

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016235.D
 Acq On : 18 Aug 2020 12:40
 Operator : SY/VA
 Sample : L3709-05
 Misc : 6.59G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ8

Quant Time: Aug 19 05:51:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92593	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
7) Chloroethane-d5	2.90	69	75524	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.64%
10) 1,1-Dichloroethene-d2	4.01	63	157877	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	7.22	46	288	0.22	ug/L	0.14
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.44%#
24) Chloroform-d	7.65	84	229030	21.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.68%
26) 1,2-Dichloroethane-d4	8.31	65	109404	19.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.16%
29) Benzene-d6	8.28	84	447477	22.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.08%
33) 1,2-Dichloropropane-d6	9.28	67	131606	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.08%
37) Toluene-d8	10.33	98	406472	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	52639	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.40%
39) 2-Hexanone-d5	10.93	63	36967	35.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98373	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	136097	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

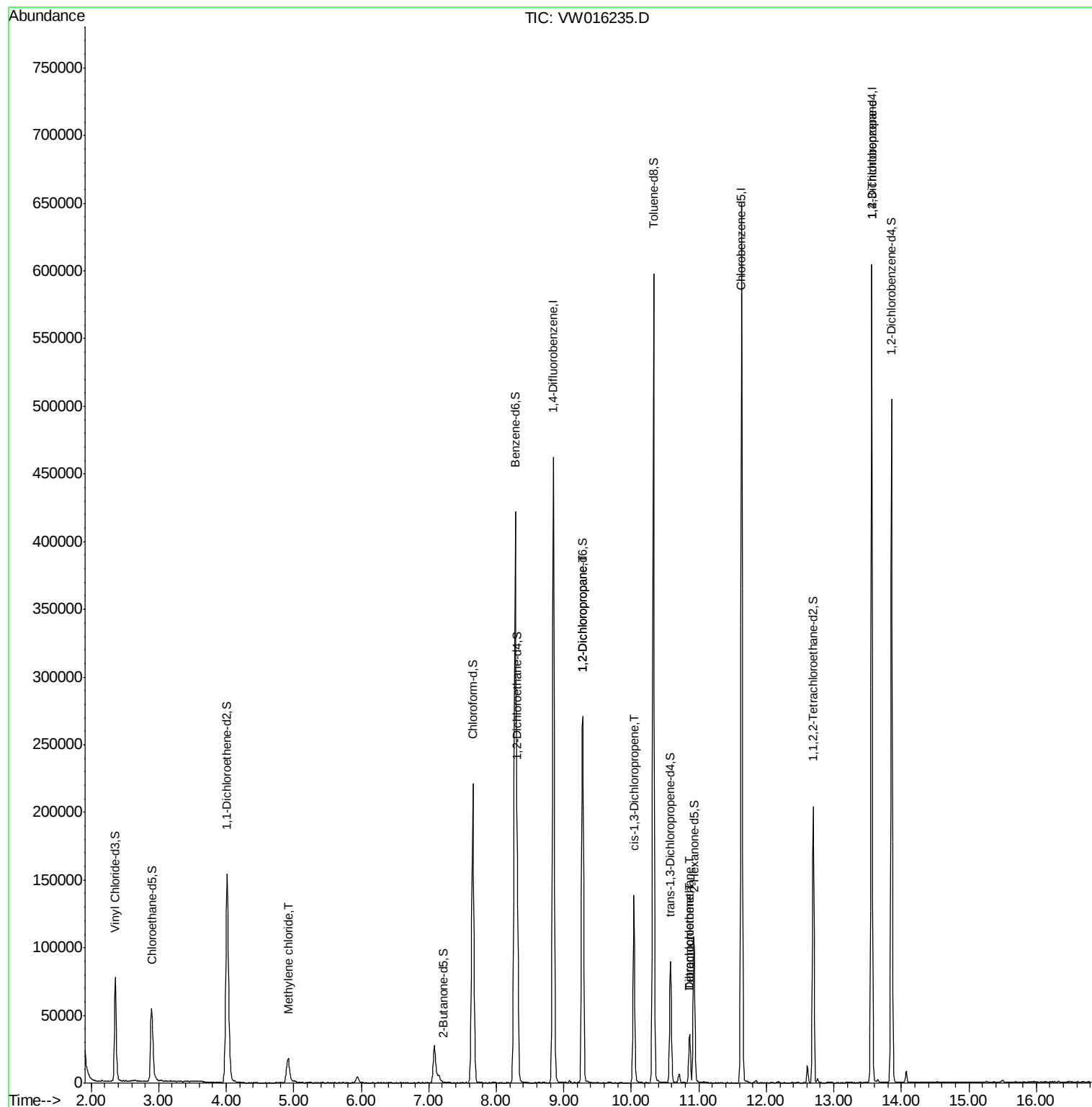
					Ovalue
16) Methylene chloride	4.91	84	15688	2.465 ug/L	80
40) 1,2-Dichloropropane	9.28	63	14303	2.704 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3481	0.432 ug/L #	60
47) Tetrachloroethene	10.87	164	8277	1.906 ug/L	95
50) Dibromochloromethane	10.87	129	8235	1.679 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	17671	4.801 ug/L	92

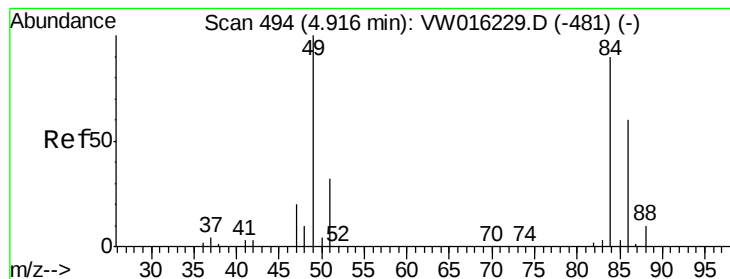
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.465 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016235.D

Acq: 18 Aug 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

BFSQ8

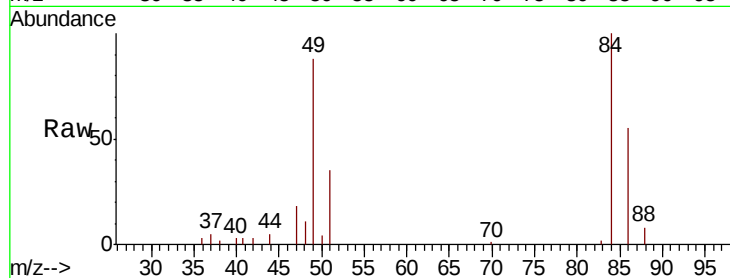
Tot Ion: 84 Resp: 15688

Ion Ratio Lower Upper

84 100

49 87.6 80.4 149.4

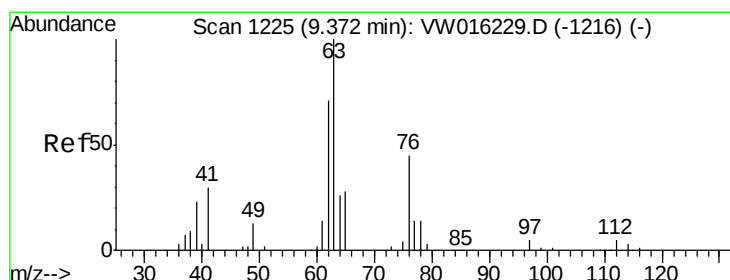
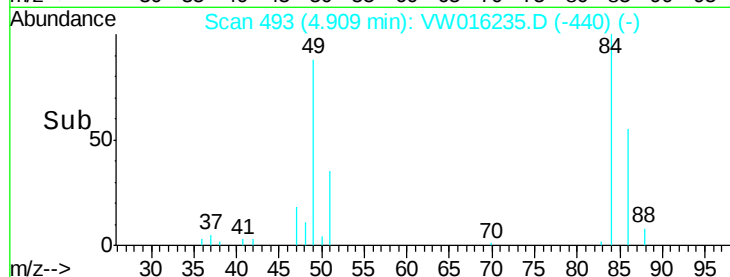
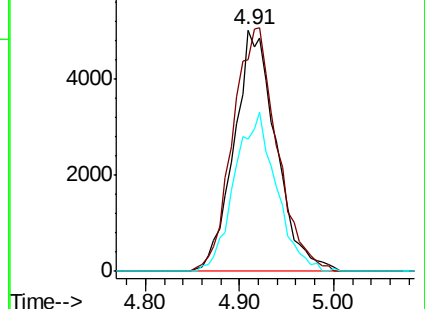
86 54.7 43.8 81.3



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



#40

1,2-Dichloropropane

Concen: 2.704 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016235.D

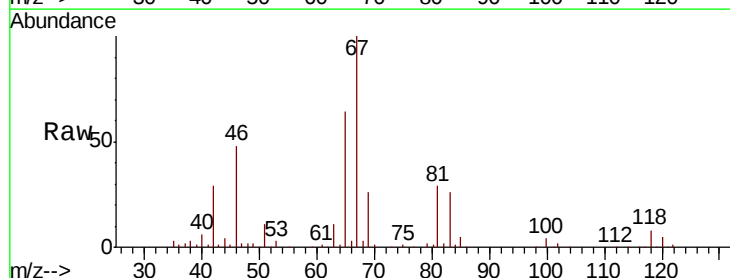
Acq: 18 Aug 2020 12:40

Tgt Ion: 63 Resp: 14303

Ion Ratio Lower Upper

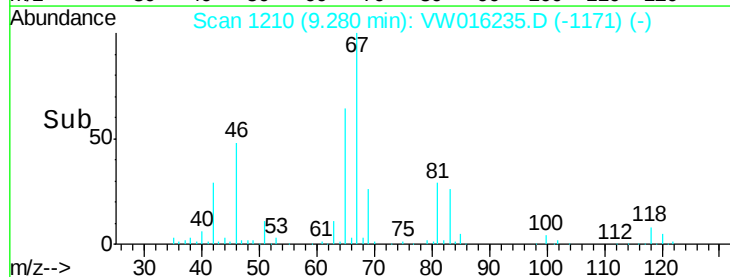
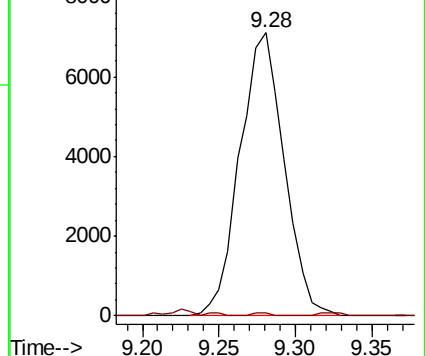
63 100

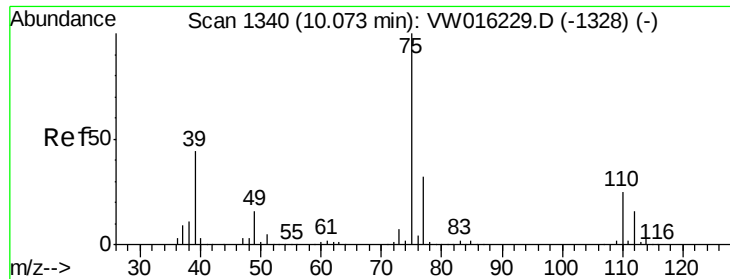
112 0.4 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

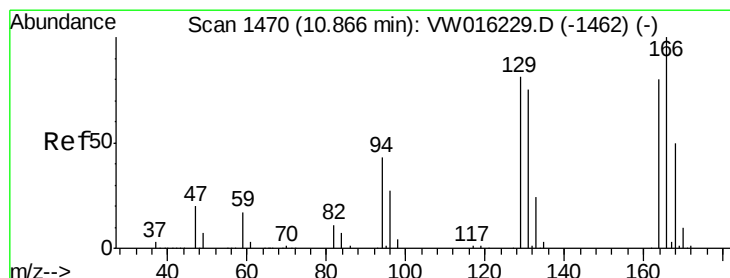
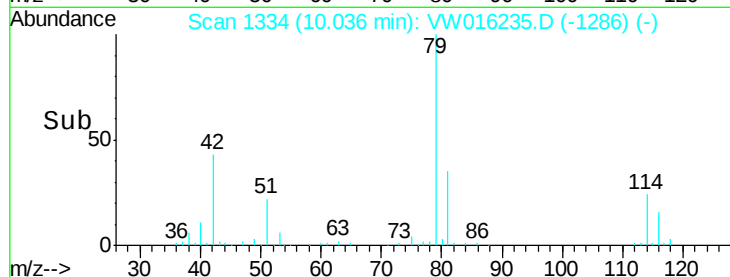
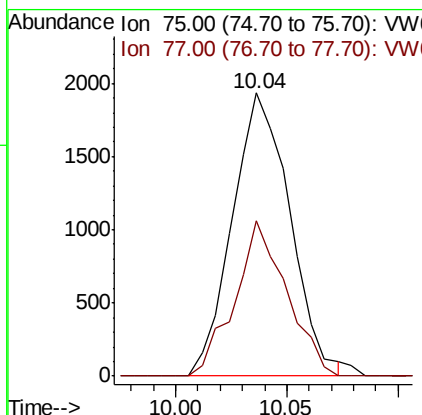
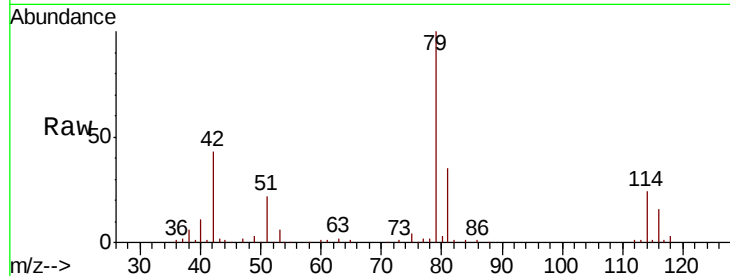




#42
 cis-1,3-Dichloropropene
 Concen: 0.432 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016235.D
 Acq: 18 Aug 2020 12:40

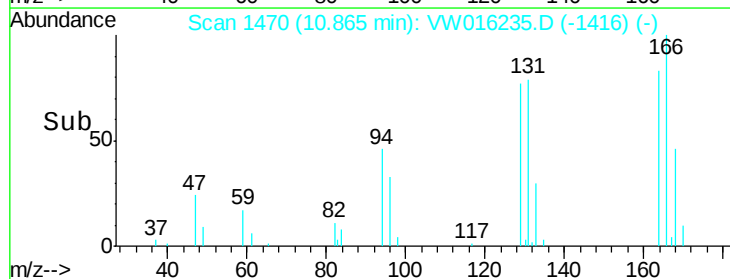
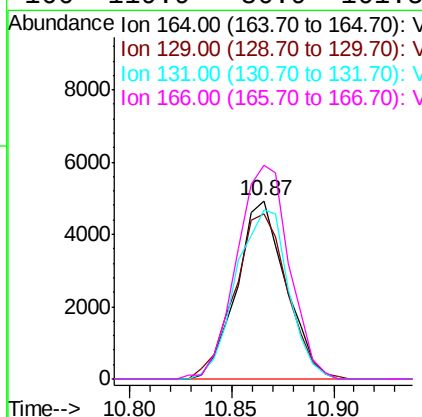
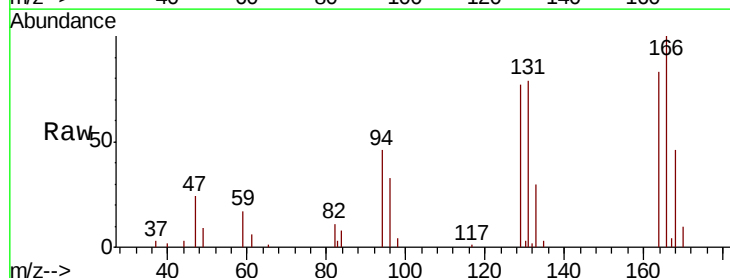
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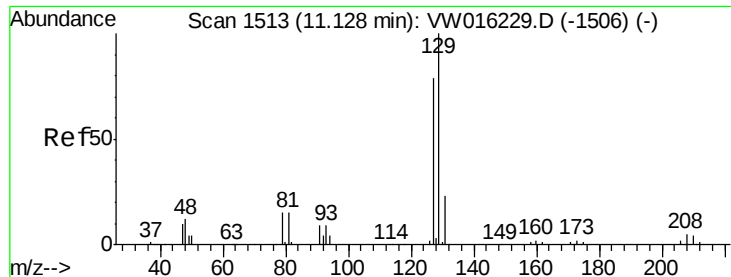
Tot Ion: 75 Resp: 3481
 Ion Ratio Lower Upper
 75 100
 77 55.0 22.9 42.5#



#47
 Tetrachloroethene
 Concen: 1.906 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016235.D
 Acq: 18 Aug 2020 12:40

Tgt Ion: 164 Resp: 8277
 Ion Ratio Lower Upper
 164 100
 129 92.8 71.5 132.9
 131 94.8 65.4 121.4
 166 119.9 86.9 161.5





#50

Dibromochloromethane

Concen: 1.679 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016235.D

Acq: 18 Aug 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

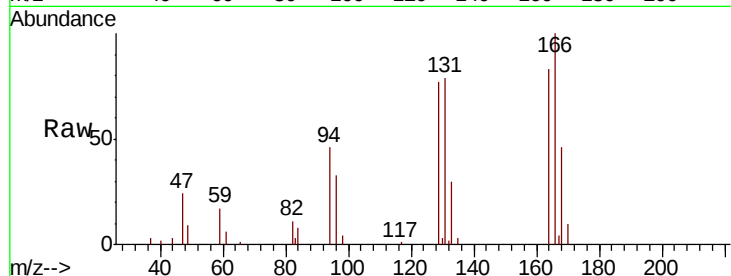
BFSQ8

Tot Ion:129 Resp: 8235

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

4000

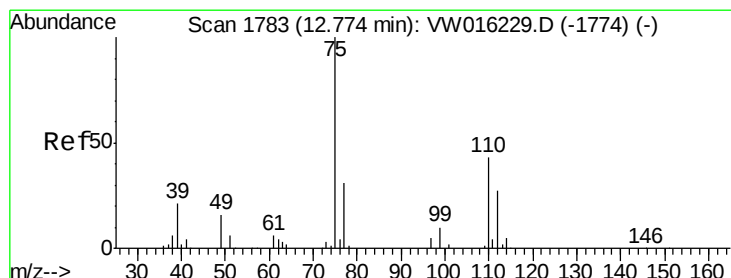
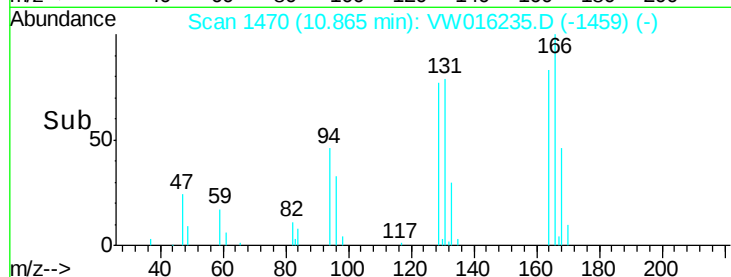
3000

2000

1000

0

Time--> 10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 4.801 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016235.D

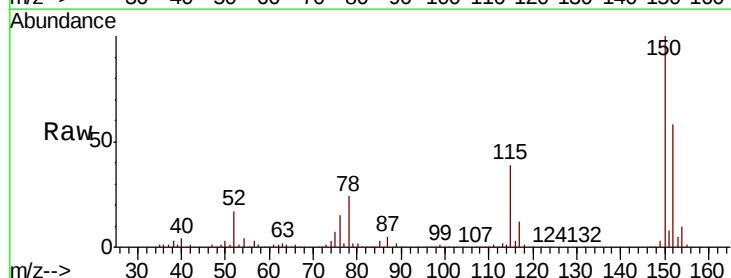
Acq: 18 Aug 2020 12:40

Tgt Ion: 75 Resp: 17671

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

12000

10000

8000

6000

4000

2000

0

Time--> 13.50 13.55 13.60

