

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102820\
 Data File : VW017015.D
 Acq On : 28 Oct 2020 17:10
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 08:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	449208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437428	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112936	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	93152	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	167609	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.08	46	76798	78.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.28%#
24) Chloroform-d	7.65	84	265409	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	140972	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.64%
29) Benzene-d6	8.27	84	537340	23.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.64%
33) 1,2-Dichloropropane-d6	9.27	67	153349	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.33	98	504305	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	66677	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.60%
39) 2-Hexanone-d5	10.93	63	65136	76.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148166	32.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	196686	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

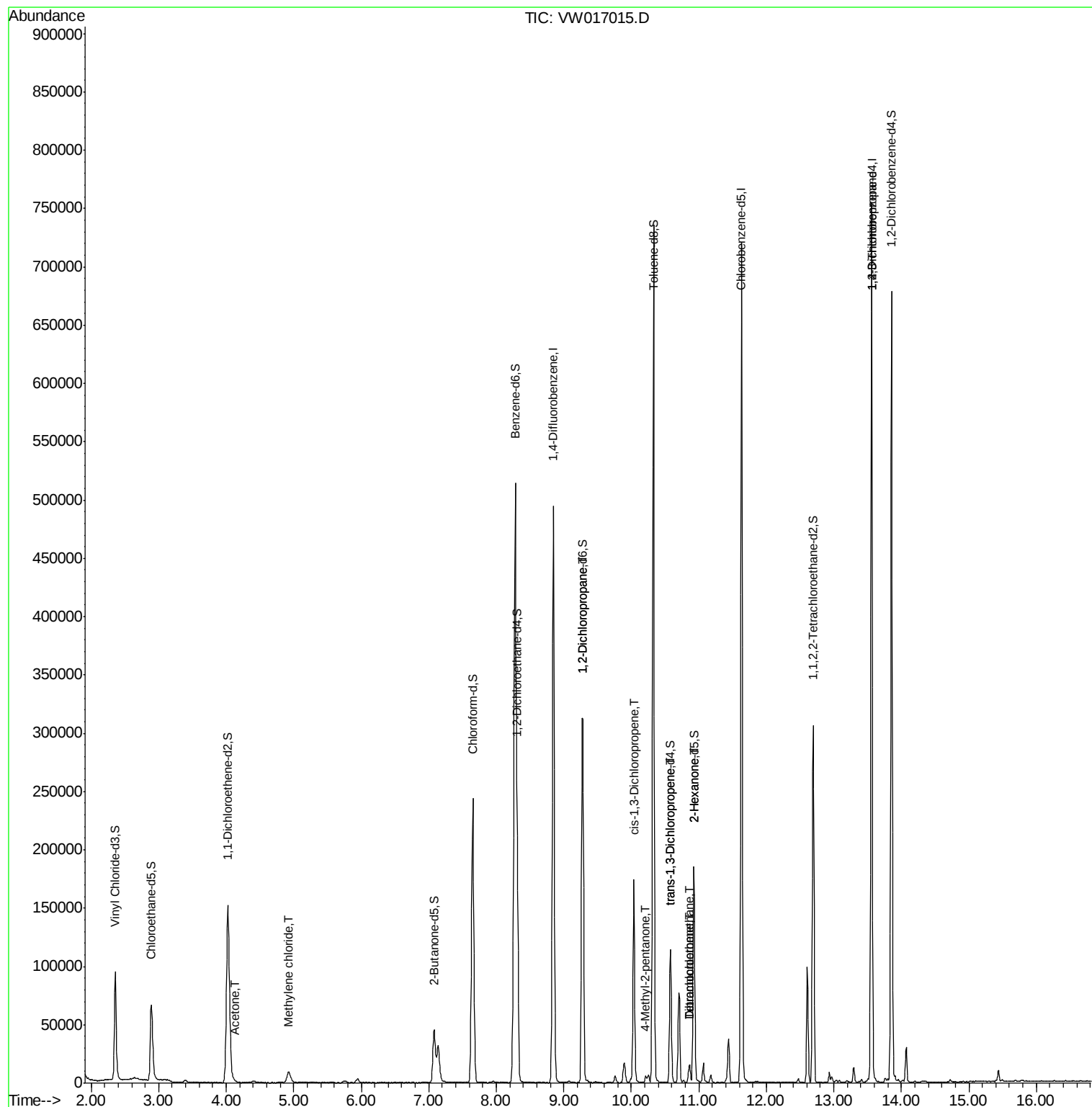
					Ovalue
13) Acetone	4.13	43	744	1.132 ug/L	67
16) Methylene chloride	4.93	84	9024	1.519 ug/L	79
40) 1,2-Dichloropropane	9.27	63	16995	3.149 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4518	0.535 ug/L #	56
43) 4-Methyl-2-pentanone	10.21	43	3787	1.480 ug/L	98
45) trans-1,3-Dichloropropene	10.59	75	2944	0.421 ug/L	93
47) Tetrachloroethene	10.87	164	3157	0.513 ug/L	86
49) 2-Hexanone	10.93	43	7118	4.366 ug/L #	63
50) Dibromochloromethane	10.87	129	2950	0.561 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	21023	6.336 ug/L	91

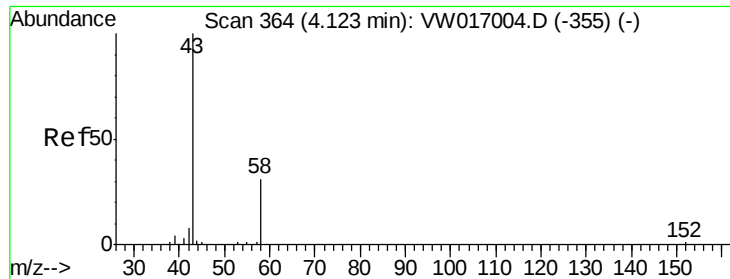
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 29 08:01:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.132 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017015.D

Acq: 28 Oct 2020 17:10

Instrument :

MSVOA_W

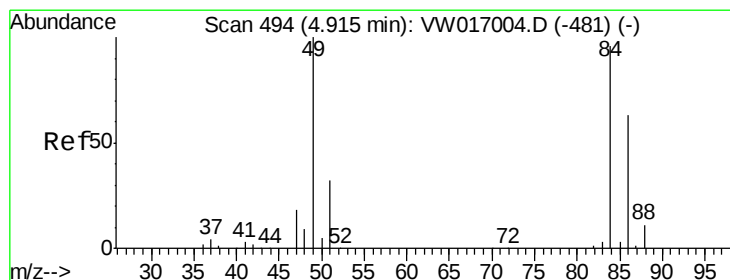
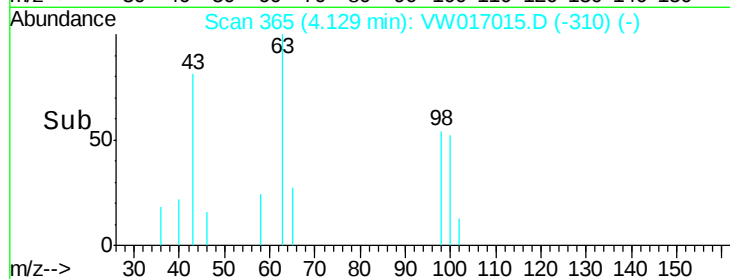
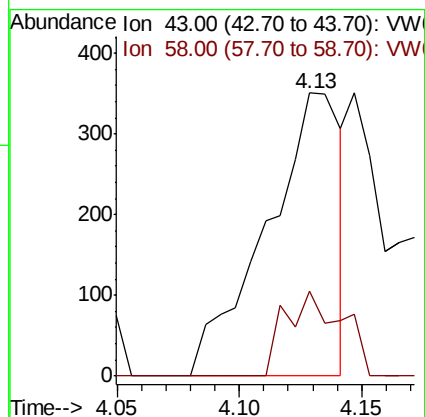
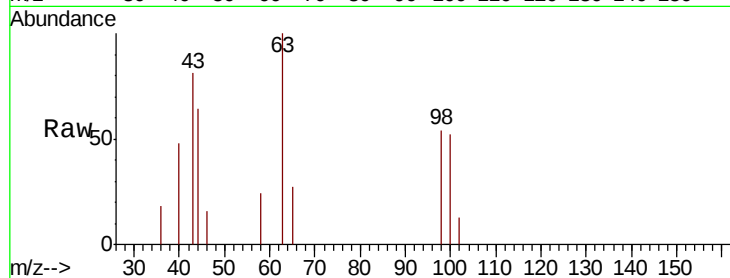
ClientSampleId :

Tot Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 15.7 0.0 69.8



#16

Methylene chloride

Concen: 1.519 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

Lab File: VW017015.D

Acq: 28 Oct 2020 17:10

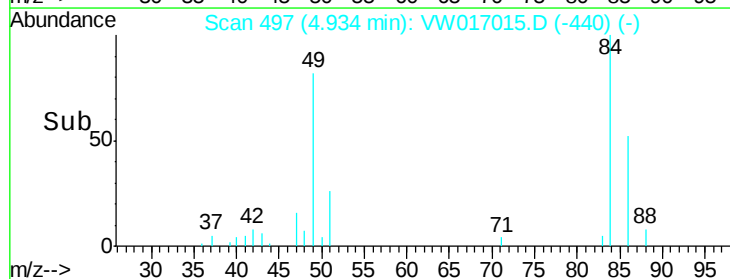
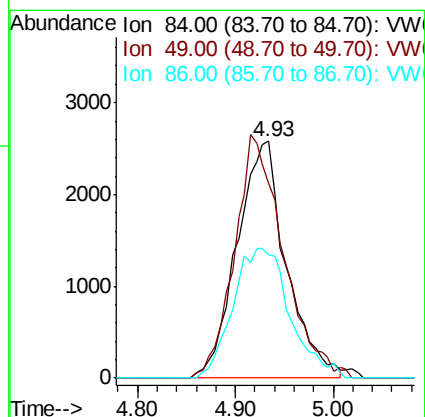
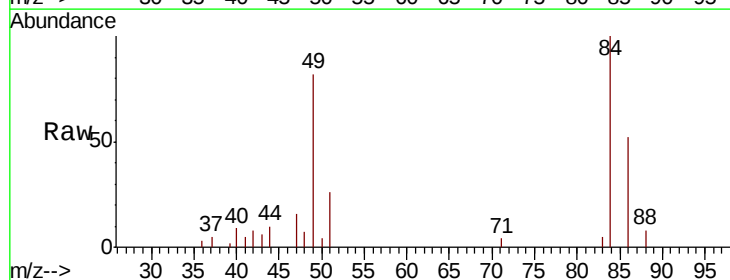
Tgt Ion: 84 Resp: 9024

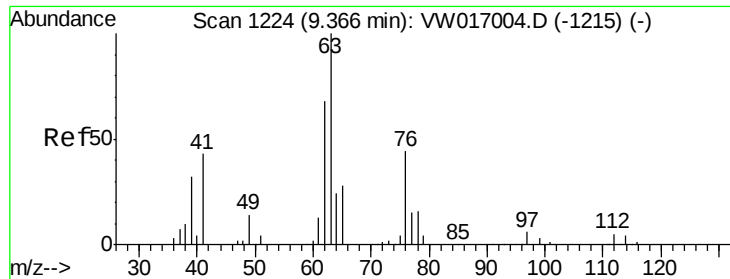
Ion Ratio Lower Upper

84 100

49 82.3 73.8 137.0

86 52.2 47.4 88.0

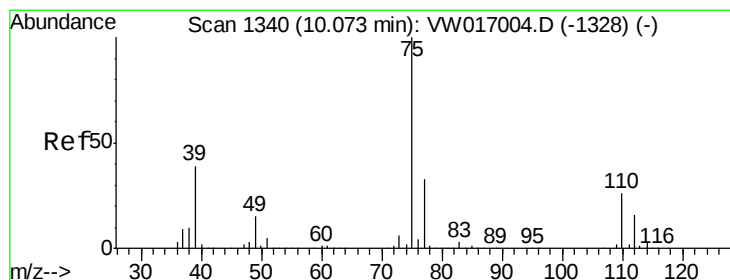
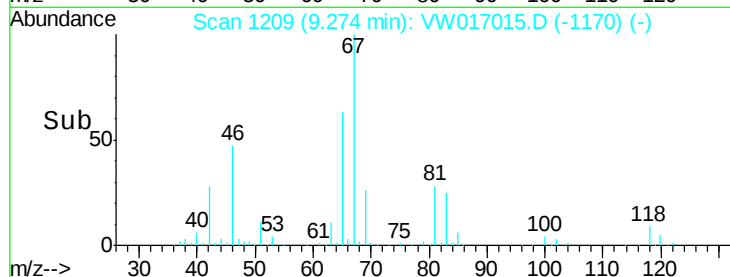
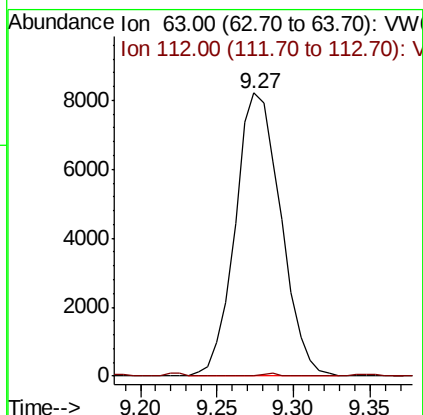
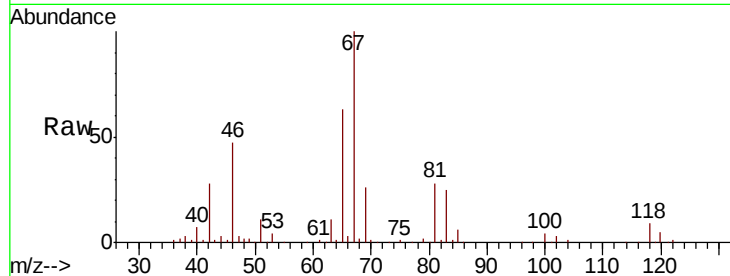




#40
 1,2-Dichloropropane
 Concen: 3.149 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW017015.D
 Acq: 28 Oct 2020 17:10

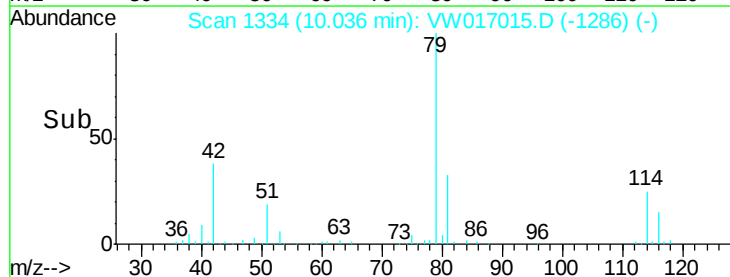
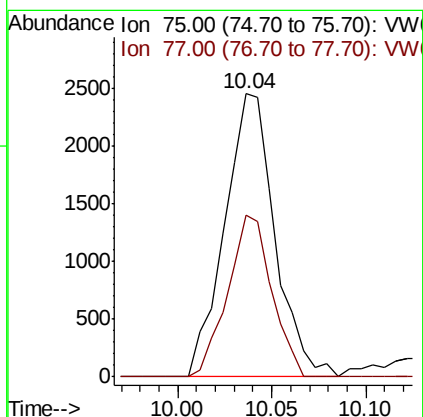
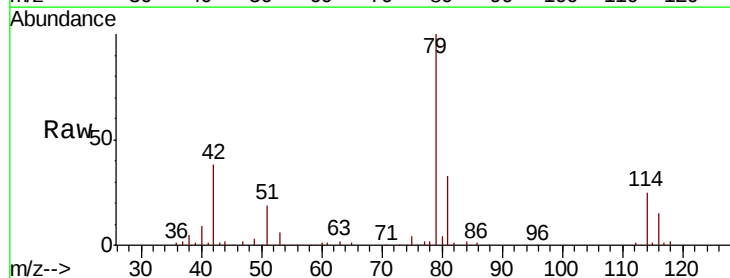
Instrument :
 MSVOA_W
 ClientSampleId :

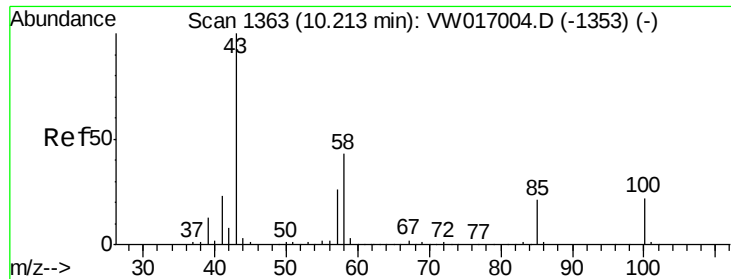
Tot Ion: 63 Resp: 16995
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.535 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017015.D
 Acq: 28 Oct 2020 17:10

Tgt Ion: 75 Resp: 4518
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.7 42.1#

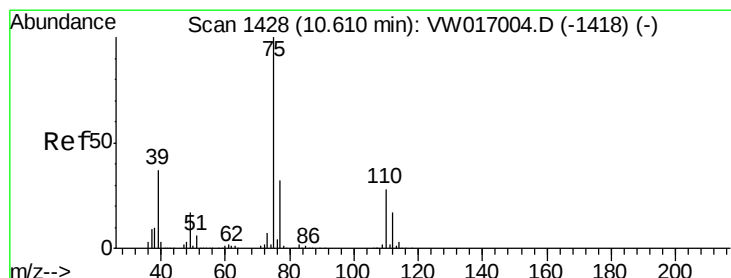
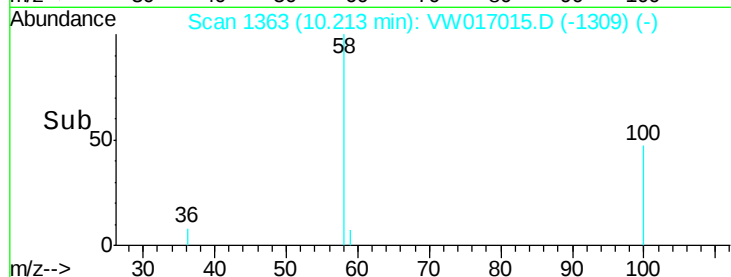
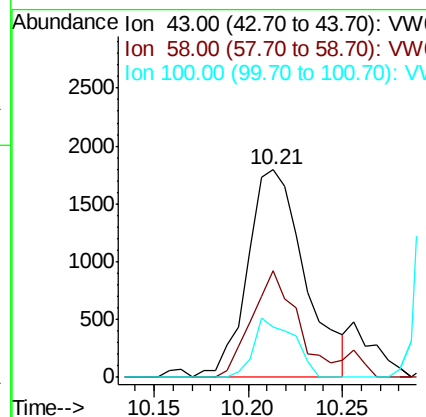
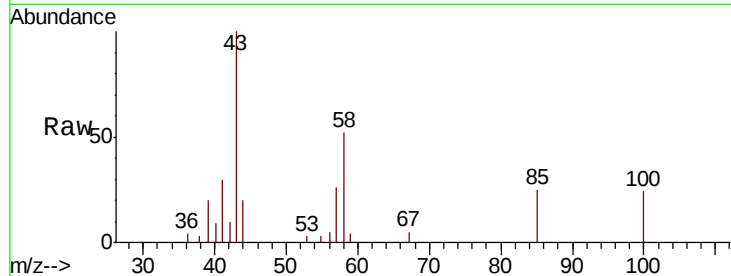




#43
4-Methyl-2-pentanone
Concen: 1.480 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017015.D
Acq: 28 Oct 2020 17:10

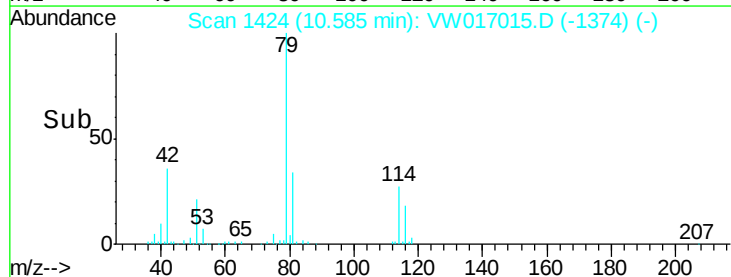
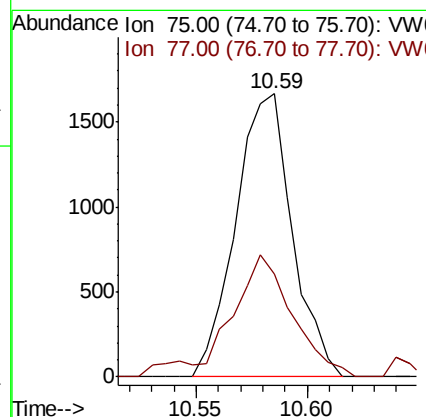
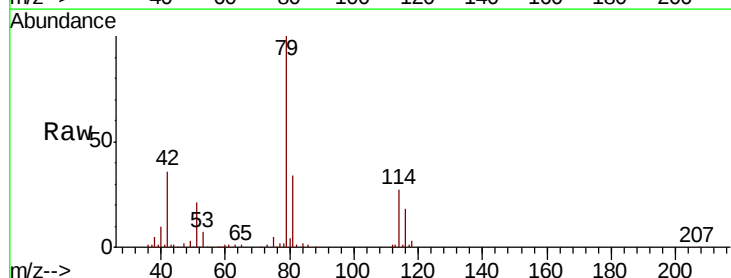
Instrument :
MSVOA_W
ClientSampled :

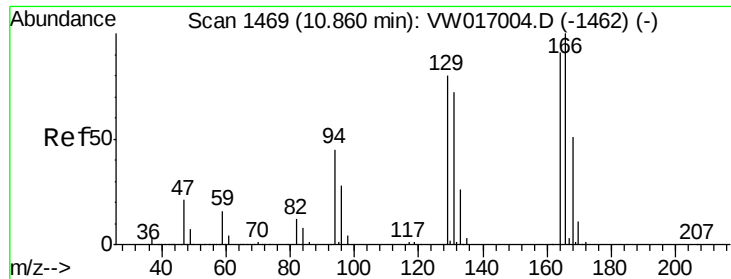
Tot Ion: 43 Resp: 3787
Ion Ratio Lower Upper
43 100
58 40.9 34.4 51.6
100 19.9 16.2 24.2



#45
trans-1,3-Dichloropropene
Concen: 0.421 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017015.D
Acq: 28 Oct 2020 17:10

Tgt Ion: 75 Resp: 2944
Ion Ratio Lower Upper
75 100
77 36.4 22.7 42.3

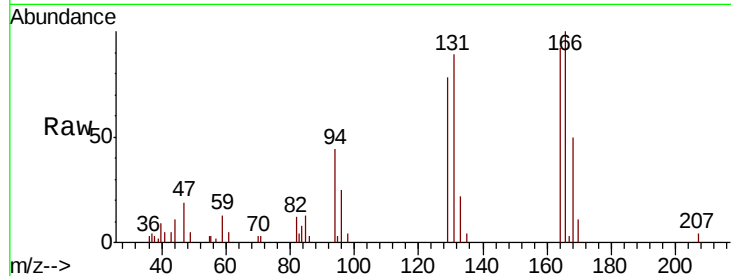




#47
Tetrachloroethene
Concen: 0.513 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017015.D
Acq: 28 Oct 2020 17:10

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	84.9	64.0	119.0
131	97.4	61.7	114.5
166	109.1	94.6	175.8



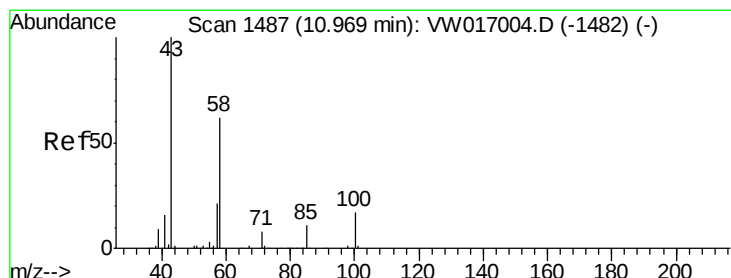
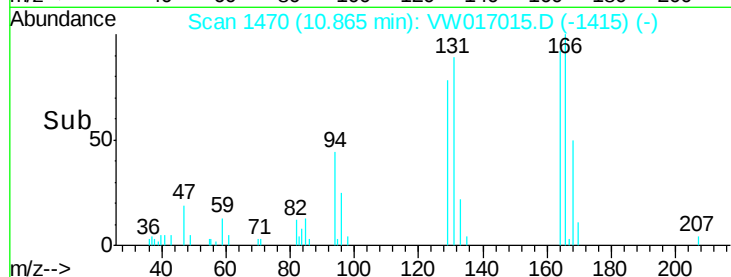
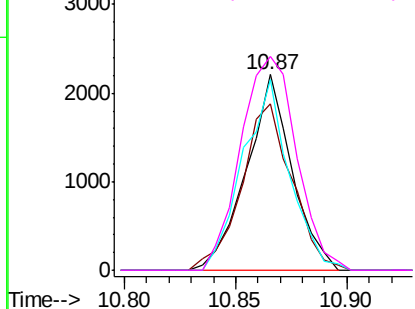
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

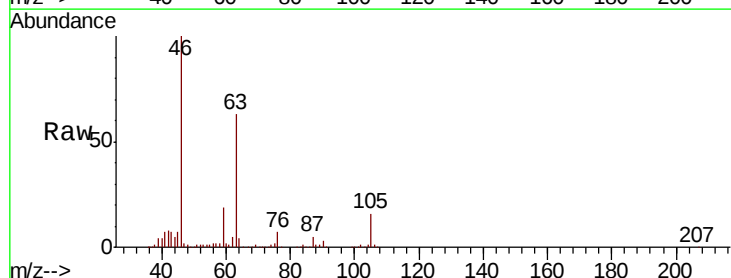
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49
2-Hexanone
Concen: 4.366 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017015.D
Acq: 28 Oct 2020 17:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.0	49.2	73.8#
57	30.3	17.0	25.4#
100	1.8	13.2	19.8#



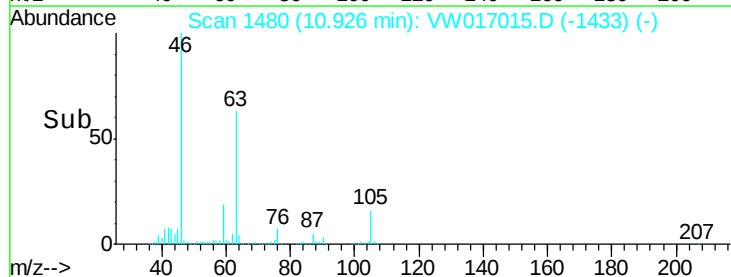
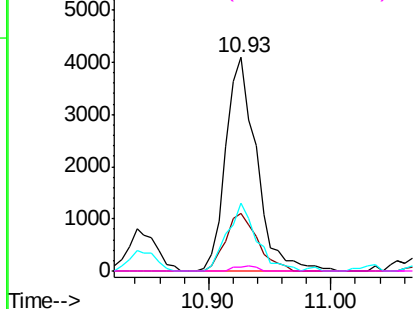
Abundance

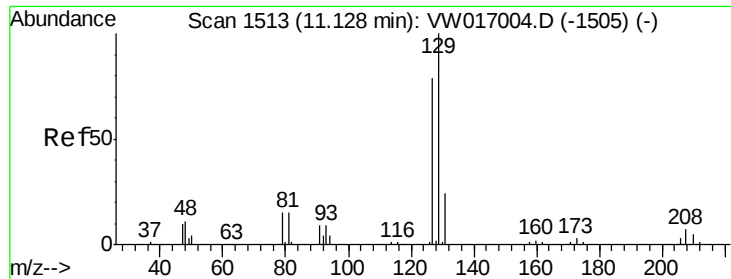
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

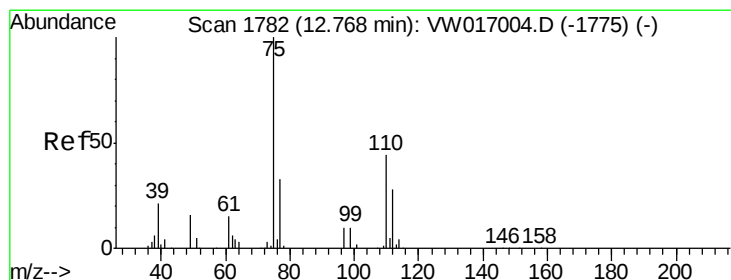
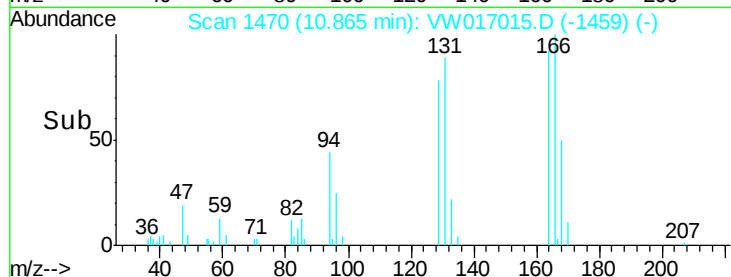
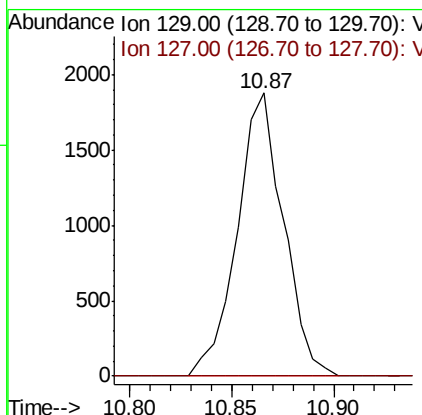
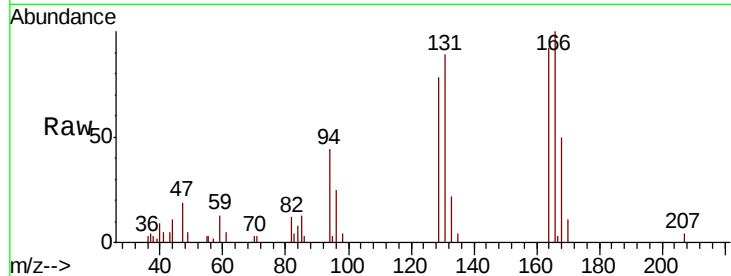




#50
 Dibromochloromethane
 Concen: 0.561 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW017015.D
 Acq: 28 Oct 2020 17:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 2950
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.336 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW017015.D
 Acq: 28 Oct 2020 17:10

Tgt Ion: 75 Resp: 21023
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.8

