

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016980.D
 Acq On : 23 Oct 2020 13:56
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:33:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	535660	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153649	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
7) Chloroethane-d5	2.89	69	116781	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.03	63	217346	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.09	46	51364	44.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.22%
24) Chloroform-d	7.65	84	288419	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.31	65	140211	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.28	84	604524	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.28	67	162759	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	10.33	98	578591	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	64928	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	10.93	63	43928	46.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119613	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	203059	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

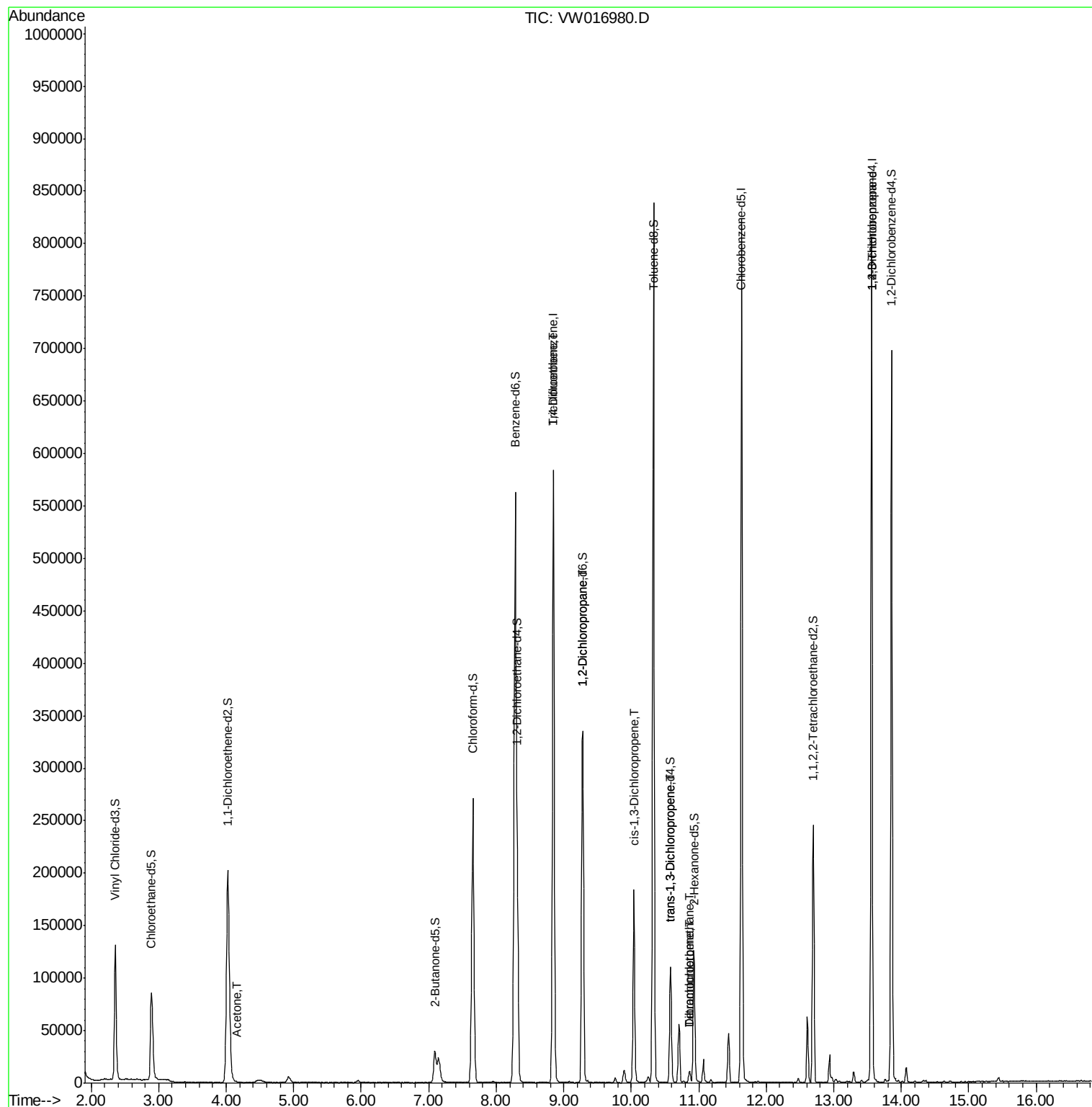
					Ovalue
13) Acetone	4.16	43	236	0.301 ug/L	63
35) Trichloroethene	8.84	95	14628	1.965 ug/L #	1
40) 1,2-Dichloropropane	9.27	63	18065	3.010 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4794	0.511 ug/L #	60
45) trans-1,3-Dichloropropene	10.59	75	2760	0.355 ug/L	96
47) Tetrachloroethene	10.87	164	2609	0.381 ug/L	92
50) Dibromochloromethane	10.87	129	2233	0.382 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	23053	6.247 ug/L	94

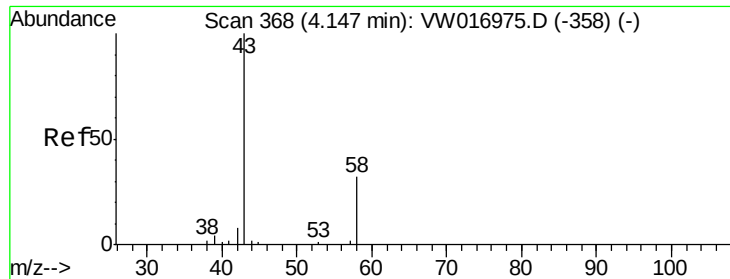
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.301 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016980.D

Acq: 23 Oct 2020 13:56

Instrument :

MSVOA_W

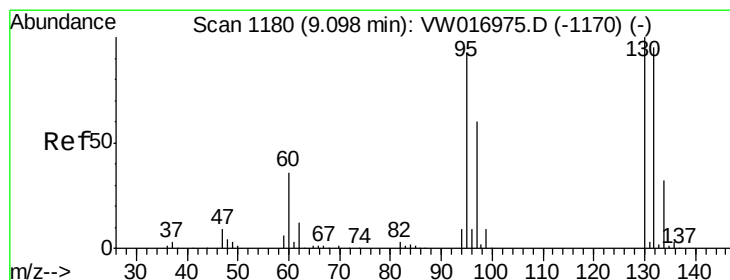
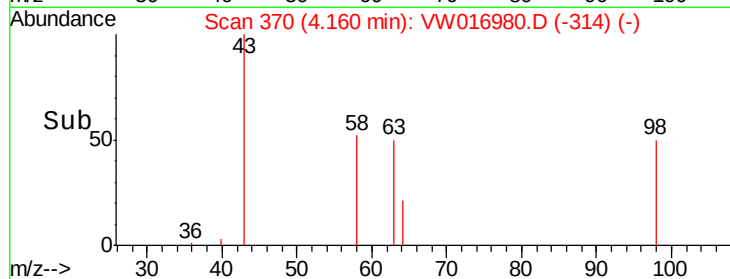
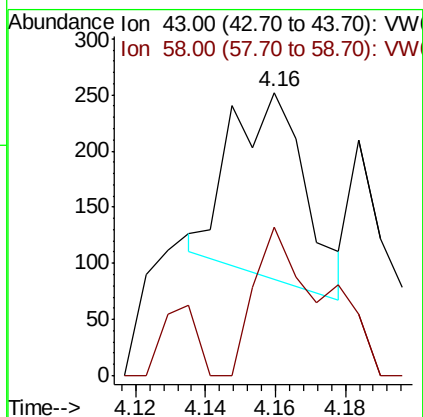
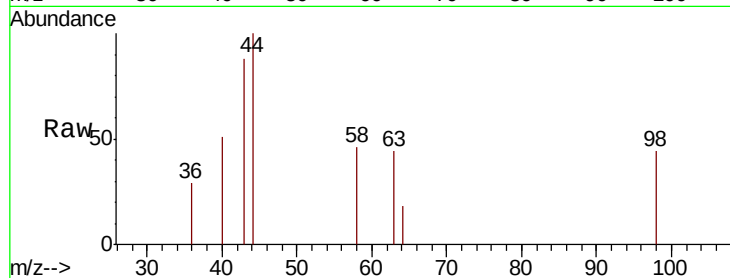
ClientSampleId :

Tot Ion: 43 Resp: 236

Ion Ratio Lower Upper

43 100

58 56.4 0.0 69.8



#35

Trichloroethene

Concen: 1.965 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW016980.D

Acq: 23 Oct 2020 13:56

Tgt Ion: 95 Resp: 14628

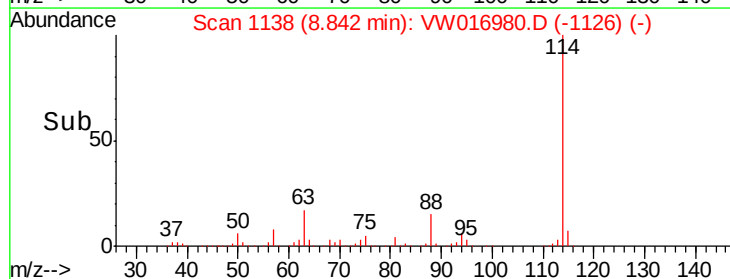
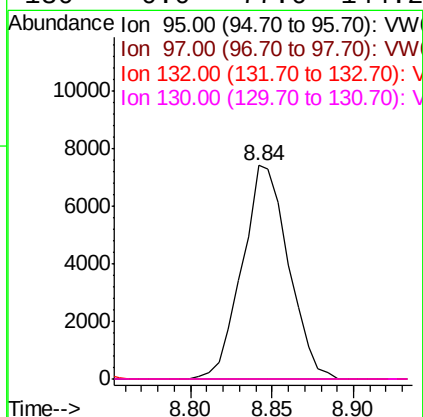
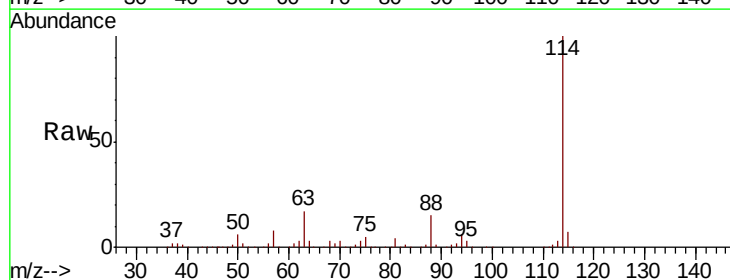
Ion Ratio Lower Upper

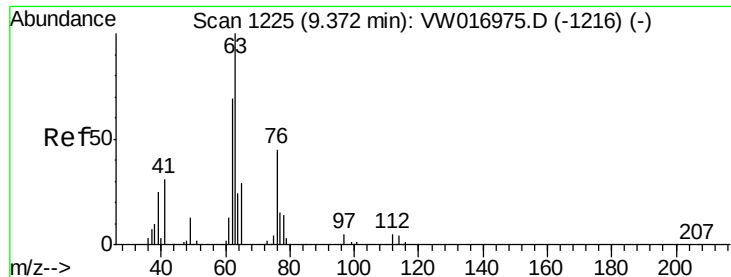
95 100

97 0.2 46.0 85.4#

132 0.0 73.9 137.3#

130 0.0 77.6 144.2#





#40

1,2-Dichloropropane

Concen: 3.010 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016980.D

Acq: 23 Oct 2020 13:56

Instrument :

MSVOA_W

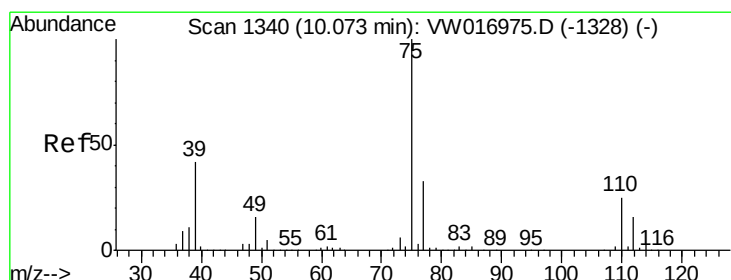
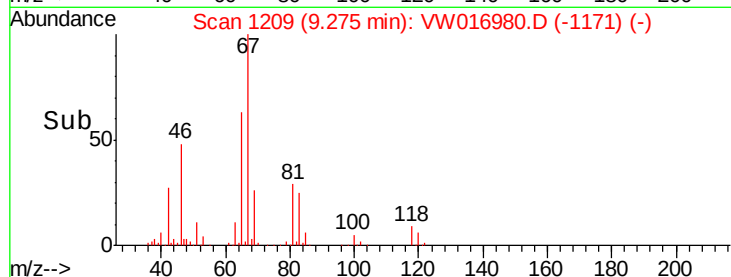
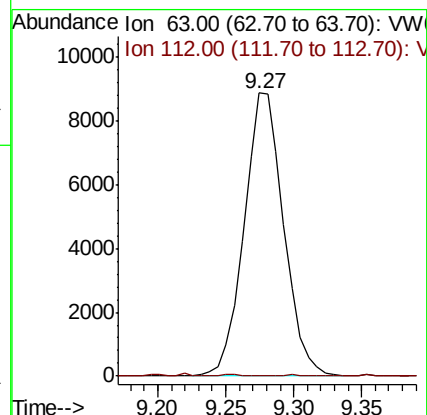
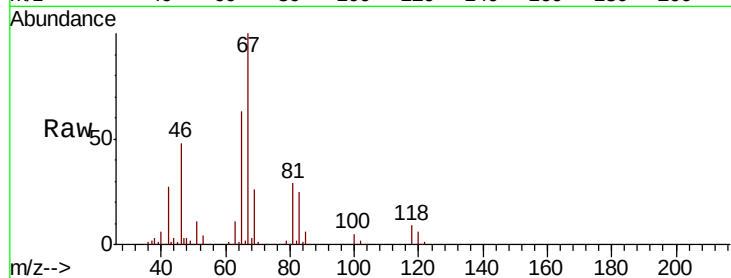
ClientSampleId :

Tot Ion: 63 Resp: 18065

Ion Ratio Lower Upper

63 100

112 0.2 4.5 6.7#



#42

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016980.D

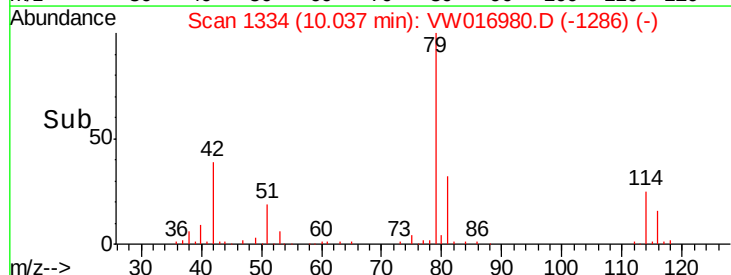
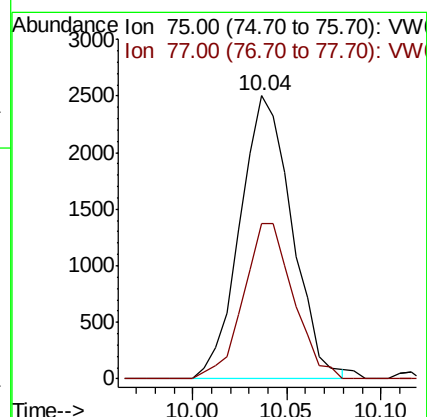
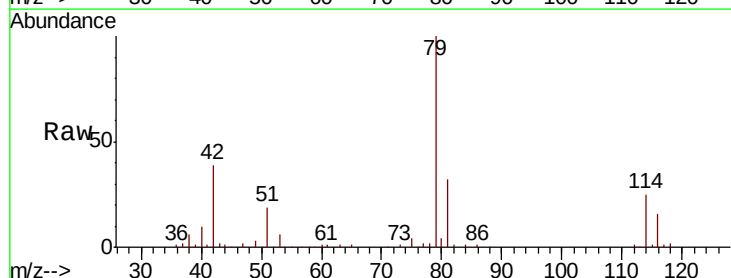
Acq: 23 Oct 2020 13:56

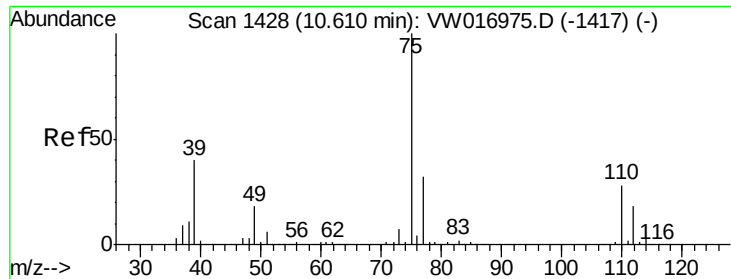
Tgt Ion: 75 Resp: 4794

Ion Ratio Lower Upper

75 100

77 54.7 22.7 42.1#

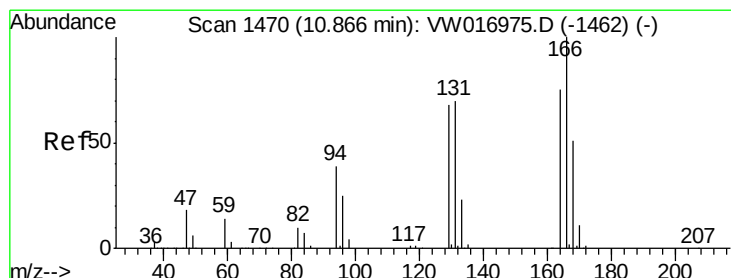
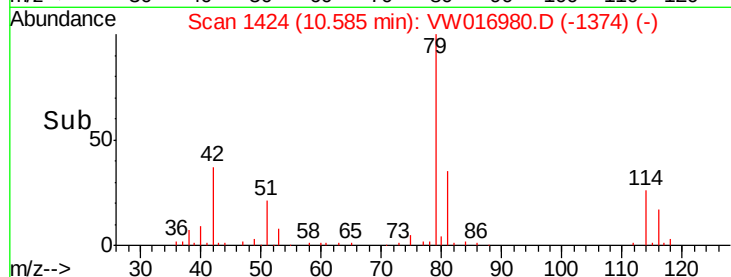
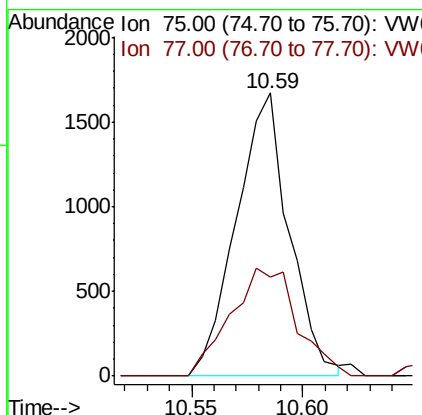
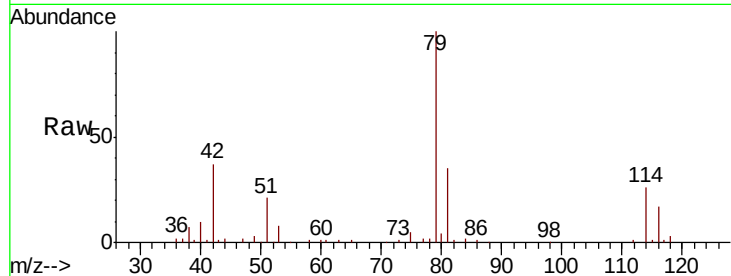




#45
trans-1,3-Dichloropropene
Concen: 0.355 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016980.D
Acq: 23 Oct 2020 13:56

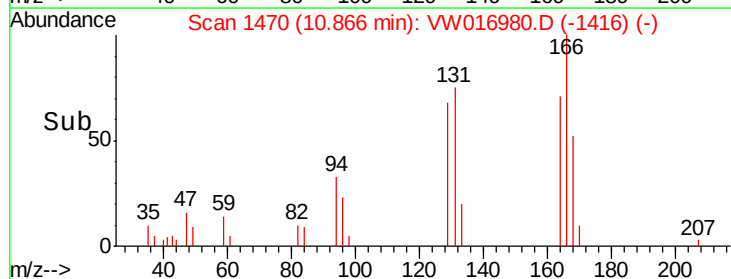
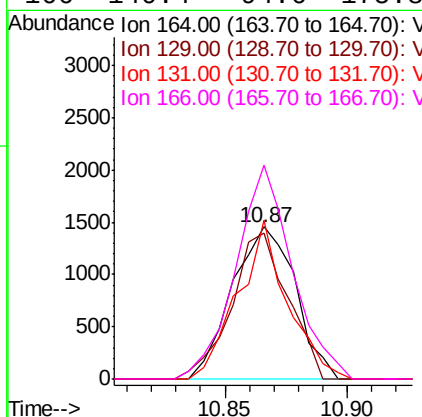
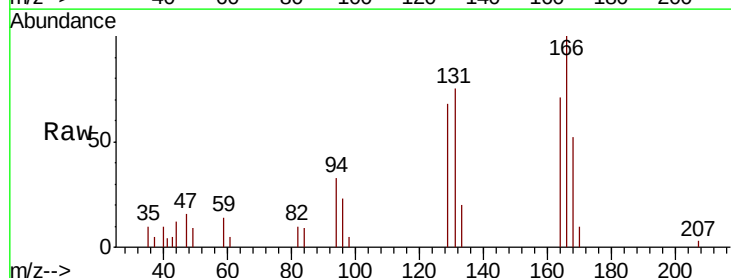
Instrument :
MSVOA_W
ClientSampleId :

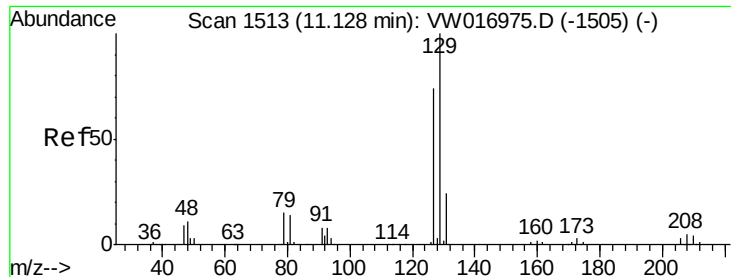
Tot Ion: 75 Resp: 2760
Ion Ratio Lower Upper
75 100
77 34.9 22.7 42.3



#47
Tetrachloroethene
Concen: 0.381 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016980.D
Acq: 23 Oct 2020 13:56

Tgt Ion:164 Resp: 2609
Ion Ratio Lower Upper
164 100
129 95.5 64.0 119.0
131 104.6 61.7 114.5
166 140.4 94.6 175.8

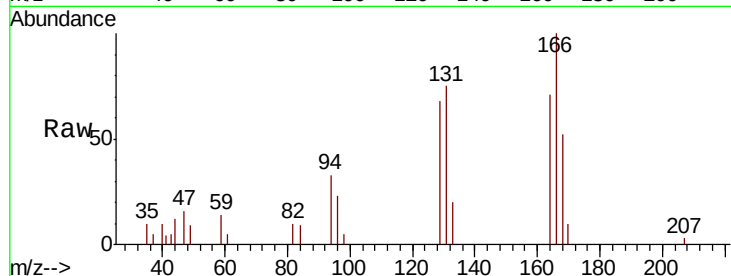




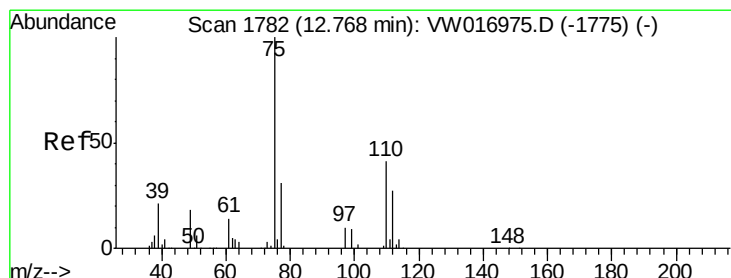
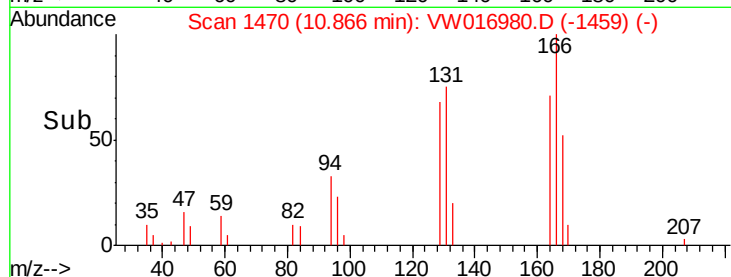
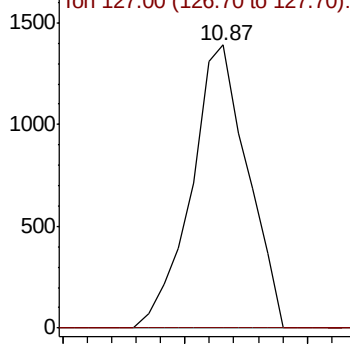
#50
 Dibromochloromethane
 Concen: 0.382 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016980.D
 Acq: 23 Oct 2020 13:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 2233
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

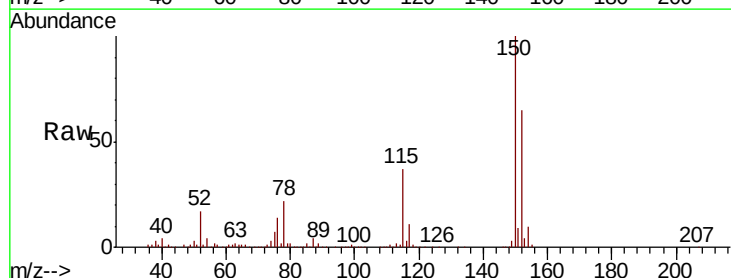


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#59
 1,2,3-Trichloropropane
 Concen: 6.247 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016980.D
 Acq: 23 Oct 2020 13:56

Tgt Ion: 75 Resp: 23053
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW

