

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016242.D
 Acq On : 18 Aug 2020 15:46
 Operator : SY/VA
 Sample : L3709-11
 Misc : 6.71G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ2

Quant Time: Aug 19 05:52:42 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	248949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	219701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58977	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	2.89	69	48358	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.01	63	99510	15.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.72%
20) 2-Butanone-d5	7.09	46	30979	38.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.28%
24) Chloroform-d	7.65	84	146273	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.30	65	71920	20.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.08%
29) Benzene-d6	8.27	84	275459	23.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.20%
33) 1,2-Dichloropropane-d6	9.27	67	83790	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	241378	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloropropene-	10.58	79	31928	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	25858	42.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64093	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	62057	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

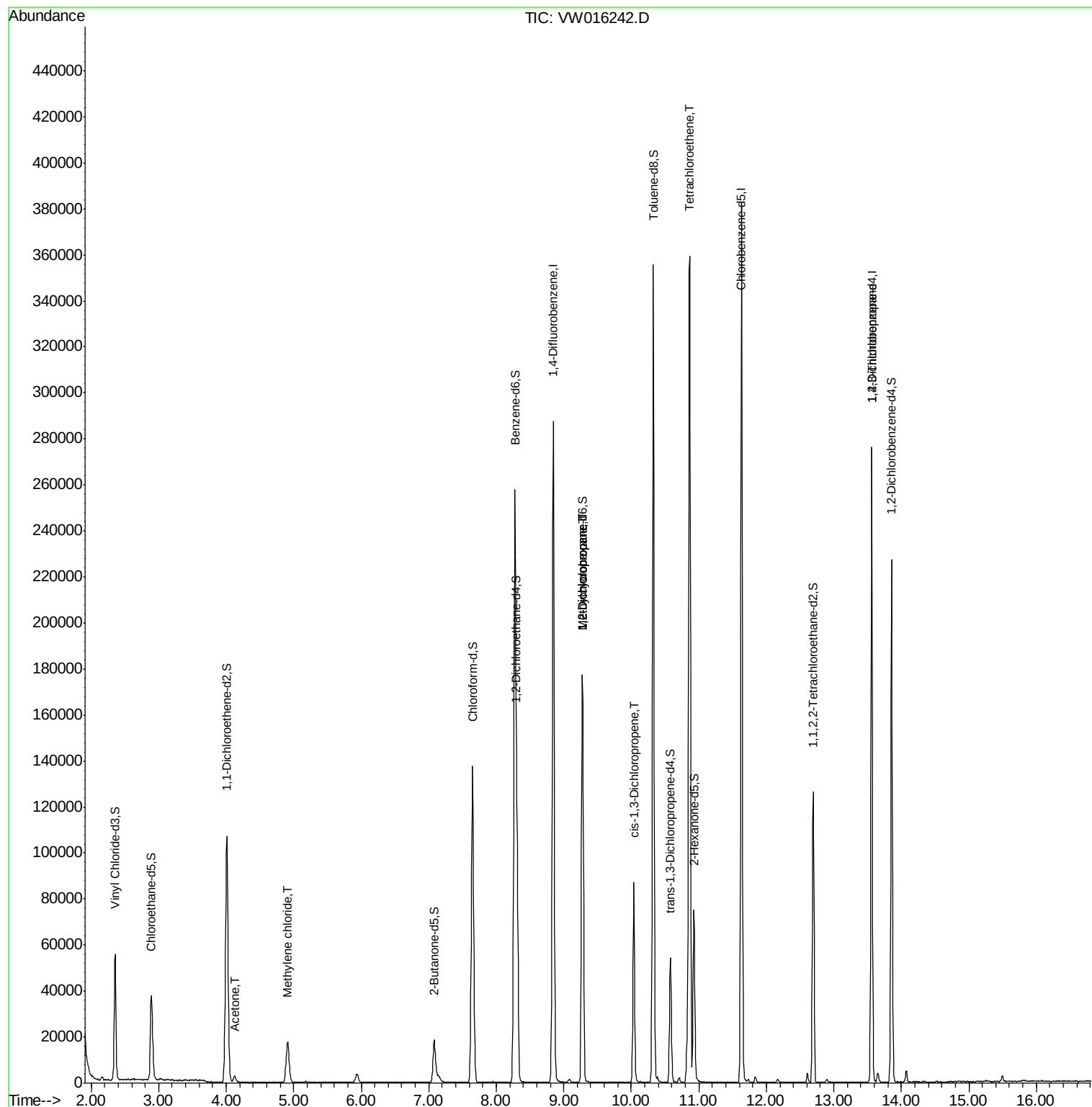
					Ovalue
13) Acetone	4.14	43	4716	7.676 ug/L	90
16) Methylene chloride	4.91	84	14250	3.625 ug/L	96
36) Methylcyclohexane	9.27	83	21801	3.885 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	9179	2.950 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2165	0.457 ug/L	97
47) Tetrachloroethene	10.87	164	85345	33.417 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	8001	3.696 ug/L	96

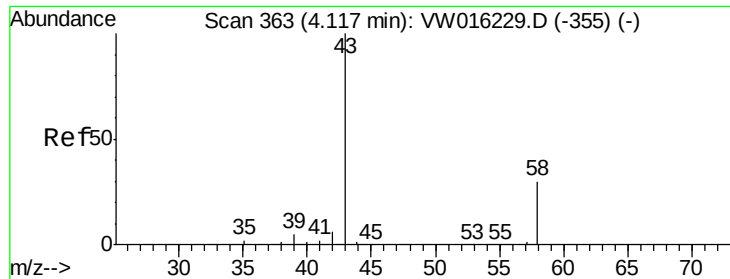
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.676 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW016242.D

Acq: 18 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampled :

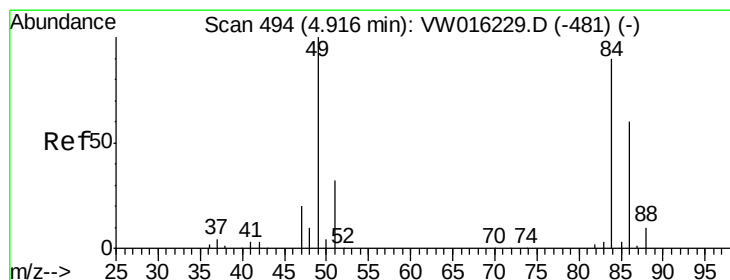
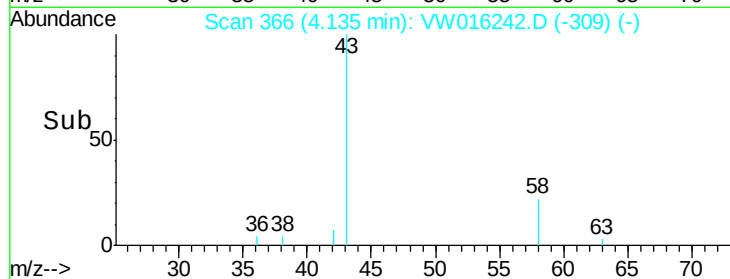
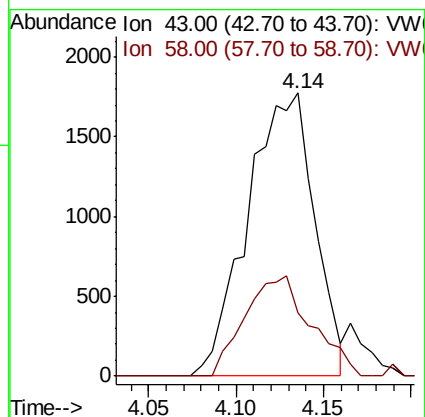
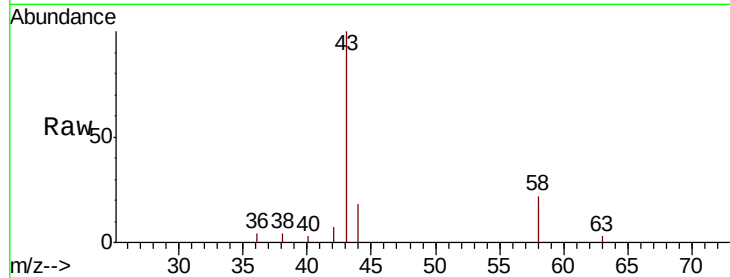
BFWQ2

Tot Ion: 43 Resp: 4716

Ion Ratio Lower Upper

43 100

58 35.1 0.0 59.4



#16

Methylene chloride

Concen: 3.625 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016242.D

Acq: 18 Aug 2020 15:46

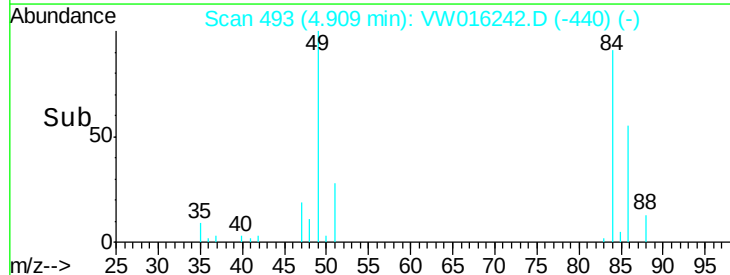
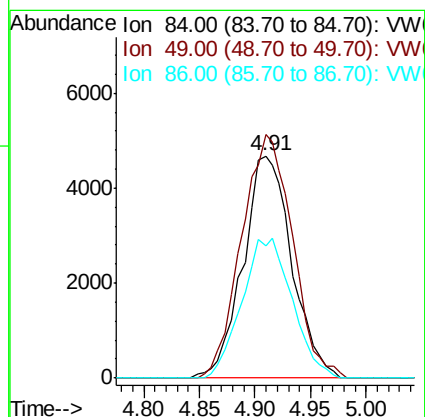
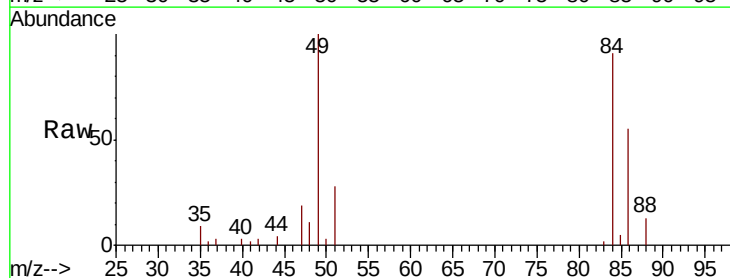
Tgt Ion: 84 Resp: 14250

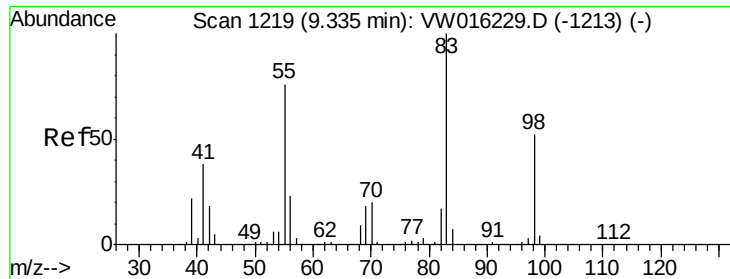
Ion Ratio Lower Upper

84 100

49 109.6 80.4 149.4

86 59.8 43.8 81.3

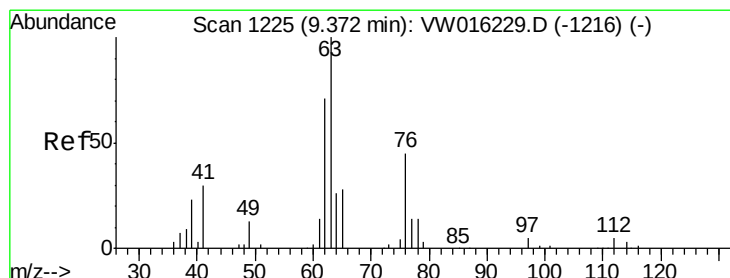
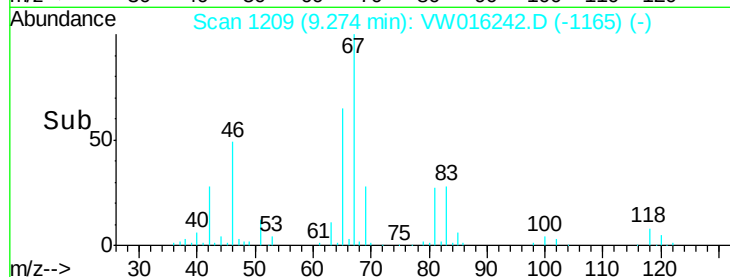
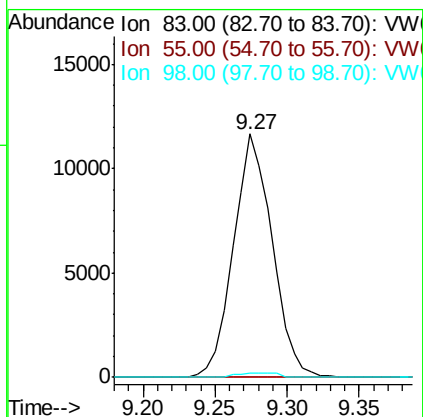
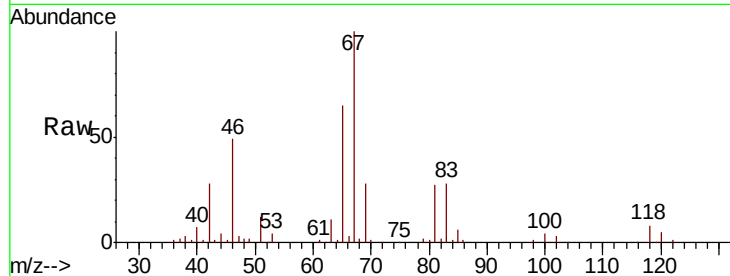




#36
Methylvlcyclohexane
Concen: 3.885 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016242.D
Acq: 18 Aug 2020 15:46

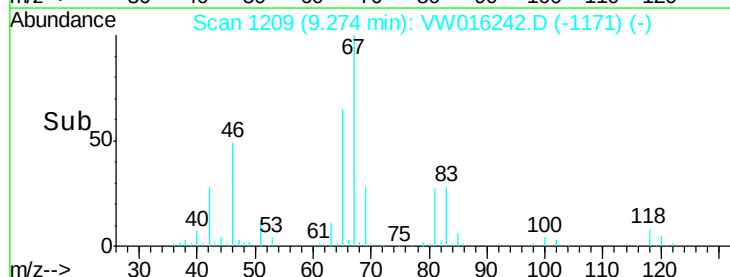
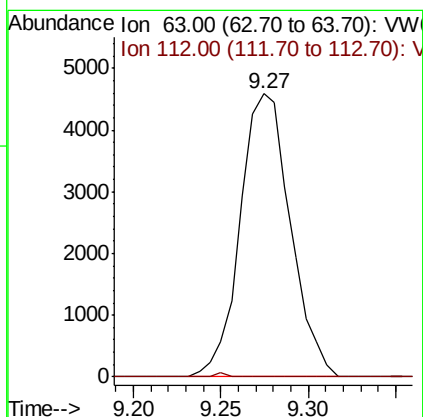
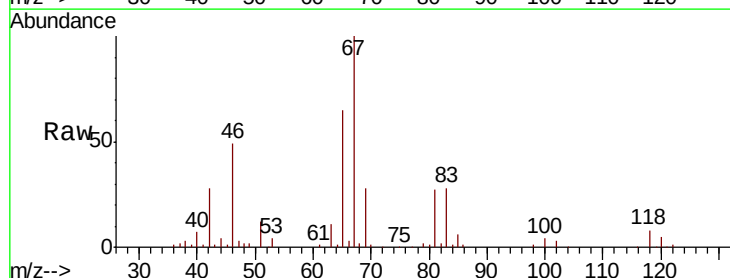
Instrument :
MSVOA_W
ClientSampleId :
BFWQ2

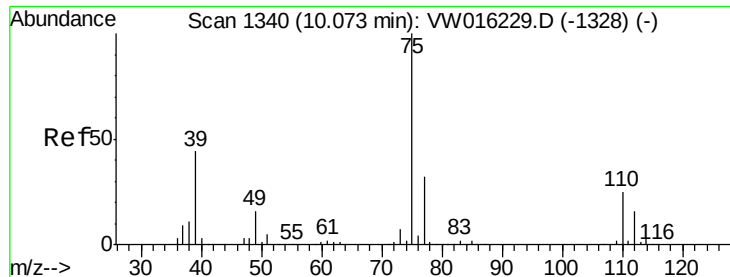
Tot Ion: 83 Resp: 21801
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.4 39.4 59.0#



#40
1,2-Dichloropropane
Concen: 2.950 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016242.D
Acq: 18 Aug 2020 15:46

Tgt Ion: 63 Resp: 9179
Ion Ratio Lower Upper
63 100
112 0.4 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016242.D

Acq: 18 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

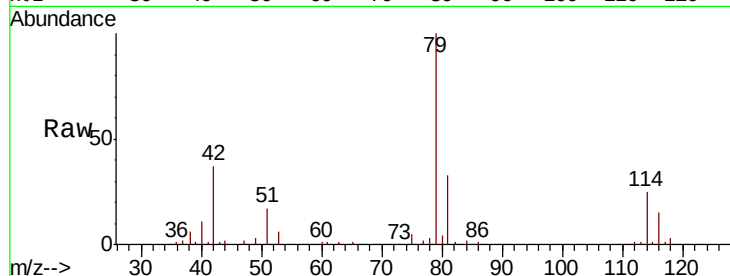
BFWQ2

Tot Ion: 75 Resp: 2165

Ion Ratio Lower Upper

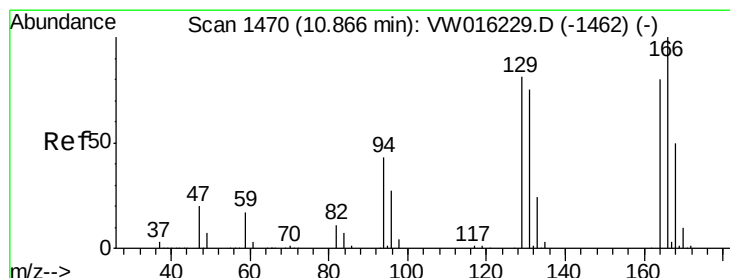
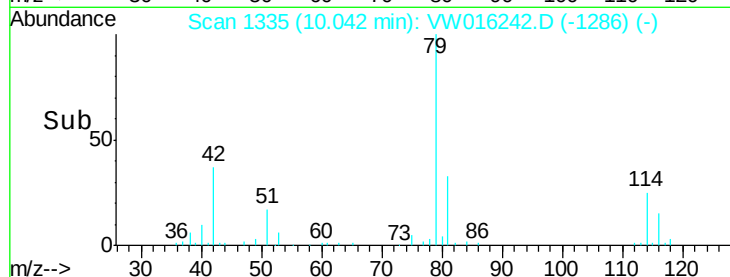
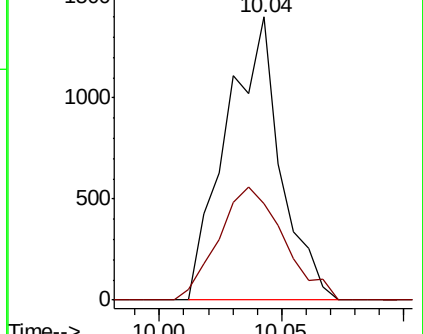
75 100

77 34.2 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: 33.417 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016242.D

Acq: 18 Aug 2020 15:46

Tgt Ion: 164 Resp: 85345

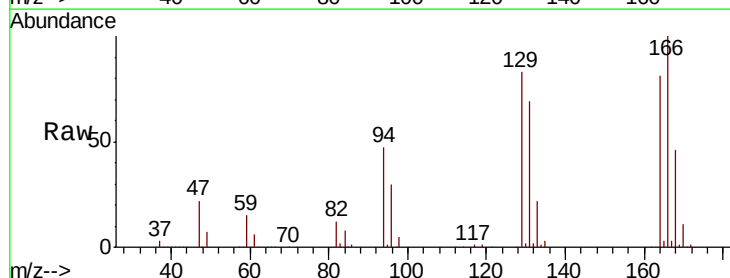
Ion Ratio Lower Upper

164 100

129 101.6 71.5 132.9

131 84.6 65.4 121.4

166 122.7 86.9 161.5

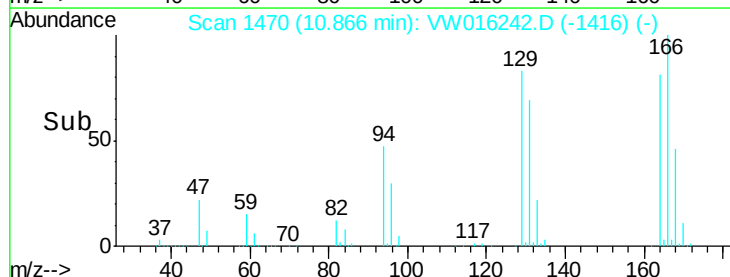
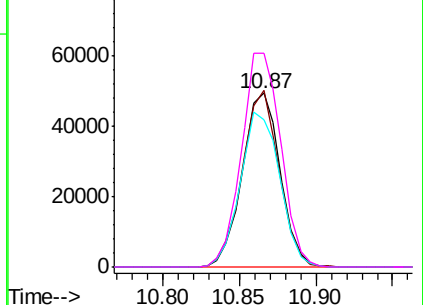


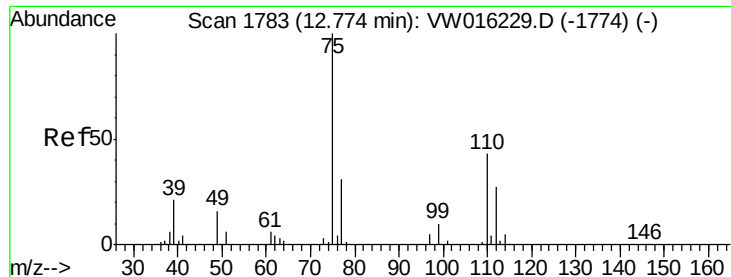
Abundance Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 3.696 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016242.D

Acq: 18 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

BFWQ2

Tot Ion: 75 Resp: 8001

Ion Ratio Lower Upper

75 100

77 34.9 25.9 38.9

