

Data File : VW014127.D
Acq On : 26 Nov 2019 11:38
Operator : SY/VA
Sample : K6007-04RE
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL2RE

Quant Time: Nov 27 07:07:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	273339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	189240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46662	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67258	15.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.68%
7) Chloroethane-d5	2.89	69	72507	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	4.01	63	109694	12.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.04%
20) 2-Butanone-d5	7.07	46	67048	52.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.84%
24) Chloroform-d	7.65	84	207996	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	98802	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.52%
29) Benzene-d6	8.27	84	413359	30.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.16%
33) 1,2-Dichloropropane-d6	9.27	67	137310	34.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.64%#
37) Toluene-d8	10.32	98	318801	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.57	79	24816	14.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.92%
39) 2-Hexanone-d5	10.92	63	47432	63.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103647	34.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	78154	41.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	166.76%#

Target Compounds

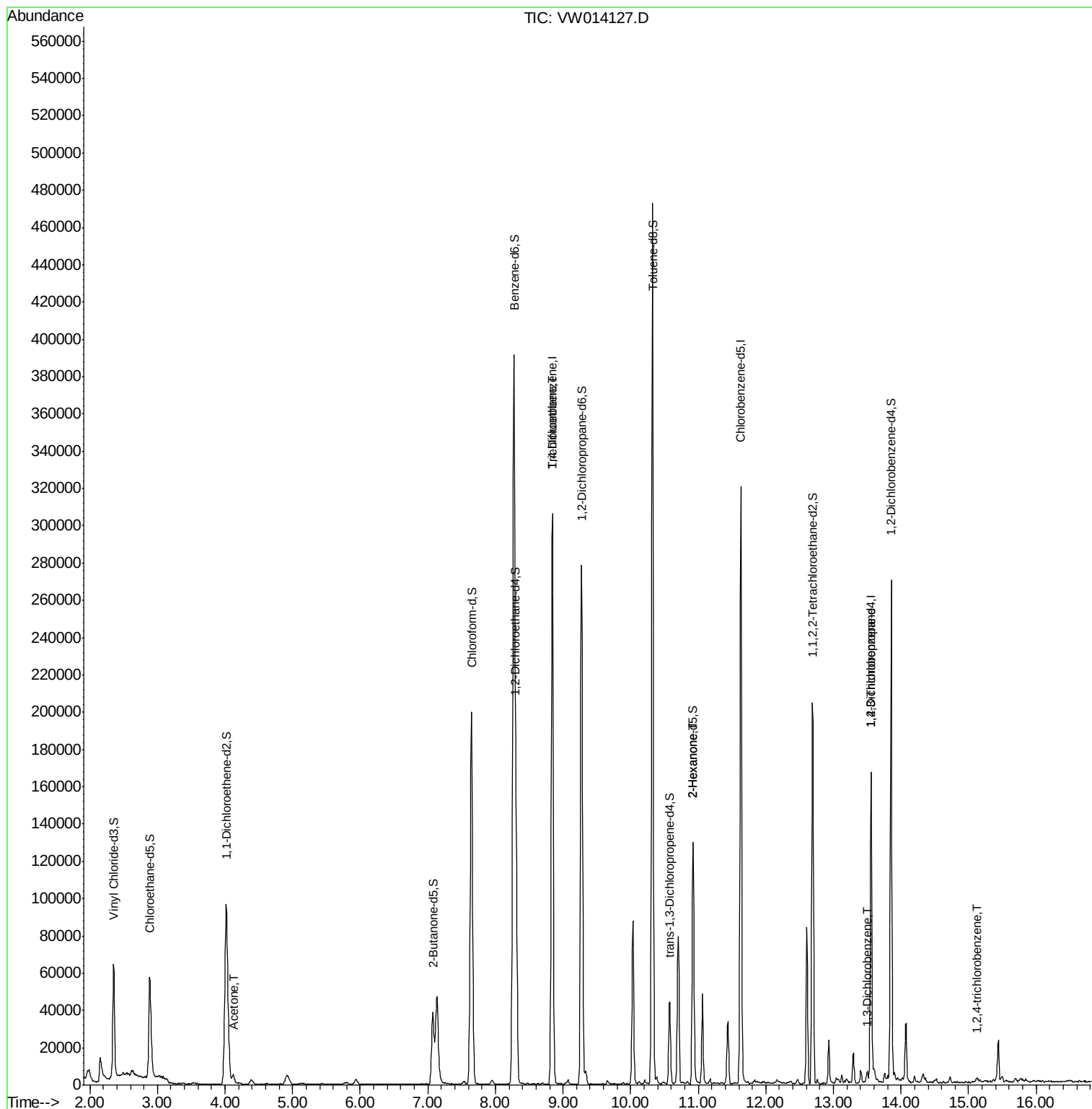
					Qvalue
13) Acetone	4.12	43	7626	5.915 ug/L	74
35) Trichloroethene	8.84	95	8092	2.185 ug/L #	2
49) 2-Hexanone	10.92	43	5755	3.618 ug/L #	44
59) 1,2,3-Trichloropropane	13.56	75	5272	2.445 ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	1697	0.518 ug/L	93
68) 1,2,4-trichlorobenzene	15.13	180	806	0.411 ug/L #	58

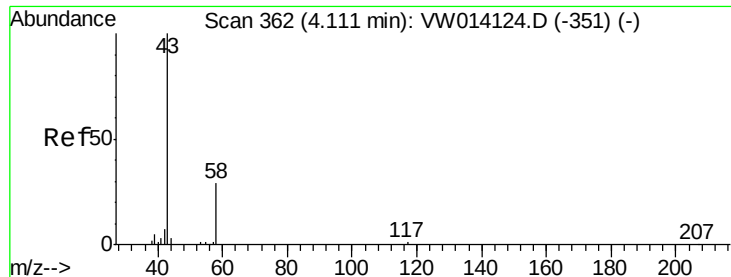
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.915 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

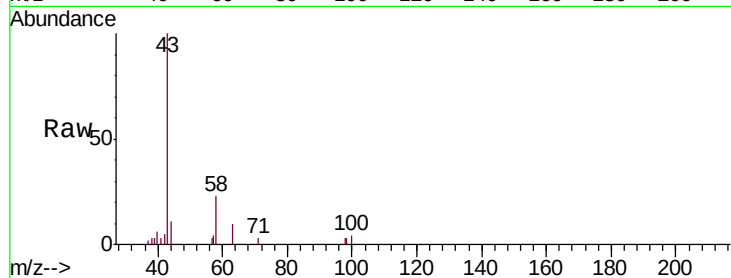
C0BL2RE

Tgt Ion: 43 Resp: 7626

Ion Ratio Lower Upper

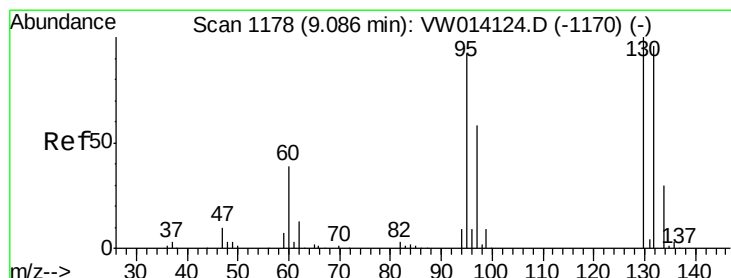
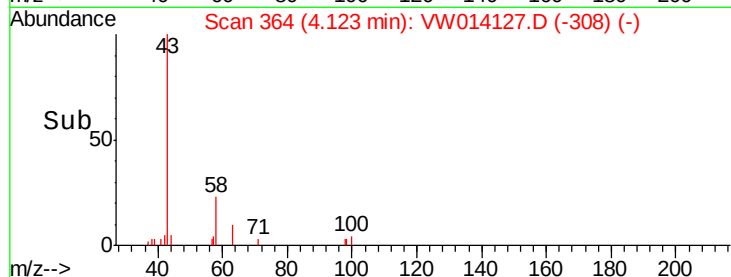
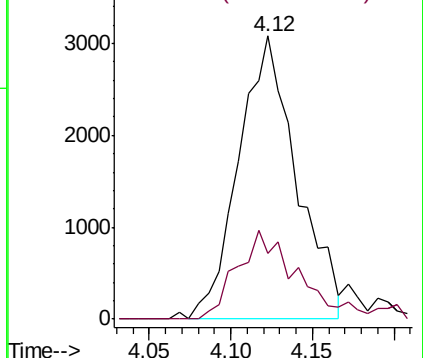
43 100

58 18.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.185 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 8092

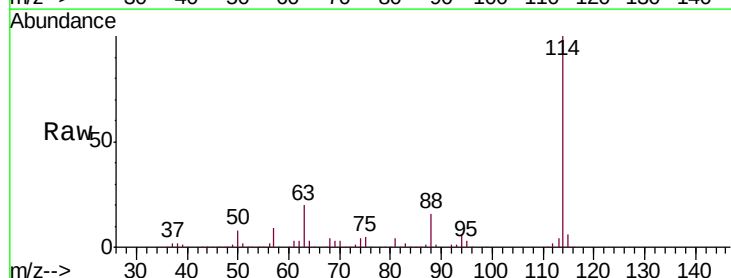
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

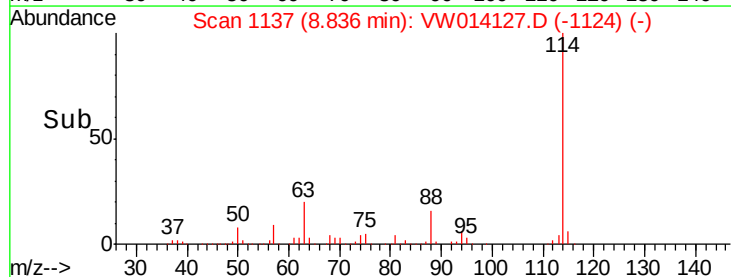
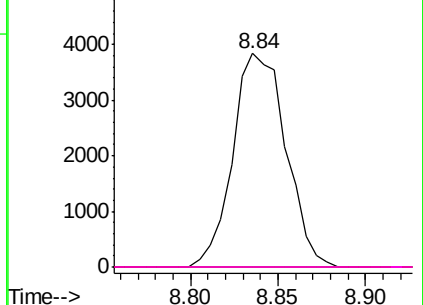


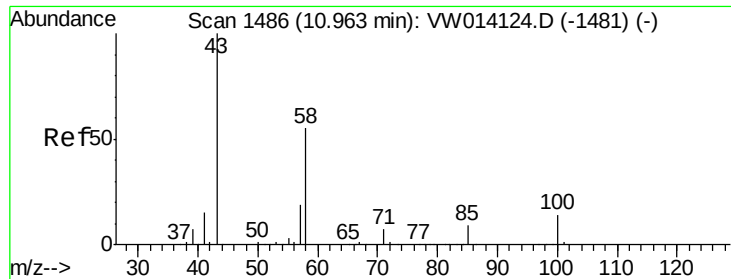
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#49

2-Hexanone

Concen: 3.618 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 5755

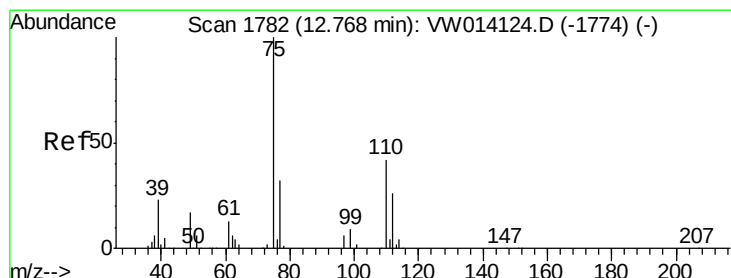
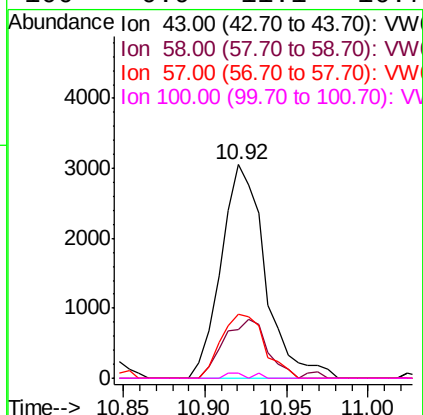
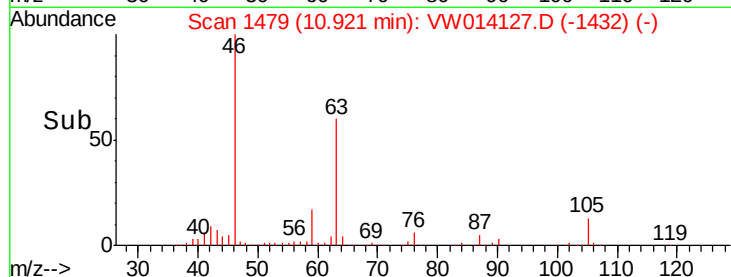
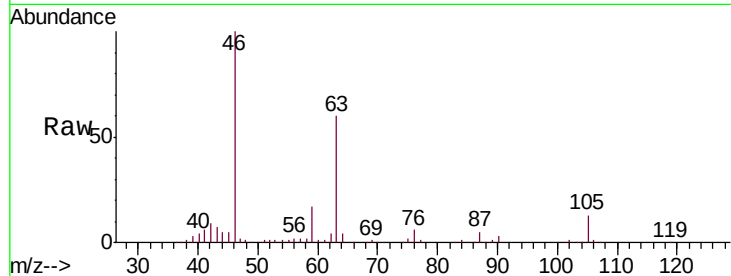
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 29.4 16.5 24.7#

100 0.9 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 2.445 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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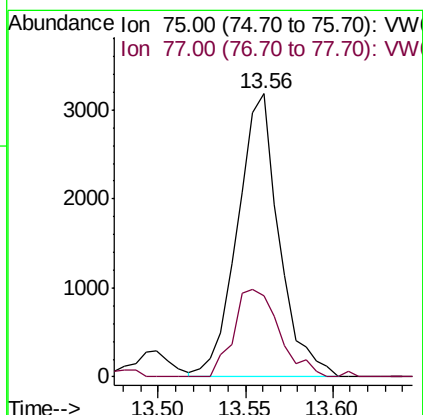
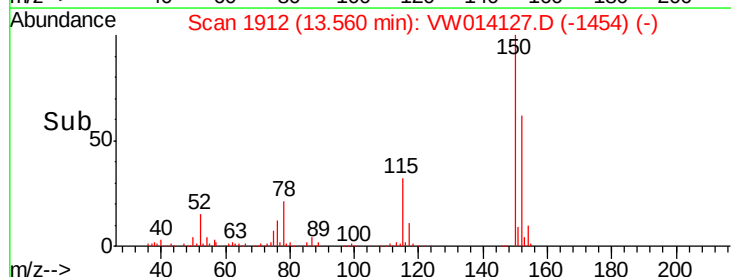
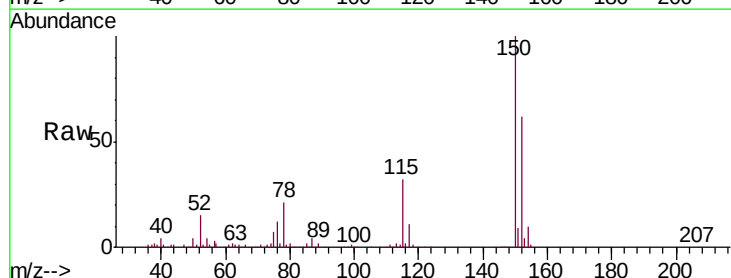
Acq: 26 Nov 2019 11:38

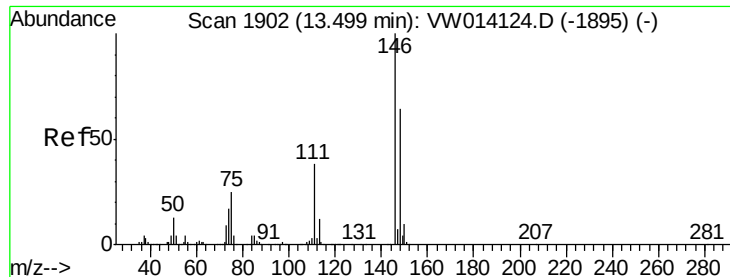
Tgt Ion: 75 Resp: 5272

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9





#63

1,3-Dichlorobenzene

Concen: 0.518 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

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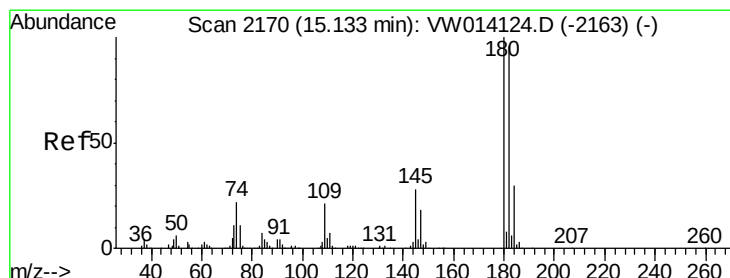
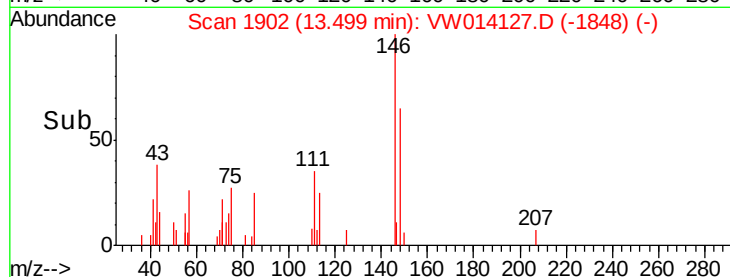
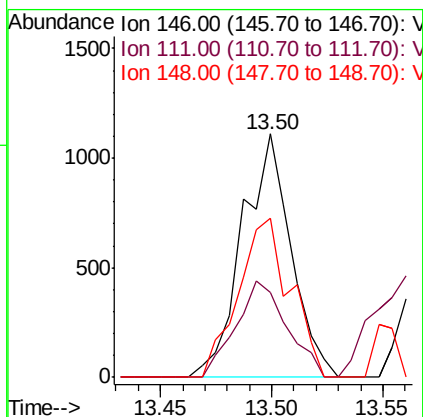
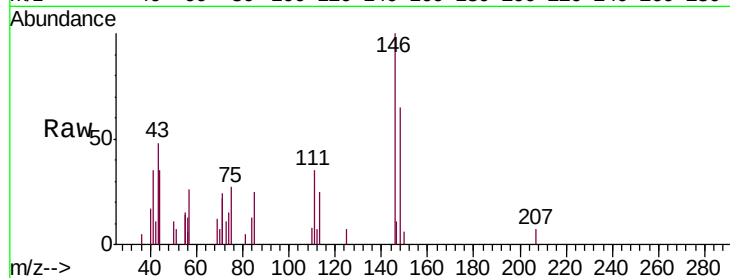
Instrument :

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ClientSampleId :

C0BL2RE

Tgt Ion:	146	Resp:	1697
Ion	Ratio	Lower	Upper
146	100		
111	31.5	26.0	48.2
148	59.1	44.7	82.9



#68

1,2,4-trichlorobenzene

Concen: 0.411 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

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Tgt Ion:	180	Resp:	806
Ion	Ratio	Lower	Upper
180	100		
182	46.5	75.8	113.8#
145	36.6	22.4	33.6#

