

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014669.D
 Acq On : 16 Jan 2020 13:36
 Operator : SY/VA
 Sample : L1118-12
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASK3

Quant Time: Jan 17 01:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1046290	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	969932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	464705	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	284692	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
7) Chloroethane-d5	2.89	69	232228	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
10) 1,1-Dichloroethene-d2	4.01	63	419316	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.07	46	159950	45.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.14%
24) Chloroform-d	7.65	84	542234	22.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	8.30	65	298566	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.27	84	1175044	22.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.12%
33) 1,2-Dichloropropane-d6	9.27	67	367378	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.32	98	1074951	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.58	79	144214	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.04%
39) 2-Hexanone-d5	10.92	63	129155	48.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	273163	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	377740	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

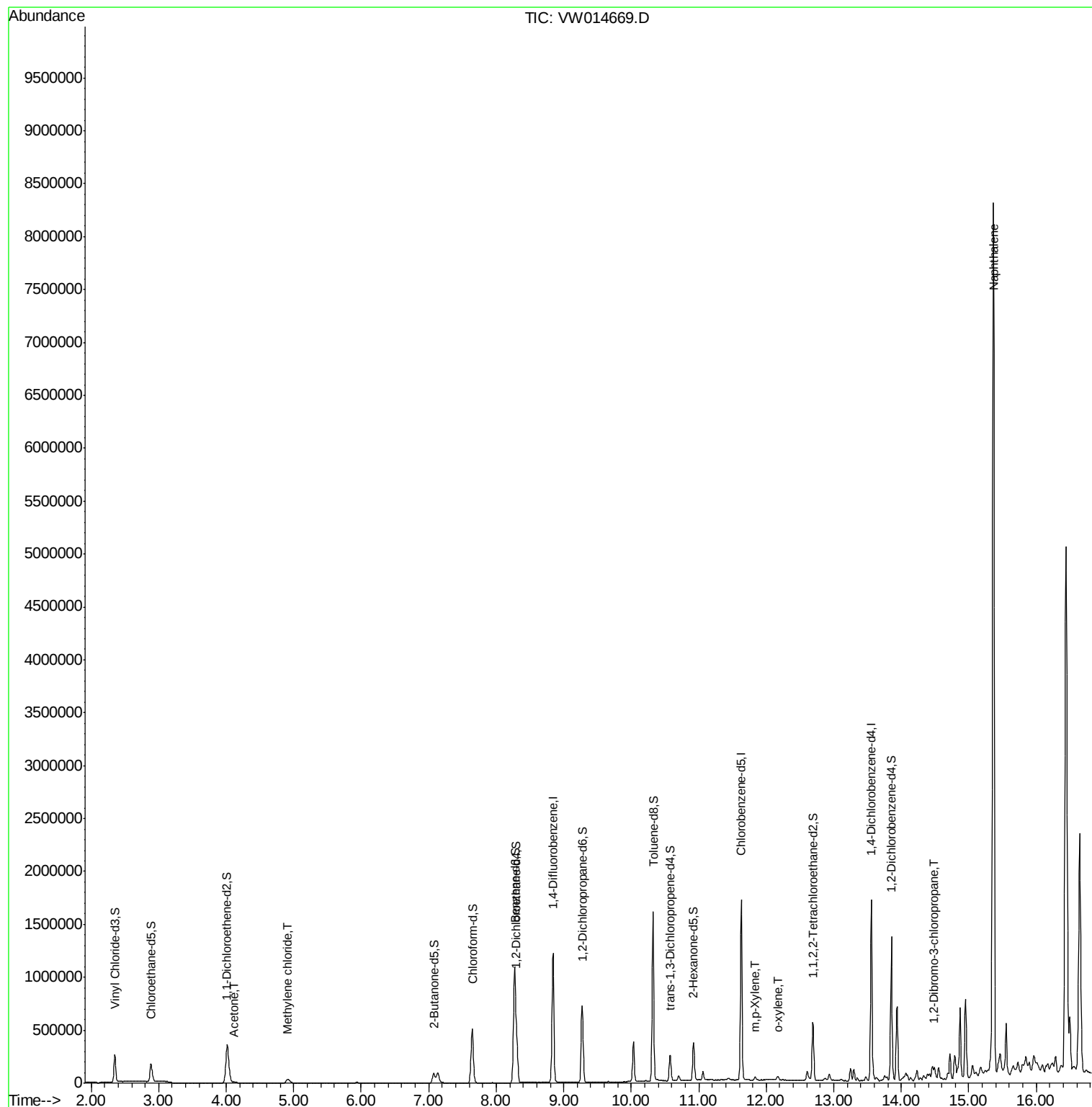
					Ovalue
13) Acetone	4.12	43	17626	3.627	ug/L 100
16) Methylene chloride	4.91	84	33703	1.975	ug/L 98
54) m,p-Xylene	11.83	106	9629	0.379	ug/L 90
55) o-xylene	12.16	106	6769	0.282	ug/L 90
66) 1,2-Dibromo-3-chloropropan	14.48	75	3281	1.680	ug/L # 1
69) Naphthalene	15.36	128	7186188	254.782	ug/L 100

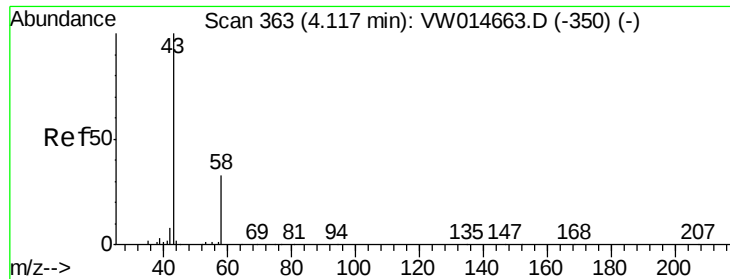
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:19:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.627 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014669.D

Acq: 16 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

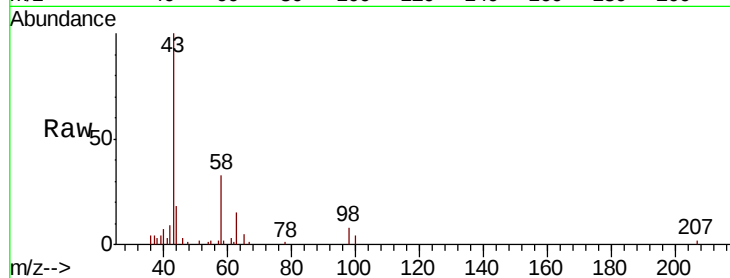
GASK3

Tot Ion: 43 Resp: 17626

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

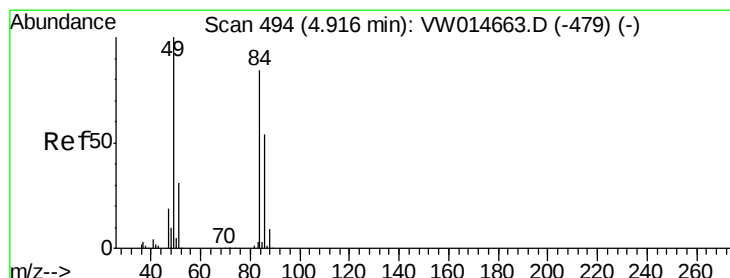
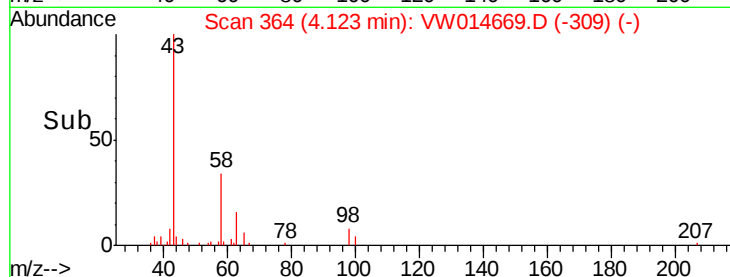
3000

2000

1000

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 1.975 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014669.D

Acq: 16 Jan 2020 13:36

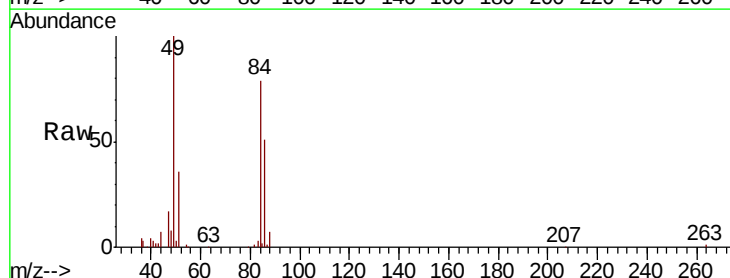
Tgt Ion: 84 Resp: 33703

Ion Ratio Lower Upper

84 100

49 125.8 85.8 159.4

86 64.4 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

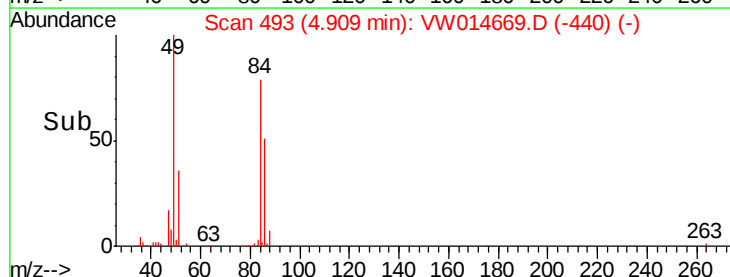
15000

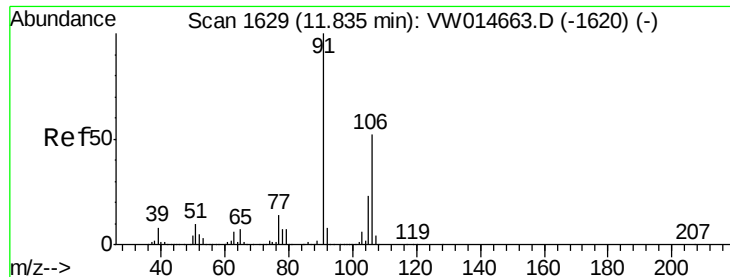
10000

5000

0

Time--> 4.80 4.90 5.00





#54

m,p-Xylene

Concen: 0.379 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014669.D

Acq: 16 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

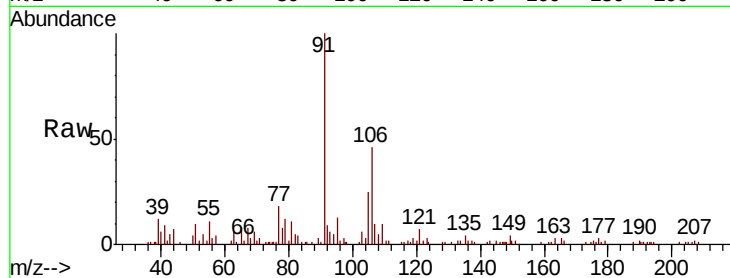
GASK3

Tot Ion:106 Resp: 9629

Ion Ratio Lower Upper

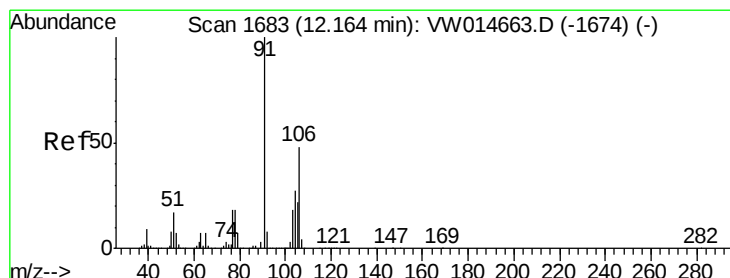
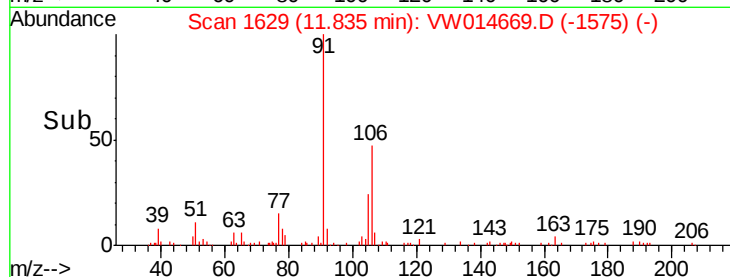
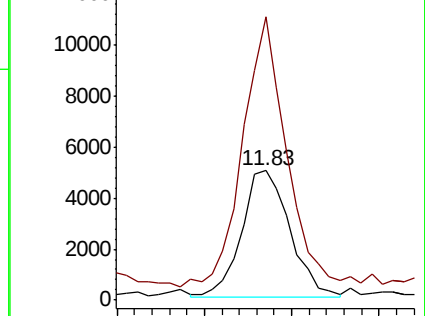
106 100

91 218.4 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.282 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014669.D

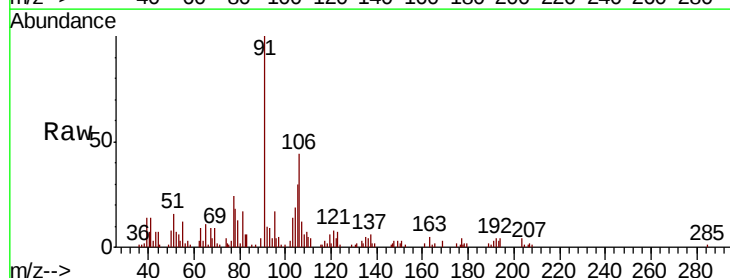
Acq: 16 Jan 2020 13:36

Tgt Ion:106 Resp: 6769

Ion Ratio Lower Upper

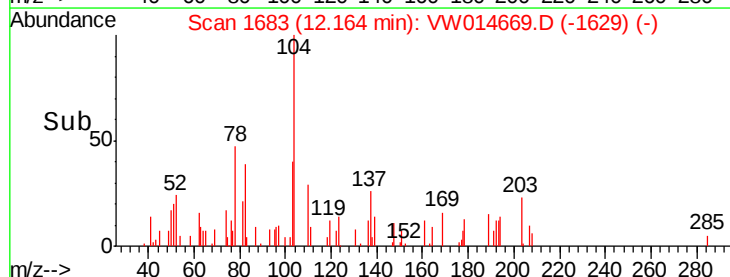
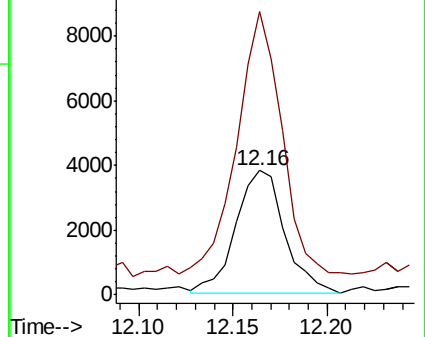
106 100

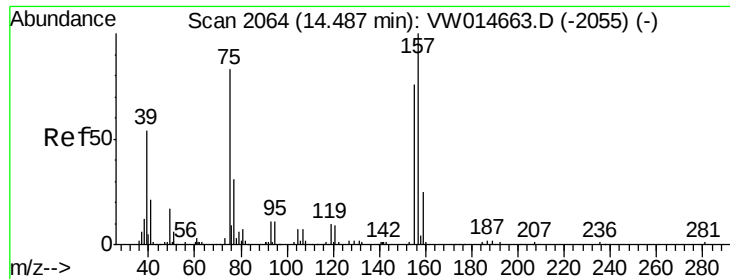
91 228.2 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

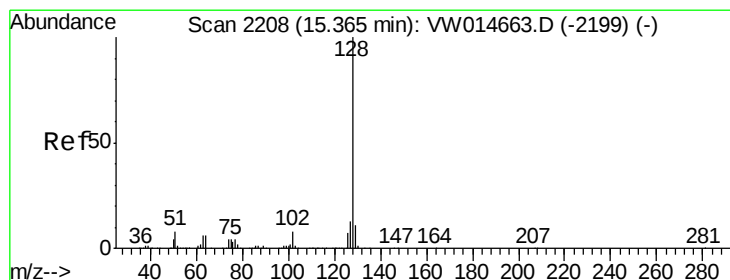
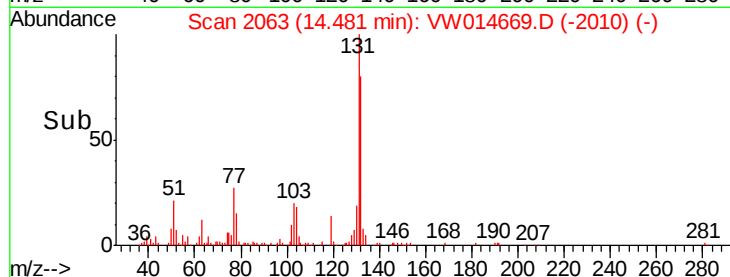
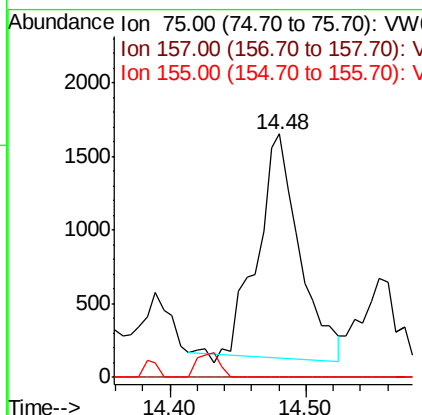
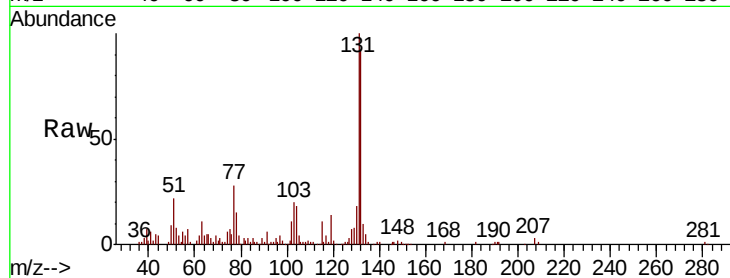




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.680 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW014669.D
 Acq: 16 Jan 2020 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 GASK3

Tot Ion: 75 Resp: 3281
 Ion Ratio Lower Upper
 75 100
 157 0.0 87.2 130.8#
 155 0.0 67.8 101.8#



#69
 Naphthalene
 Concen: 254.782 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW014669.D
 Acq: 16 Jan 2020 13:36

Tgt Ion:128 Resp: 7186188
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.8 13.2
 127 13.2 10.6 16.0

