

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014647.D
 Acq On : 15 Jan 2020 12:03
 Operator : SY/VA
 Sample : L1109-18RE
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 16 01:21:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.58	114	1499779	25.00	ug/L	-0.26
28) Chlorobenzene-d5	11.57	117	1323712	25.00	ug/L	-0.05
60) 1,4-Dichlorobenzene-d4	13.54	152	600695	25.00	ug/L	-0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.31	65	60	0.00	ug/L	-0.05
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	2.76	69	73	0.00	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	4.11	63	55	0.00	ug/L	0.09
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	6.94	46	267	0.05	ug/L	-0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.10%#
24) Chloroform-d	7.55	84	48	0.00	ug/L	-0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	8.29	65	78	0.00	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	8.26	84	43	0.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	9.05	67	364178	17.21	ug/L	-0.22
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.84%#
37) Toluene-d8	10.19	98	1091402	17.10	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.40%
38) trans-1,3-Dichloropropene-	10.48	79	134946	15.44	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.76%
39) 2-Hexanone-d5	10.85	63	94077	26.00	ug/L	-0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.00%
48) 1,1,2,2-Tetrachloroethane-	12.67	84	233198	14.67	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.68%
61) 1,2-Dichlorobenzene-d4	13.84	152	350659	17.72	ug/L	-0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.88%#

Target Compounds

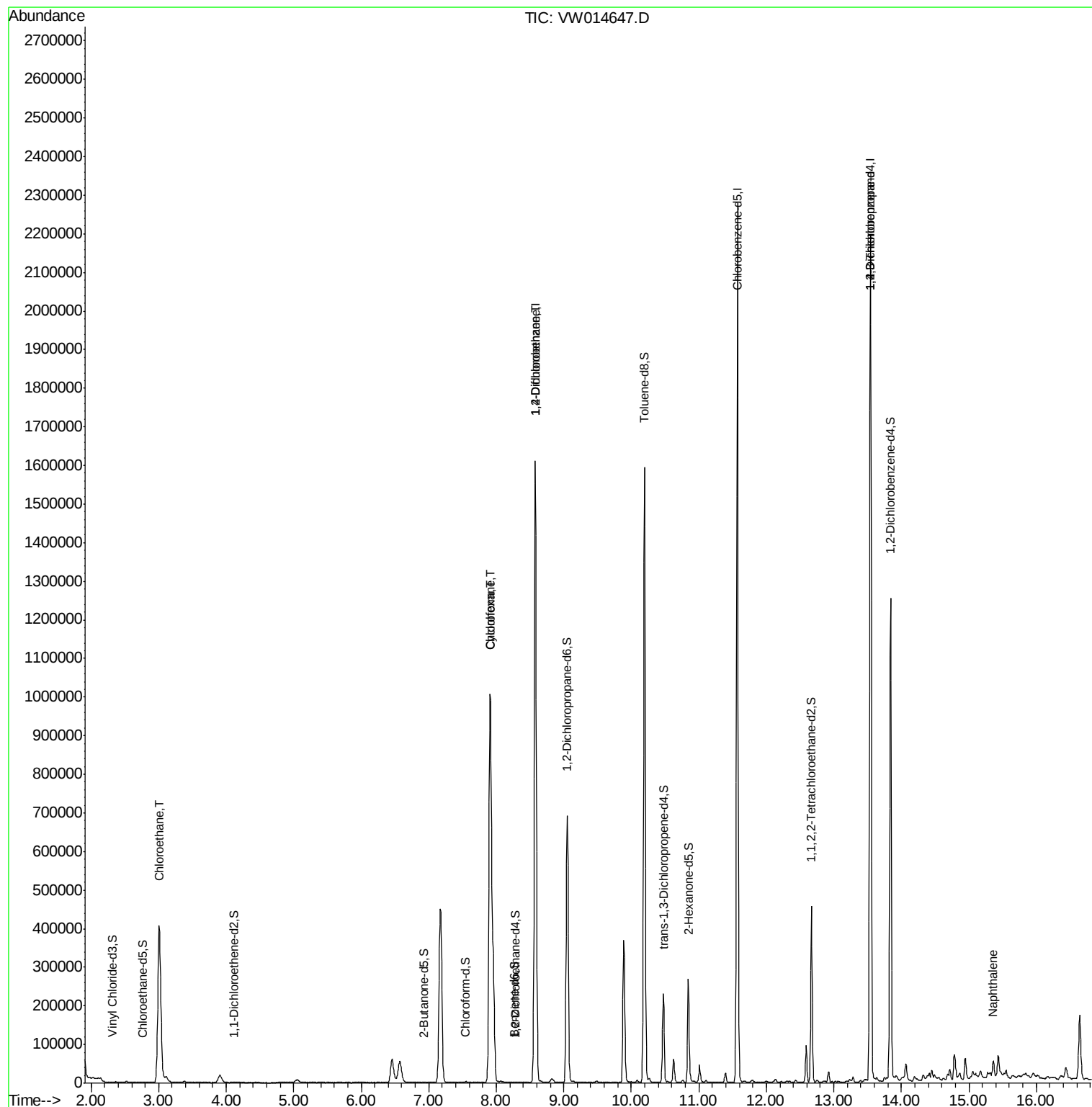
					Ovalue
8) Chloroethane	3.01	64	16563	1.372 ug/L #	77
25) Chloroform	7.91	83	38501	1.102 ug/L #	1
27) 1,2-Dichloroethane	8.58	62	48448	2.135 ug/L #	72
30) Cyclohexane	7.91	56	193816	5.724 ug/L #	1
59) 1,2,3-Trichloropropane	13.54	75	67641	5.207 ug/L	91
69) Naphthalene	15.36	128	37333	1.024 ug/L	98

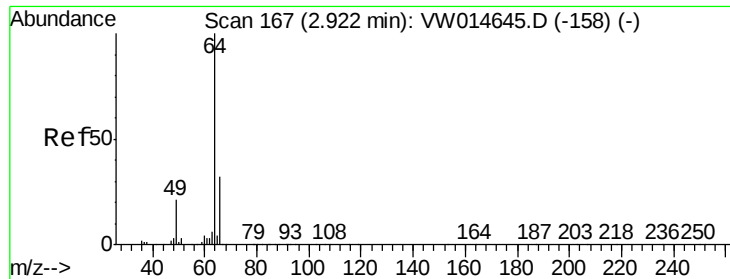
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration

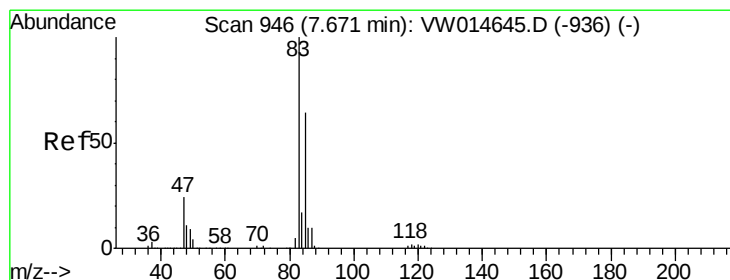
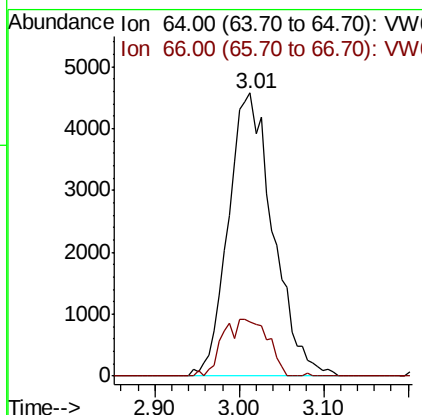
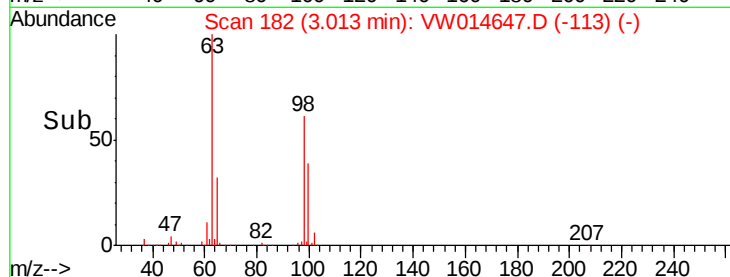
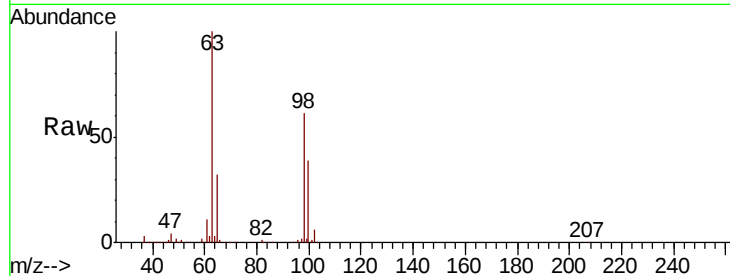




#8
Chloroethane
Concen: 1.372 ug/L
RT: 3.01 min Scan# 182
Delta R.T. 0.09 min
Lab File: VW014647.D
Acq: 15 Jan 2020 12:03

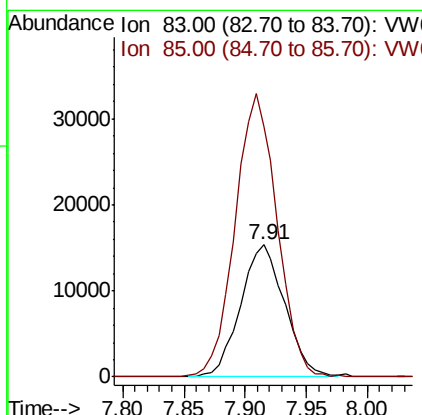
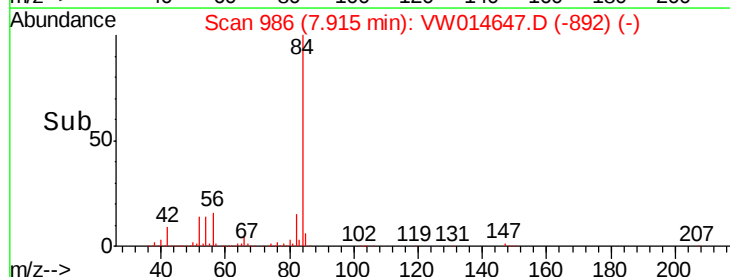
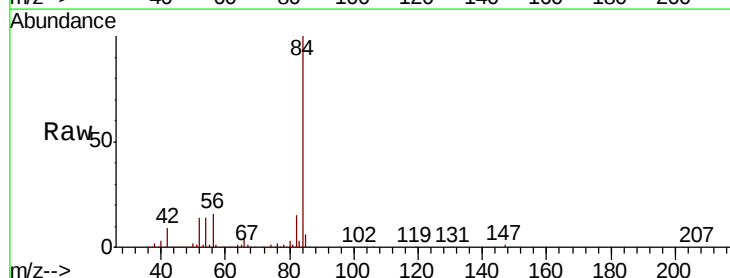
Instrument :
MSVOA_W
ClientSampled :

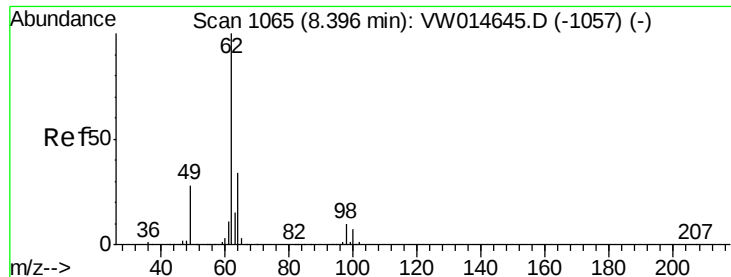
Tot Ion: 64 Resp: 16563
Ion Ratio Lower Upper
64 100
66 19.1 22.5 41.7#



#25
Chloroform
Concen: 1.102 ug/L
RT: 7.91 min Scan# 986
Delta R.T. 0.24 min
Lab File: VW014647.D
Acq: 15 Jan 2020 12:03

Tgt Ion: 83 Resp: 38501
Ion Ratio Lower Upper
83 100
85 202.8 45.8 85.2#

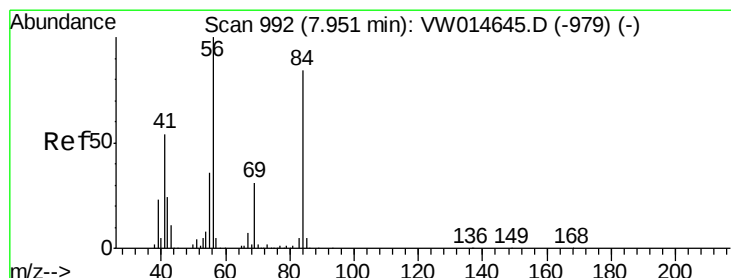
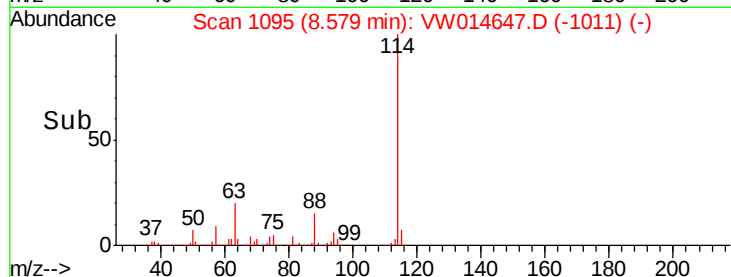
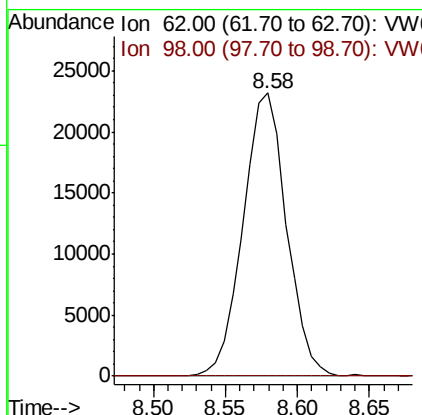
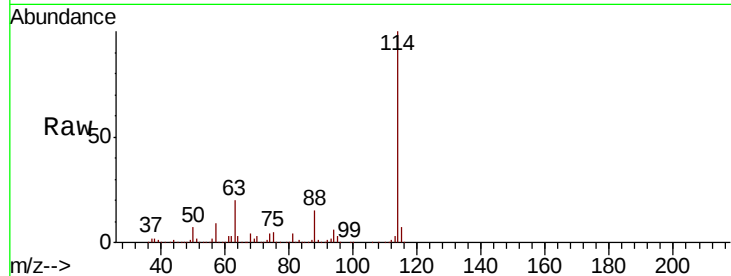




#27
 1,2-Dichloroethane
 Concen: 2.135 ug/L
 RT: 8.58 min Scan# 1095
 Delta R.T. 0.18 min
 Lab File: VW014647.D
 Acq: 15 Jan 2020 12:03

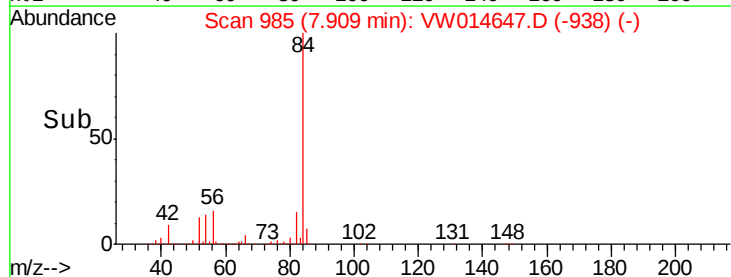
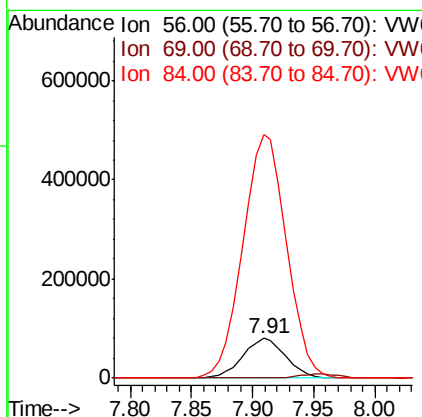
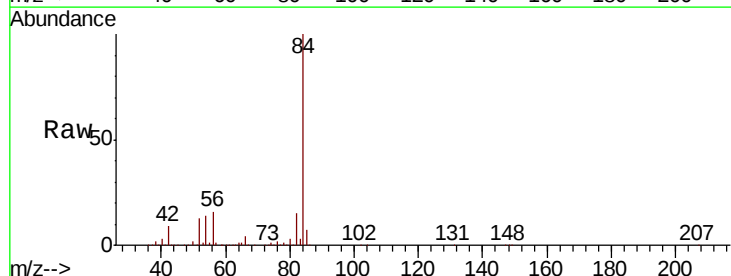
Instrument :
 MSVOA_W
 ClientSampled :

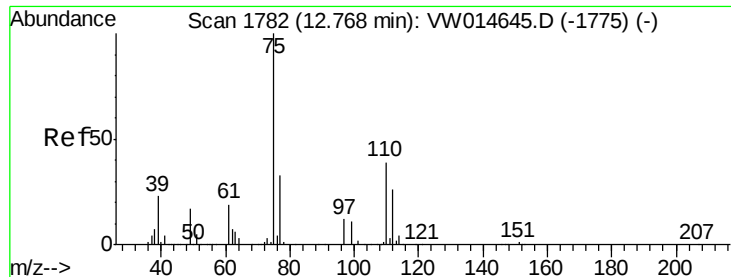
Tot Ion: 62 Resp: 48448
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.3 12.5#



#30
 Cyclohexane
 Concen: 5.724 ug/L
 RT: 7.91 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: VW014647.D
 Acq: 15 Jan 2020 12:03

Tgt Ion: 56 Resp: 193816
 Ion Ratio Lower Upper
 56 100
 69 10.3 23.8 35.8#
 84 629.0 68.2 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.207 ug/L

RT: 13.54 min Scan# 1909

Delta R.T. 0.77 min

Lab File: VW014647.D

Acq: 15 Jan 2020 12:03

Instrument :

MSVOA_W

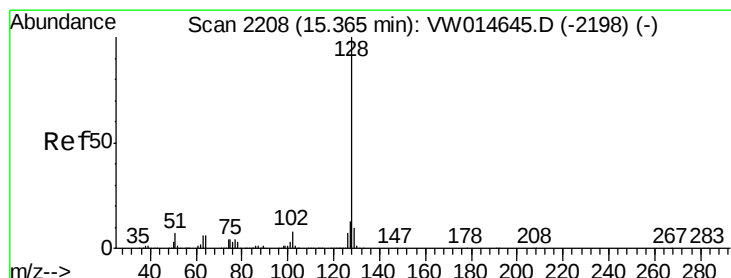
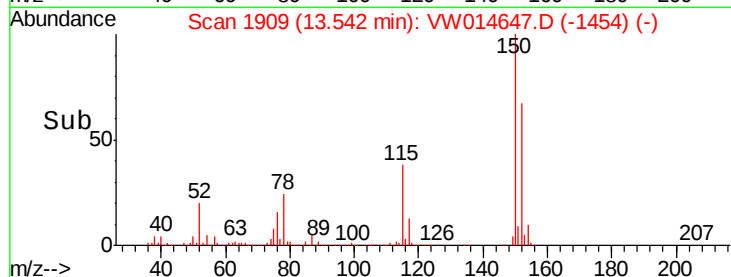
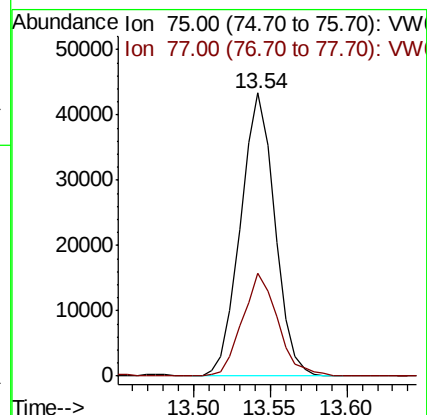
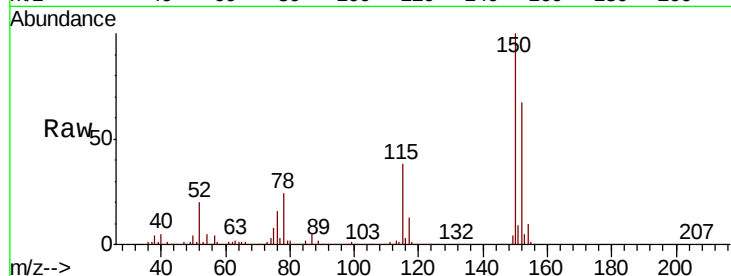
ClientSampleId :

Tot Ion: 75 Resp: 67641

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.2



#69

Naphthalene

Concen: 1.024 ug/L

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW014647.D

Acq: 15 Jan 2020 12:03

Tgt Ion: 128 Resp: 37333

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 14.7 10.6 16.0

