

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016238.D
 Acq On : 18 Aug 2020 13:50
 Operator : SY/VA
 Sample : L3709-09
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR2

Quant Time: Aug 19 05:52:04 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	432687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394548	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92853	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
7) Chloroethane-d5	2.89	69	75778	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	162418	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	7.09	46	46451	32.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.82%
24) Chloroform-d	7.65	84	242111	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	114234	18.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.08%
29) Benzene-d6	8.27	84	468369	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
33) 1,2-Dichloropropane-d6	9.27	67	138464	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.76%
37) Toluene-d8	10.33	98	427937	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	10.58	79	53348	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.24%
39) 2-Hexanone-d5	10.93	63	40802	37.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102622	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	143267	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds

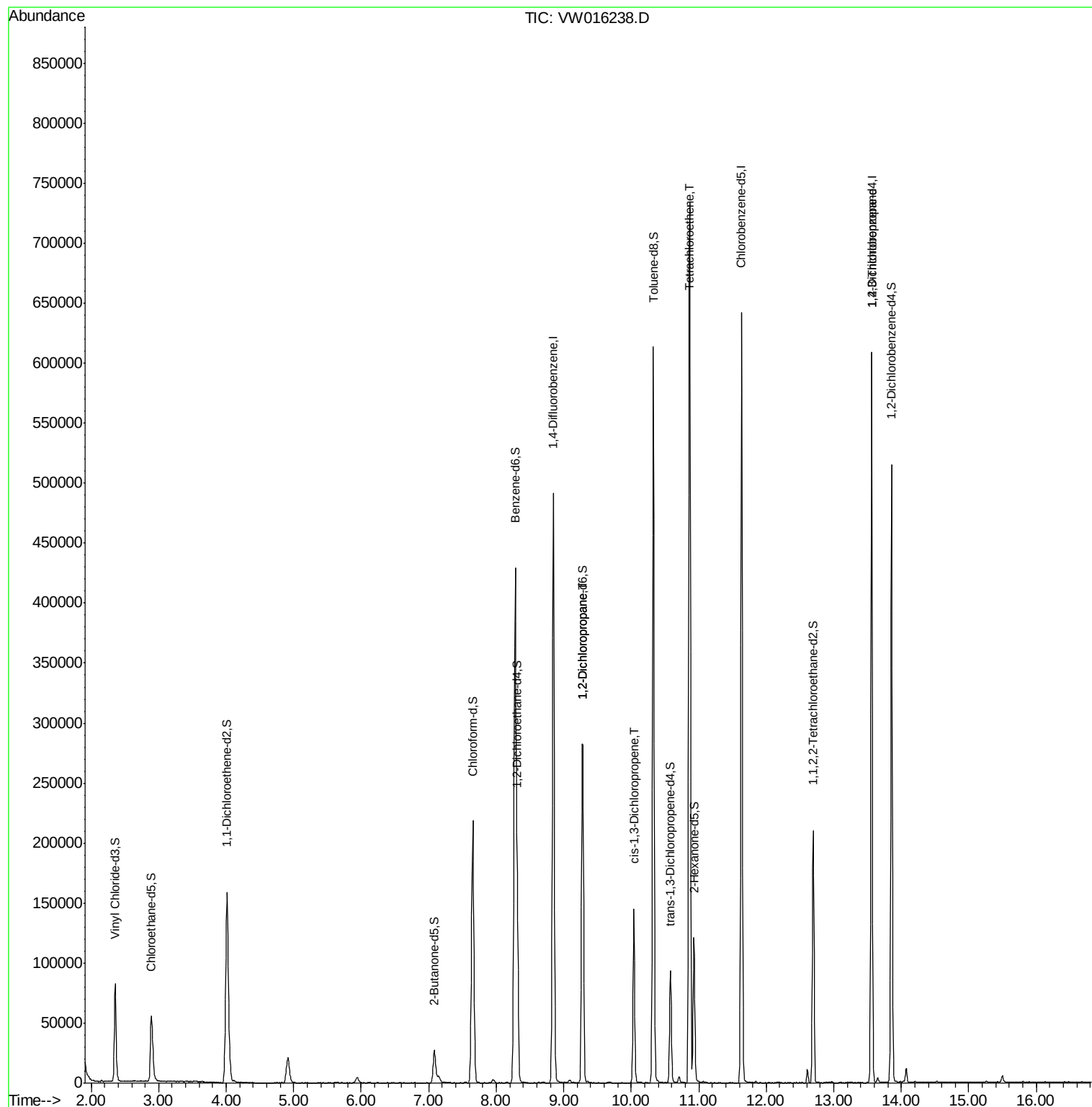
					Ovalue
40) 1,2-Dichloropropane	9.28	63	14835	2.655 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3667	0.431 ug/L #	60
47) Tetrachloroethene	10.87	164	168891	36.824 ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	18428	4.740 ug/L	95

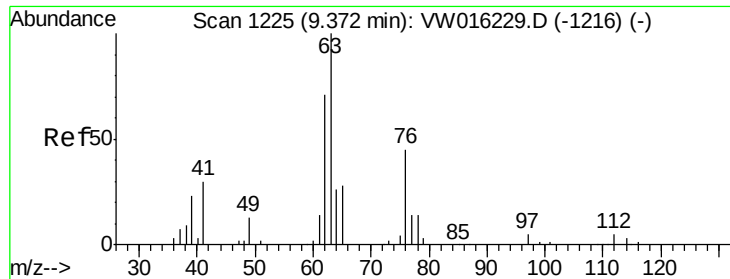
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 2.655 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016238.D

Acq: 18 Aug 2020 13:50

Instrument :

MSVOA_W

ClientSampled :

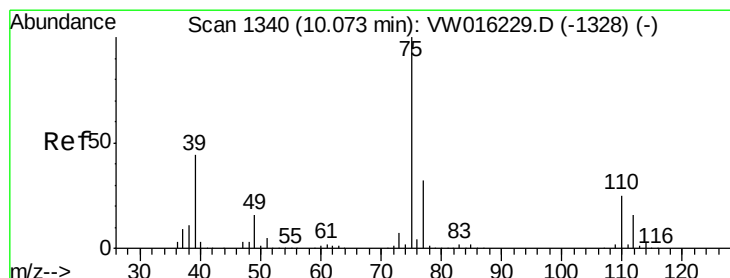
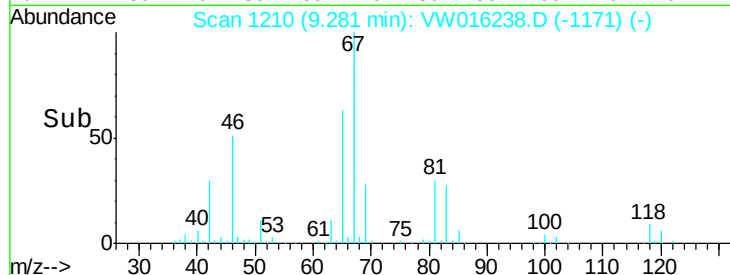
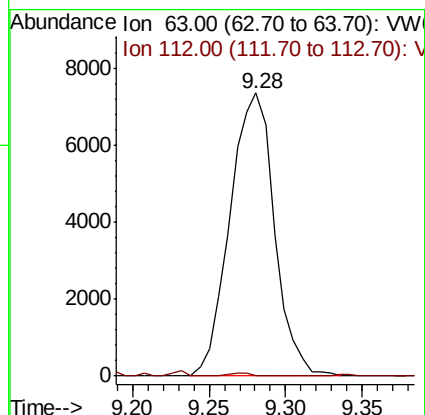
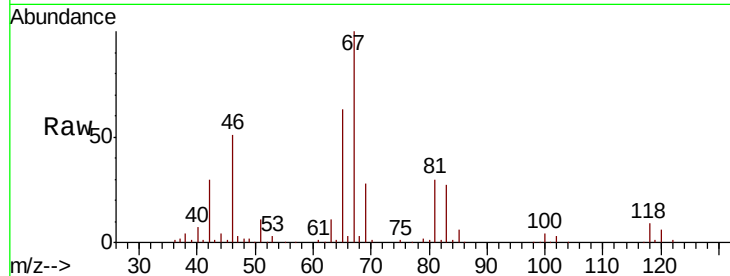
BFSR2

Tot Ion: 63 Resp: 14835

Ion Ratio Lower Upper

63 100

112 0.5 4.0 6.0#



#42

cis-1,3-Dichloropropene

Concen: 0.431 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016238.D

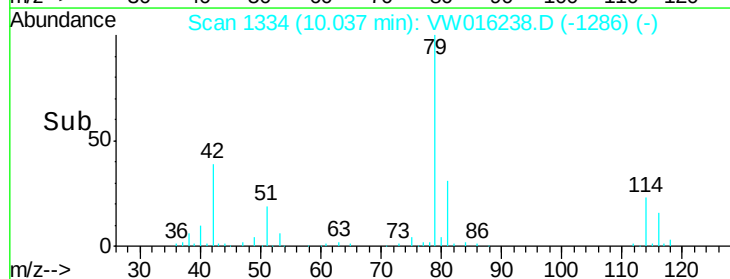
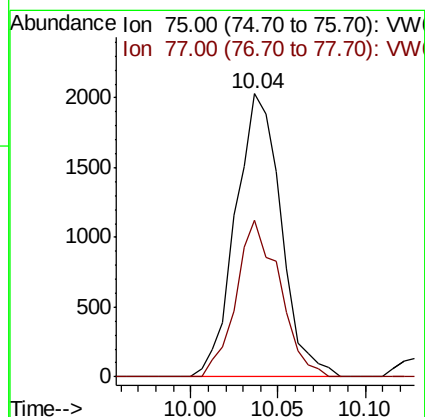
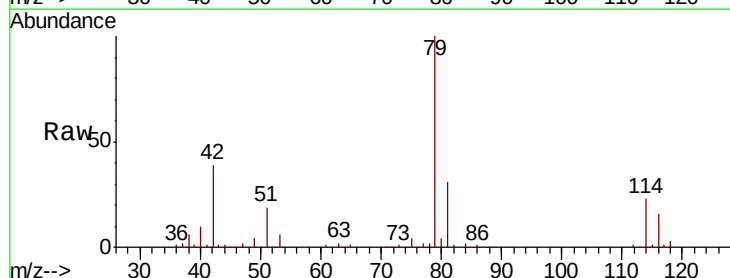
Acq: 18 Aug 2020 13:50

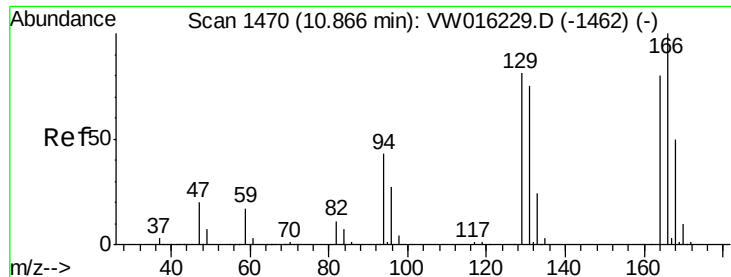
Tgt Ion: 75 Resp: 3667

Ion Ratio Lower Upper

75 100

77 55.3 22.9 42.5#

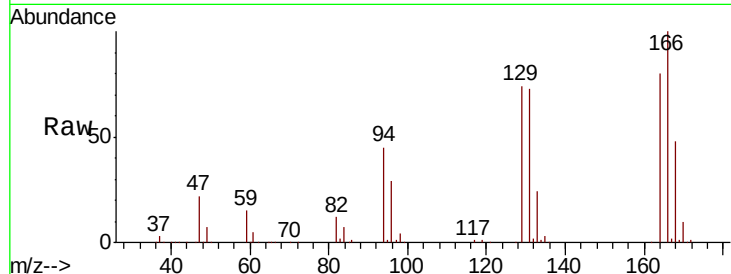




#47
Tetrachloroethene
Concen: 36.824 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016238.D
Acq: 18 Aug 2020 13:50

Instrument :
MSVOA_W
ClientSampleId :
BFSR2

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.1	71.5	132.9
131	91.0	65.4	121.4
166	125.1	86.9	161.5



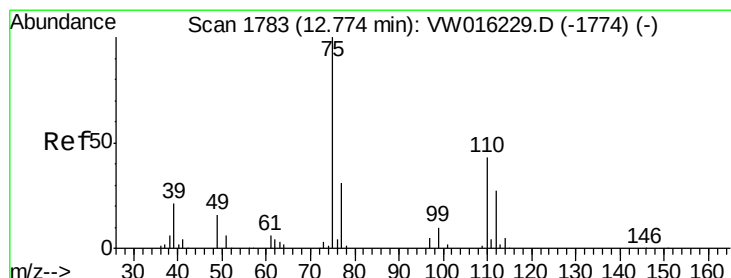
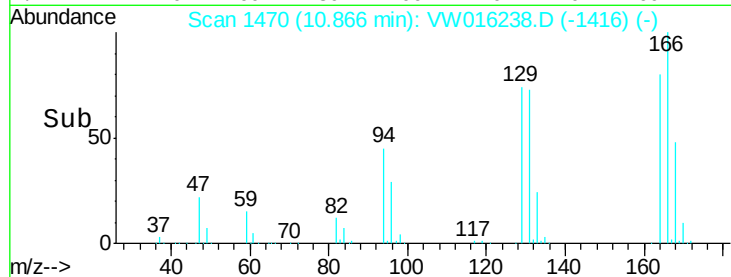
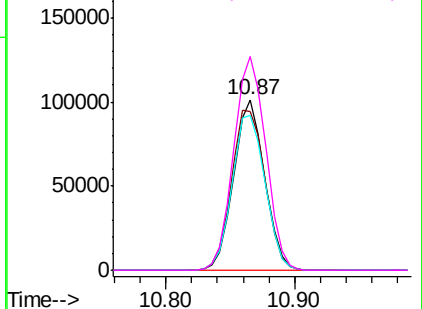
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

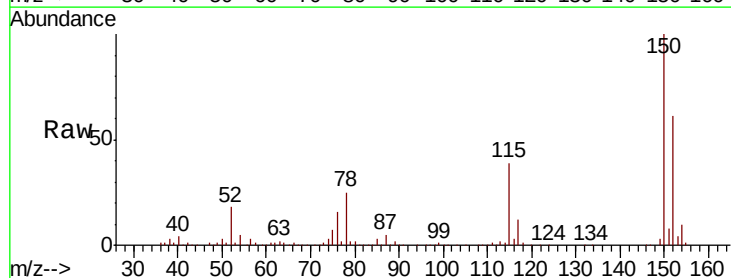
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.740 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016238.D
Acq: 18 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.9	38.9



Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

