

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016226.D
 Acq On : 17 Aug 2020 18:21
 Operator : SY/VA
 Sample : L3702-19
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ4

Quant Time: Aug 18 03:24:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398580	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89269	18.06	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	2.90	69	71625	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	151527	14.44	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.76%
20) 2-Butanone-d5	7.09	46	45900	35.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.60%
24) Chloroform-d	7.65	84	221526	20.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.84%
26) 1,2-Dichloroethane-d4	8.31	65	110084	19.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.52%
29) Benzene-d6	8.27	84	429033	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.27	67	128889	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.33	98	377967	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.92%
38) trans-1,3-Dichloropropene-	10.58	79	49296	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	10.93	63	41850	42.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98462	21.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	112460	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

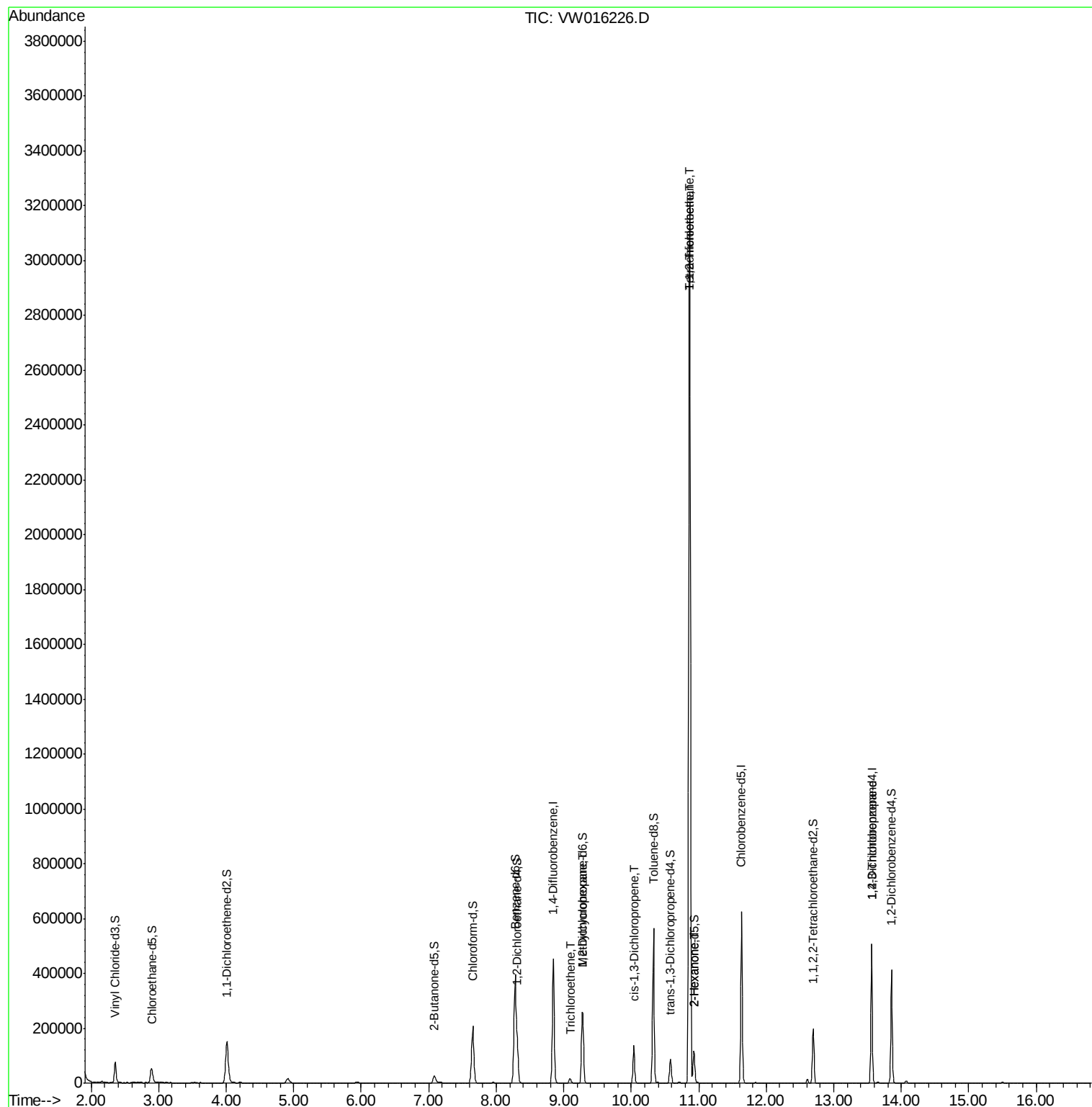
					Ovalue
35) Trichloroethene	9.10	95	5561	1.005 ug/L	97
36) Methylcyclohexane	9.27	83	33205	3.642 ug/L #	19
42) cis-1,3-Dichloropropene	10.04	75	3425	0.445 ug/L #	54
46) 1,1,2-Trichloroethane	10.86	97	5926	1.490 ug/L #	1
47) Tetrachloroethene	10.87	164	745726	179.759 ug/L	98
49) 2-Hexanone	10.93	43	4816	2.348 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	14999	4.265 ug/L	88

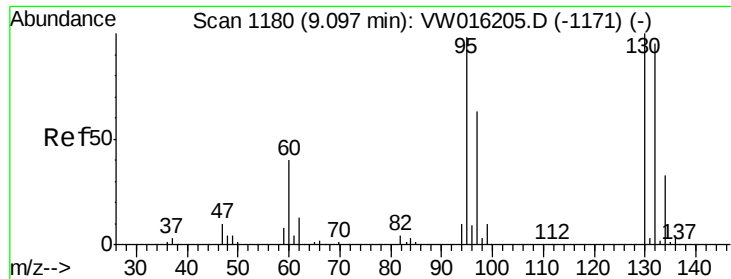
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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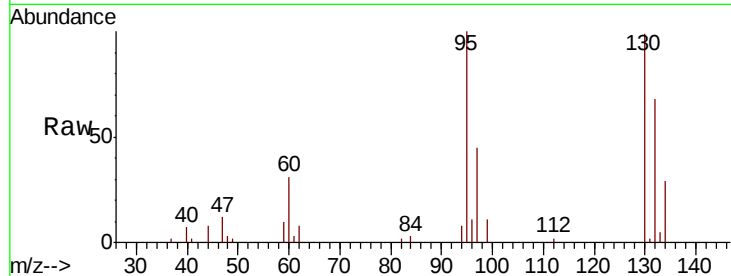




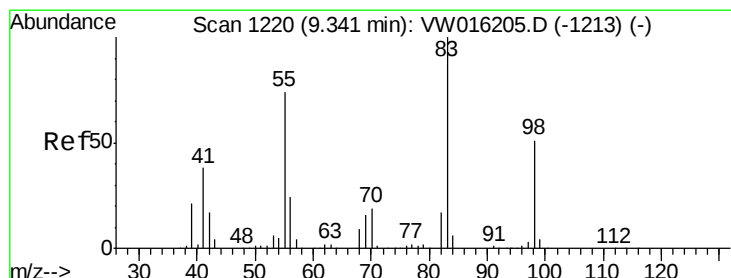
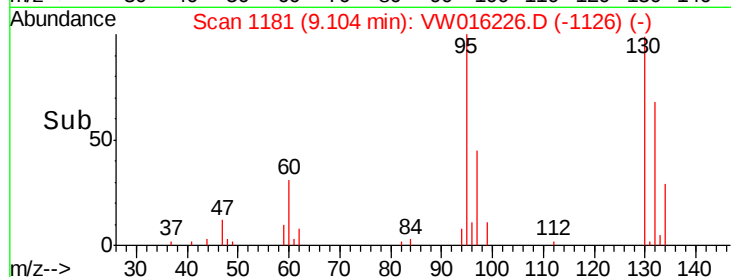
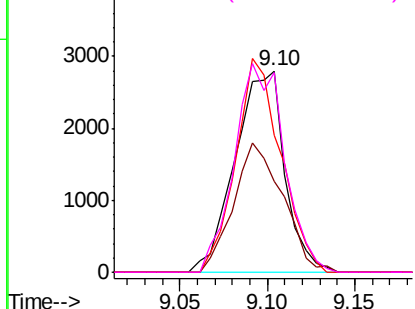
#35
 Trichloroethene
 Concen: 1.005 ug/L
 RT: 9.10 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VW016226.D
 Acq: 17 Aug 2020 18:21

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ4

Tot Ion: 95 Resp: 5561
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.9 83.3
 132 96.5 65.8 122.2
 130 104.1 69.5 129.1

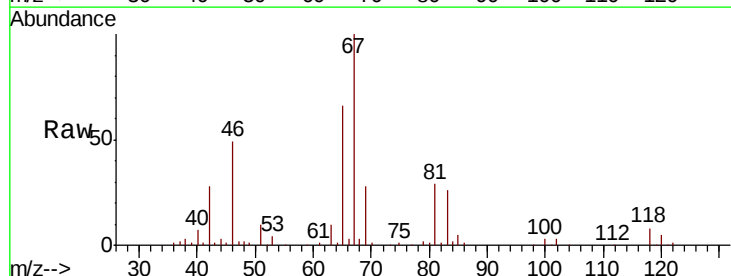


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

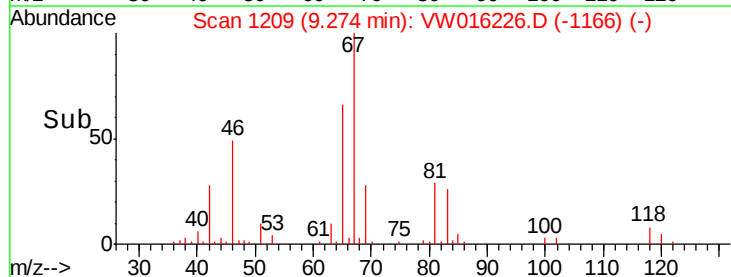
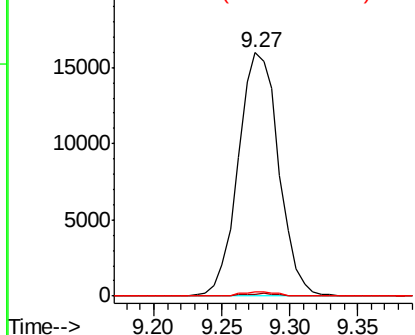


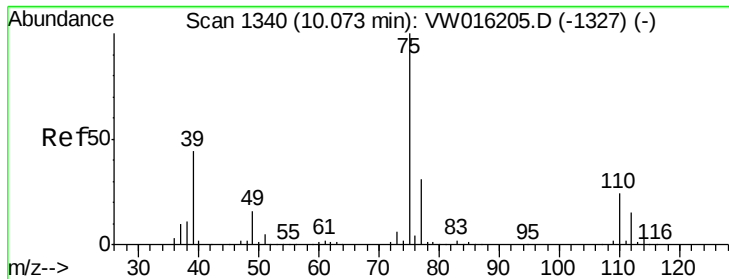
#36
 Methylcyclohexane
 Concen: 3.642 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.07 min
 Lab File: VW016226.D
 Acq: 17 Aug 2020 18:21

Tgt Ion: 83 Resp: 33205
 Ion Ratio Lower Upper
 83 100
 55 0.5 60.7 91.1#
 98 1.6 39.4 59.0#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016226.D

Acq: 17 Aug 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

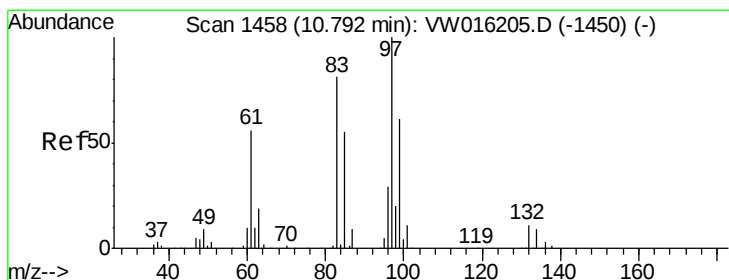
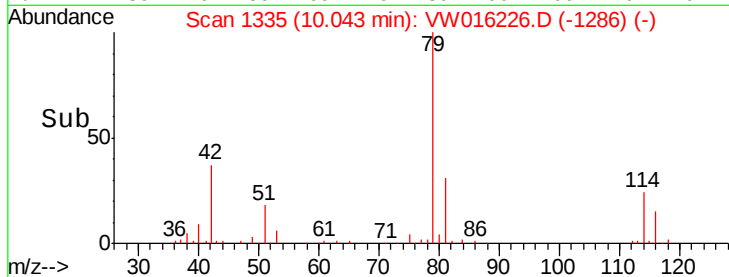
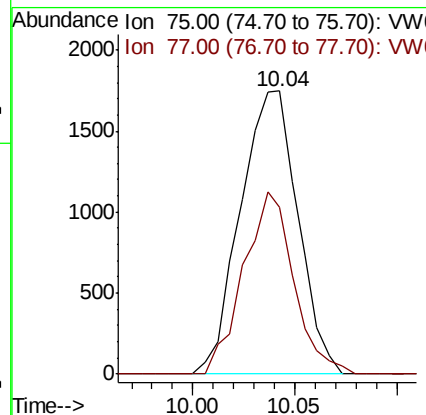
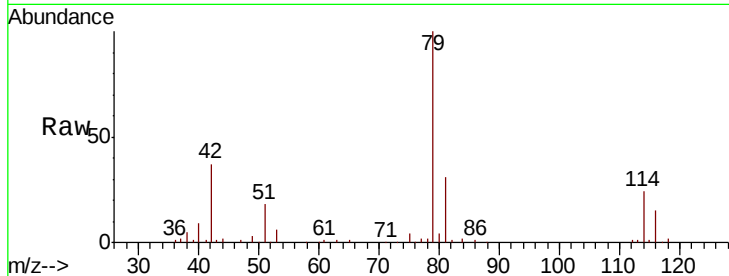
BFWQ4

Tot Ion: 75 Resp: 3425

Ion Ratio Lower Upper

75 100

77 58.8 22.9 42.5#



#46

1,1,2-Trichloroethane

Concen: 1.490 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW016226.D

Acq: 17 Aug 2020 18:21

Tgt Ion: 97 Resp: 5926

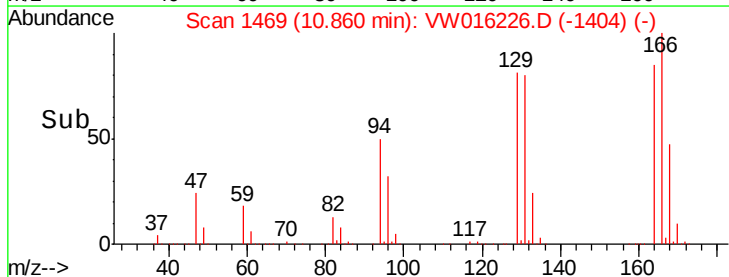
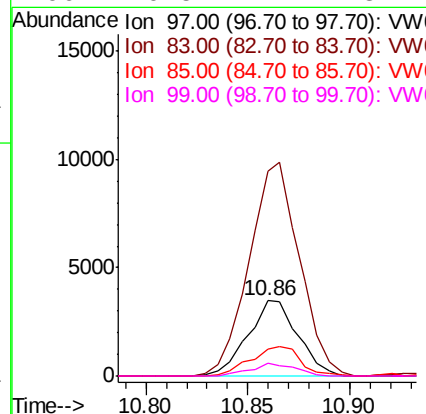
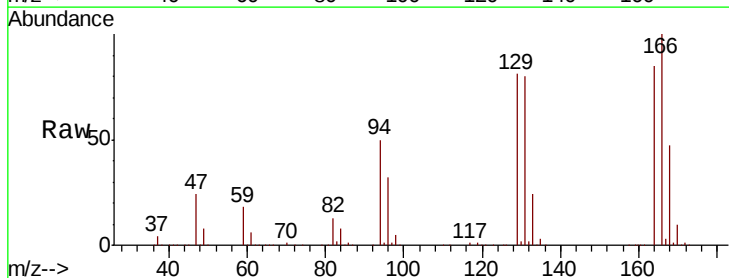
Ion Ratio Lower Upper

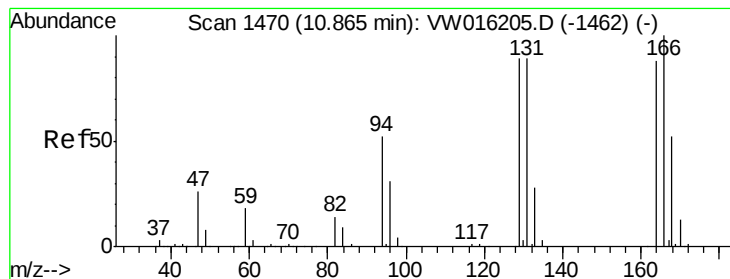
97 100

83 271.5 57.8 107.4#

85 36.4 38.0 70.6#

99 16.5 44.4 82.4#





#47

Tetrachloroethene

Concen: 179.759 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016226.D

Acq: 17 Aug 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

BFWQ4

Tot Ion:164 Resp: 745726

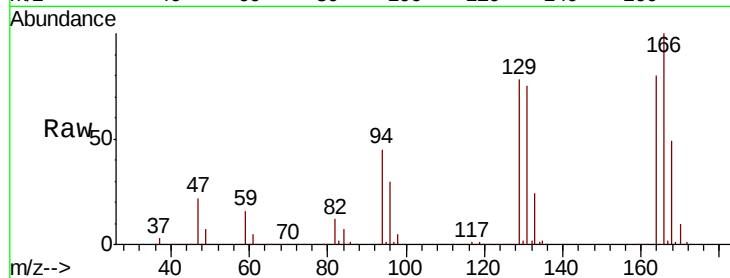
Ion Ratio Lower Upper

164 100

129 97.7 71.5 132.9

131 93.7 65.4 121.4

166 125.7 86.9 161.5

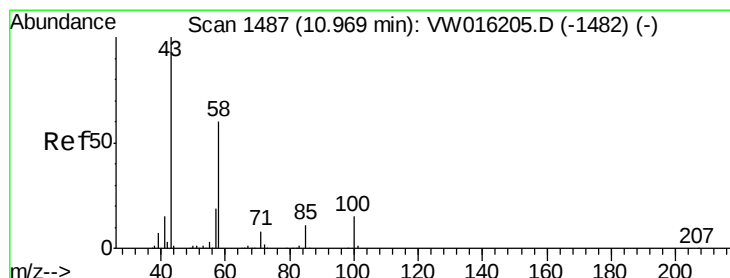
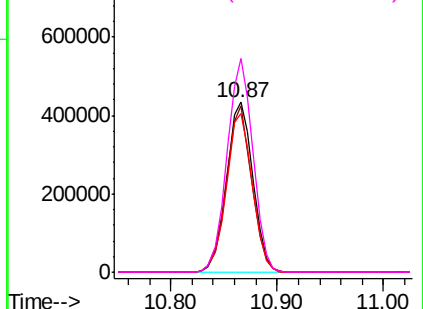
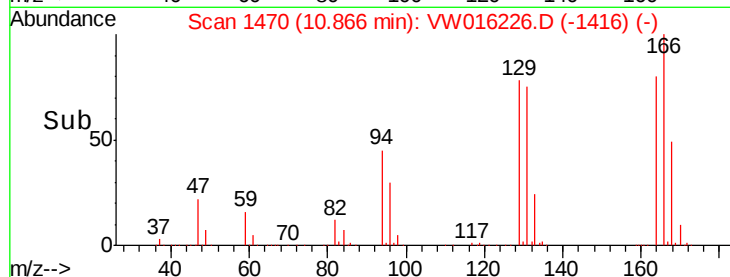


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 2.348 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016226.D

Acq: 17 Aug 2020 18:21

Tgt Ion: 43 Resp: 4816

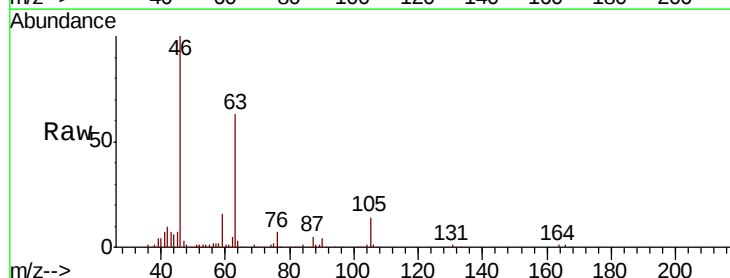
Ion Ratio Lower Upper

43 100

58 27.3 44.2 66.2#

57 28.2 15.8 23.6#

100 0.0 10.8 16.2#

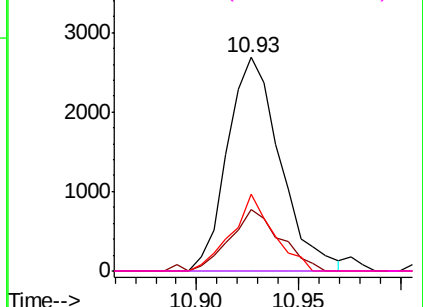
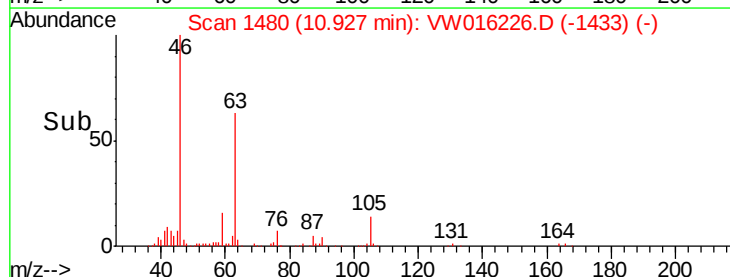


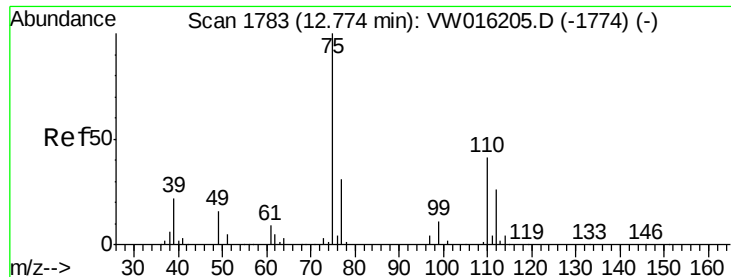
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 57.00 (56.70 to 57.70): V

Ion 100.00 (99.70 to 100.70): V





#59

1,2,3-Trichloropropane

Concen: 4.265 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016226.D

Acq: 17 Aug 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

BFWQ4

Tot Ion: 75 Resp: 14999

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9

