

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080520\
 Data File : VW016041.D
 Acq On : 05 Aug 2020 14:06
 Operator : SY/VA
 Sample : L3564-03
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN4

Quant Time: Aug 06 02:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 05 03:09:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305734	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	250520	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105211	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54213	12.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.28%
7) Chloroethane-d5	2.89	69	51317	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
10) 1,1-Dichloroethene-d2	4.01	63	105917	12.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.56%
20) 2-Butanone-d5	7.09	46	41143	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
24) Chloroform-d	7.65	84	161483	18.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.24%
26) 1,2-Dichloroethane-d4	8.31	65	88204	18.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.84%
29) Benzene-d6	8.27	84	319691	20.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.84%
33) 1,2-Dichloropropane-d6	9.28	67	97140	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.00%
37) Toluene-d8	10.32	98	283608	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.12%
38) trans-1,3-Dichloropropene-	10.58	79	37084	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.12%
39) 2-Hexanone-d5	10.93	63	35161	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	76901	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	86568	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

Target Compounds

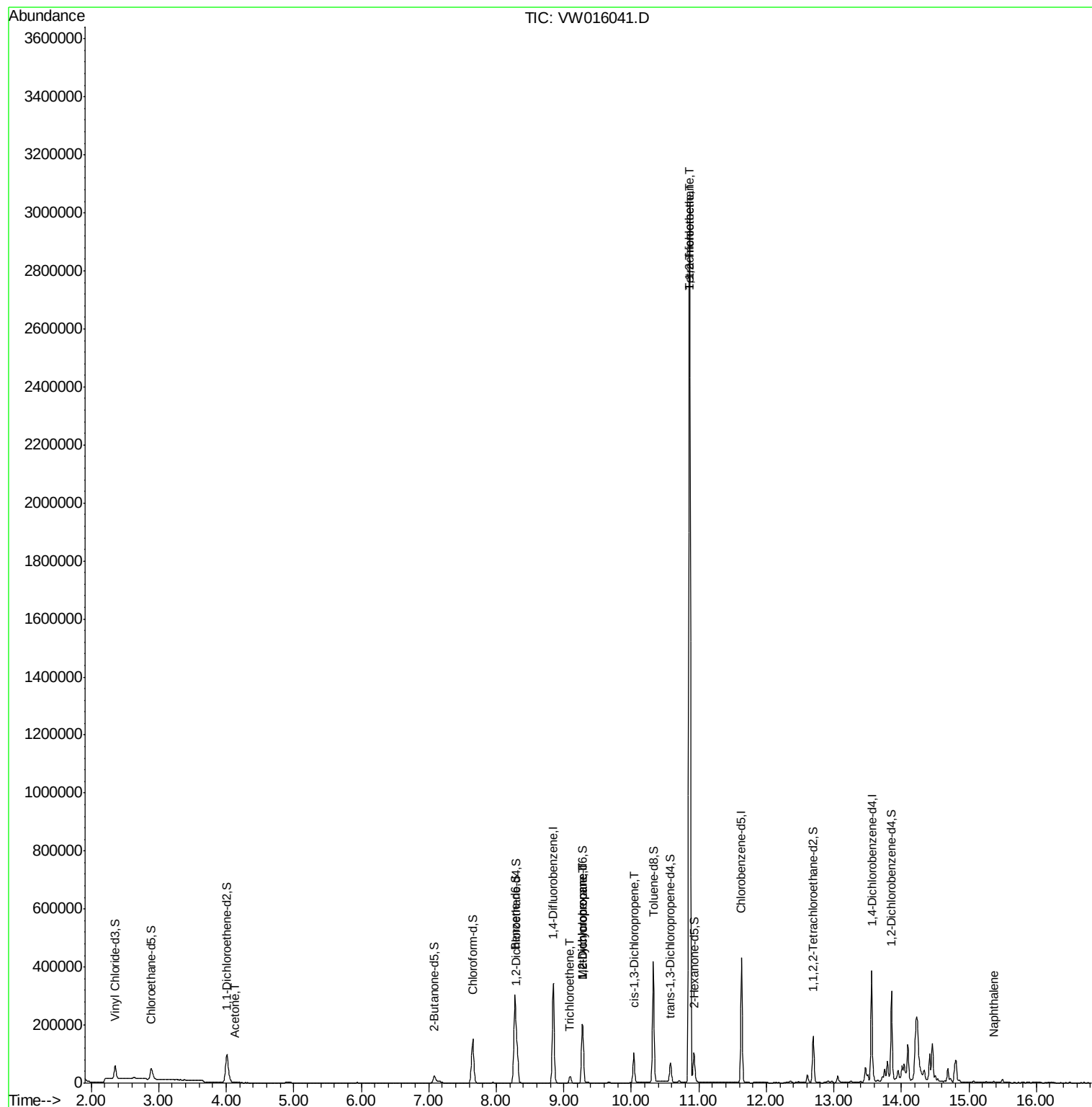
					Ovalue
13) Acetone	4.14	43	2983	3.134 ug/L	92
35) Trichloroethene	9.09	95	8107	2.014 ug/L	96
36) Methylcyclohexane	9.27	83	24556	3.556 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	10723	2.845 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2483	0.433 ug/L #	73
46) 1,1,2-Trichloroethane	10.87	97	5697	2.102 ug/L #	1
47) Tetrachloroethene	10.87	164	740113	236.894 ug/L	93
69) Naphthalene	15.37	128	3691	0.521 ug/L #	92

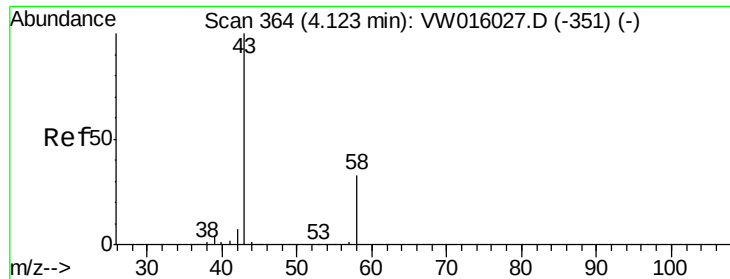
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 03:09:52 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.134 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016041.D

Acq: 05 Aug 2020 14:06

Instrument :

MSVOA_W

ClientSampled :

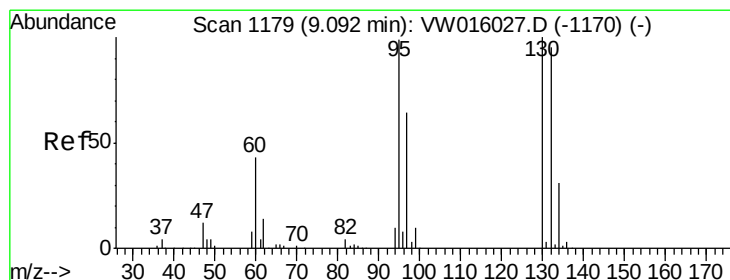
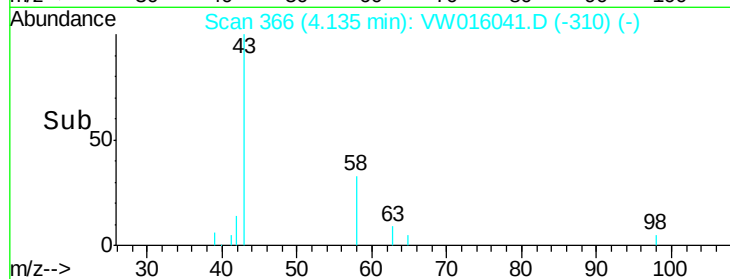
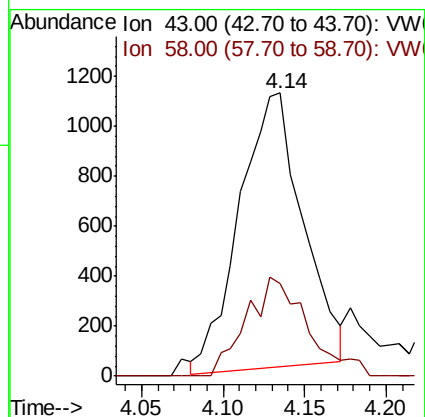
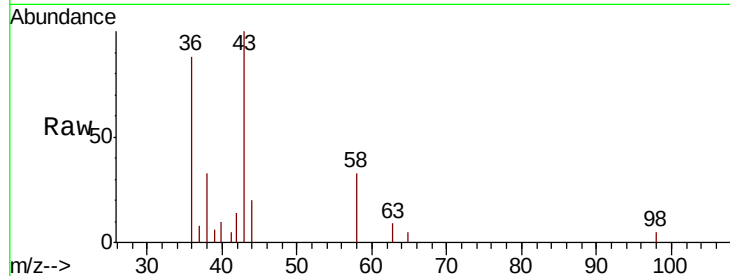
BFSN4

Tot Ion: 43 Resp: 2983

Ion Ratio Lower Upper

43 100

58 33.1 0.0 58.2



#35

Trichloroethene

Concen: 2.014 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016041.D

Acq: 05 Aug 2020 14:06

Tgt Ion: 95 Resp: 8107

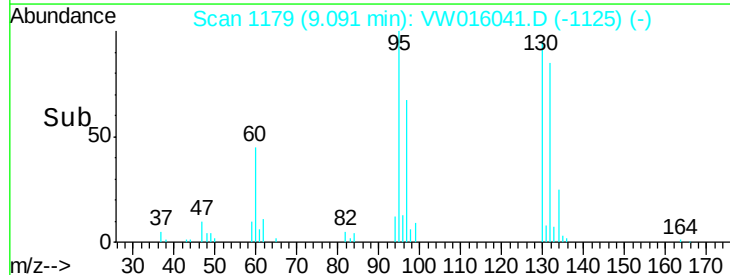
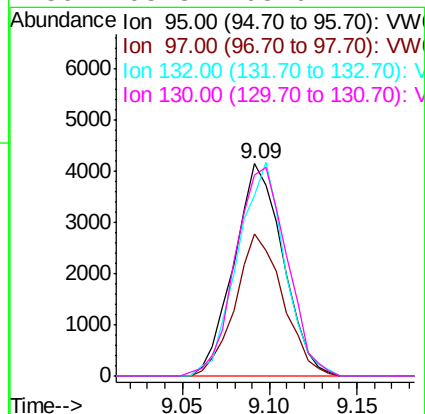
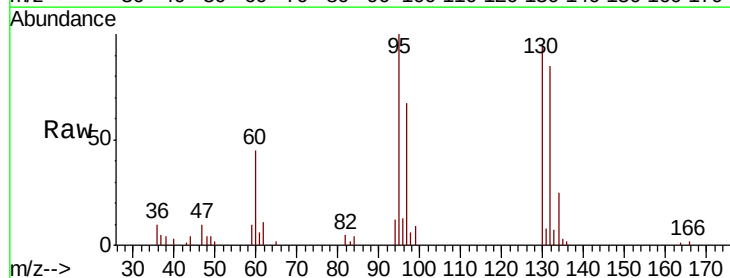
Ion Ratio Lower Upper

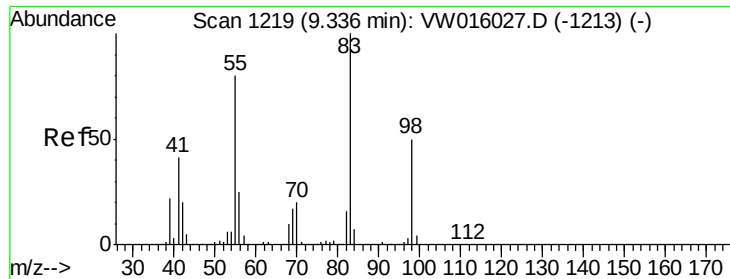
95 100

97 65.2 44.4 82.4

132 96.5 65.1 120.9

130 103.3 68.6 127.4

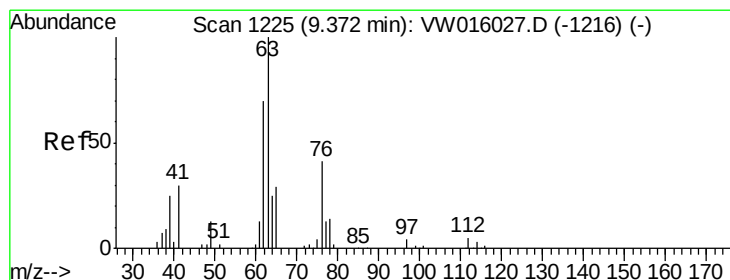
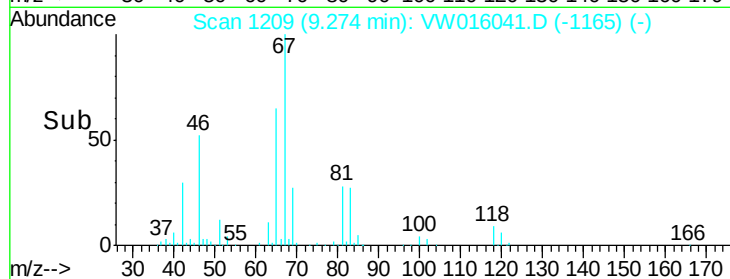
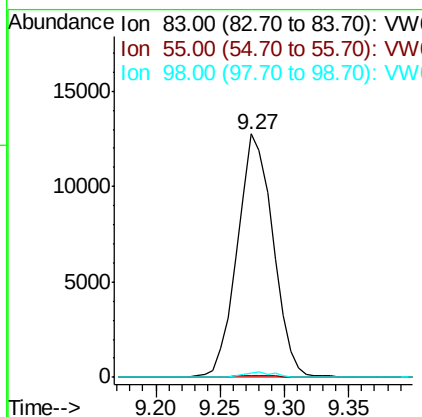
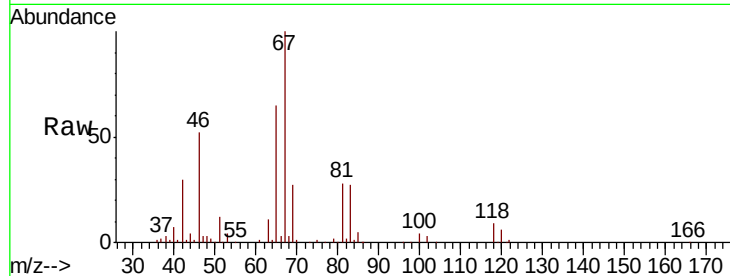




#36
Methylvlcyclohexane
Concen: 3.556 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016041.D
Acq: 05 Aug 2020 14:06

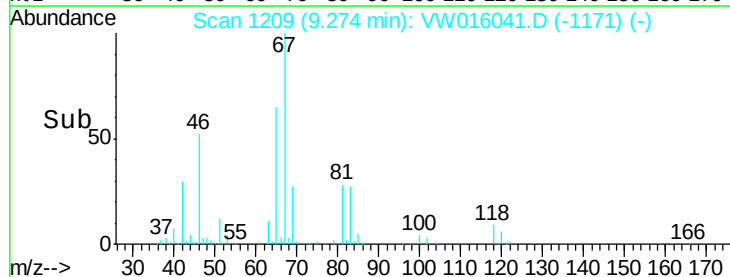
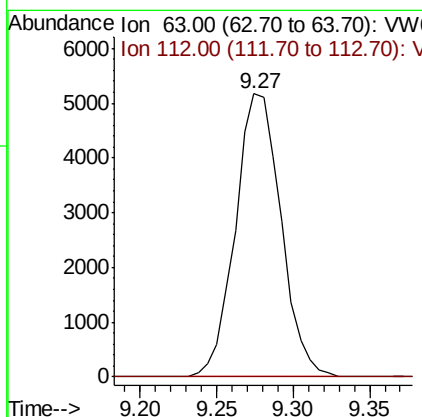
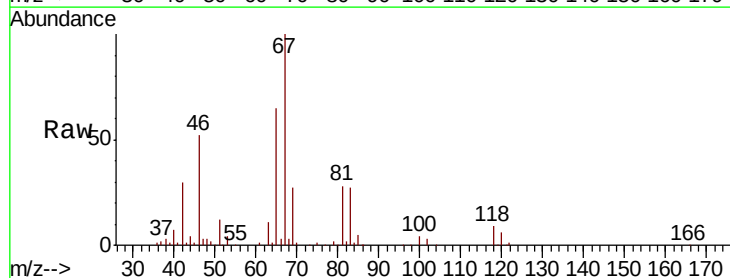
Instrument :
MSVOA_W
ClientSampled :
BFSN4

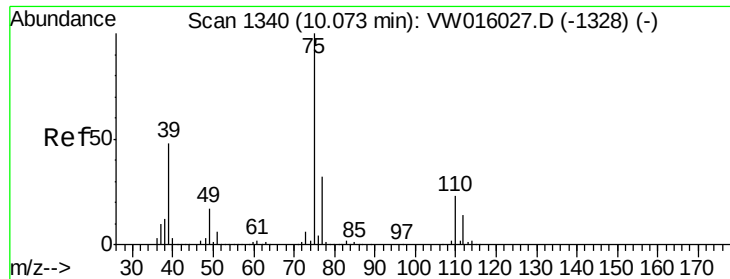
Tot Ion	83	Resp	24556
Ion Ratio	Lower	Upper	
83	100		
55	0.8	63.5	95.3#
98	1.7	39.0	58.4#



#40
1,2-Dichloropropane
Concen: 2.845 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016041.D
Acq: 05 Aug 2020 14:06

Tgt Ion	63	Resp	10723
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.7	5.5#

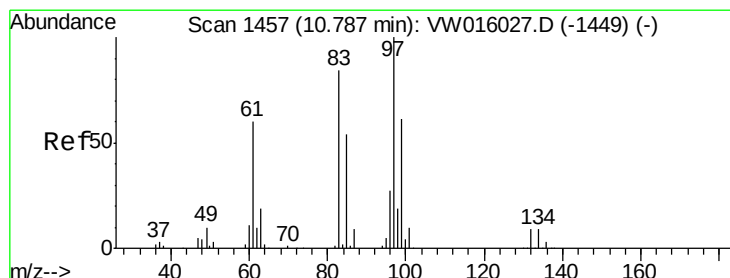
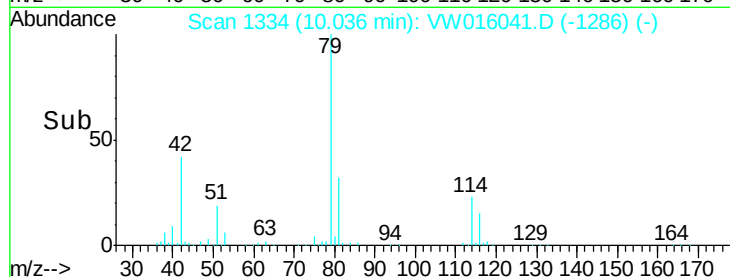
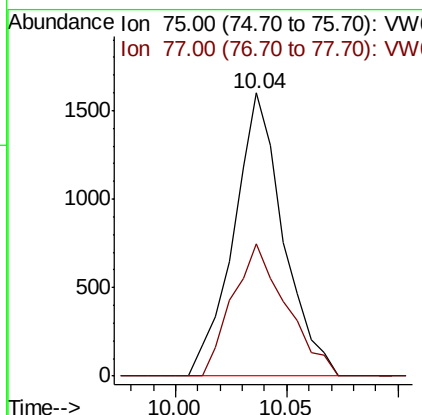
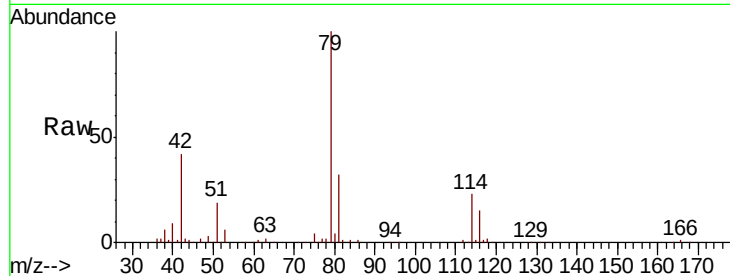




#42
 cis-1,3-Dichloropropene
 Concen: 0.433 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016041.D
 Acq: 05 Aug 2020 14:06

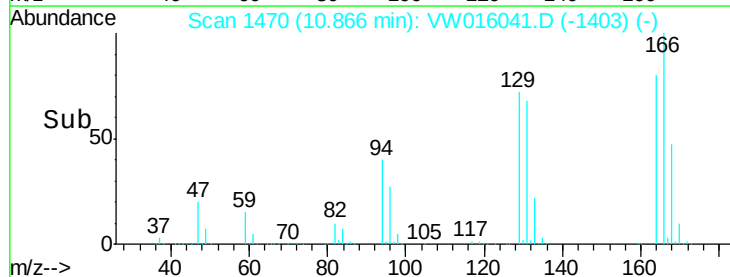
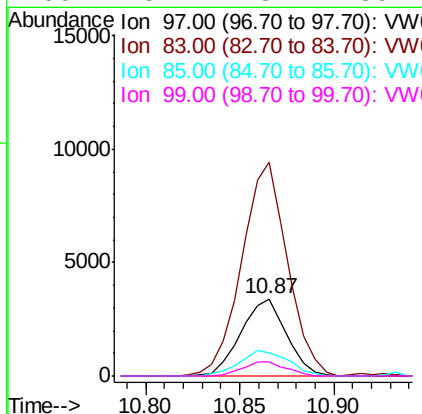
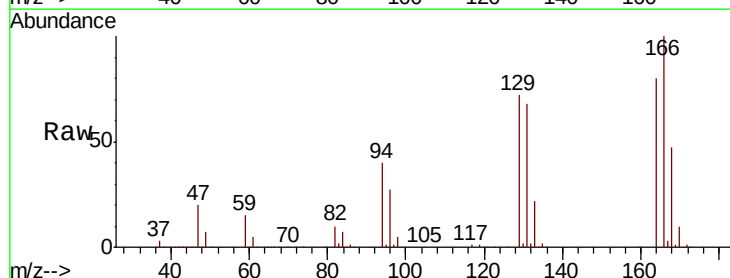
Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN4

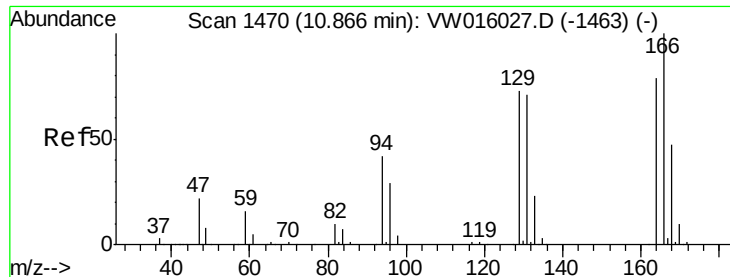
Tot Ion: 75 Resp: 2483
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.2 41.2#



#46
 1,1,2-Trichloroethane
 Concen: 2.102 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.08 min
 Lab File: VW016041.D
 Acq: 05 Aug 2020 14:06

Tgt Ion: 97 Resp: 5697
 Ion Ratio Lower Upper
 97 100
 83 276.4 60.6 112.6#
 85 30.2 38.9 72.2#
 99 18.1 43.1 80.1#





#47

Tetrachloroethene

Concen: 236.894 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016041.D

Acq: 05 Aug 2020 14:06

Instrument :

MSVOA_W

ClientSampled :

BFSN4

Tot Ion:164 Resp: 740113

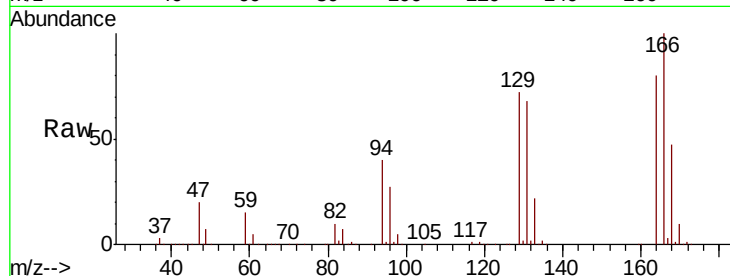
Ion Ratio Lower Upper

164 100

129 89.6 70.0 130.0

131 84.8 67.3 124.9

166 125.2 88.5 164.3

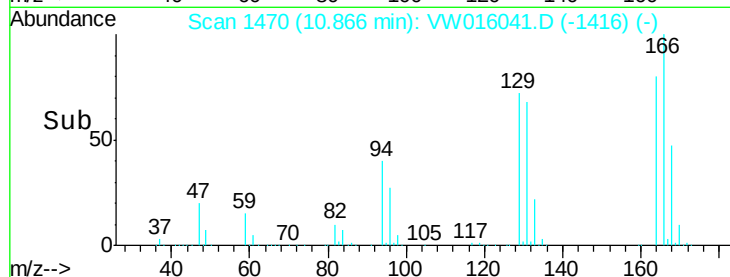


Abundance Ion 164.00 (163.70 to 164.70): V

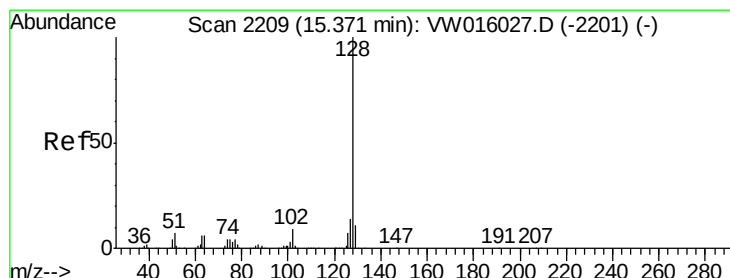
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#69

Naphthalene

Concen: 0.521 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW016041.D

Acq: 05 Aug 2020 14:06

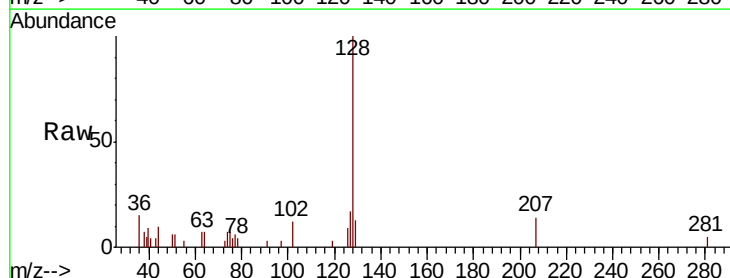
Tgt Ion:128 Resp: 3691

Ion Ratio Lower Upper

128 100

129 14.9 8.6 12.8#

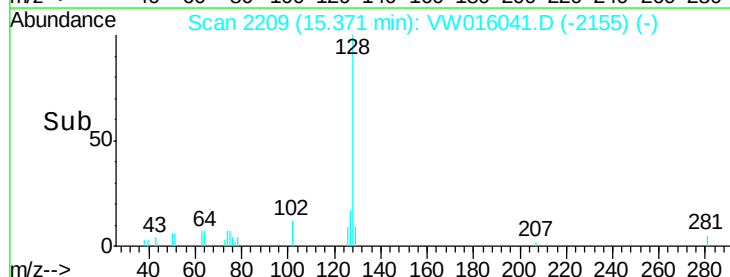
127 14.9 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->