

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016391.D
 Acq On : 27 Aug 2020 16:03
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Aug 28 08:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	260738	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114529	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49998	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.84%
7) Chloroethane-d5	2.89	69	41235	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.02	63	98292	14.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.44%
20) 2-Butanone-d5	7.09	46	32456	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
24) Chloroform-d	7.65	84	151735	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.31	65	82548	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.28	84	293469	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.27	67	81836	22.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.04%
37) Toluene-d8	10.32	98	280158	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.58	79	38956	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	10.93	63	23903	40.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.24%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	72894	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	103941	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds

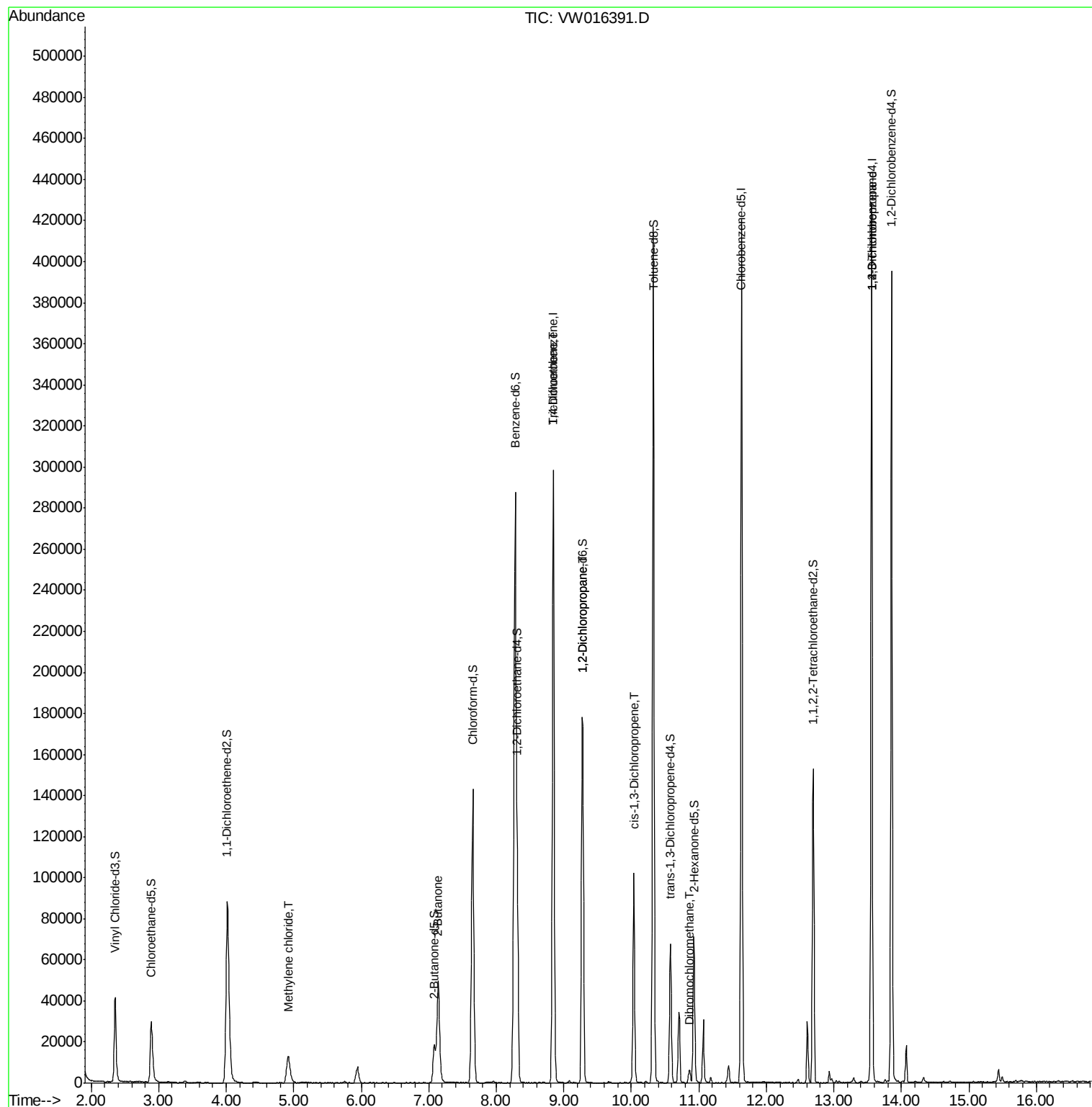
					Ovalue
16) Methylene chloride	4.92	84	12538	2.601 ug/L	89
21) 2-Butanone	7.13	43	2403	2.567 ug/L #	56
35) Trichloroethene	8.84	95	8085	2.068 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	9839	3.030 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2864	0.539 ug/L	93
50) Dibromochloromethane	10.87	129	1517	0.455 ug/L #	11
59) 1,2,3-Trichloropropane	13.55	75	12287	5.305 ug/L	93

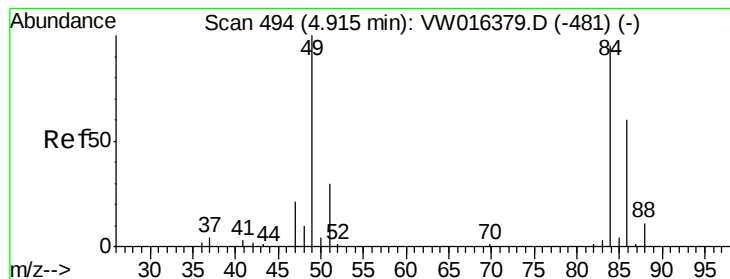
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.601 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016391.D

Acq: 27 Aug 2020 16:03

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

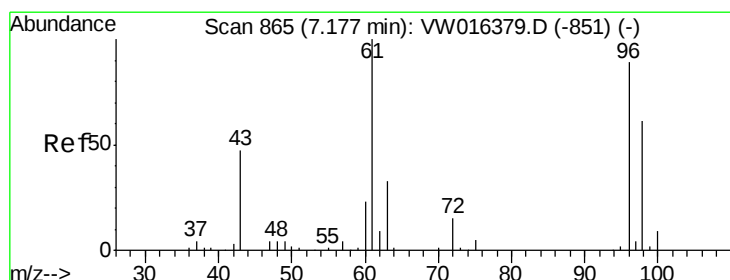
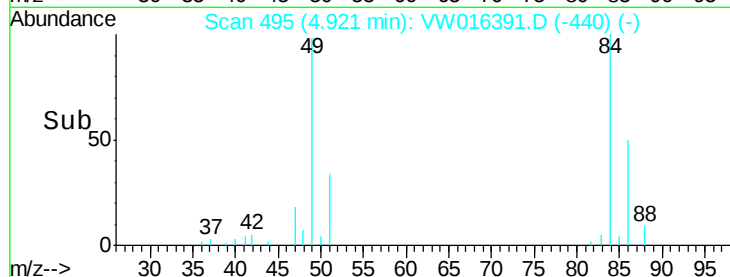
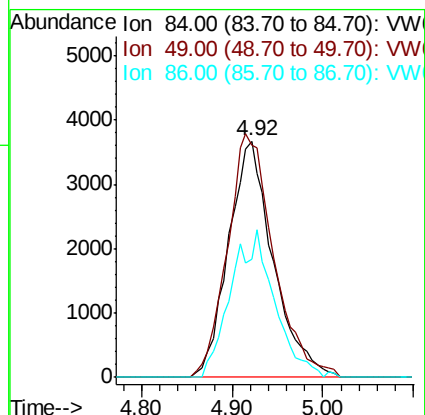
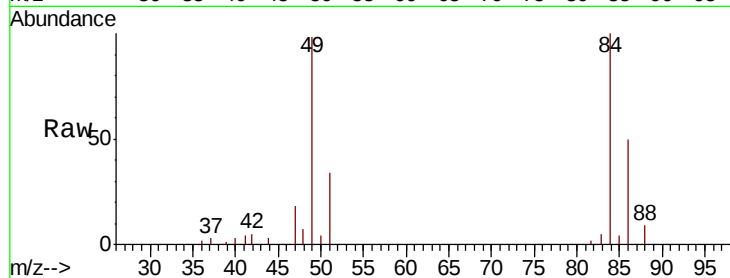
Tot Ion: 84 Resp: 12538

Ion Ratio Lower Upper

84 100

49 98.0 75.3 139.9

86 50.0 43.3 80.3



#21

2-Butanone

Concen: 2.567 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW016391.D

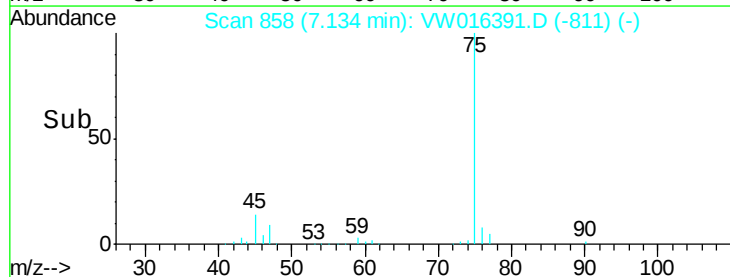
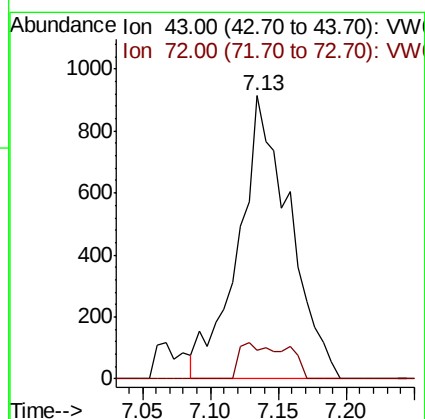
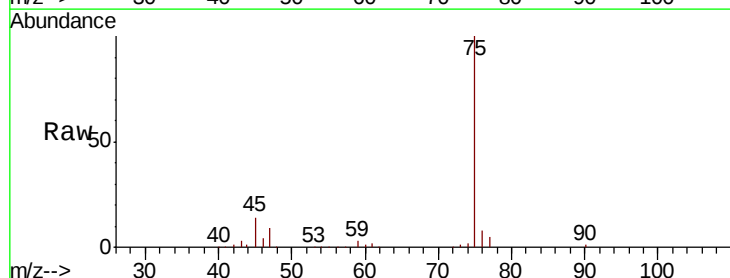
Acq: 27 Aug 2020 16:03

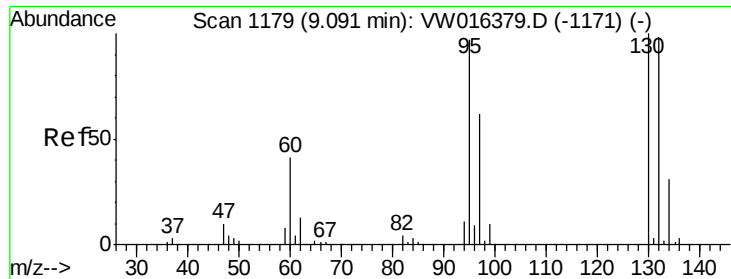
Tgt Ion: 43 Resp: 2403

Ion Ratio Lower Upper

43 100

72 7.7 16.0 48.0#





#35

Trichloroethene

Concen: 2.068 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016391.D

Acq: 27 Aug 2020 16:03

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

Tot Ion: 95 Resp: 8085

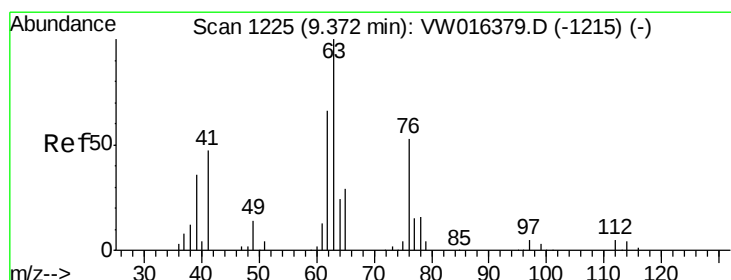
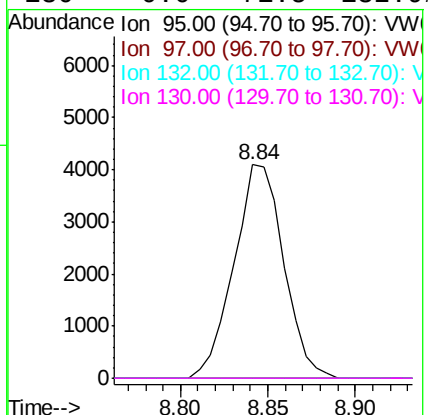
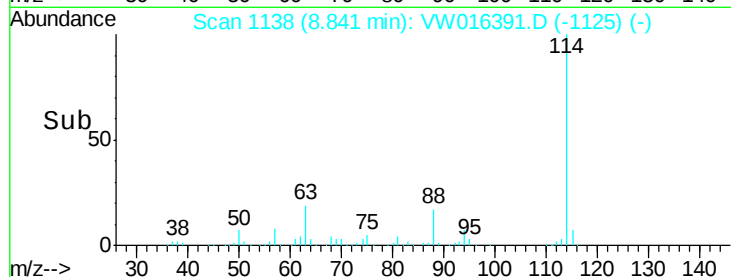
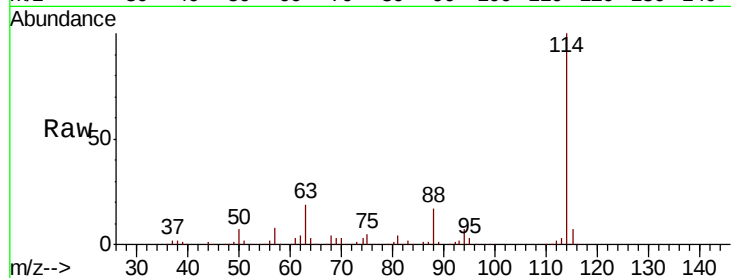
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 68.2 126.6#

130 0.0 71.5 132.9#



#40

1,2-Dichloropropane

Concen: 3.030 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW016391.D

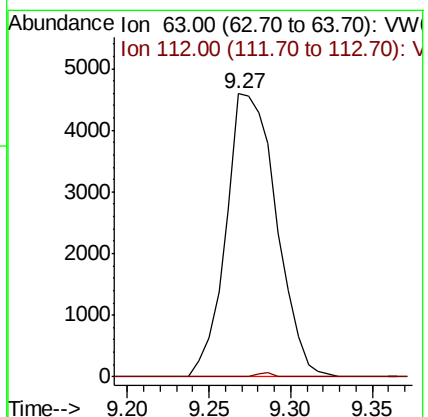
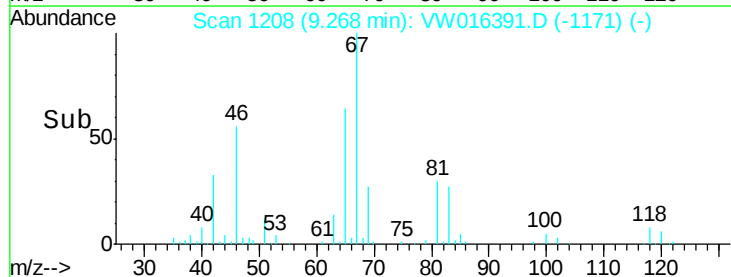
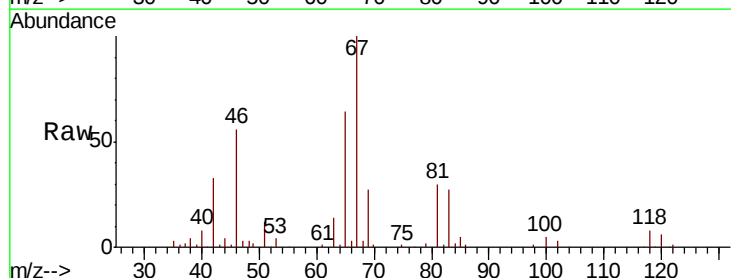
Acq: 27 Aug 2020 16:03

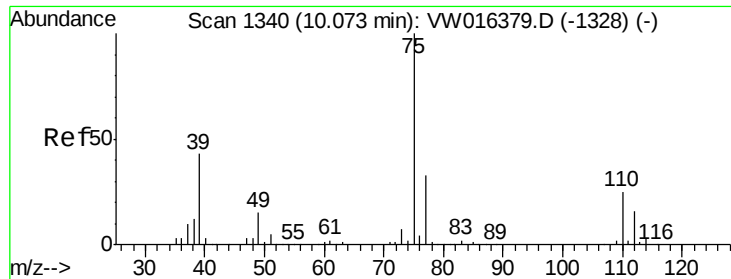
Tgt Ion: 63 Resp: 9839

Ion Ratio Lower Upper

63 100

112 0.5 4.4 6.6#

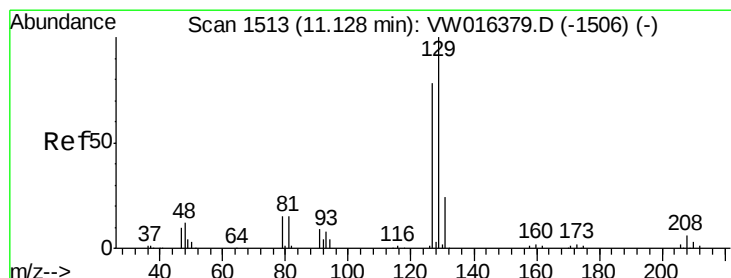
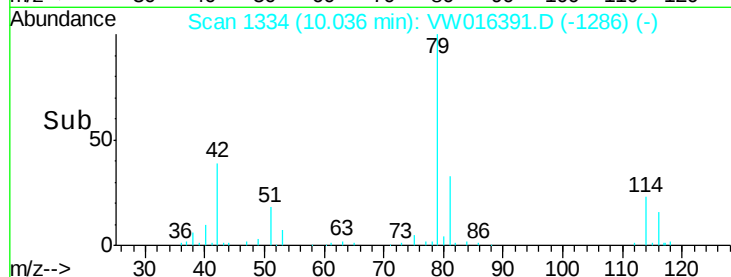
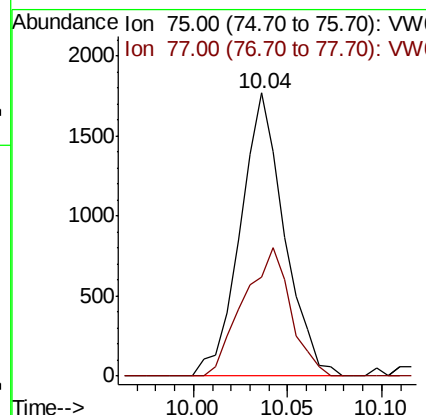
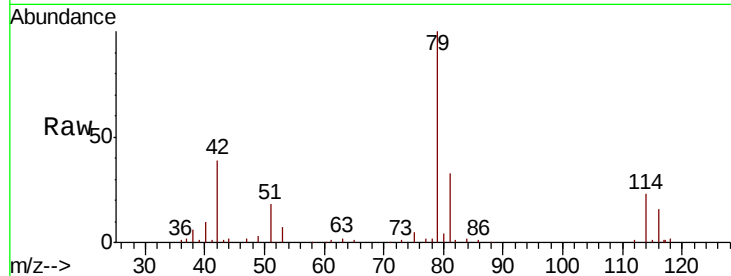




#42
 cis-1,3-Dichloropropene
 Concen: 0.539 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016391.D
 Acq: 27 Aug 2020 16:03

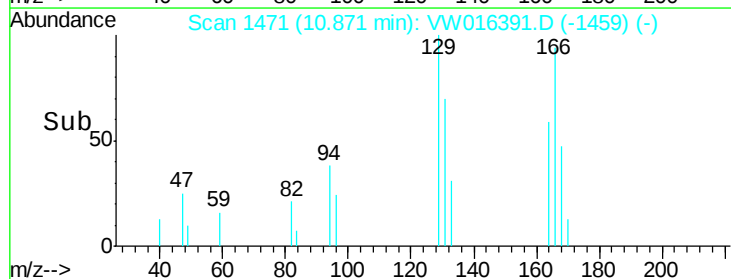
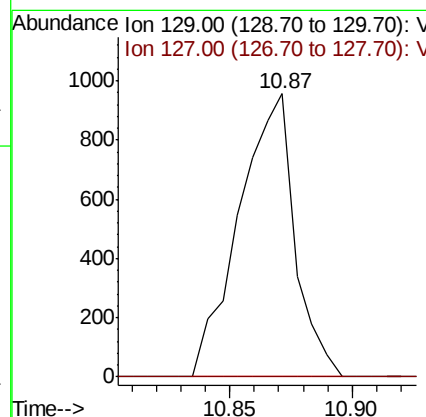
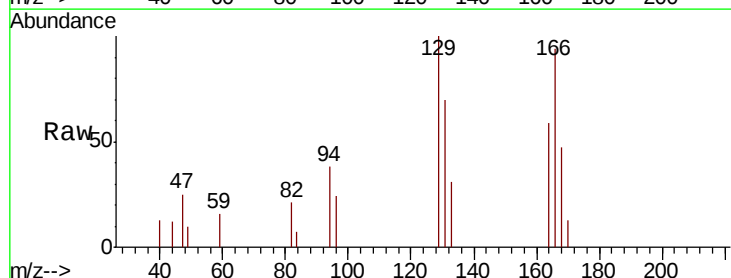
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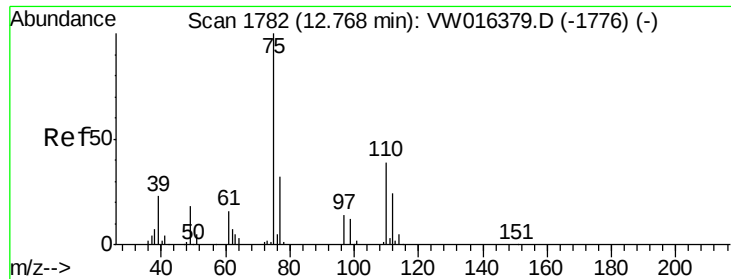
Tot Ion: 75 Resp: 2864
 Ion Ratio Lower Upper
 75 100
 77 35.0 22.0 40.8



#50
 Dibromochloromethane
 Concen: 0.455 ug/L
 RT: 10.87 min Scan# 1471
 Delta R.T. -0.26 min
 Lab File: VW016391.D
 Acq: 27 Aug 2020 16:03

Tgt Ion: 129 Resp: 1517
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 99.8#





#59

1,2,3-Trichloropropane

Concen: 5.305 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016391.D

Acq: 27 Aug 2020 16:03

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

Tot Ion: 75 Resp: 12287

Ion Ratio Lower Upper

75 100

77 37.9 27.1 40.7

