

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102220\
 Data File : VW016972.D
 Acq On : 22 Oct 2020 16:11
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Quant Time: Oct 23 02:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	495316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451522	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211918	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136855	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
7) Chloroethane-d5	2.89	69	105532	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	4.03	63	195793	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	7.09	46	62541	58.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.16%
24) Chloroform-d	7.65	84	273142	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	138358	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	8.27	84	575622	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	9.28	67	156215	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	539226	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.76%
38) trans-1,3-Dichloropropene-	10.58	79	66409	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.93	63	52801	60.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130830	27.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	198700	26.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.72%

Target Compounds

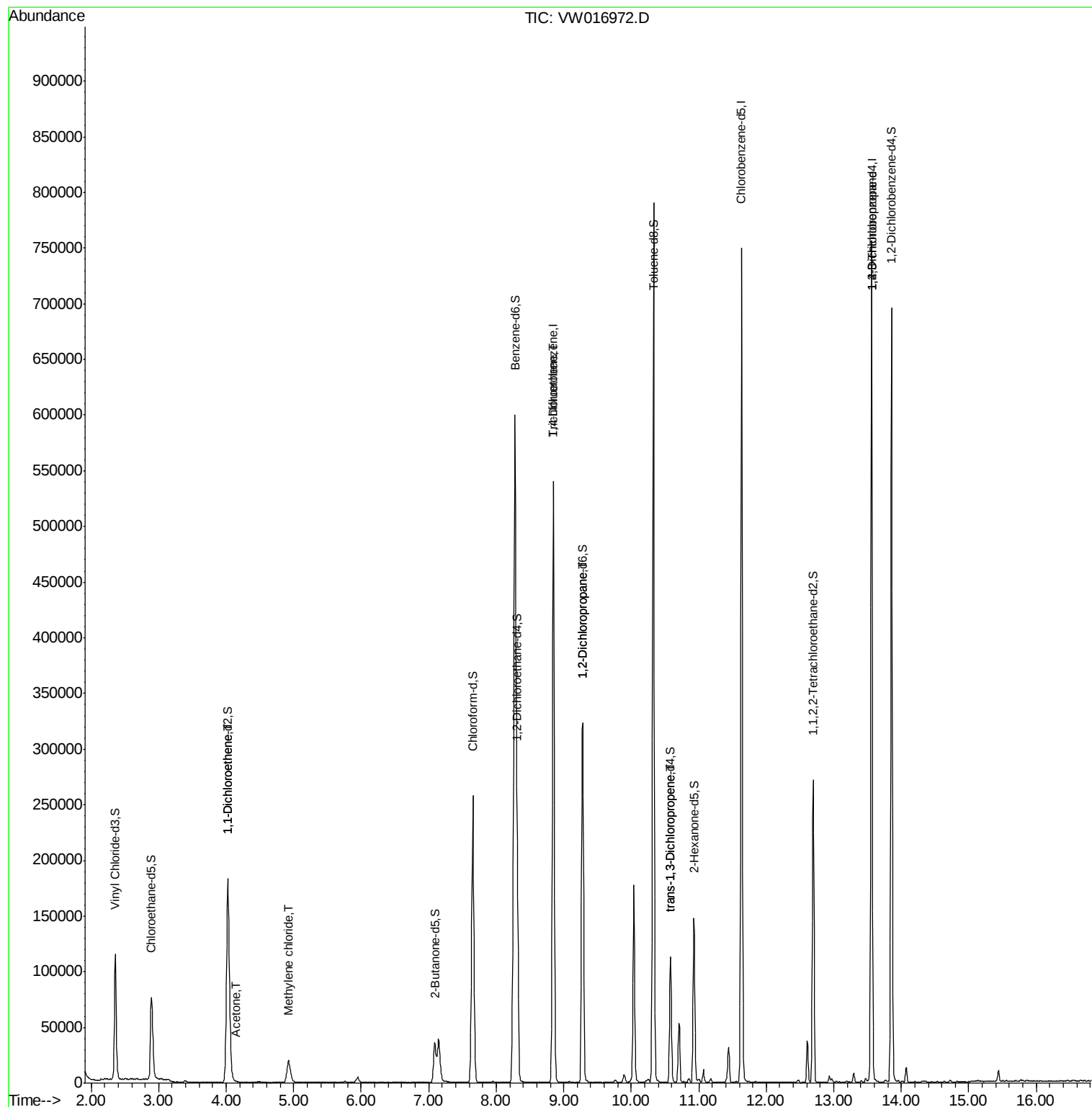
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1934	0.298 ug/L #	1
13) Acetone	4.15	43	711	0.981 ug/L	72
16) Methylene chloride	4.92	84	18415	2.812 ug/L	99
35) Trichloroethene	8.84	95	13645	1.975 ug/L #	1
40) 1,2-Dichloropropane	9.27	63	16835	3.022 ug/L #	84
45) trans-1,3-Dichloropropene	10.58	75	2876	0.399 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	21306	6.221 ug/L	90

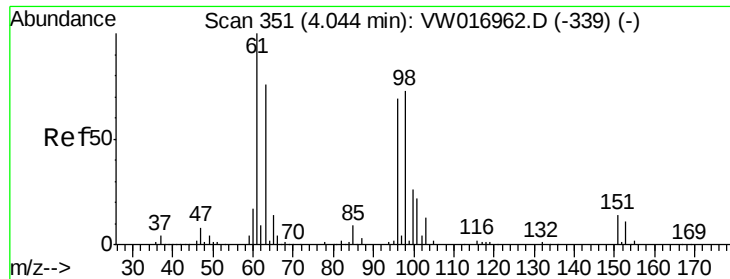
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.298 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW016972.D

Acq: 22 Oct 2020 16:11

Instrument :

MSVOA_W

ClientSampled :

VIBLK22

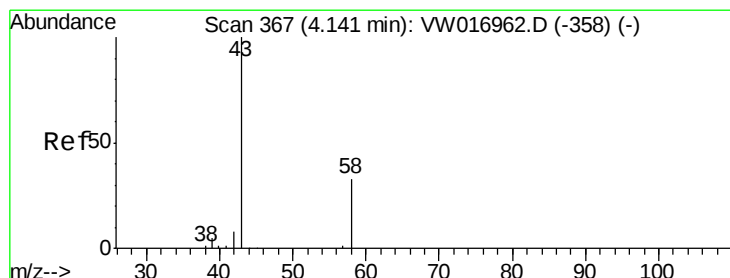
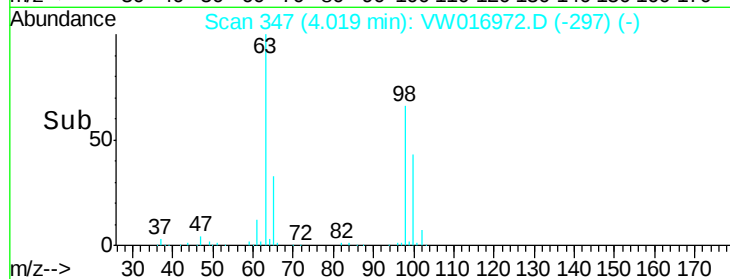
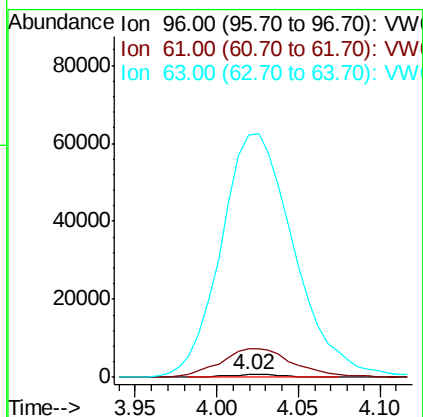
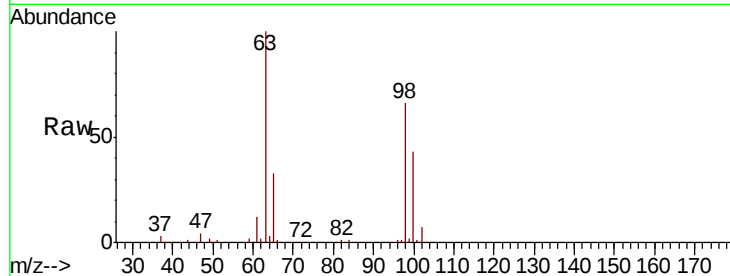
Tot Ion: 96 Resp: 1934

Ion Ratio Lower Upper

96 100

61 1184.6 101.4 188.4#

63 9828.2 78.5 145.9#



#13

Acetone

Concen: 0.981 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016972.D

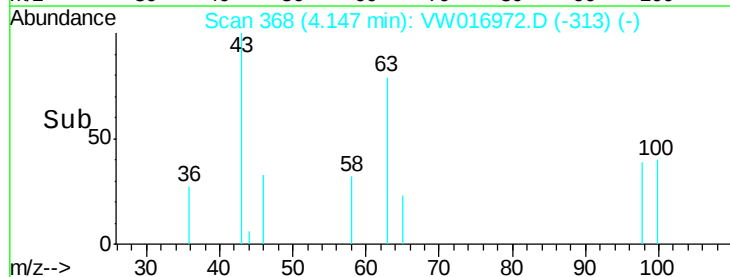
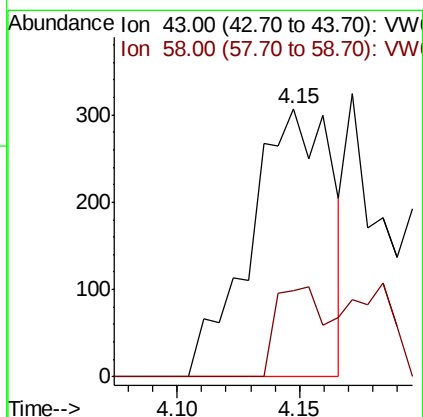
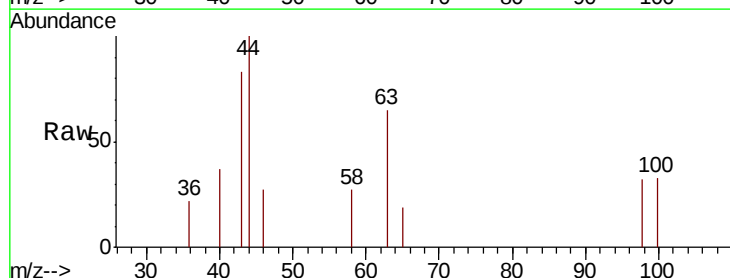
Acq: 22 Oct 2020 16:11

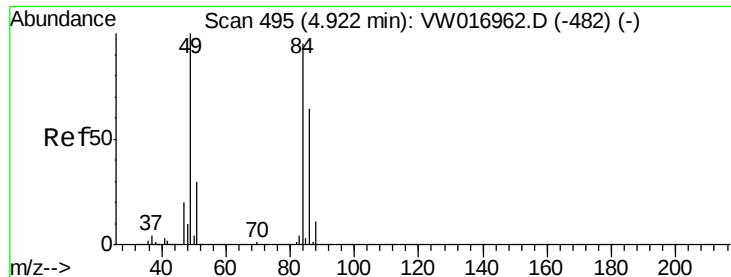
Tgt Ion: 43 Resp: 711

Ion Ratio Lower Upper

43 100

58 18.4 0.0 69.8

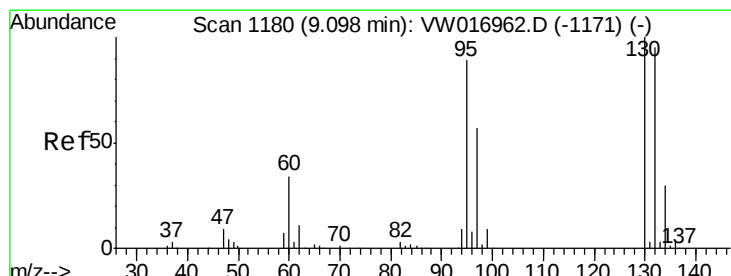
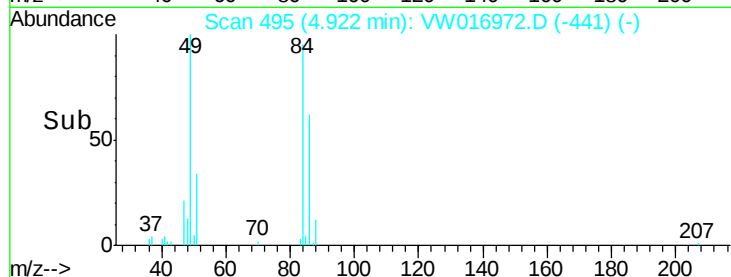
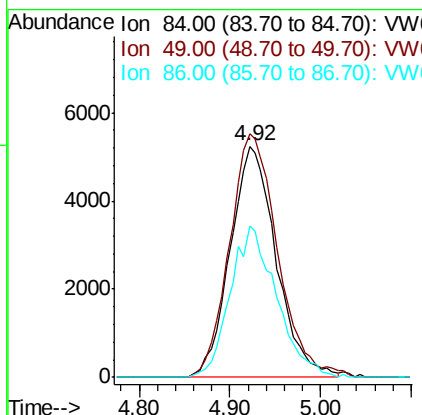
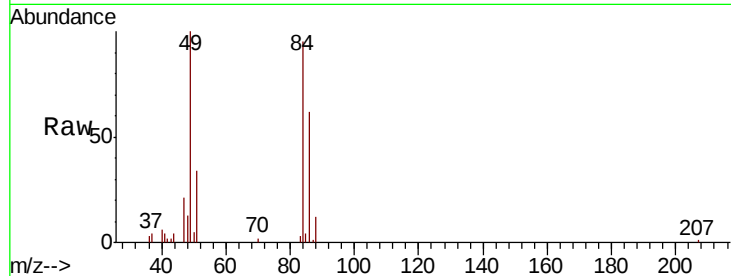




#16
Methvlene chloride
Concen: 2.812 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016972.D
Acq: 22 Oct 2020 16:11

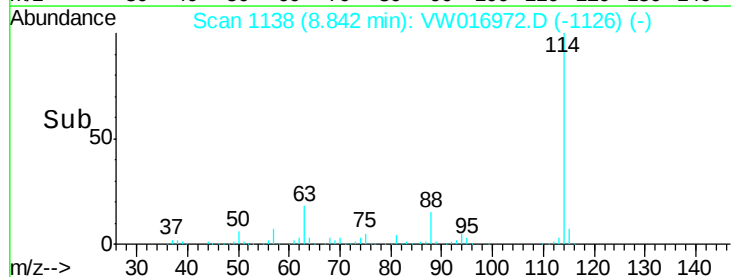
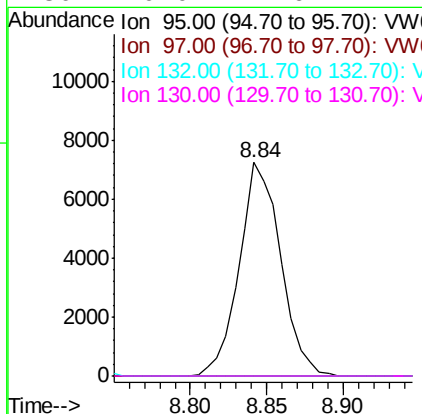
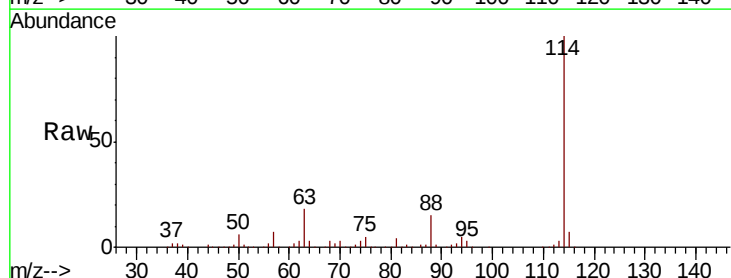
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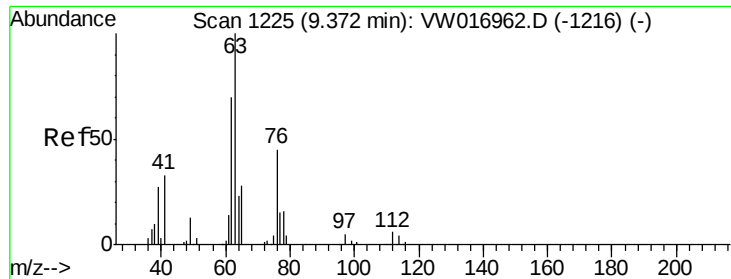
Tot Ion: 84 Resp: 18415
Ion Ratio Lower Upper
84 100
49 105.3 73.8 137.0
86 65.5 47.4 88.0



#35
Trichloroethene
Concen: 1.975 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.26 min
Lab File: VW016972.D
Acq: 22 Oct 2020 16:11

Tgt Ion: 95 Resp: 13645
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.9 137.3#
130 0.0 77.6 144.2#

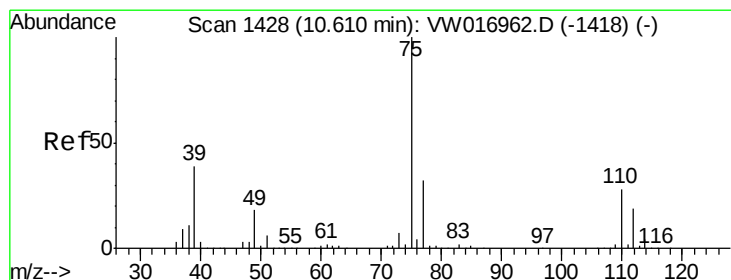
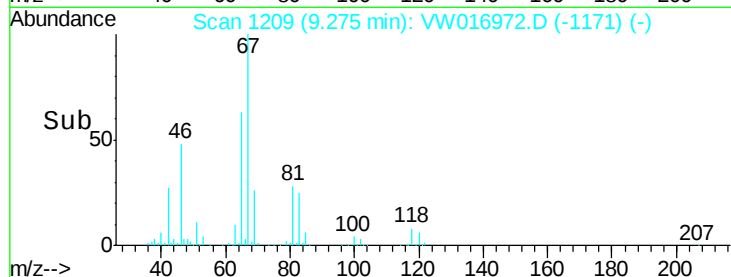
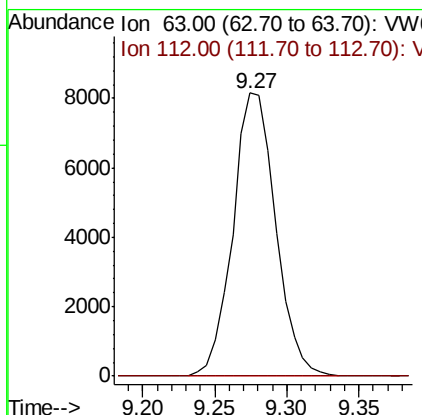
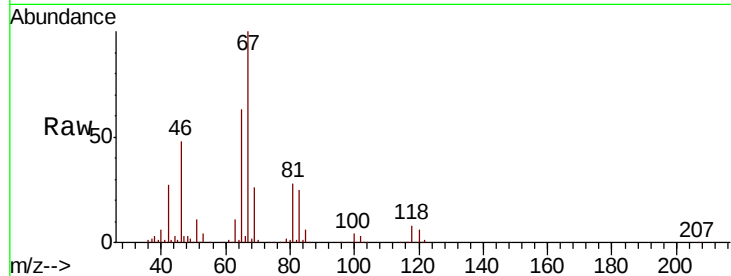




#40
 1,2-Dichloropropane
 Concen: 3.022 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016972.D
 Acq: 22 Oct 2020 16:11

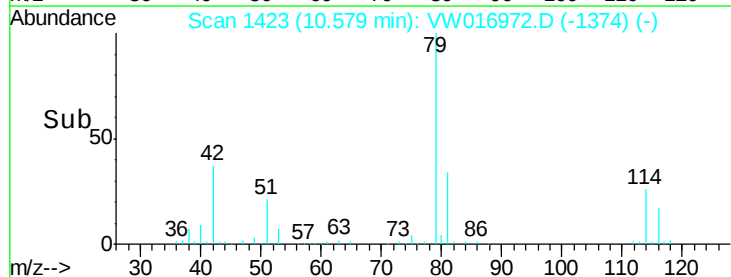
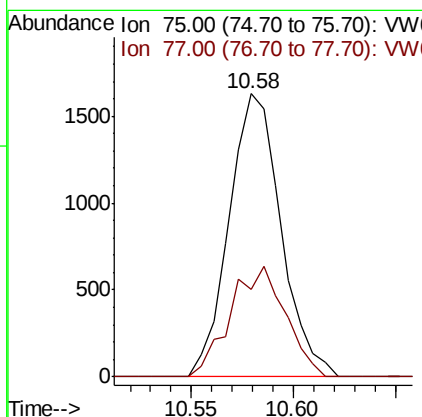
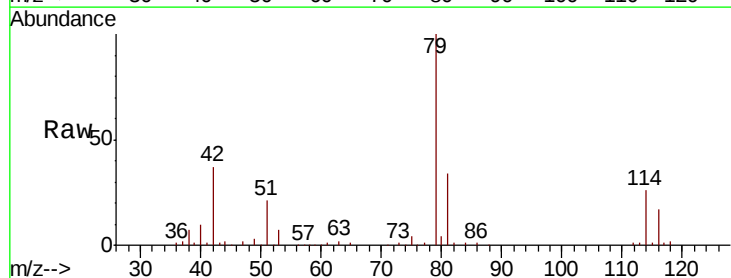
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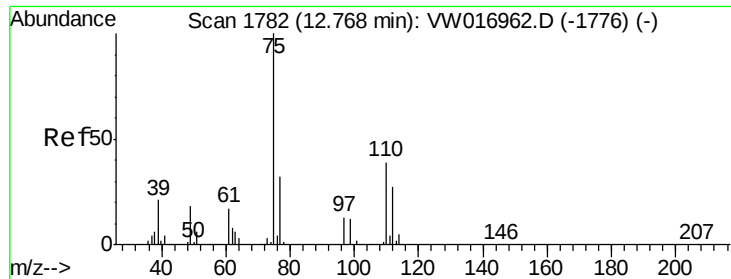
Tot Ion: 63 Resp: 16835
 Ion Ratio Lower Upper
 63 100
 112 0.1 4.5 6.7#



#45
 trans-1,3-Dichloropropene
 Concen: 0.399 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW016972.D
 Acq: 22 Oct 2020 16:11

Tgt Ion: 75 Resp: 2876
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.7 42.3





#59

1,2,3-Trichloropropane

Concen: 6.221 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016972.D

Acq: 22 Oct 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

VIBLK22

Tot Ion: 75 Resp: 21306

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

