

Data File : VW014803.D
Acq On : 29 Jan 2020 18:54
Operator : SY/VA
Sample : L1303-10
Misc : 4.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF5

Quant Time: Jan 30 07:09:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	924856	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	830155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	340556	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	342470	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	2.89	69	272576	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.01	63	430014	16.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.88%
20) 2-Butanone-d5	7.07	46	120592	28.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.98%
24) Chloroform-d	7.65	84	522393	20.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.84%
26) 1,2-Dichloroethane-d4	8.45	65	159	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1114293	21.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.32%
33) 1,2-Dichloropropane-d6	9.27	67	344008	21.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.72%
37) Toluene-d8	10.32	98	975658	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.57	79	123296	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.20%
39) 2-Hexanone-d5	10.92	63	88599	29.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	198752	15.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	300045	22.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.92%

Target Compounds

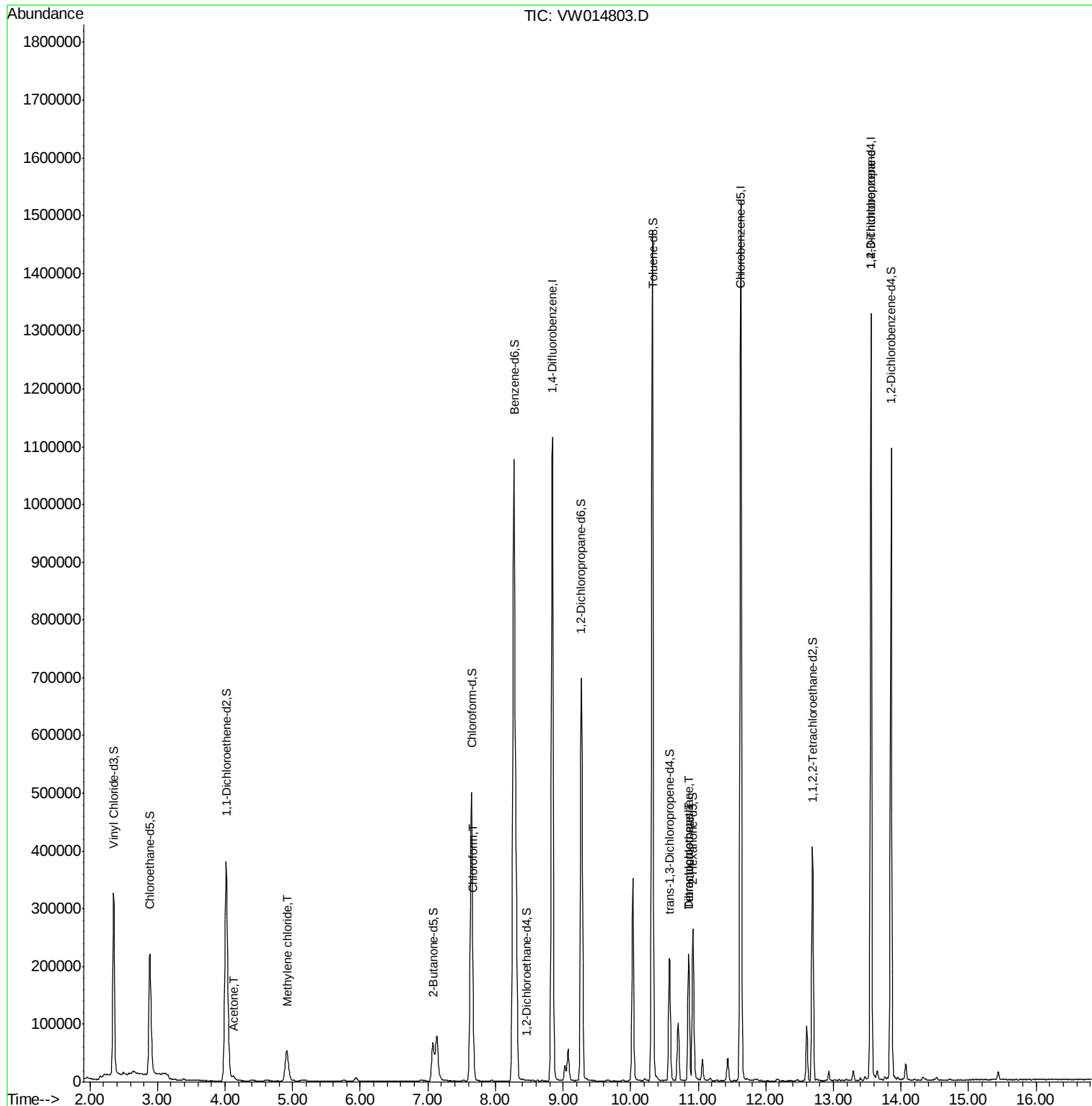
					Qvalue
13) Acetone	4.12	43	13063	2.932	ug/L 74
16) Methylene chloride	4.92	84	40912	2.618	ug/L 97
25) Chloroform	7.67	83	16016	0.702	ug/L # 45
47) Tetrachloroethene	10.86	164	49993	4.632	ug/L 96
50) Dibromochloromethane	10.86	129	48472	4.617	ug/L # 10
59) 1,2,3-Trichloropropane	13.55	75	41000	4.604	ug/L 89

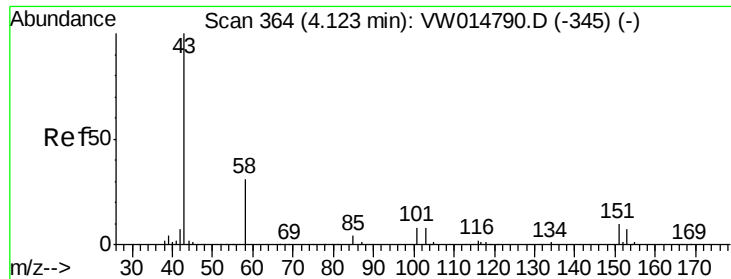
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.932 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

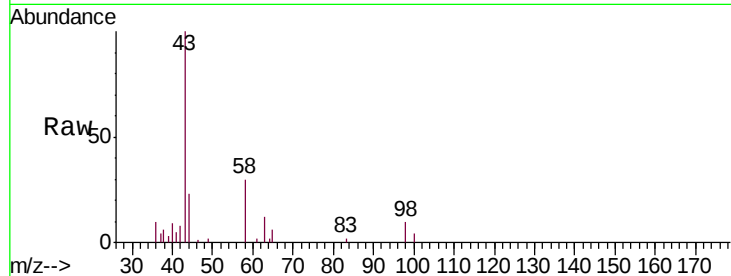
C0AF5

Tgt Ion: 43 Resp: 13063

Ion Ratio Lower Upper

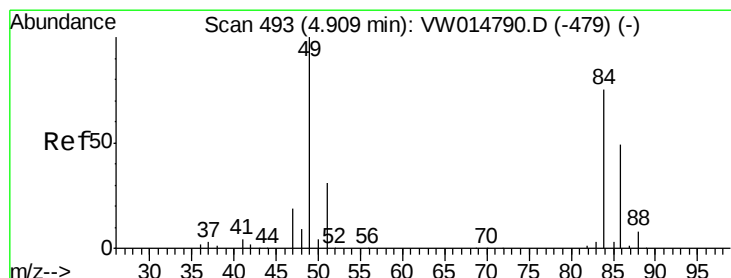
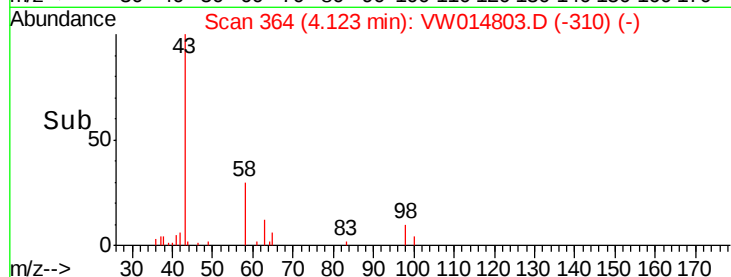
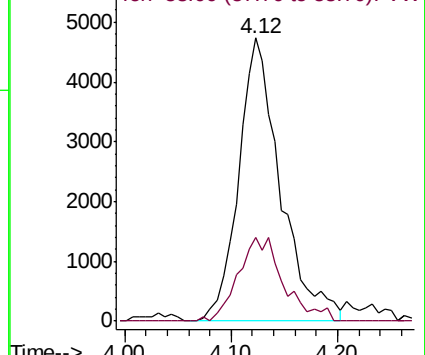
43 100

58 17.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.618 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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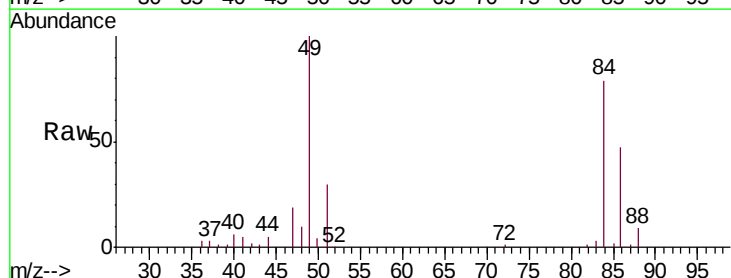
Tgt Ion: 84 Resp: 40912

Ion Ratio Lower Upper

84 100

49 126.9 90.9 168.7

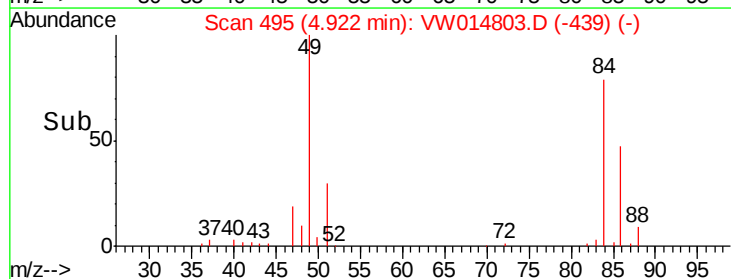
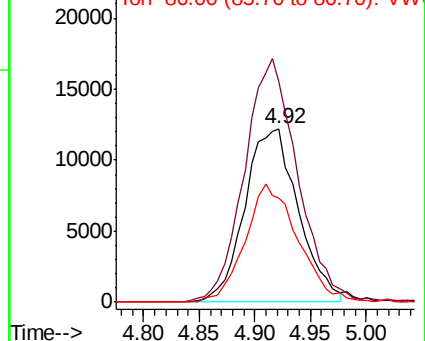
86 59.7 43.5 80.7

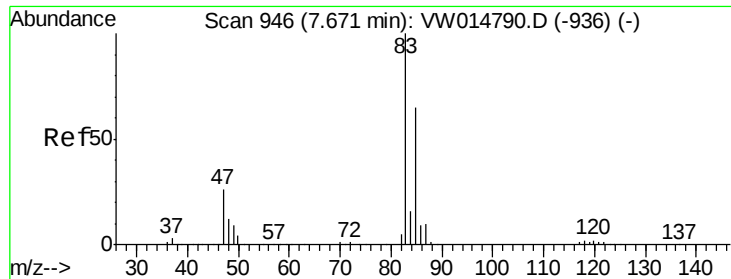


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 0.702 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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ClientSampleId :

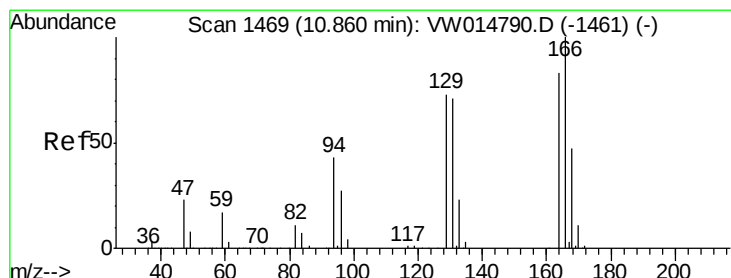
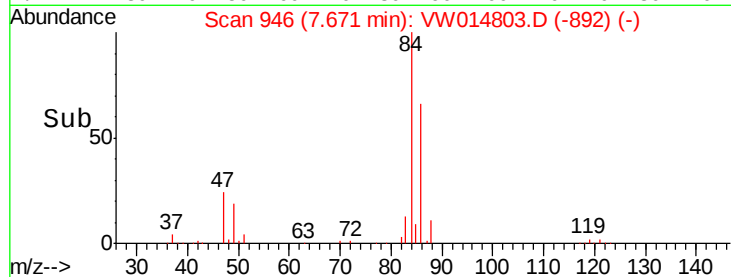
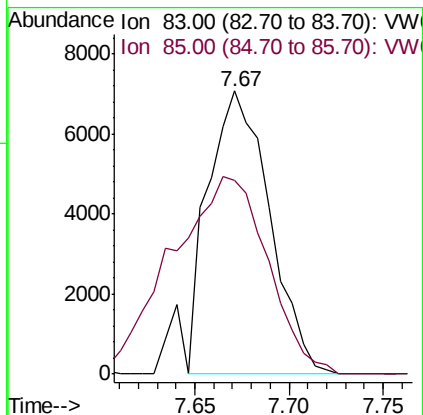
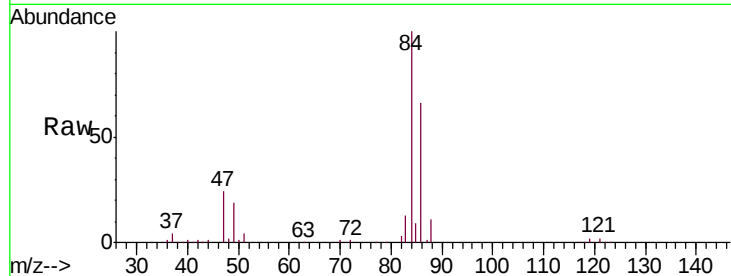
C0AF5

Tgt Ion: 83 Resp: 16016

Ion Ratio Lower Upper

83 100

85 109.4 46.0 85.4#



#47

Tetrachloroethene

Concen: 4.632 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014803.D

Acq: 29 Jan 2020 18:54

Tgt Ion: 164 Resp: 49993

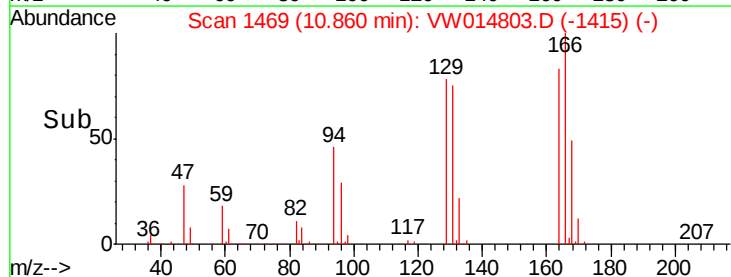
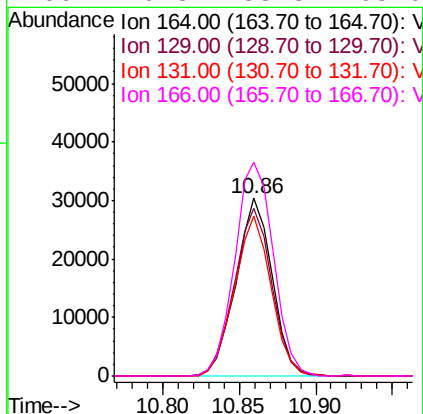
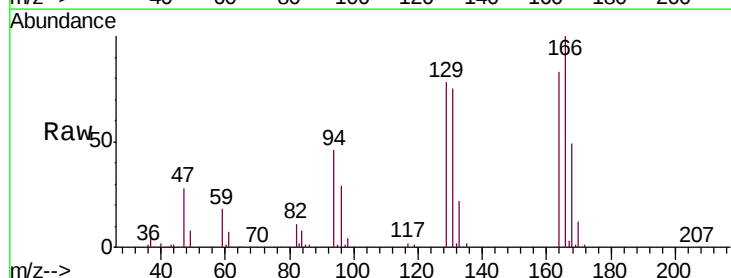
Ion Ratio Lower Upper

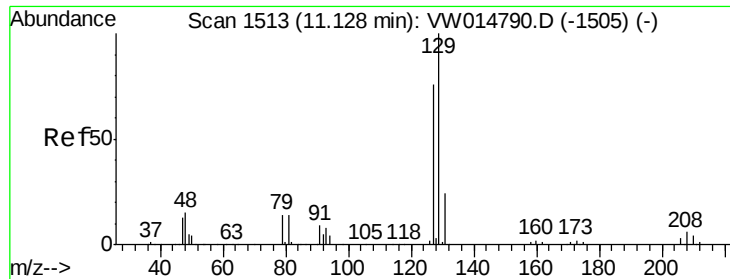
164 100

129 94.2 64.4 119.6

131 90.0 61.2 113.6

166 120.3 88.8 165.0





#50

Dibromochloromethane

Concen: 4.617 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW014803.D

Acq: 29 Jan 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

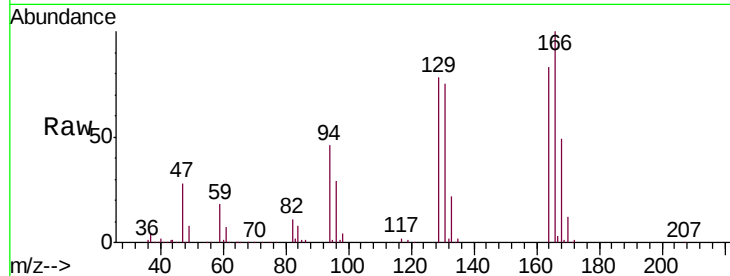
C0AF5

Tgt Ion:129 Resp: 48472

Ion Ratio Lower Upper

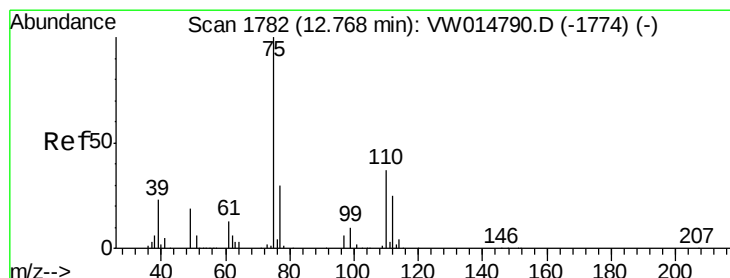
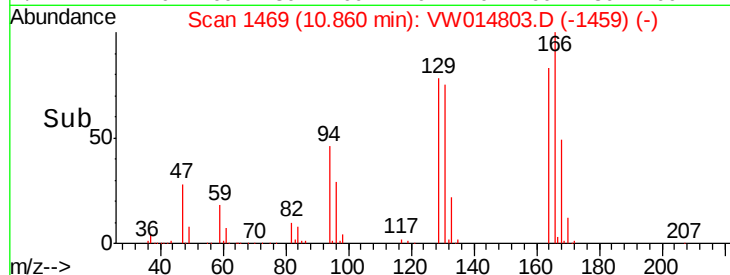
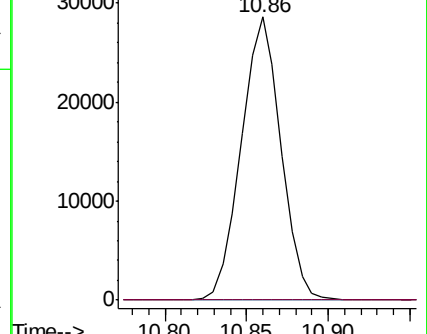
129 100

127 0.0 55.7 103.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.604 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014803.D

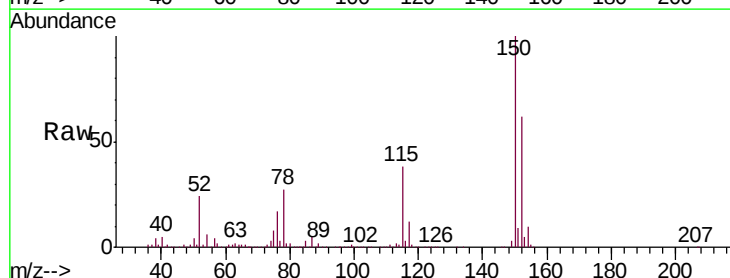
Acq: 29 Jan 2020 18:54

Tgt Ion: 75 Resp: 41000

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

