

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013871.D
 Acq On : 31 Oct 2019 21:16
 Operator : SY/VA
 Sample : K5596-17
 Misc : 3.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	249639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228711	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75015	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
7) Chloroethane-d5	2.89	69	58663	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	4.02	63	110317	14.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.04%
20) 2-Butanone-d5	7.07	46	82970	62.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.24%
24) Chloroform-d	7.65	84	162477	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	8.31	65	97599	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.96%
29) Benzene-d6	8.27	84	328378	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.27	67	106785	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.16%
37) Toluene-d8	10.32	98	288868	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.56%
38) trans-1,3-Dichloropropene-	10.58	79	41741	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.92	63	65336	63.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112629	27.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	86081	22.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.96%

Target Compounds

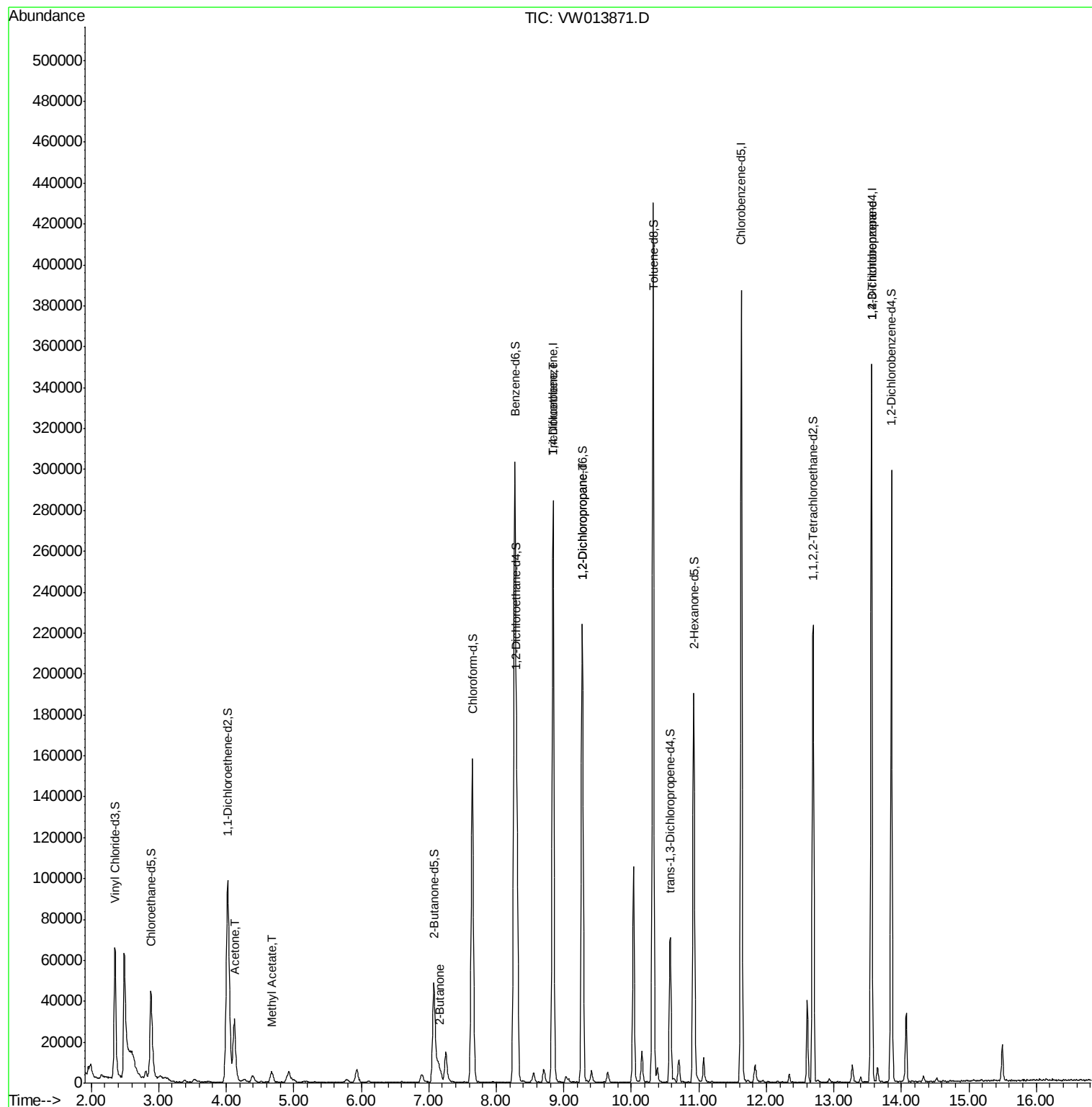
					Ovalue
13) Acetone	4.12	43	53364	42.690 ug/L	99
15) Methyl Acetate	4.67	43	10033	4.359 ug/L	98
21) 2-Butanone	7.17	43	7782	4.339 ug/L	95
35) Trichloroethene	8.84	95	7271	1.737 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	10863	2.773 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	10806	3.576 ug/L	92

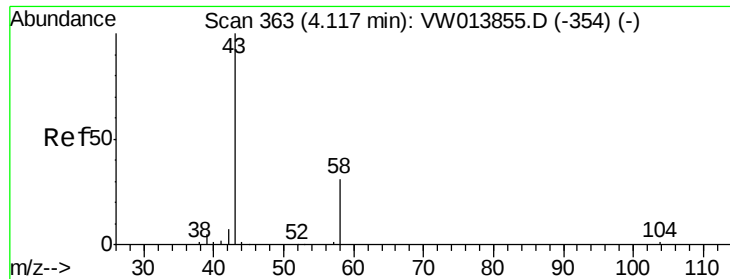
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 42.690 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013871.D

Acq: 31 Oct 2019 21:16

Instrument :

MSVOA_W

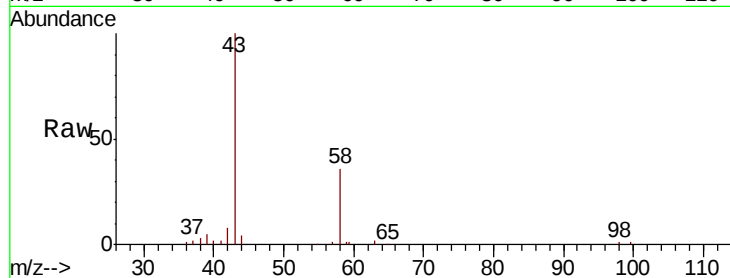
ClientSampleId :

Tot Ion: 43 Resp: 53364

Ion Ratio Lower Upper

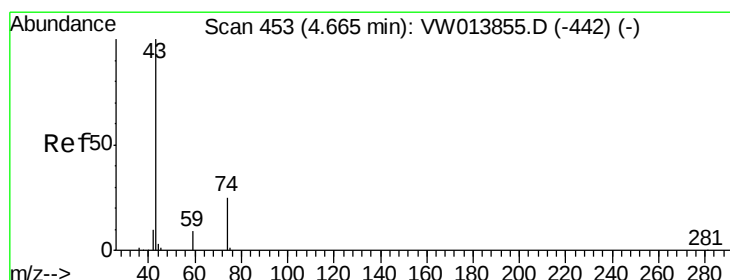
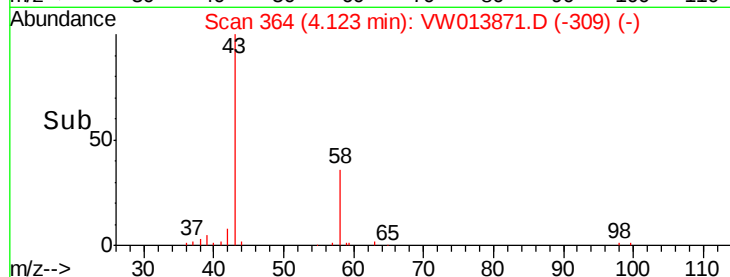
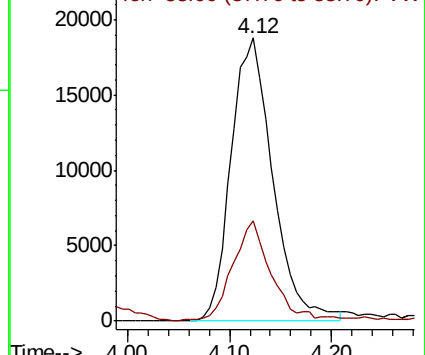
43 100

58 31.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 4.359 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013871.D

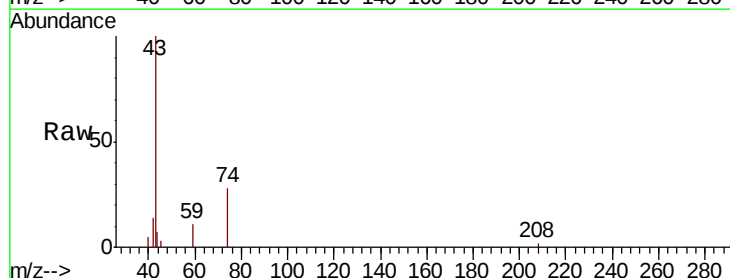
Acq: 31 Oct 2019 21:16

Tgt Ion: 43 Resp: 10033

Ion Ratio Lower Upper

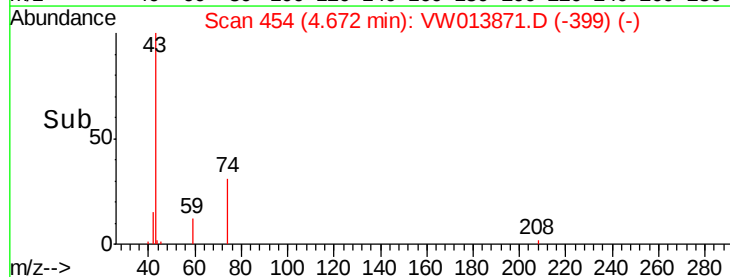
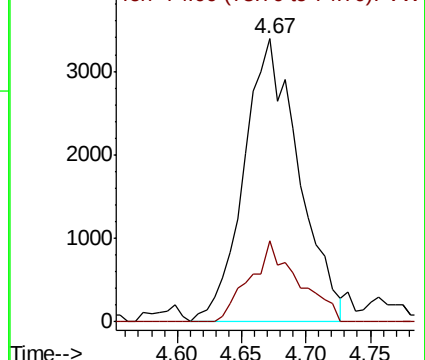
43 100

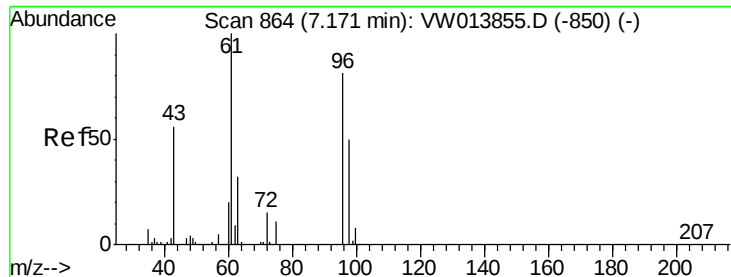
74 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#21

2-Butanone

Concen: 4.339 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013871.D

Acq: 31 Oct 2019 21:16

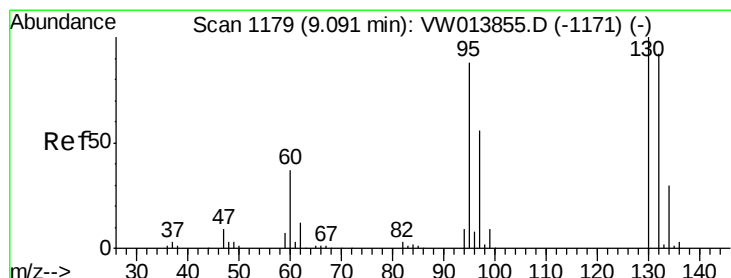
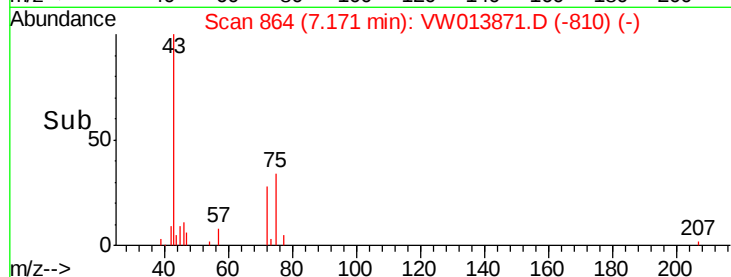
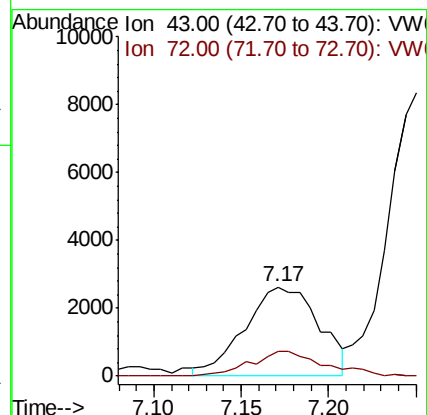
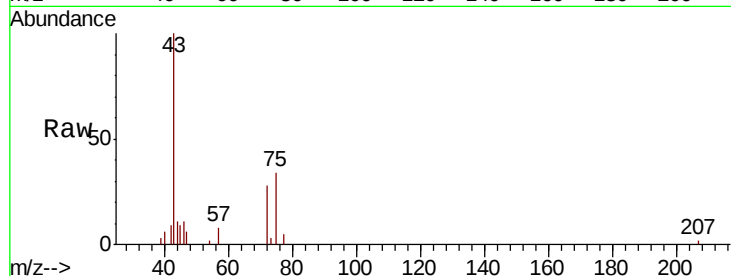
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 7782

Ion Ratio Lower Upper

43 100

72 25.2 14.0 41.9



#35

Trichloroethene

Concen: 1.737 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013871.D

Acq: 31 Oct 2019 21:16

Tgt Ion: 95 Resp: 7271

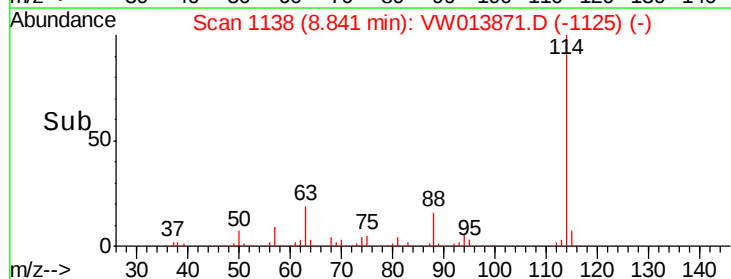
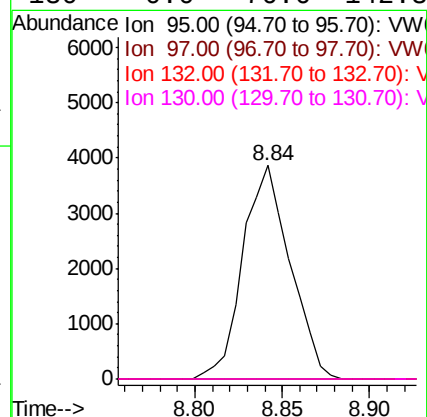
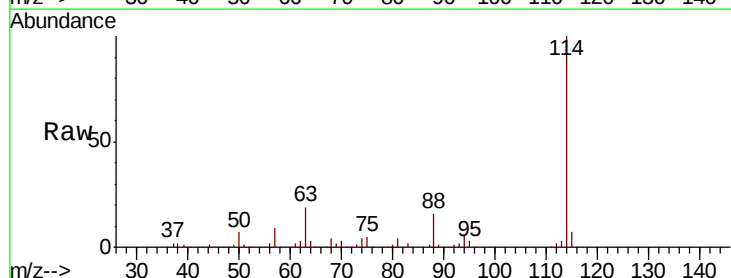
Ion Ratio Lower Upper

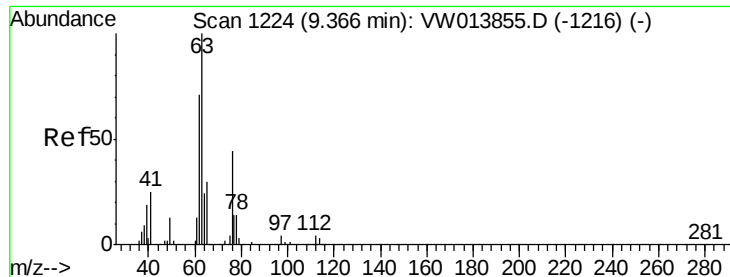
95 100

97 0.0 45.0 83.6#

132 0.0 72.4 134.4#

130 0.0 76.6 142.3#





#40

1,2-Dichloropropane

Concen: 2.773 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013871.D

Acq: 31 Oct 2019 21:16

Instrument :

MSVOA_W

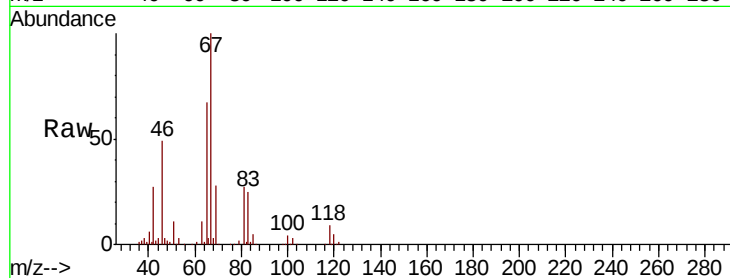
ClientSampleId :

Tot Ion: 63 Resp: 10863

Ion Ratio Lower Upper

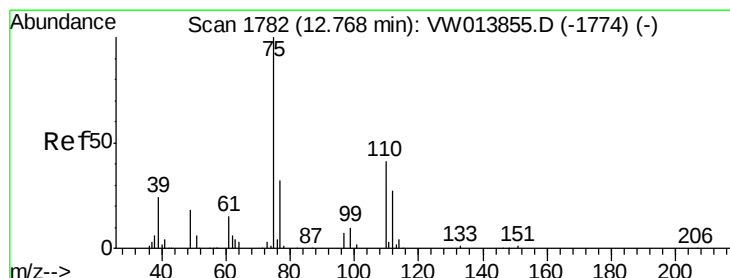
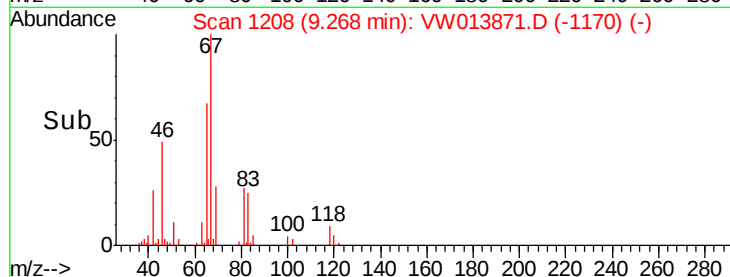
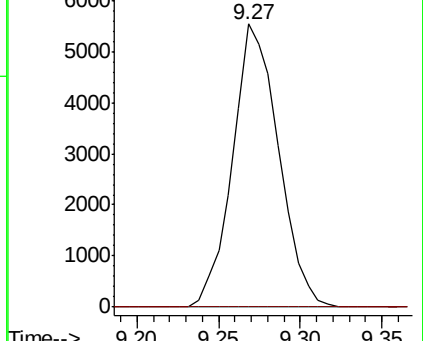
63 100

112 0.2 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.576 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013871.D

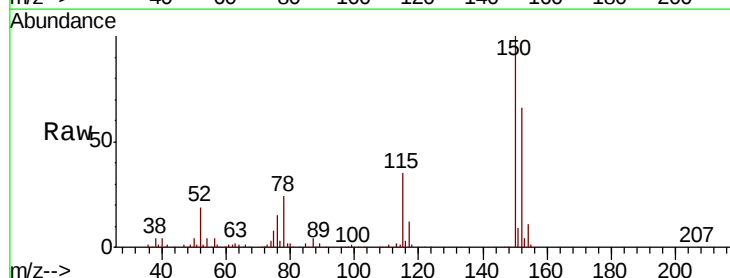
Acq: 31 Oct 2019 21:16

Tgt Ion: 75 Resp: 10806

Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

