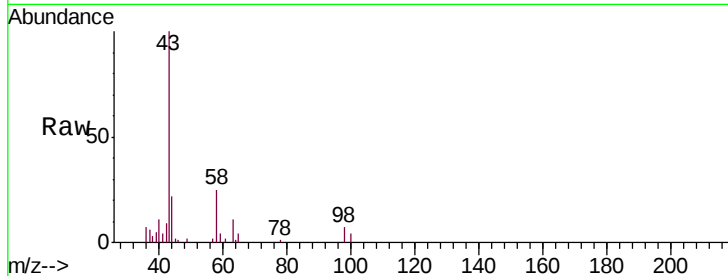




#13
Acetone
Concen: 3.539 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014690.D
Acq: 20 Jan 2020 13:00

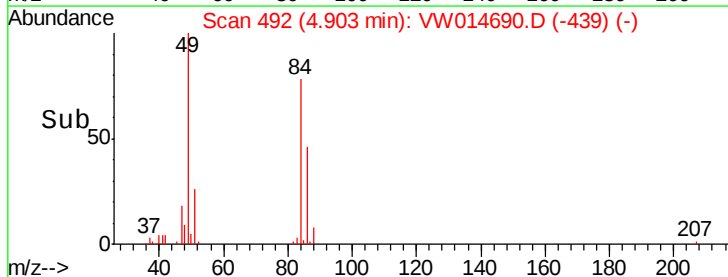
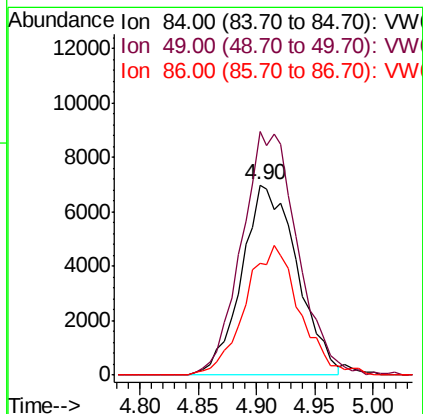
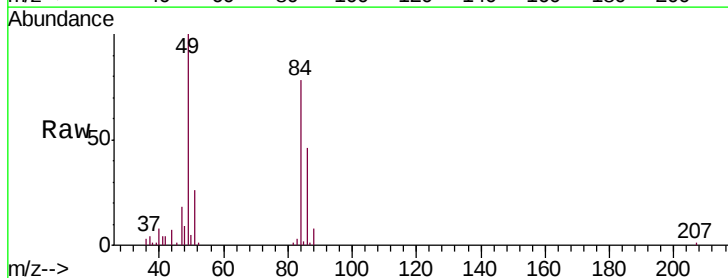
Instrument :
MSVOA_W
ClientSampled :
GASN3

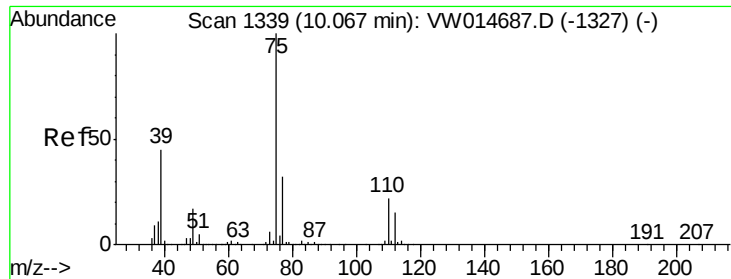
Tgt Ion: 43 Resp: 13745
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.0



#16
Methylene chloride
Concen: 1.694 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014690.D
Acq: 20 Jan 2020 13:00

Tgt Ion: 84 Resp: 23099
Ion Ratio Lower Upper
84 100
49 128.0 85.8 159.4
86 58.8 44.5 82.7

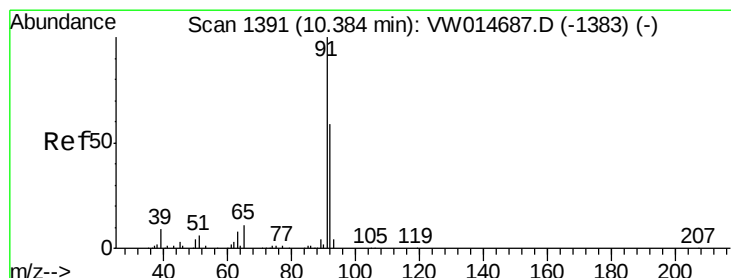
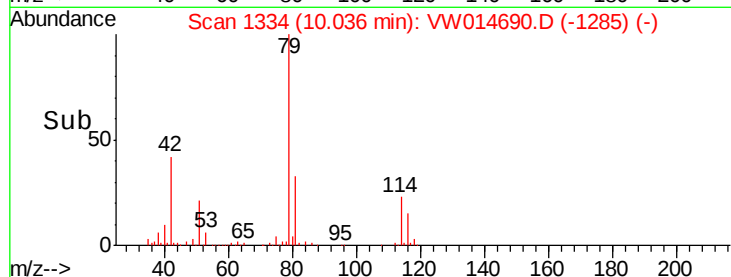
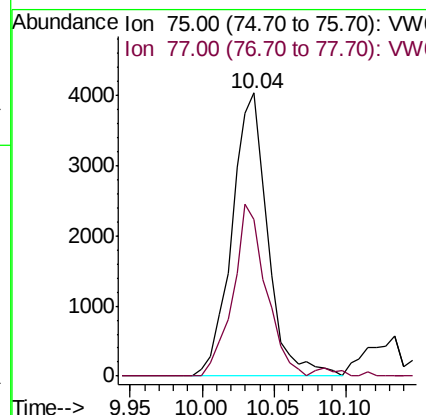
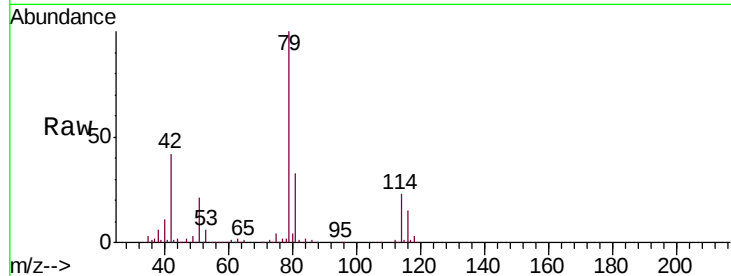




#42
 cis-1,3-Dichloropropene
 Concen: 0.449 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW014690.D
 Acq: 20 Jan 2020 13:00

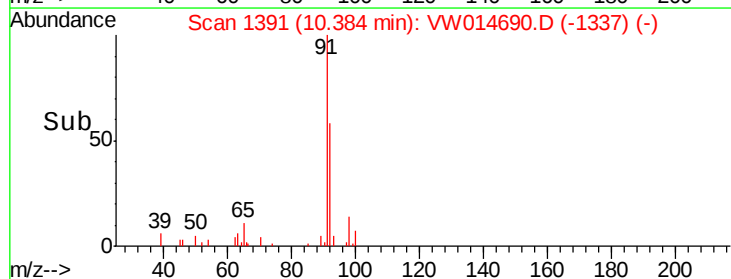
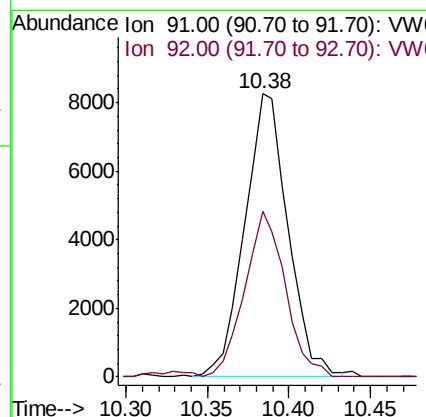
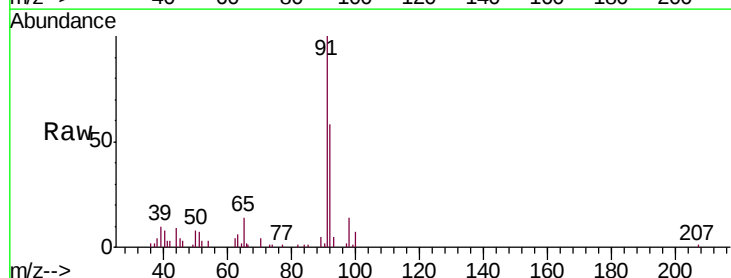
Instrument :
 MSVOA_W
 ClientSampleId :
 GASN3

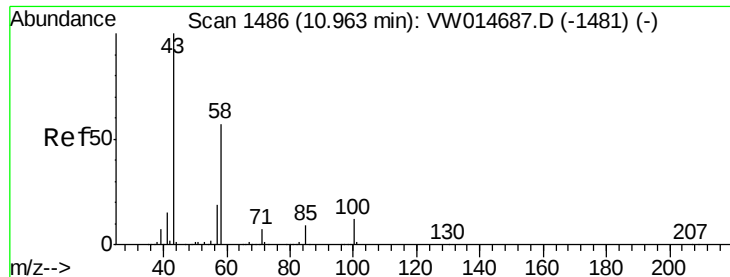
Tgt Ion: 75 Resp: 7004
 Ion Ratio Lower Upper
 75 100
 77 55.5 21.0 39.0#



#44
 Toluene
 Concen: 0.354 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014690.D
 Acq: 20 Jan 2020 13:00

Tgt Ion: 91 Resp: 15283
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.2 74.6

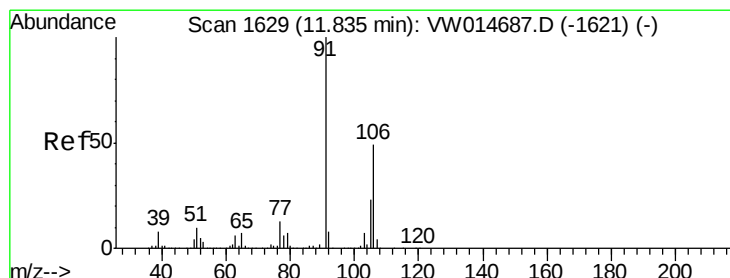
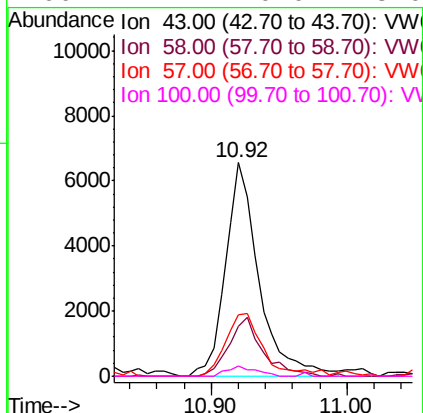
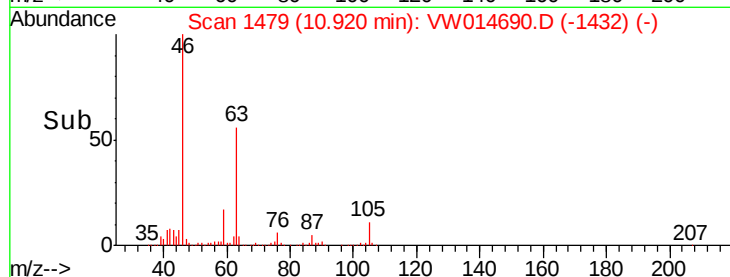
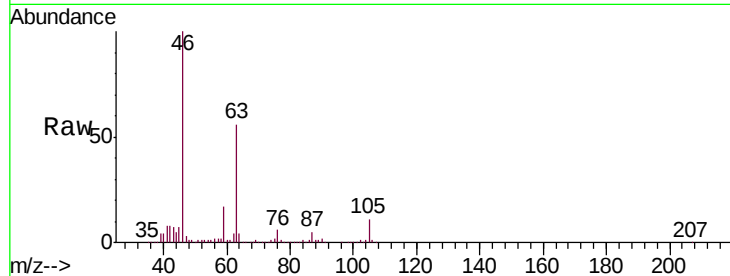




#49
2-Hexanone
Concen: 2.443 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW014690.D
Acq: 20 Jan 2020 13:00

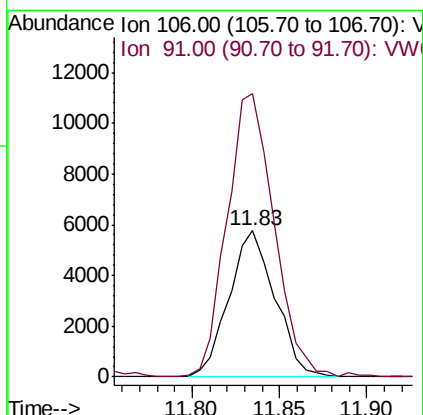
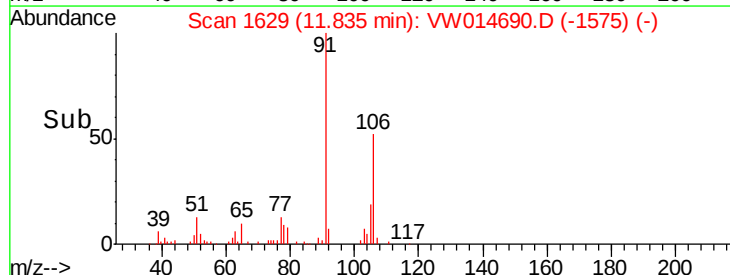
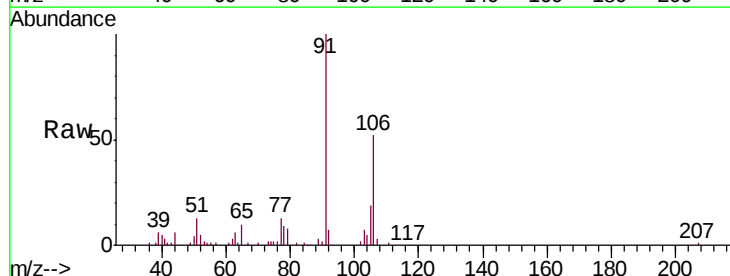
Instrument :
MSVOA_W
ClientSampleId :
GASN3

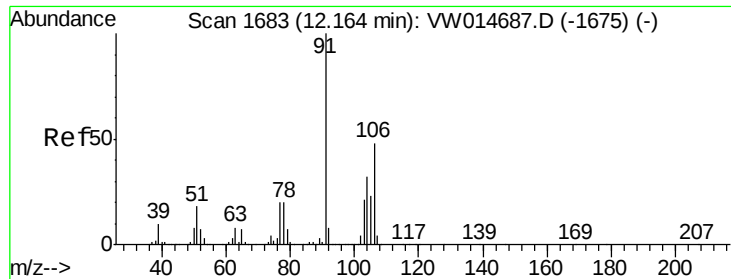
Tgt Ion: 43 Resp: 11192
Ion Ratio Lower Upper
43 100
58 27.9 44.9 67.3#
57 32.4 15.3 22.9#
100 4.1 10.0 15.0#



#54
m,p-Xylene
Concen: 0.588 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014690.D
Acq: 20 Jan 2020 13:00

Tgt Ion: 106 Resp: 10561
Ion Ratio Lower Upper
106 100
91 193.8 142.2 264.0





#55

o-xylene

Concen: 0.433 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014690.D

Acq: 20 Jan 2020 13:00

Instrument :

MSVOA_W

ClientSampleId :

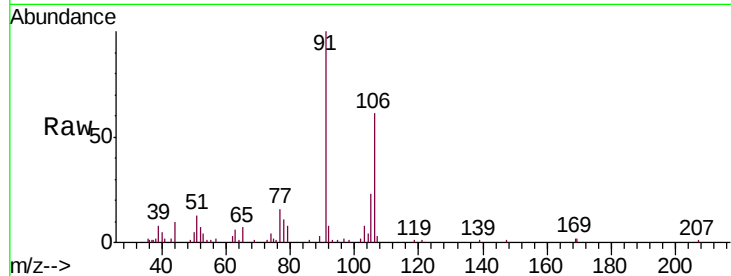
GASN3

Tgt Ion:106 Resp: 7338

Ion Ratio Lower Upper

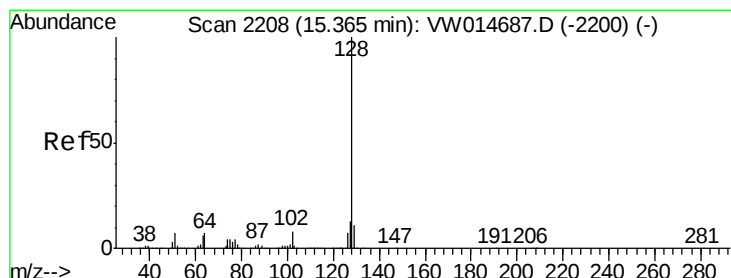
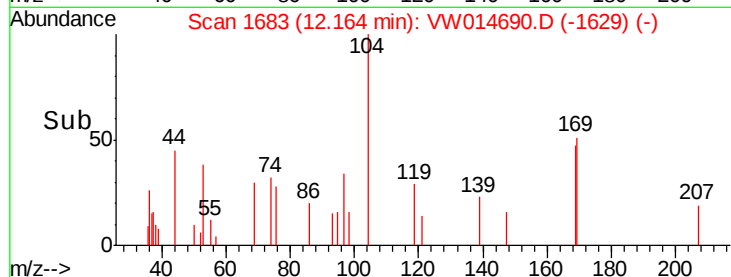
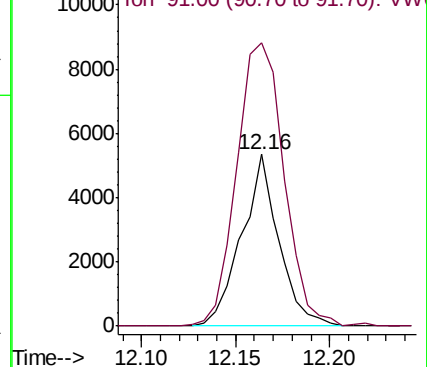
106 100

91 164.9 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

Naphthalene

Concen: 14.681 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014690.D

Acq: 20 Jan 2020 13:00

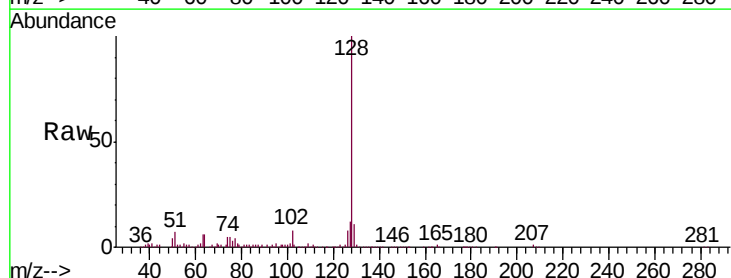
Tgt Ion:128 Resp: 214247

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

