

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016045.D
 Acq On : 06 Aug 2020 15:54
 Operator : SY/VA
 Sample : L3564-11
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM7

Quant Time: Aug 07 07:42:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370956	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331704	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151302	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78509	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.00%
7) Chloroethane-d5	2.89	69	66849	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.88%
10) 1,1-Dichloroethene-d2	4.01	63	135095	12.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.08%
20) 2-Butanone-d5	7.09	46	39601	28.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.60%
24) Chloroform-d	7.65	84	198446	19.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	8.31	65	95876	16.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.04%#
29) Benzene-d6	8.27	84	401884	19.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.60%
33) 1,2-Dichloropropane-d6	9.27	67	116576	19.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.04%
37) Toluene-d8	10.32	98	370475	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.04%
38) trans-1,3-Dichloropropene-	10.58	79	44894	17.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.60%
39) 2-Hexanone-d5	10.93	63	32129	31.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79894	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	129547	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds

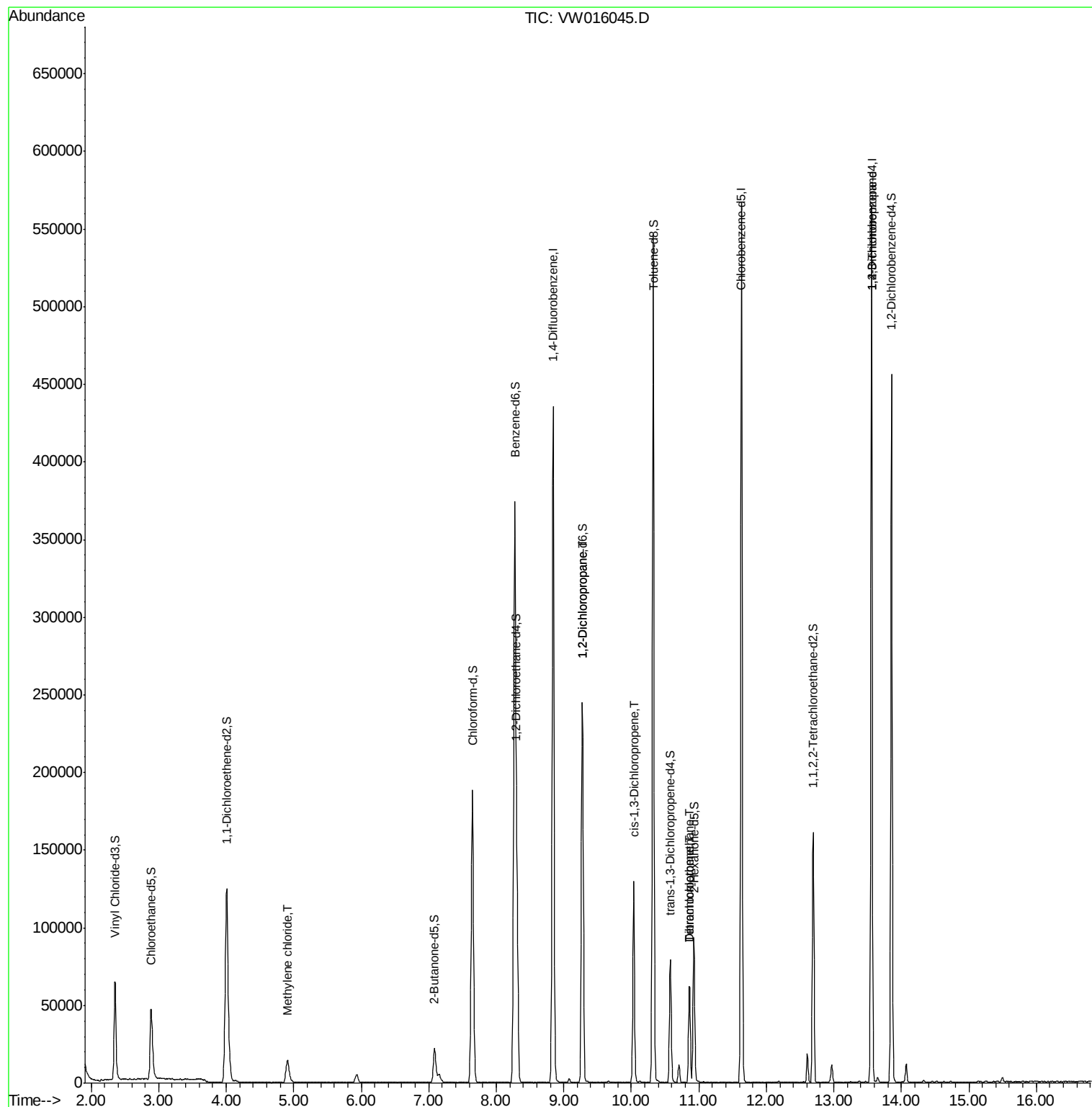
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	12865	2.116	ug/L	88
40) 1,2-Dichloropropane	9.27	63	12949	2.595	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3120	0.410	ug/L #	71
47) Tetrachloroethene	10.87	164	15370	3.716	ug/L	93
50) Dibromochloromethane	10.87	129	14167	3.410	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	16189	5.127	ug/L	89

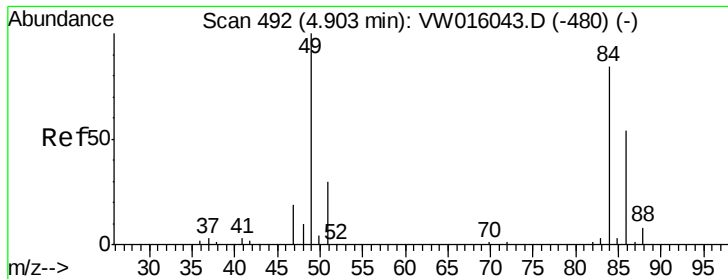
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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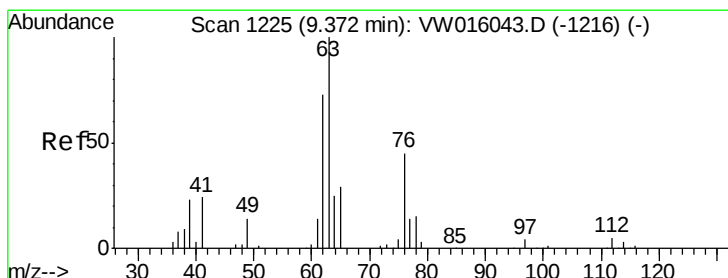
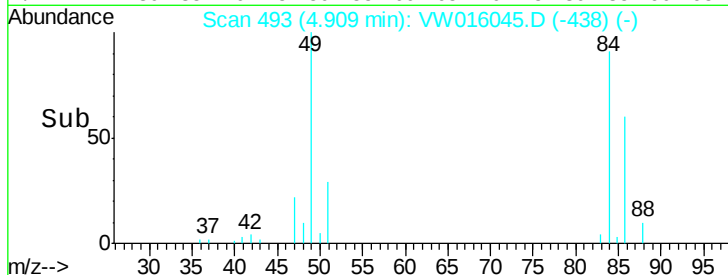
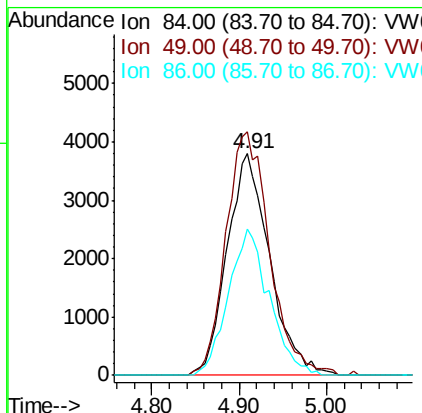
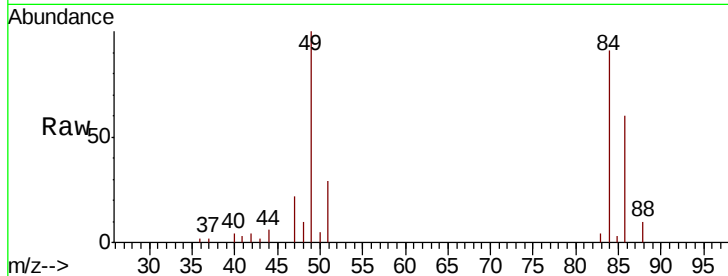




#16
Methvlene chloride
Concen: 2.116 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW016045.D
Acq: 06 Aug 2020 15:54

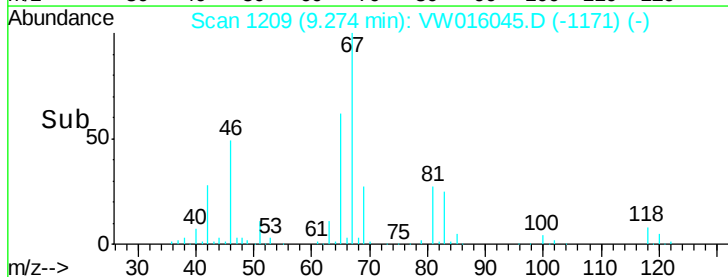
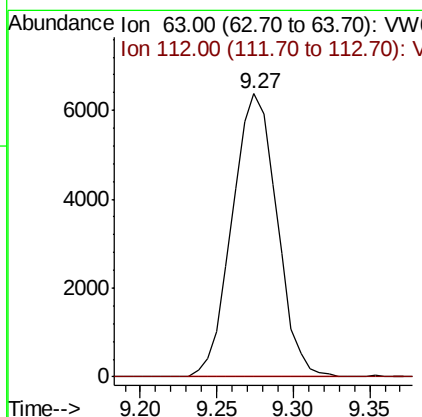
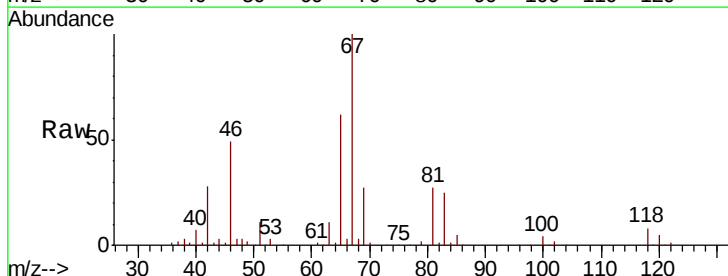
Instrument :
MSVOA_W
ClientSampleId :
BFSM7

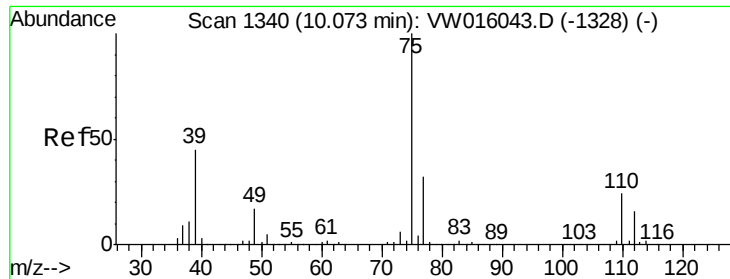
Tot Ion: 84 Resp: 12865
Ion Ratio Lower Upper
84 100
49 110.0 91.1 169.1
86 66.0 46.0 85.4



#40
1,2-Dichloropropane
Concen: 2.595 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016045.D
Acq: 06 Aug 2020 15:54

Tgt Ion: 63 Resp: 12949
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.410 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016045.D

Acq: 06 Aug 2020 15:54

Instrument :

MSVOA_W

ClientSampleId :

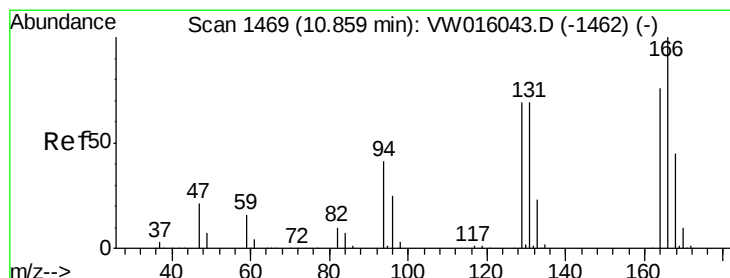
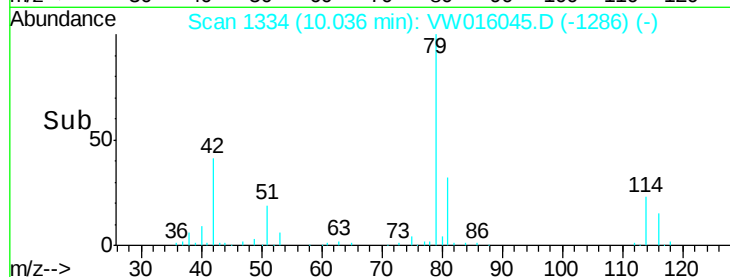
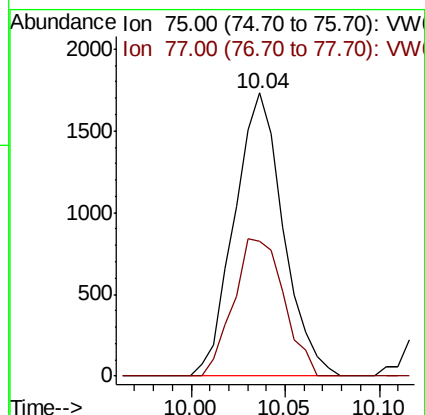
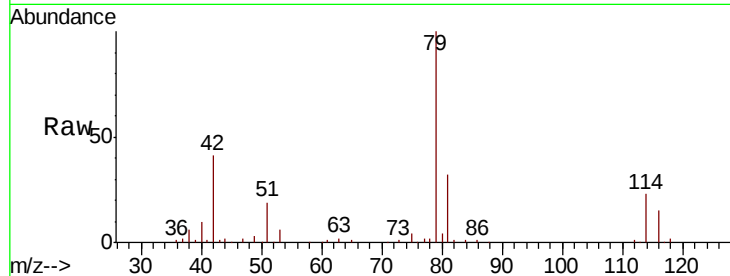
BFSM7

Tot Ion: 75 Resp: 3120

Ion Ratio Lower Upper

75 100

77 47.7 22.2 41.2#



#47

Tetrachloroethene

Concen: 3.716 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016045.D

Acq: 06 Aug 2020 15:54

Tgt Ion: 164 Resp: 15370

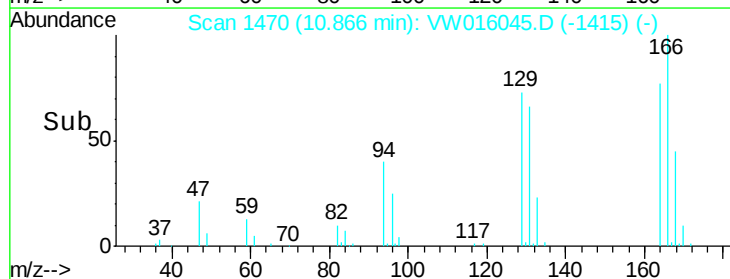
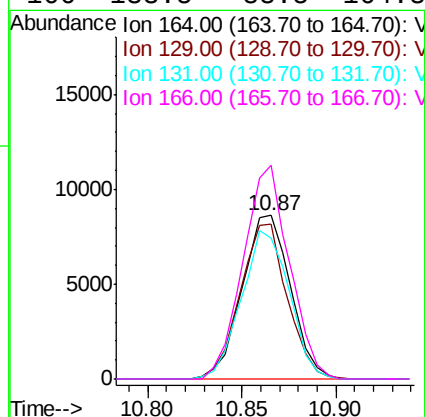
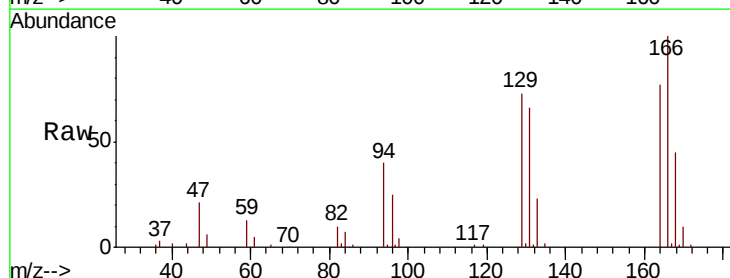
Ion Ratio Lower Upper

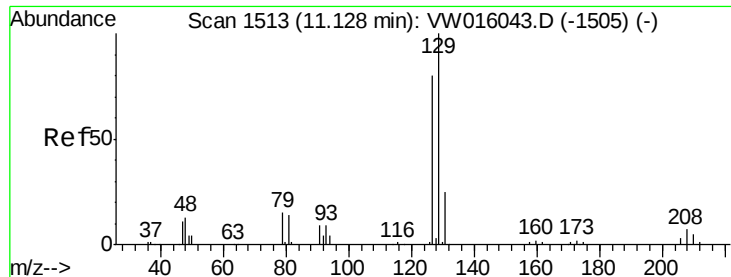
164 100

129 94.8 70.0 130.0

131 86.2 67.3 124.9

166 133.5 88.5 164.3





#50

Dibromochloromethane

Concen: 3.410 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016045.D

Acq: 06 Aug 2020 15:54

Instrument :

MSVOA_W

ClientSampleId :

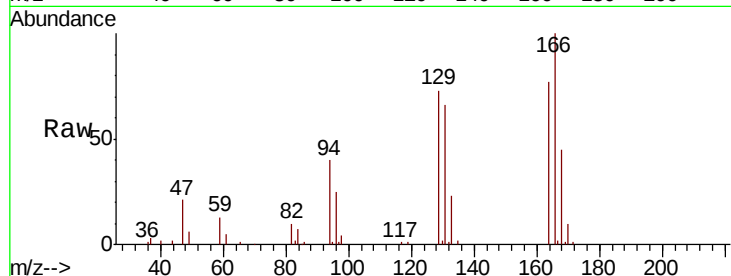
BFSM7

Tot Ion:129 Resp: 14167

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

8000

6000

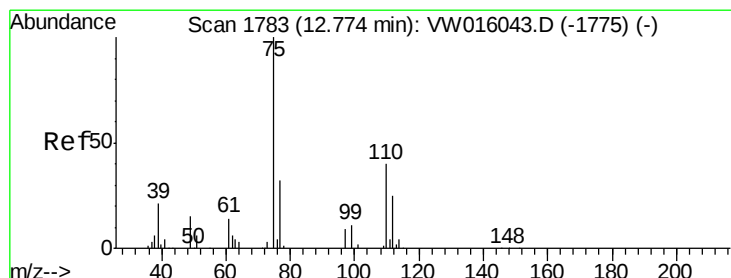
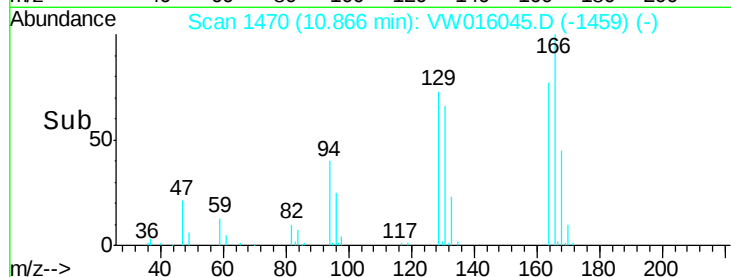
4000

2000

0

Time-->

10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 5.127 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016045.D

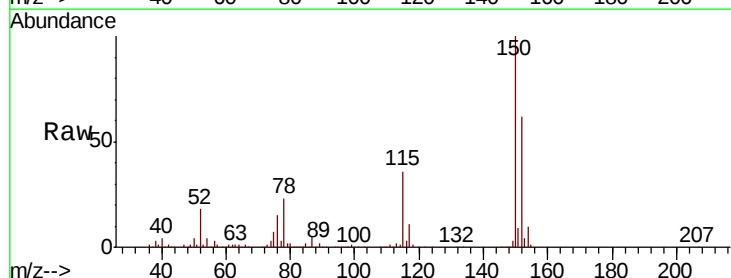
Acq: 06 Aug 2020 15:54

Tgt Ion: 75 Resp: 16189

Ion Ratio Lower Upper

75 100

77 38.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

12000 Ion 77.00 (76.70 to 77.70): VW

13.56

10000

8000

6000

4000

2000

0

Time-->

13.50 13.55 13.60

