

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014668.D
 Acq On : 16 Jan 2020 13:09
 Operator : SY/VA
 Sample : L1118-10
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASK1

Quant Time: Jan 17 01:21:46 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	124505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122697	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48001	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42075	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
7) Chloroethane-d5	2.89	69	33903	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.88%
10) 1,1-Dichloroethene-d2	4.01	63	60270	18.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.08%
20) 2-Butanone-d5	7.20	46	156	0.37	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.74%#
24) Chloroform-d	7.64	84	79348	27.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	8.31	65	47788	32.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.60%
29) Benzene-d6	8.27	84	155877	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	52295	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.64%
37) Toluene-d8	10.32	98	123869	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.76%
38) trans-1,3-Dichloropropene-	10.58	79	19789	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.68%
39) 2-Hexanone-d5	10.92	63	18925	56.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.84%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	54478	36.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	44441	28.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.40%

Target Compounds

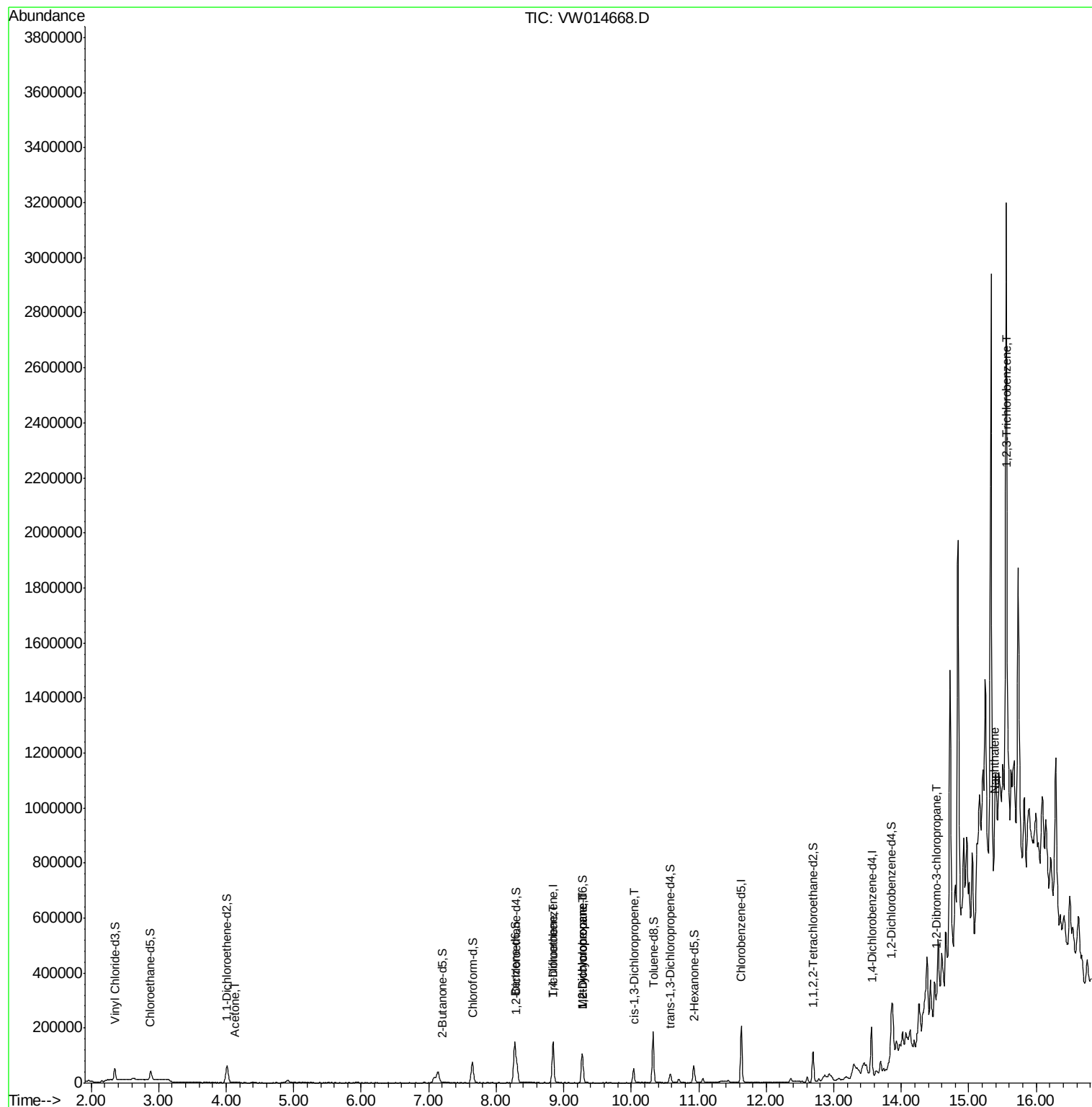
					Ovalue
13) Acetone	4.13	43	5004	8.654 ug/L	82
35) Trichloroethene	8.84	95	3768	1.977 ug/L #	4
36) Methylcyclohexane	9.27	83	11774	3.522 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	5458	2.920 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1239	0.444 ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.52	75	1590	7.881 ug/L #	32
69) Naphthalene	15.37	128	7764	2.665 ug/L #	75
70) 1,2,3-Trichlorobenzene	15.57	180	9015	5.895 ug/L #	12

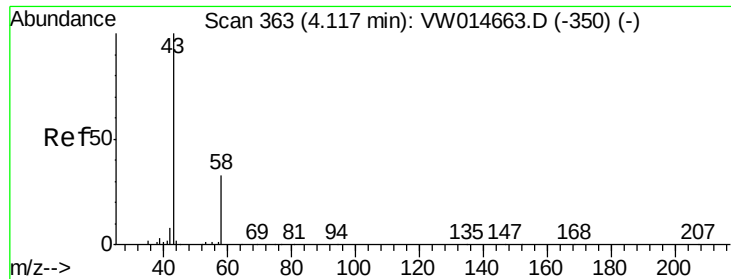
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.654 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014668.D

Acq: 16 Jan 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

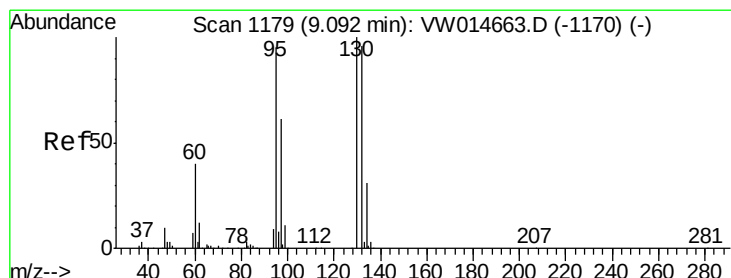
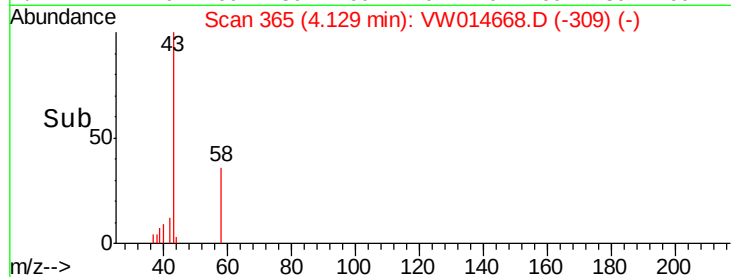
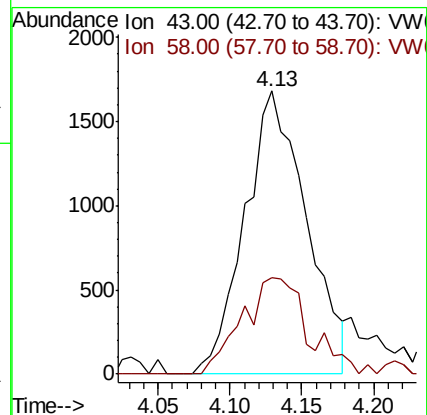
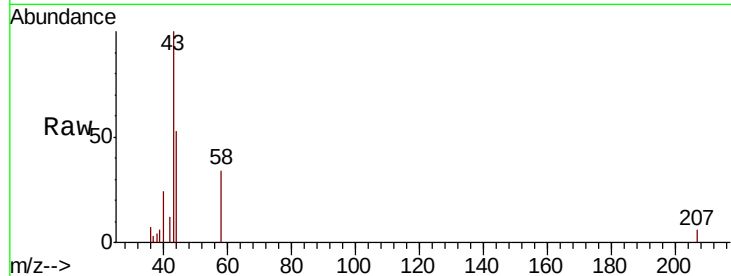
GASK1

Tot Ion: 43 Resp: 5004

Ion Ratio Lower Upper

43 100

58 21.9 0.0 64.0



#35

Trichloroethene

Concen: 1.977 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW014668.D

Acq: 16 Jan 2020 13:09

Tgt Ion: 95 Resp: 3768

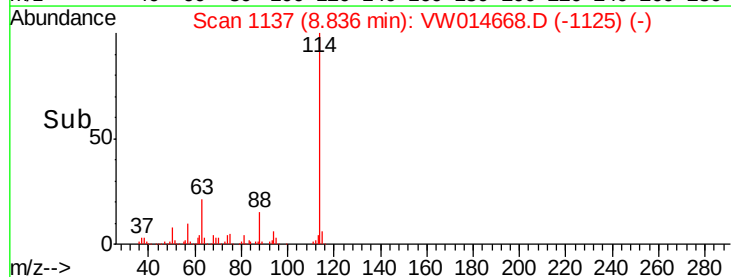
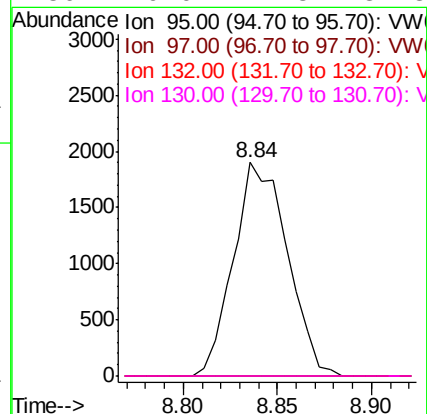
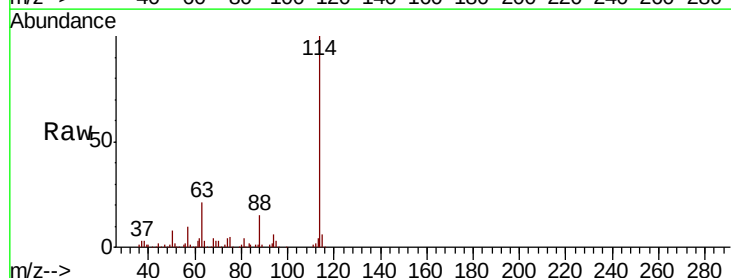
Ion Ratio Lower Upper

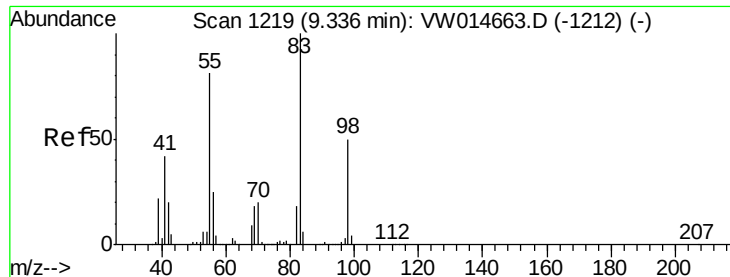
95 100

97 0.0 44.3 82.3#

132 0.0 69.2 128.6#

130 0.0 72.3 134.3#

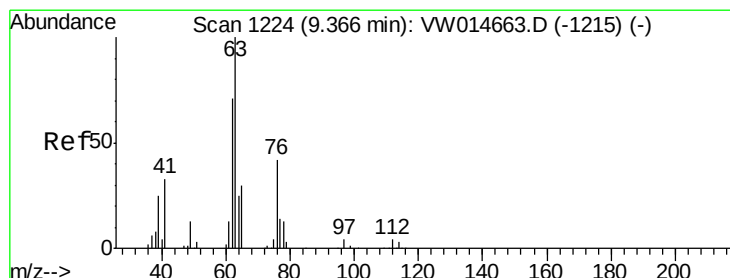
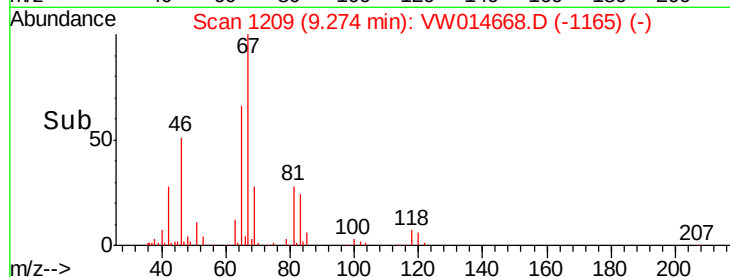
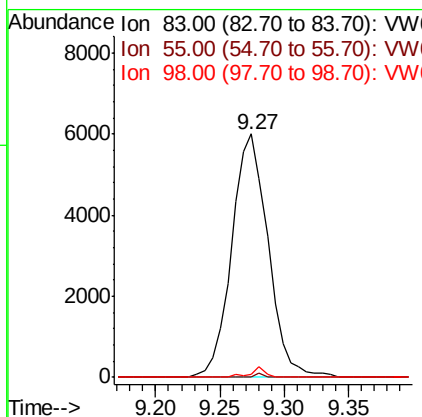
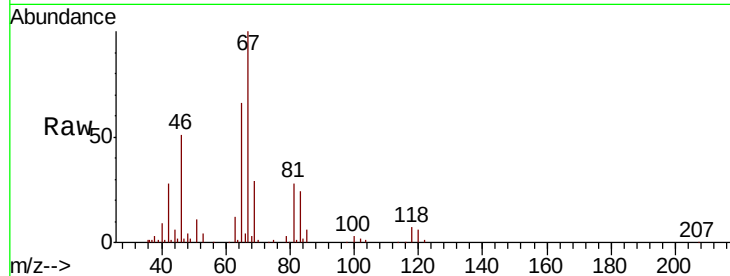




#36
Methvlcvclohexane
Concen: 3.522 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW014668.D
Acq: 16 Jan 2020 13:09

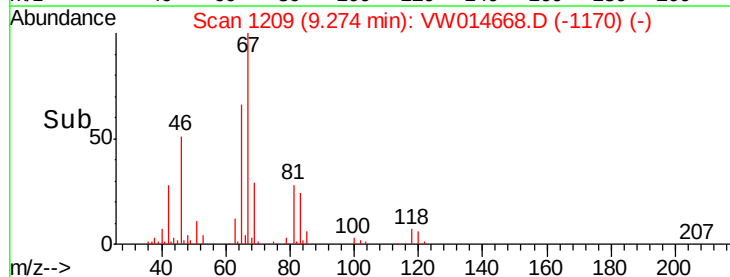
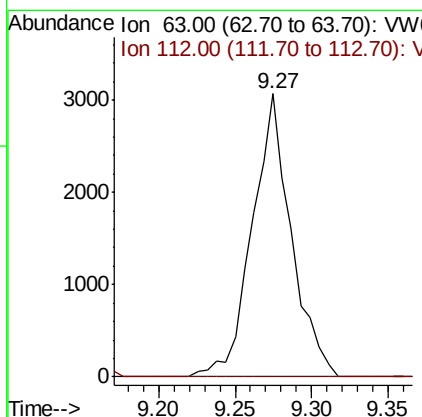
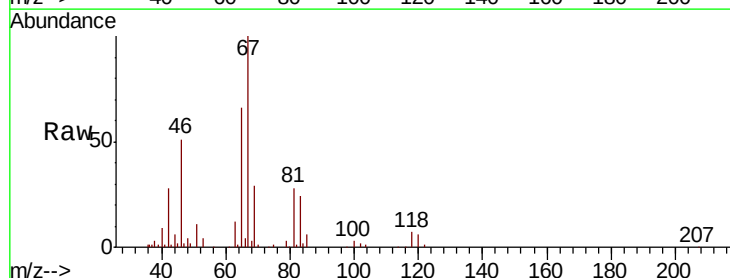
Instrument :
MSVOA_W
ClientSampled :
GASK1

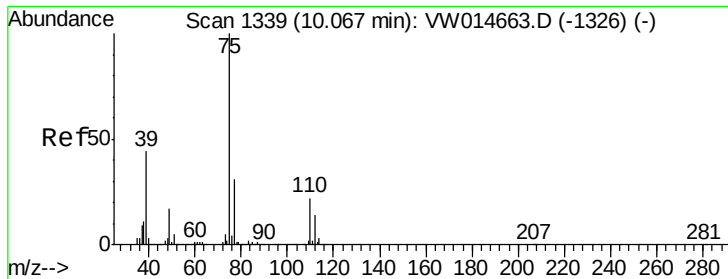
Tot Ion: 83 Resp: 11774
Ion Ratio Lower Upper
83 100
55 0.6 63.7 95.5#
98 1.2 39.4 59.2#



#40
1,2-Dichloropropane
Concen: 2.920 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW014668.D
Acq: 16 Jan 2020 13:09

Tgt Ion: 63 Resp: 5458
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014668.D

Acq: 16 Jan 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

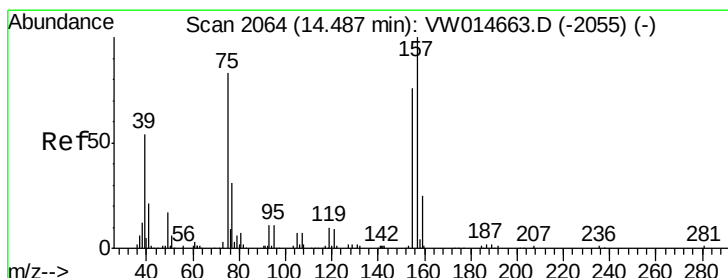
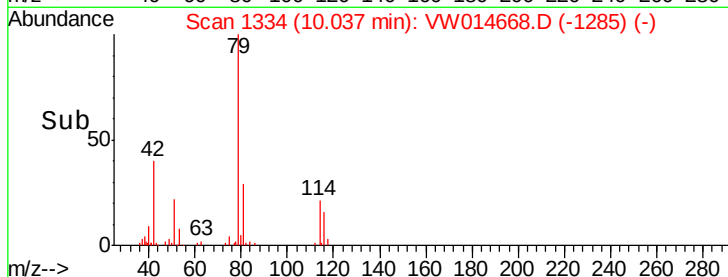
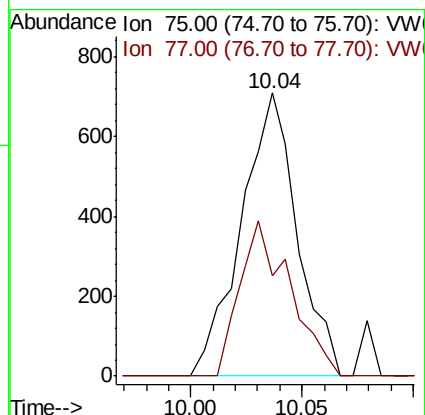
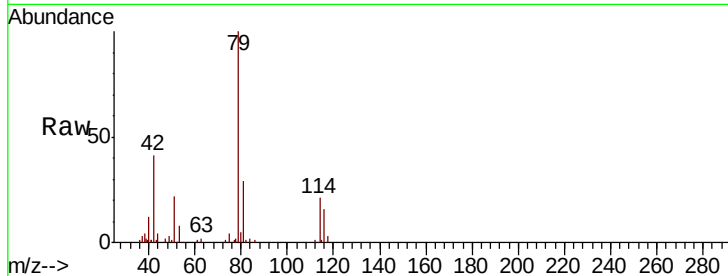
GASK1

Tot Ion: 75 Resp: 1239

Ion Ratio Lower Upper

75 100

77 35.3 21.0 39.0



#66

1,2-Dibromo-3-chloropropane

Concen: 7.881 ug/L

RT: 14.52 min Scan# 2069

Delta R.T. 0.03 min

Lab File: VW014668.D

Acq: 16 Jan 2020 13:09

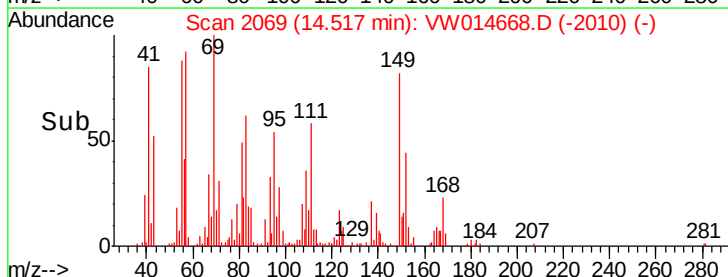
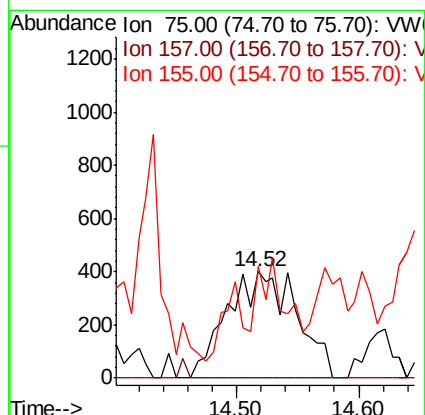
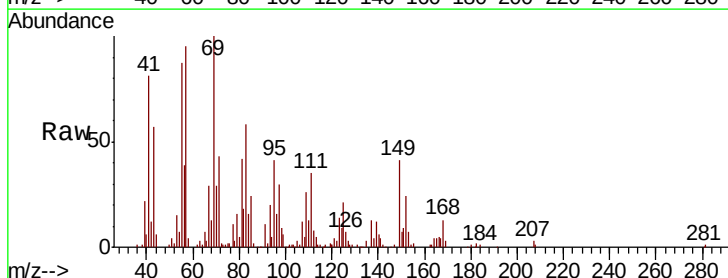
Tgt Ion: 75 Resp: 1590

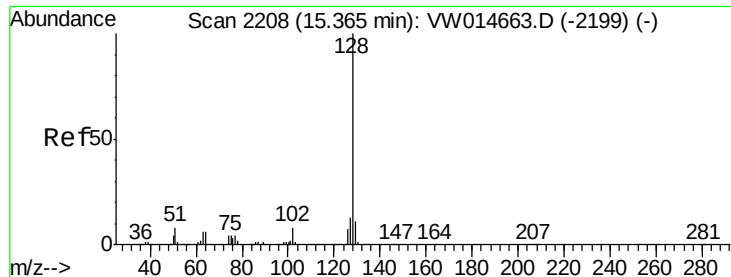
Ion Ratio Lower Upper

75 100

157 0.0 87.2 130.8#

155 105.3 67.8 101.8#





#69

Naphthalene

Concen: 2.665 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW014668.D

Acq: 16 Jan 2020 13:09

Instrument :

MSVOA_W

ClientSampled :

GASK1

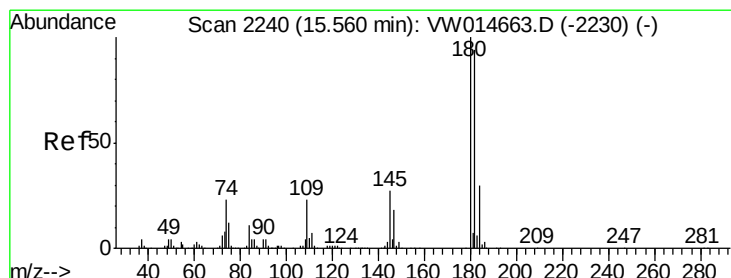
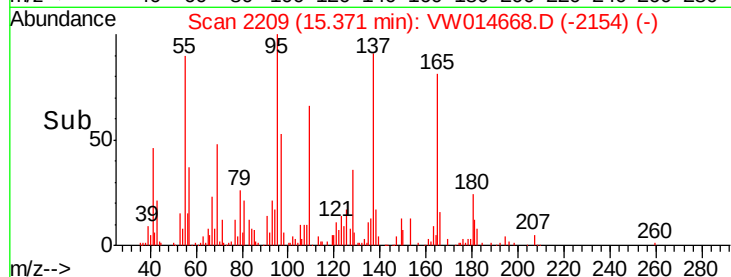
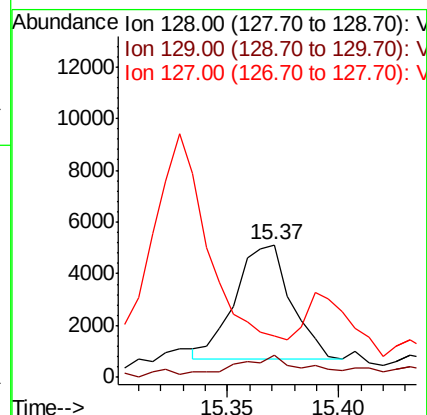
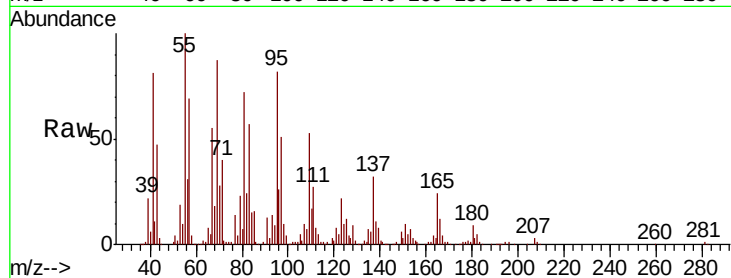
Tot Ion:128 Resp: 7764

Ion Ratio Lower Upper

128 100

129 5.2 8.8 13.2#

127 0.0 10.6 16.0#



#70

1,2,3-Trichlorobenzene

Concen: 5.895 ug/L

RT: 15.57 min Scan# 2242

Delta R.T. 0.01 min

Lab File: VW014668.D

Acq: 16 Jan 2020 13:09

Tgt Ion:180 Resp: 9015

Ion Ratio Lower Upper

180 100

182 0.0 77.0 115.6#

145 1.3 24.9 37.3#

