

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014047.D
 Acq On : 15 Nov 2019 17:58
 Operator : SY/VA
 Sample : K5855-05
 Misc : 9.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:09:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	356028	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350512	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	206559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100053	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.44%
7) Chloroethane-d5	2.89	69	88291	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
10) 1,1-Dichloroethene-d2	4.01	63	163023	13.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.92%
20) 2-Butanone-d5	7.07	46	105158	63.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.44%
24) Chloroform-d	7.65	84	244892	22.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	8.30	65	143068	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.00%
29) Benzene-d6	8.27	84	512890	20.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.48%
33) 1,2-Dichloropropane-d6	9.27	67	161081	22.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.44%
37) Toluene-d8	10.32	98	476609	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	70473	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
39) 2-Hexanone-d5	10.92	63	84968	61.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154478	28.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	185532	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

Target Compounds

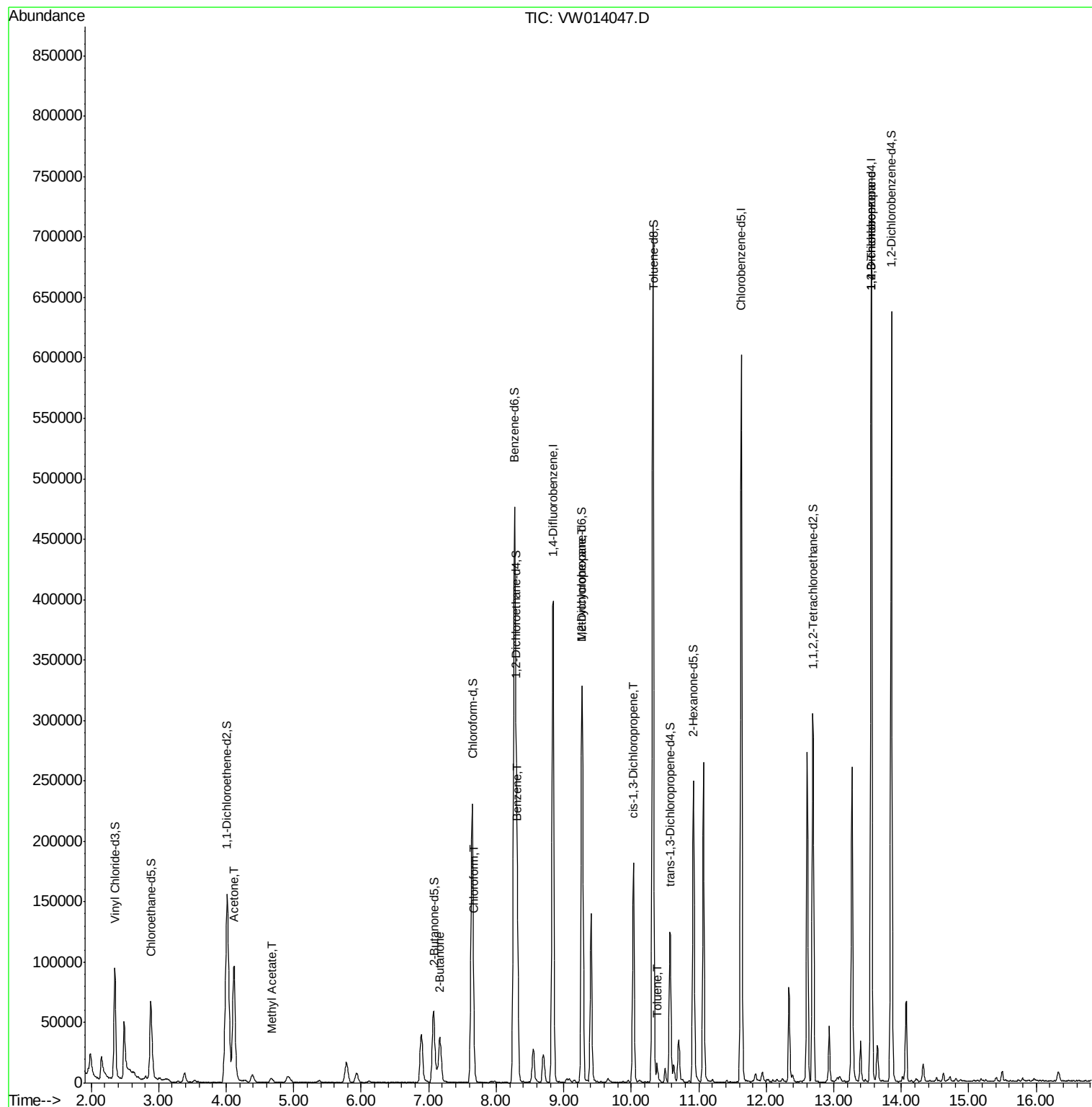
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	165982	98.844	ug/L	98
15) Methyl Acetate	4.67	43	5247	1.931	ug/L	94
21) 2-Butanone	7.17	43	58134	26.947	ug/L	95
25) Chloroform	7.67	83	3741	0.361	ug/L	82
34) Benzene	8.32	78	27887	1.085	ug/L	100
36) Methylcyclohexane	9.27	83	39244	3.191	ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	4045	0.414	ug/L #	46
44) Toluene	10.38	91	11370	0.406	ug/L	90
59) 1,2,3-Trichloropropane	13.55	75	20764	5.200	ug/L	89

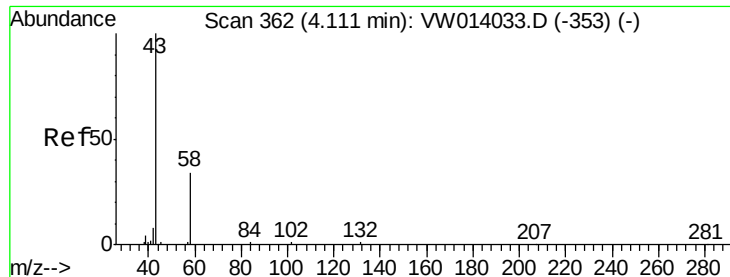
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111519\
Data File : VW014047.D
Acq On : 15 Nov 2019 17:58
Operator : SY/VA
Sample : K5855-05
Misc : 9.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 16 04:09:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 98.844 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014047.D

Acq: 15 Nov 2019 17:58

Instrument :

MSVOA_W

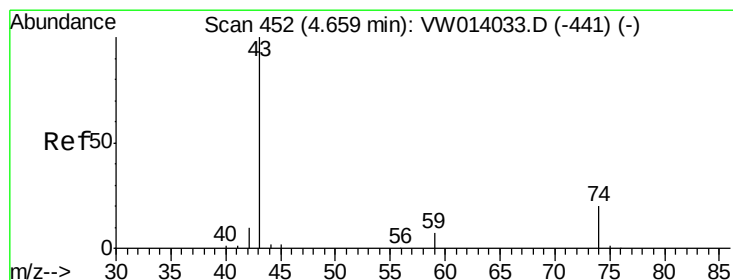
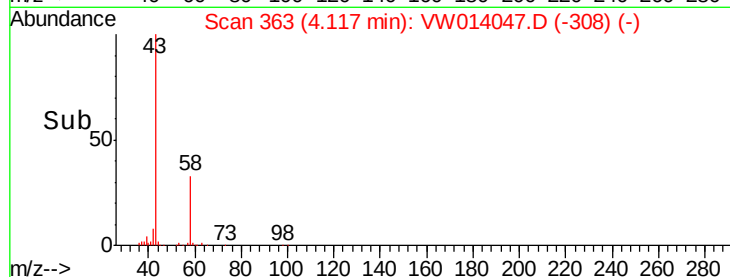
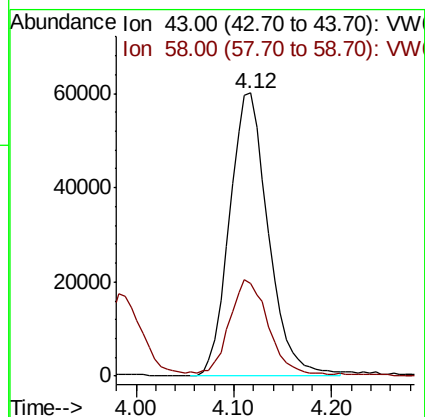
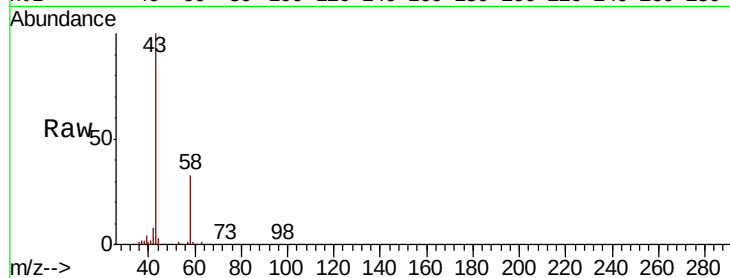
ClientSampled :

Tot Ion: 43 Resp: 165982

Ion Ratio Lower Upper

43 100 0.0 65.4

58 33.7 0.0 65.4



#15

Methyl Acetate

Concen: 1.931 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW014047.D

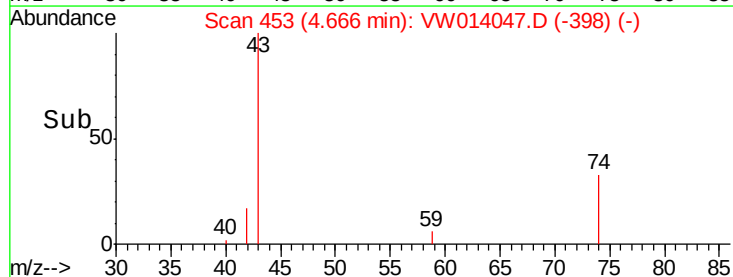
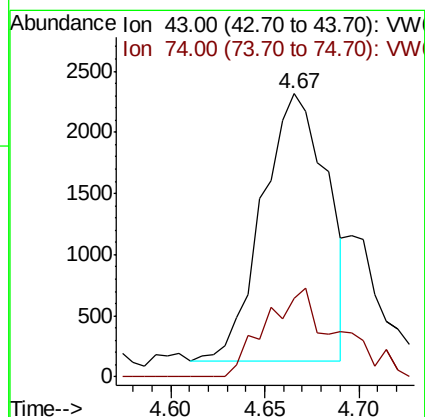
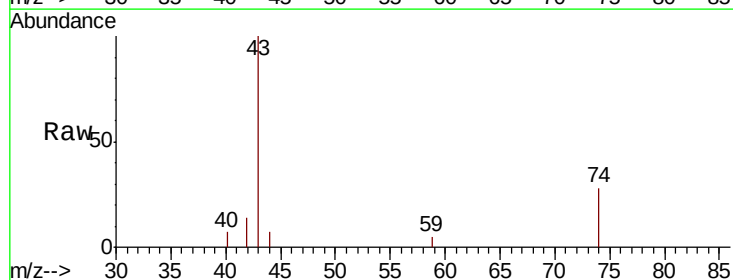
Acq: 15 Nov 2019 17:58

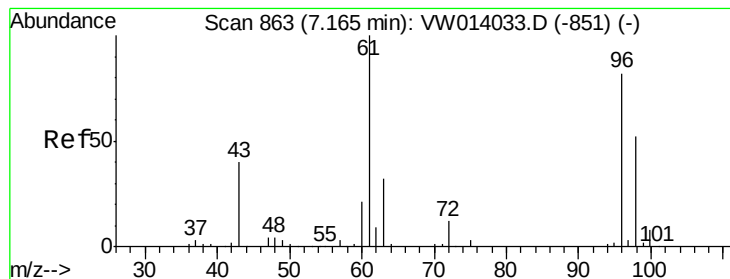
Tgt Ion: 43 Resp: 5247

Ion Ratio Lower Upper

43 100 19.3 28.9

74 27.0 19.3 28.9





#21

2-Butanone

Concen: 26.947 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014047.D

Acq: 15 Nov 2019 17:58

Instrument :

MSVOA_W

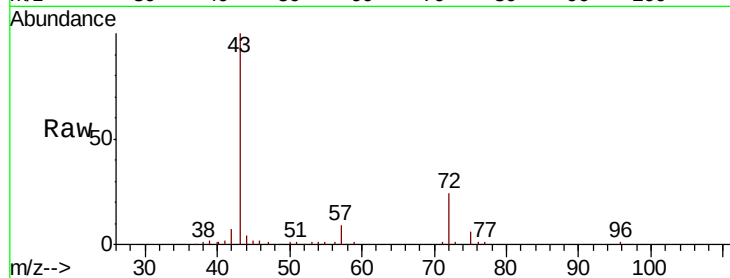
ClientSampleId :

Tot Ion: 43 Resp: 58134

Ion Ratio Lower Upper

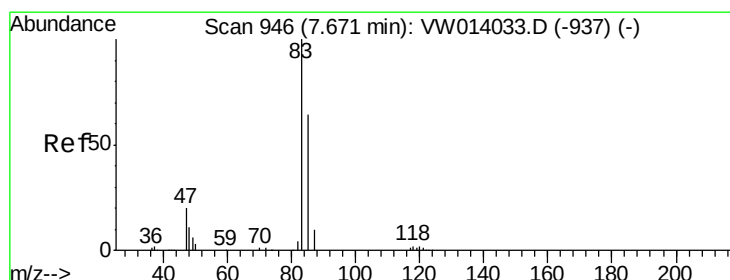
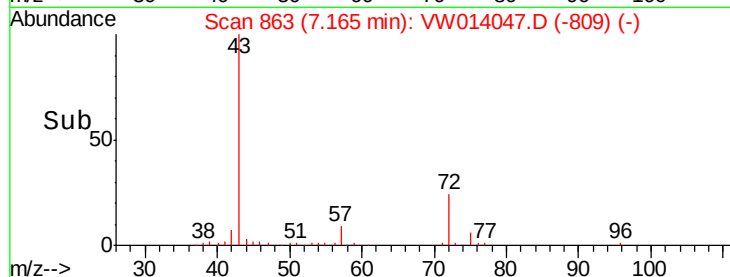
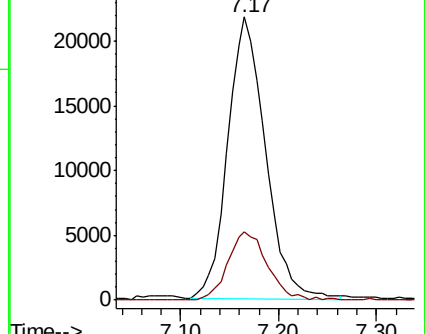
43 100

72 25.4 14.1 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#25

Chloroform

Concen: 0.361 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014047.D

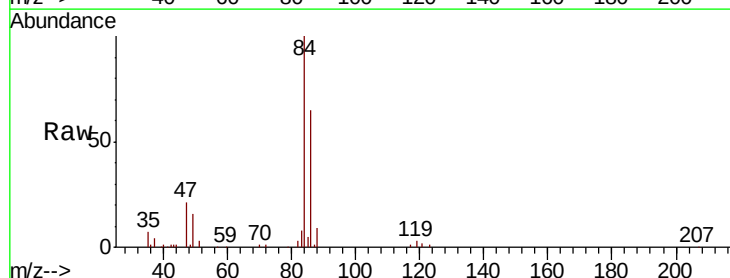
Acq: 15 Nov 2019 17:58

Tgt Ion: 83 Resp: 3741

Ion Ratio Lower Upper

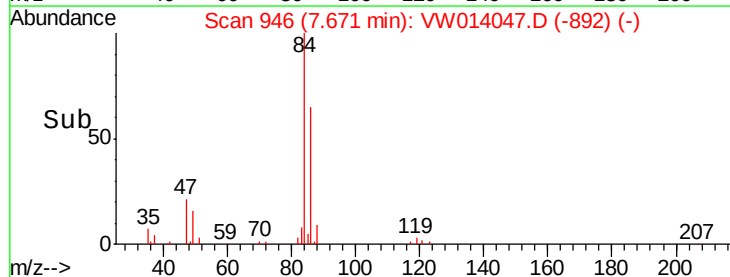
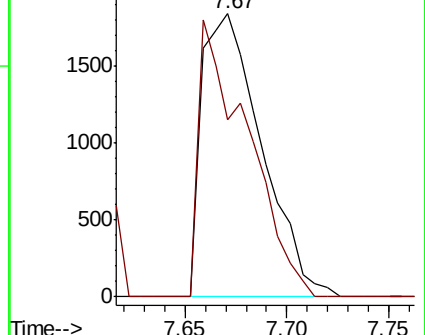
83 100

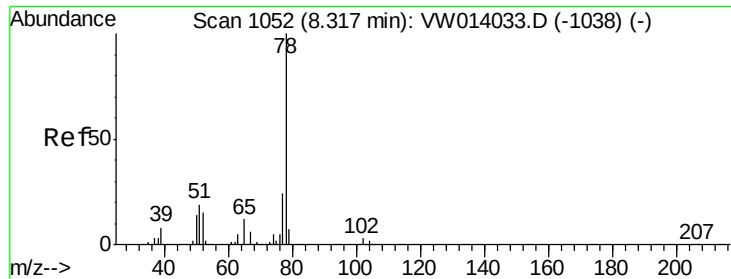
85 80.0 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VW

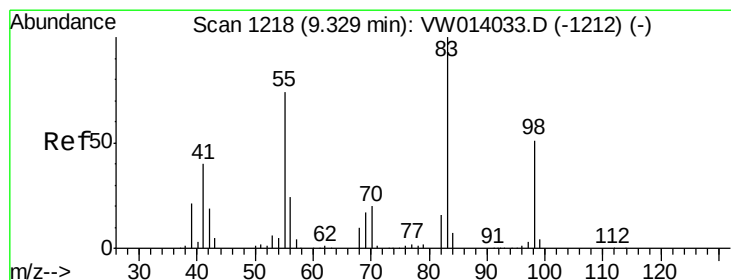
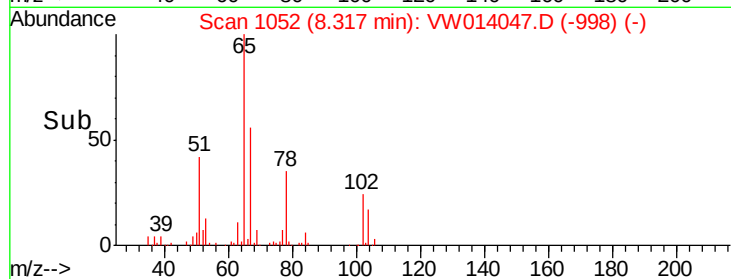
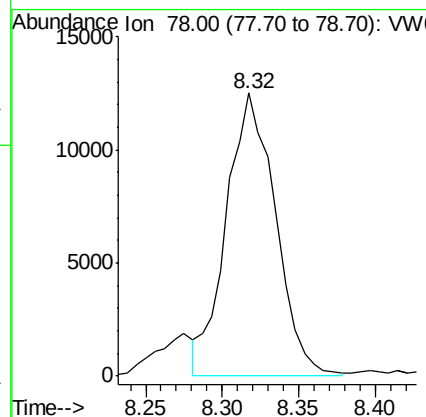
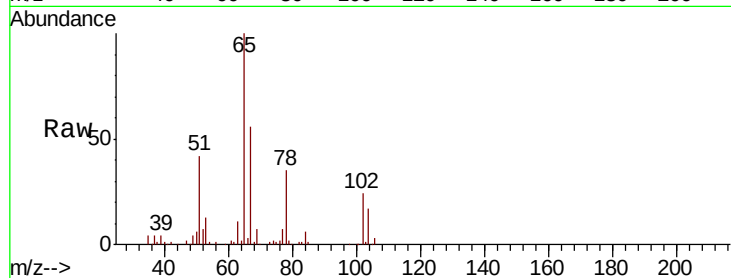
Ion 85.00 (84.70 to 85.70): VW



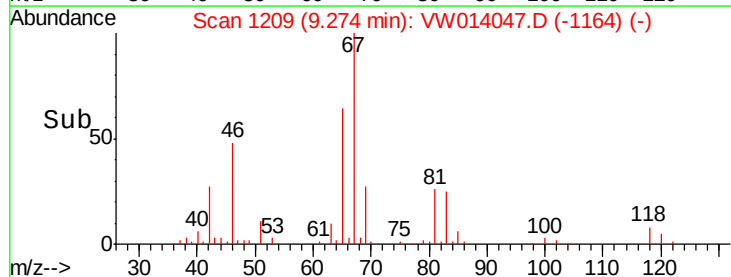
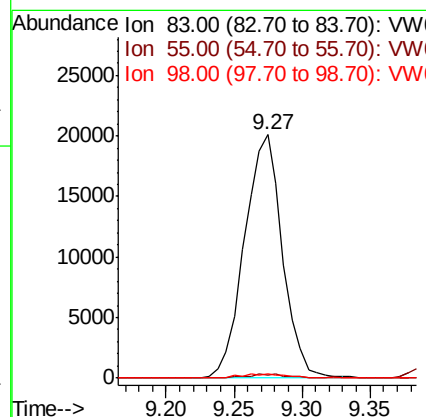
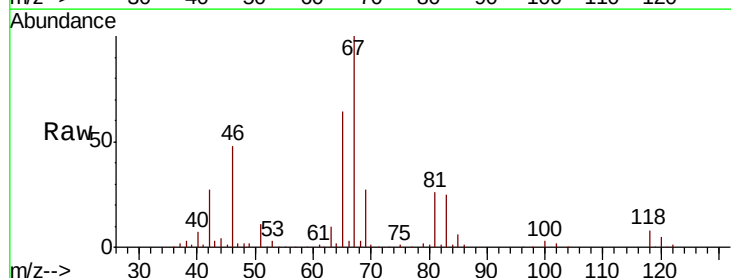


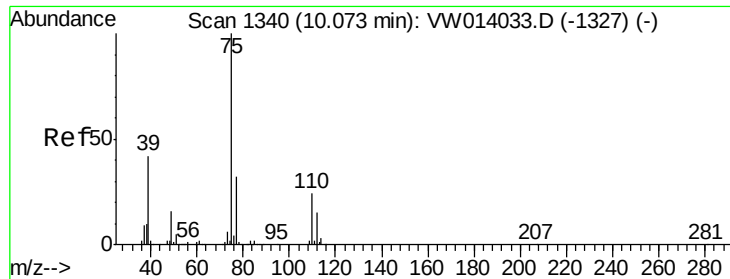
#34
Benzene
Concen: 1.085 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014047.D
Acq: 15 Nov 2019 17:58
Tgt Ion: 78 Resp: 27887

Instrument :
MSVOA_W
ClientSampled :



#36
Methylcyclohexane
Concen: 3.191 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW014047.D
Acq: 15 Nov 2019 17:58
Tgt Ion: 83 Resp: 39244
Ion Ratio Lower Upper
83 100
55 1.8 59.8 89.8#
98 1.0 39.5 59.3#





#42

cis-1,3-Dichloropropene

Concen: 0.414 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014047.D

Acq: 15 Nov 2019 17:58

Instrument :

MSVOA_W

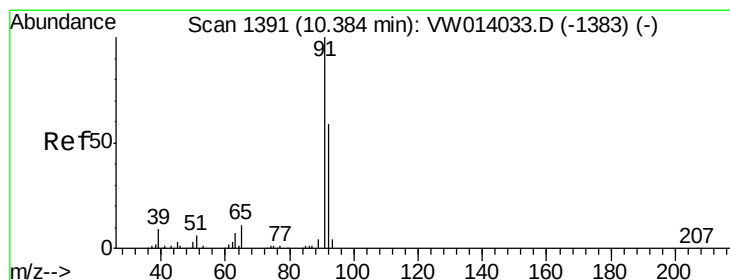
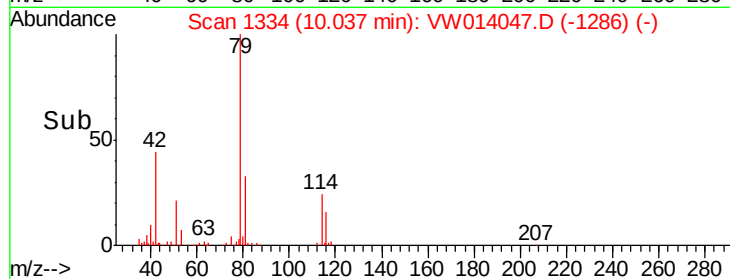
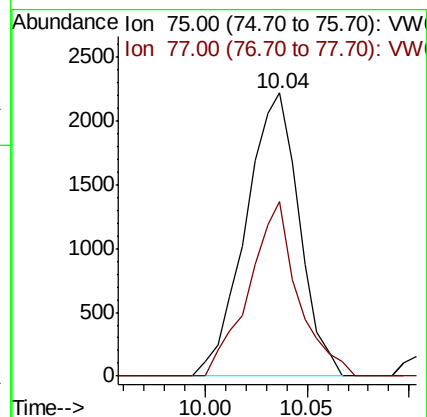
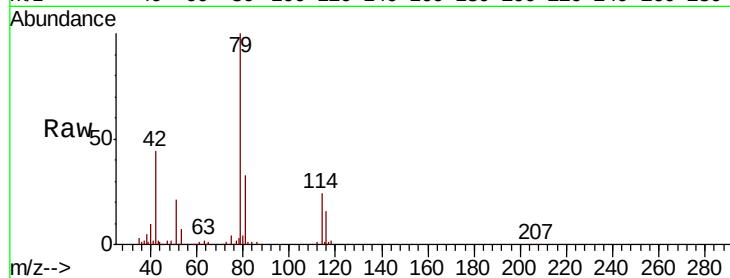
ClientSampleId :

Tot Ion: 75 Resp: 4045

Ion Ratio Lower Upper

75 100

77 61.8 22.1 41.1#



#44

Toluene

Concen: 0.406 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014047.D

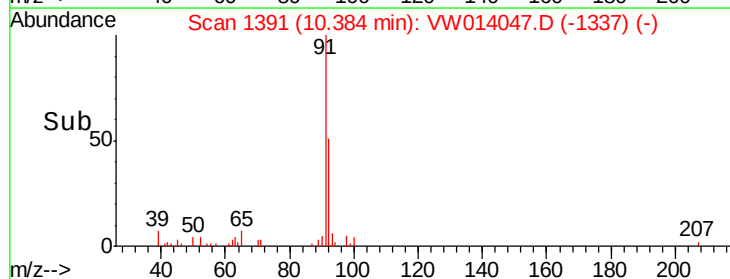
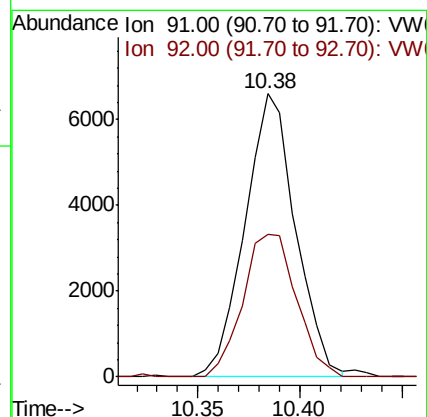
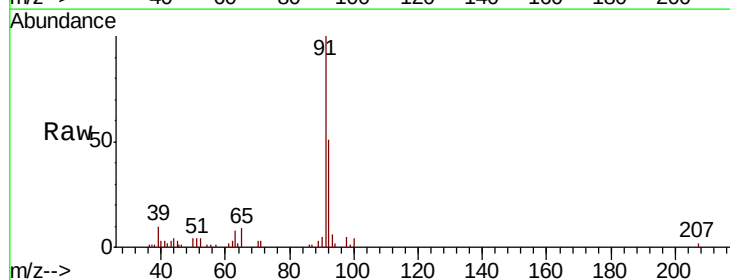
Acq: 15 Nov 2019 17:58

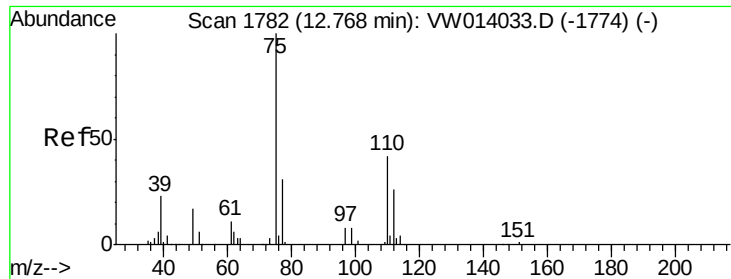
Tgt Ion: 91 Resp: 11370

Ion Ratio Lower Upper

91 100

92 50.5 40.7 75.7





#59

1,2,3-Trichloropropane

Concen: 5.200 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014047.D

Acq: 15 Nov 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 20764

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9

