

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015629.D
 Acq On : 18 Jun 2020 12:17
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK18

Quant Time: Jun 19 07:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	210639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	185182	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80346	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	36502	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.64%
7) Chloroethane-d5	2.89	69	42367	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
10) 1,1-Dichloroethene-d2	4.01	63	65145	13.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.40%
20) 2-Butanone-d5	7.09	46	58743	93.21	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.42%#
24) Chloroform-d	7.65	84	99154	20.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	8.31	65	59380	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.64%
29) Benzene-d6	8.28	84	191869	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	9.28	67	57192	20.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.88%
37) Toluene-d8	10.32	98	175318	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.44%
38) trans-1,3-Dichloropropene-	10.58	79	21311	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.76%
39) 2-Hexanone-d5	10.93	63	40074	83.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59400	28.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	58292	21.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.60%

Target Compounds

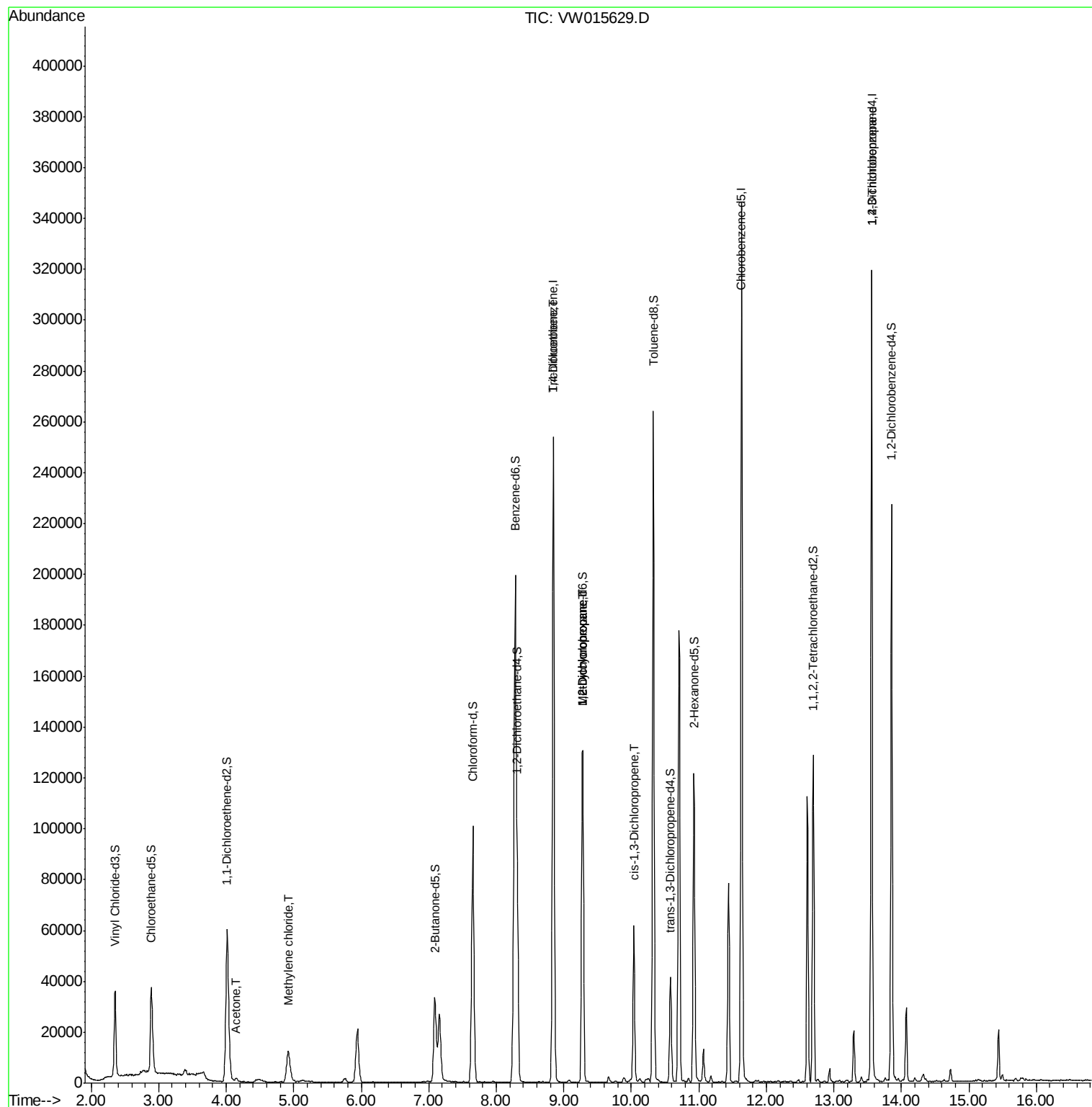
					Ovalue
13) Acetone	4.15	43	2617	5.371 ug/L	98
16) Methylene chloride	4.92	84	9926	3.840 ug/L	92
35) Trichloroethene	8.85	95	6544	2.352 ug/L #	5
36) Methylcyclohexane	9.27	83	14591	2.941 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	7260	2.847 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1769	0.433 ug/L #	78
59) 1,2,3-Trichloropropane	13.56	75	10378	6.626 ug/L	94

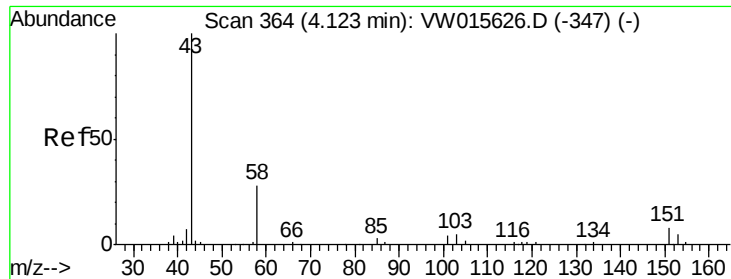
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.371 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW015629.D

Acq: 18 Jun 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

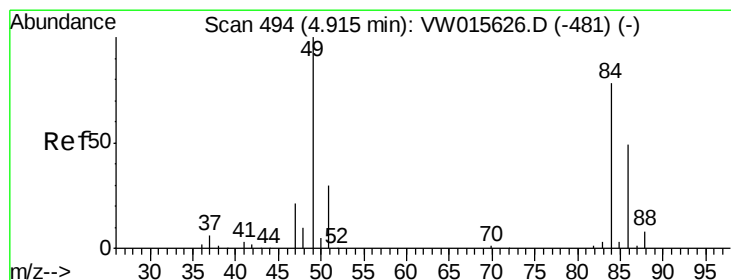
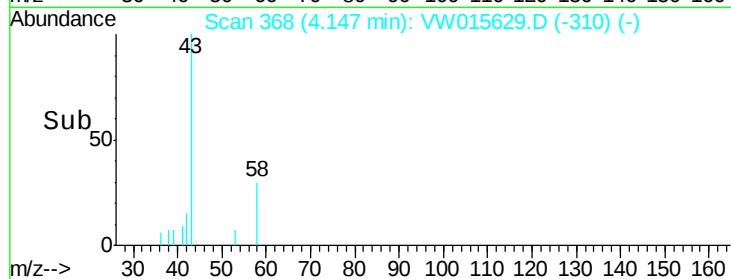
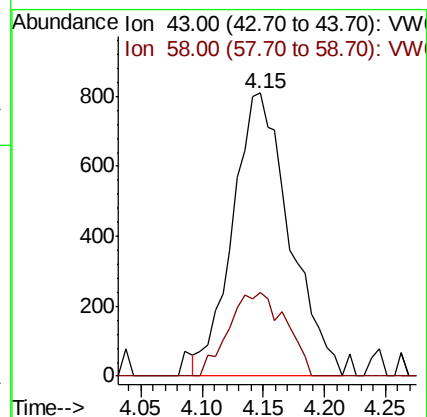
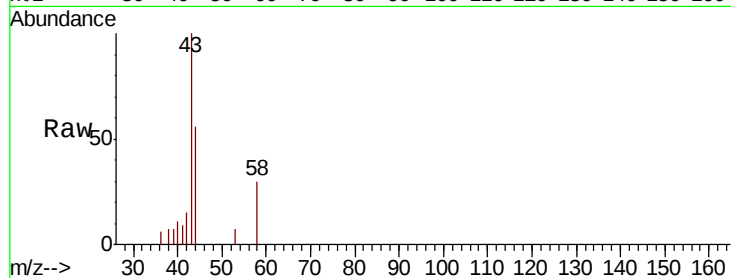
VIBLK18

Tot Ion: 43 Resp: 2617

Ion Ratio Lower Upper

43 100

58 29.5 0.0 56.8



#16

Methylene chloride

Concen: 3.840 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015629.D

Acq: 18 Jun 2020 12:17

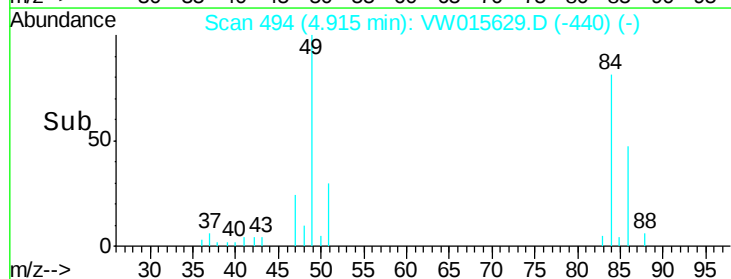
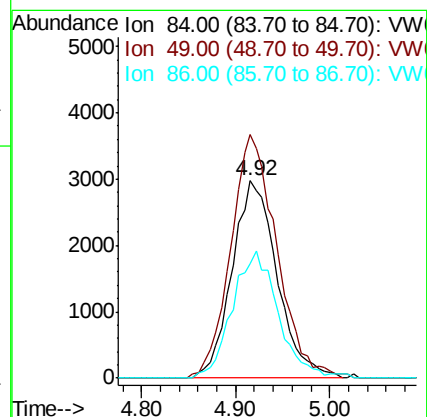
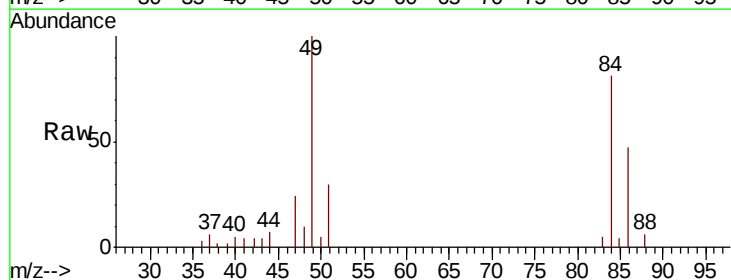
Tgt Ion: 84 Resp: 9926

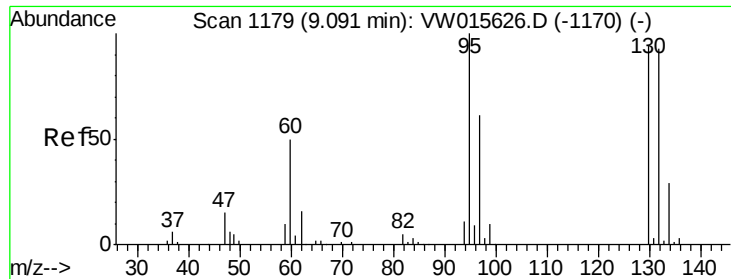
Ion Ratio Lower Upper

84 100

49 123.5 93.0 172.8

86 58.1 44.7 83.1





#35

Trichloroethene

Concen: 2.352 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015629.D

Acq: 18 Jun 2020 12:17

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ClientSampleID :

VIBLK18

Tot Ion: 95 Resp: 6544

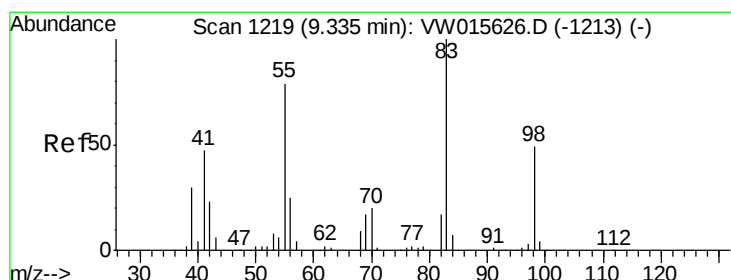
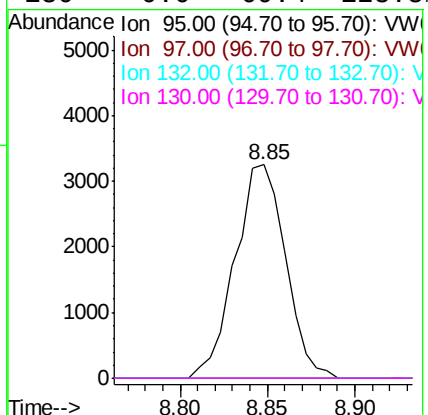
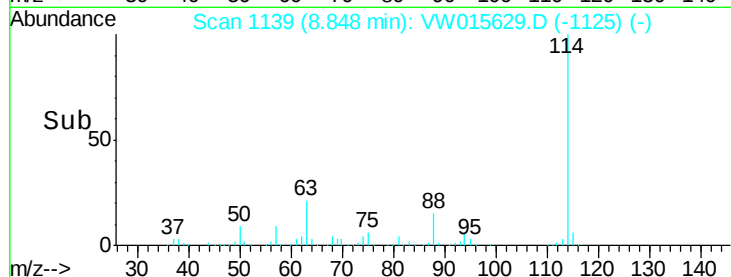
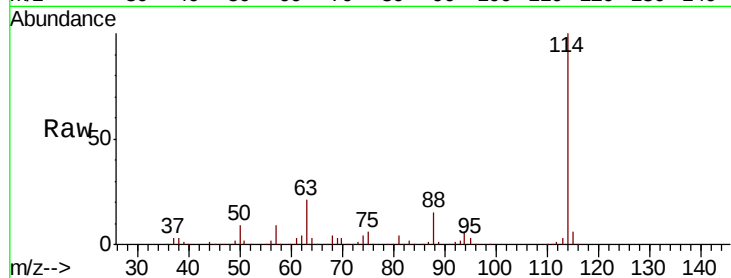
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#



#36

Methylcyclohexane

Concen: 2.941 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015629.D

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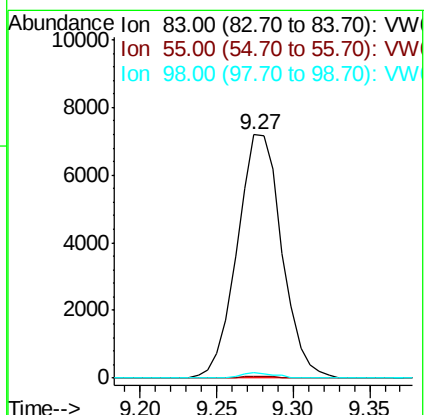
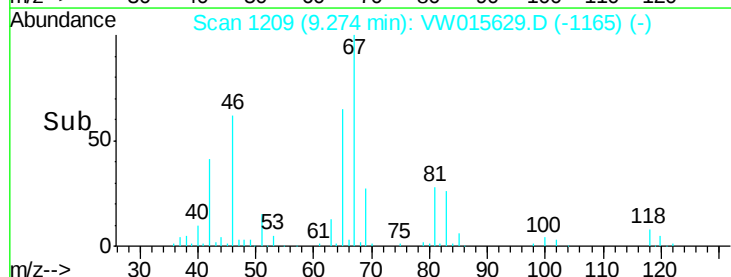
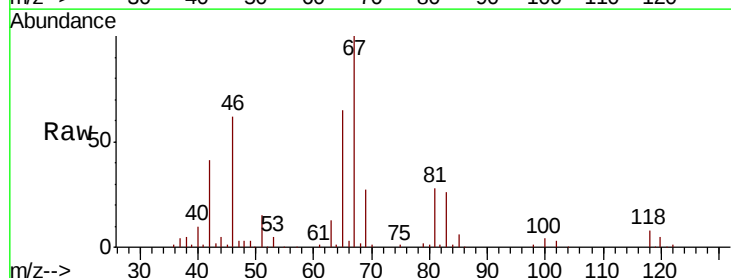
Tgt Ion: 83 Resp: 14591

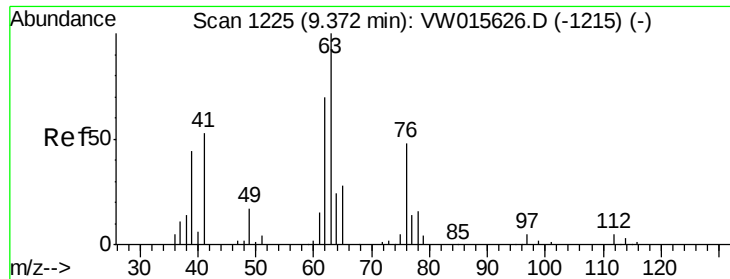
Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

98 1.5 39.2 58.8#

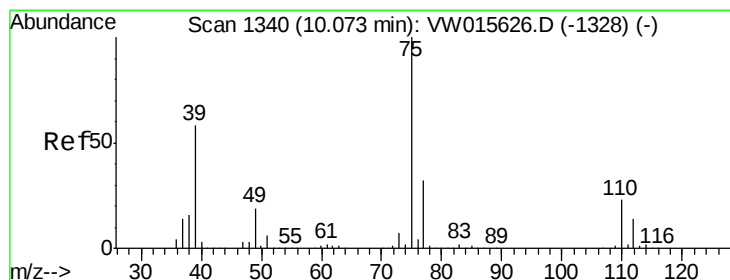
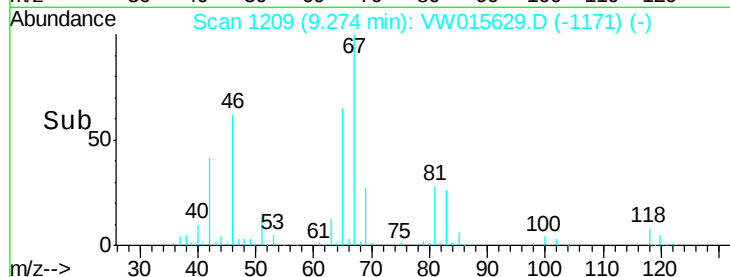
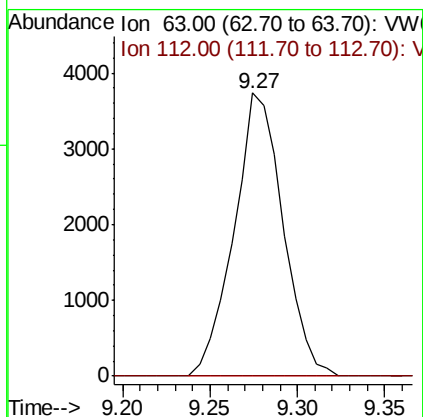
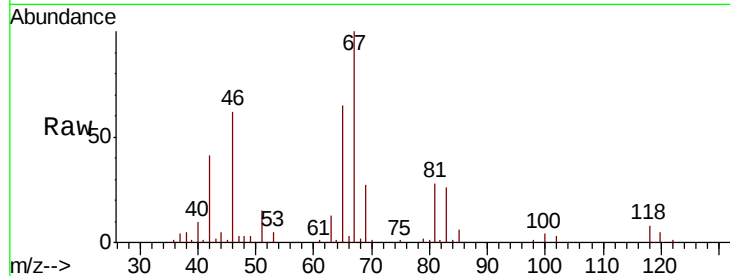




#40
 1,2-Dichloropropane
 Concen: 2.847 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015629.D
 Acq: 18 Jun 2020 12:17

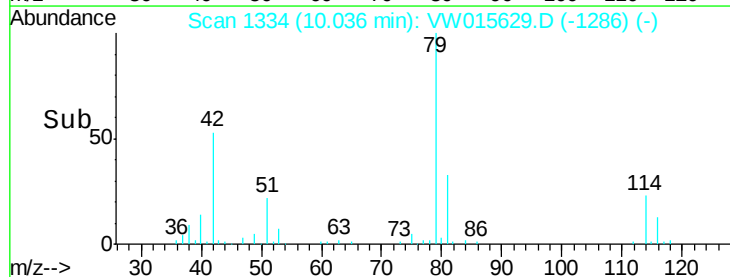
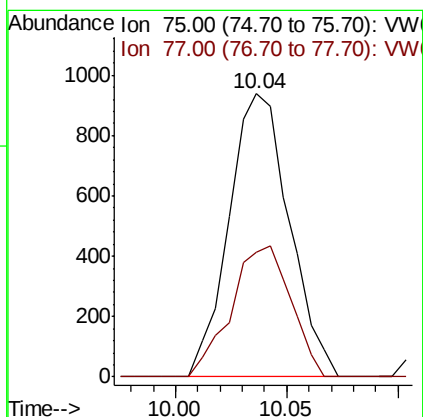
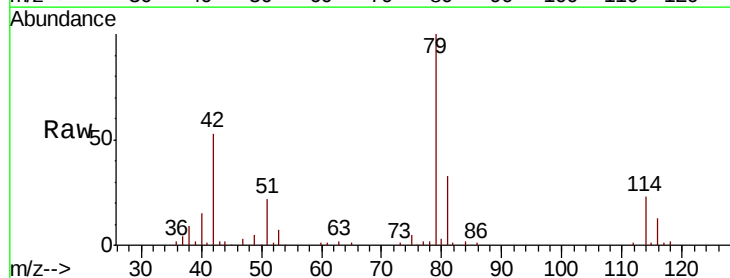
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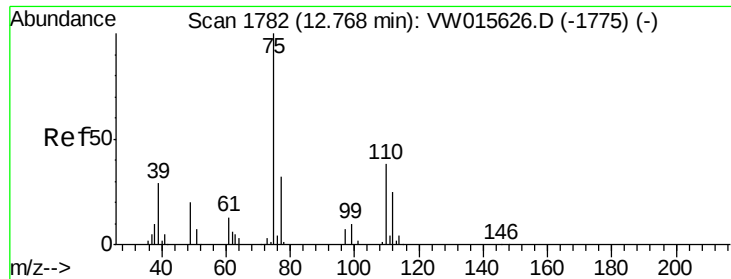
Tot Ion: 63 Resp: 7260
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.433 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015629.D
 Acq: 18 Jun 2020 12:17

Tgt Ion: 75 Resp: 1769
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 6.626 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015629.D

Acq: 18 Jun 2020 12:17

Instrument :

MSVOA_W

ClientSampleId :

VIBLK18

Tot Ion: 75 Resp: 10378

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9

