

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016240.D
 Acq On : 18 Aug 2020 14:37
 Operator : SY/VA
 Sample : L3709-07
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR0

Quant Time: Aug 19 05:52:23 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	399135	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371573	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154773	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78197	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
7) Chloroethane-d5	2.90	69	63595	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.72%
10) 1,1-Dichloroethene-d2	4.01	63	132592	12.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.48%
20) 2-Butanone-d5	7.09	46	42494	32.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.26%
24) Chloroform-d	7.65	84	201122	18.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.12%
26) 1,2-Dichloroethane-d4	8.31	65	99364	17.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.84%#
29) Benzene-d6	8.27	84	389234	19.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.04%
33) 1,2-Dichloropropane-d6	9.28	67	116037	19.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.08%
37) Toluene-d8	10.33	98	346241	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.72%
38) trans-1,3-Dichloropropene-	10.58	79	45429	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.00%
39) 2-Hexanone-d5	10.93	63	35955	35.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90451	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	122334	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

Target Compounds

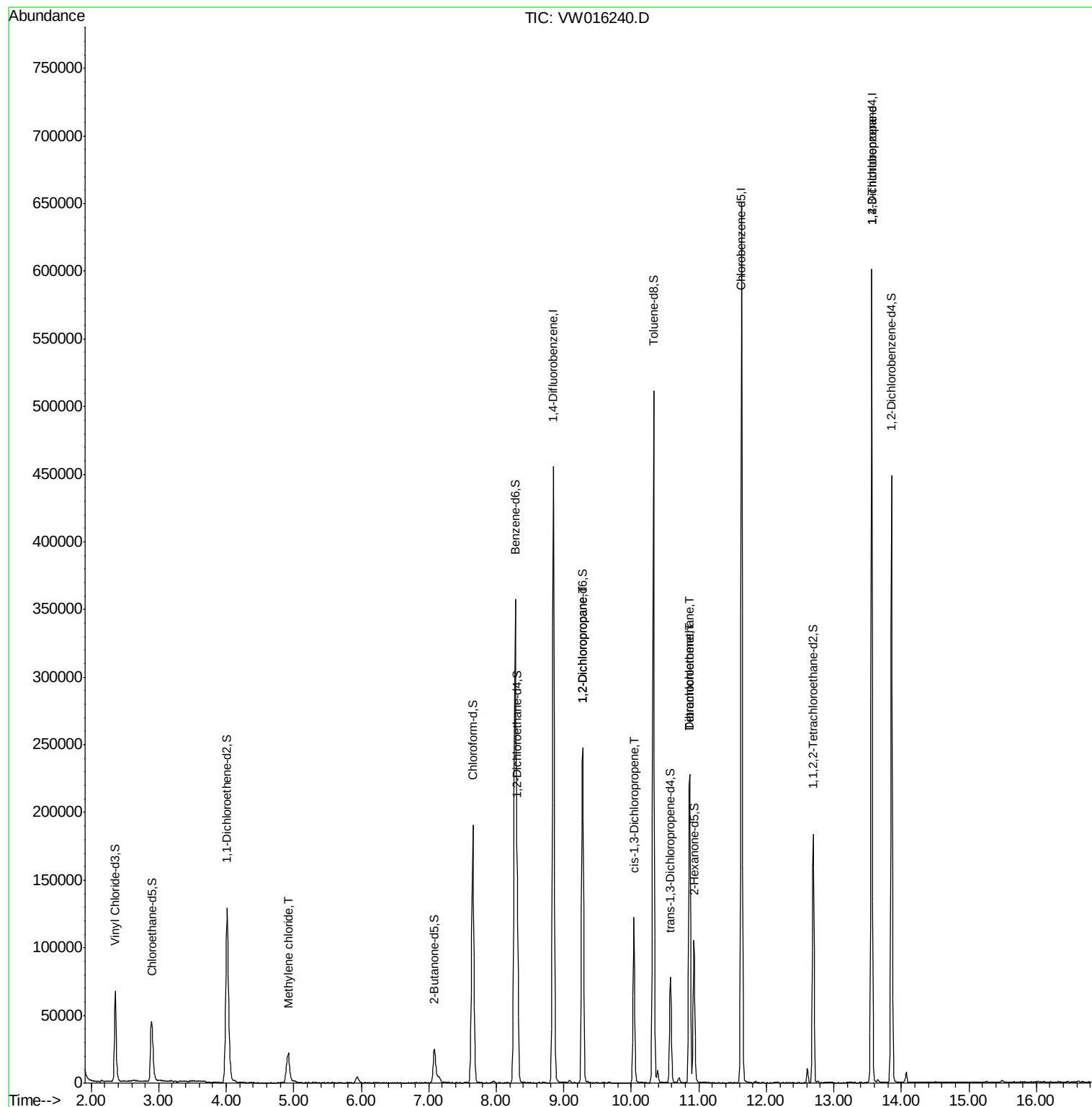
					Ovalue
16) Methylene chloride	4.92	84	19254	3.055 ug/L	86
40) 1,2-Dichloropropane	9.28	63	12788	2.430 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3032	0.378 ug/L #	66
47) Tetrachloroethene	10.86	164	54076	12.520 ug/L	97
50) Dibromochloromethane	10.87	129	52430	10.747 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	18509	5.055 ug/L	92

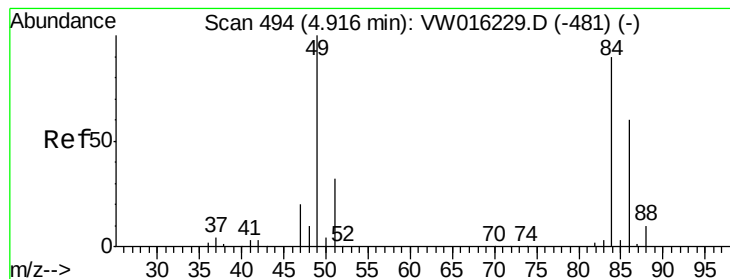
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081820\
Data File : VW016240.D
Acq On : 18 Aug 2020 14:37
Operator : SY/VA
Sample : L3709-07
Misc : 6.03G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSR0

Quant Time: Aug 19 05:52:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.055 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016240.D

Acq: 18 Aug 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

BFSR0

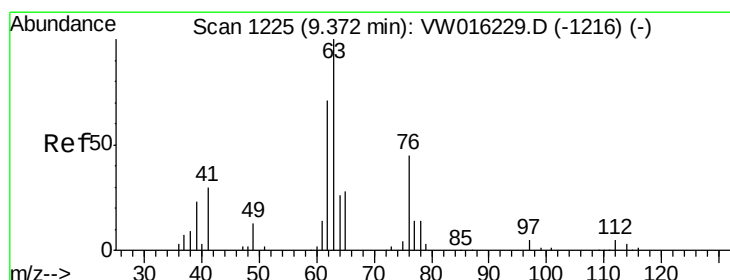
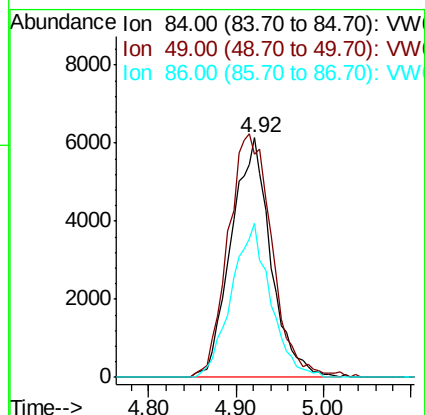
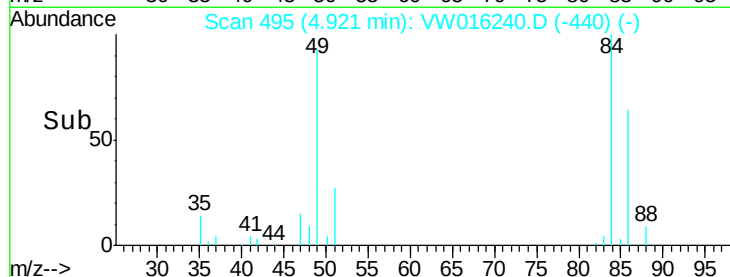
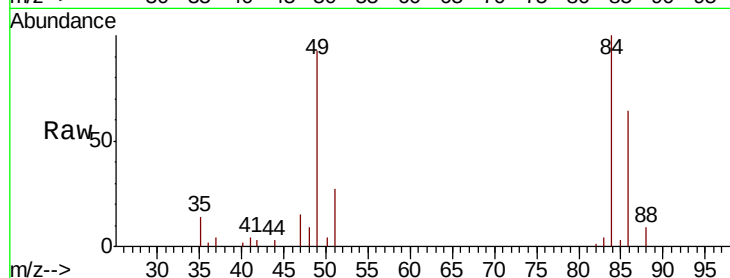
Tot Ion: 84 Resp: 19254

Ion Ratio Lower Upper

84 100

49 93.2 80.4 149.4

86 64.5 43.8 81.3



#40

1,2-Dichloropropane

Concen: 2.430 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016240.D

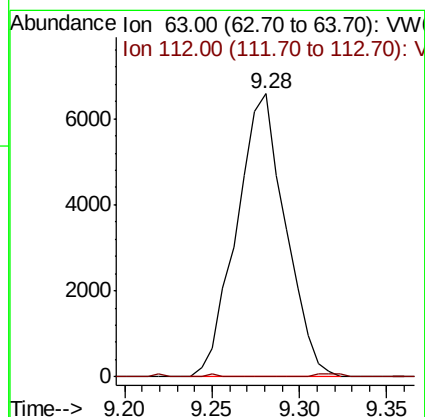
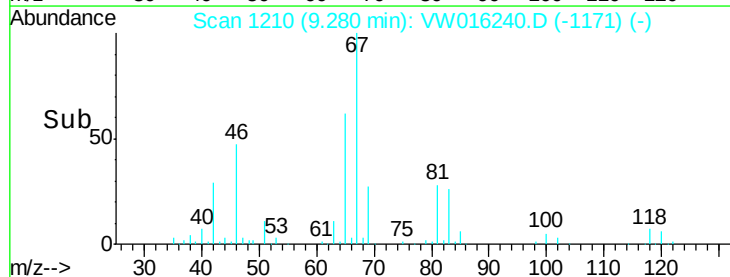
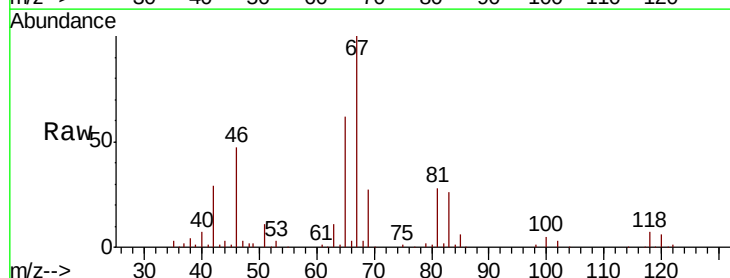
Acq: 18 Aug 2020 14:37

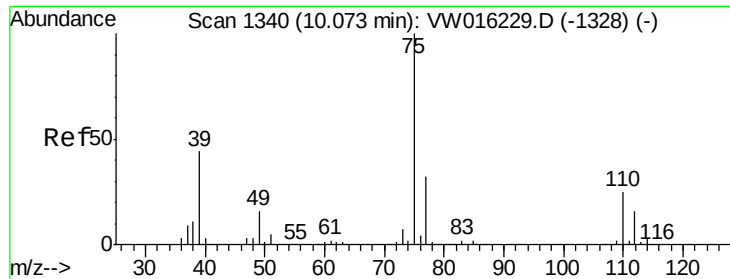
Tgt Ion: 63 Resp: 12788

Ion Ratio Lower Upper

63 100

112 0.5 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.378 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016240.D

Acq: 18 Aug 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

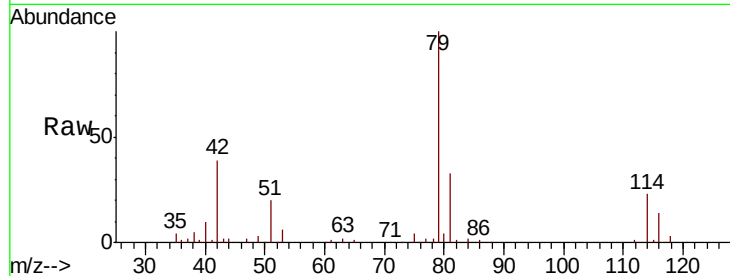
BFSR0

Tot Ion: 75 Resp: 3032

Ion Ratio Lower Upper

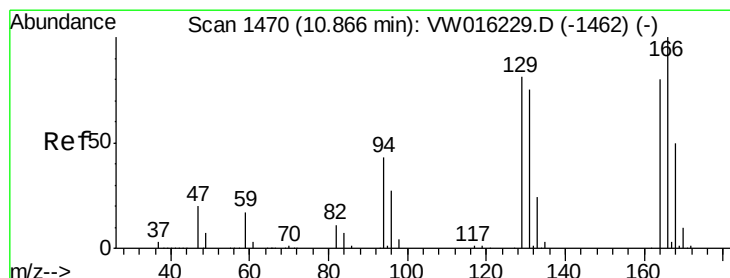
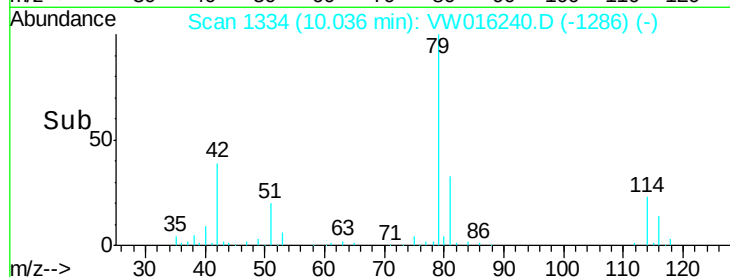
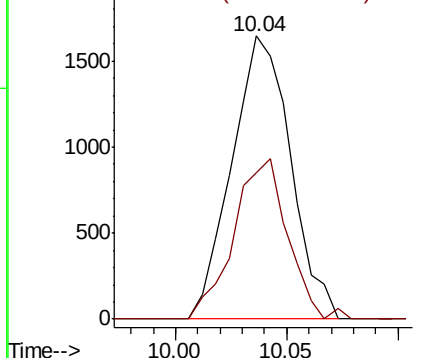
75 100

77 51.7 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 12.520 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016240.D

Acq: 18 Aug 2020 14:37

Tgt Ion:164 Resp: 54076

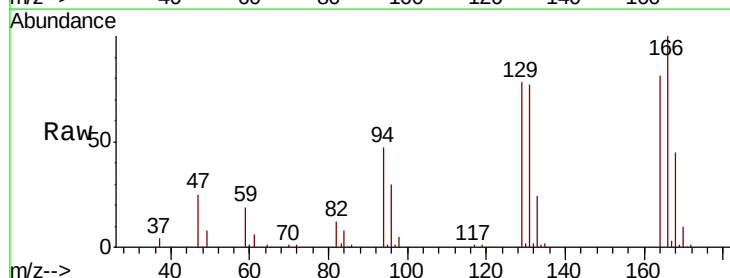
Ion Ratio Lower Upper

164 100

129 96.3 71.5 132.9

131 94.4 65.4 121.4

166 122.9 86.9 161.5

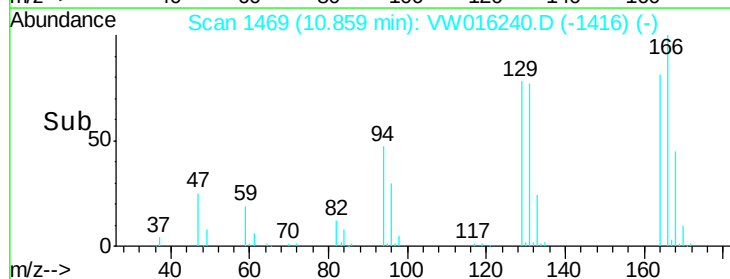
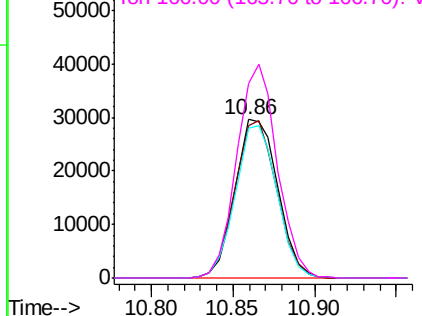


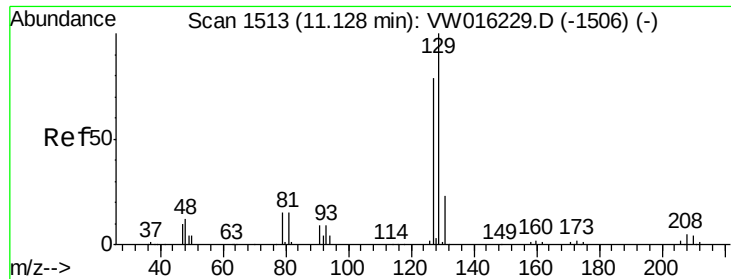
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#50

Dibromochloromethane

Concen: 10.747 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016240.D

Acq: 18 Aug 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

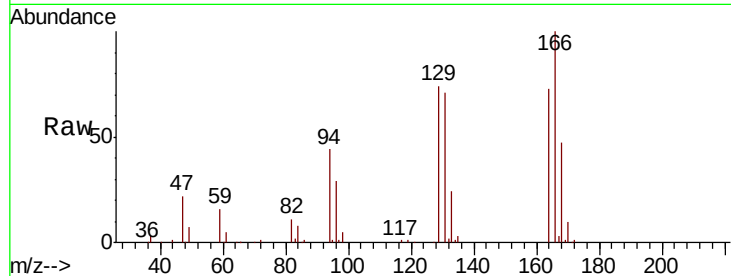
BFSR0

Tot Ion:129 Resp: 52430

Ion Ratio Lower Upper

129 100

127 0.2 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

30000

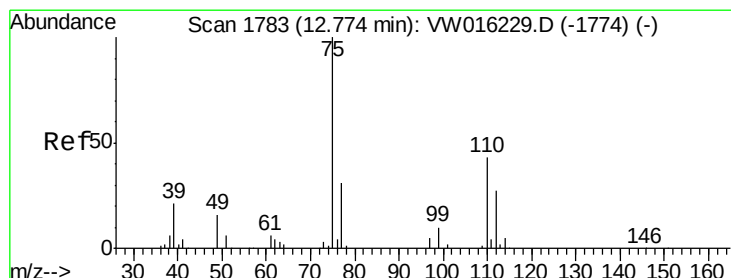
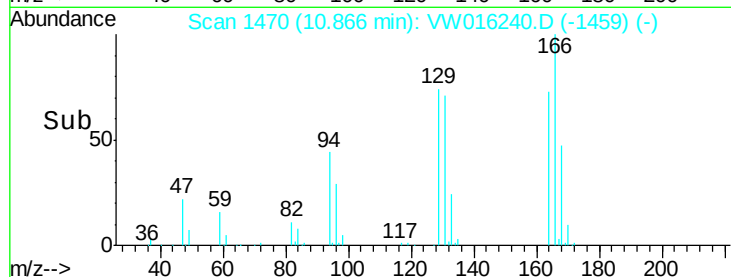
20000

10000

0

Time-->

10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 5.055 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016240.D

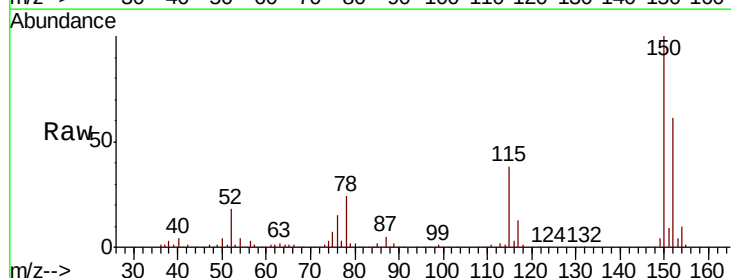
Acq: 18 Aug 2020 14:37

Tgt Ion: 75 Resp: 18509

Ion Ratio Lower Upper

75 100

77 36.7 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

10000

5000

0

Time-->

13.50 13.55 13.60

