

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016338.D
 Acq On : 24 Aug 2020 18:16
 Operator : SY/VA
 Sample : L3789-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFW50

Quant Time: Aug 25 05:31:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	336890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309989	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134497	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55438	15.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.64%
7) Chloroethane-d5	2.89	69	48294	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
10) 1,1-Dichloroethene-d2	4.02	63	105417	12.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.36%
20) 2-Butanone-d5	7.08	46	45152	44.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.28%
24) Chloroform-d	7.65	84	176790	20.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.52%
26) 1,2-Dichloroethane-d4	8.30	65	95236	21.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.16%
29) Benzene-d6	8.27	84	333134	19.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.00%
33) 1,2-Dichloropropane-d6	9.27	67	100094	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.60%
37) Toluene-d8	10.33	98	302902	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.20%
38) trans-1,3-Dichloropropene-	10.58	79	43924	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.04%
39) 2-Hexanone-d5	10.93	63	38888	50.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91315	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	116165	22.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.08%

Target Compounds

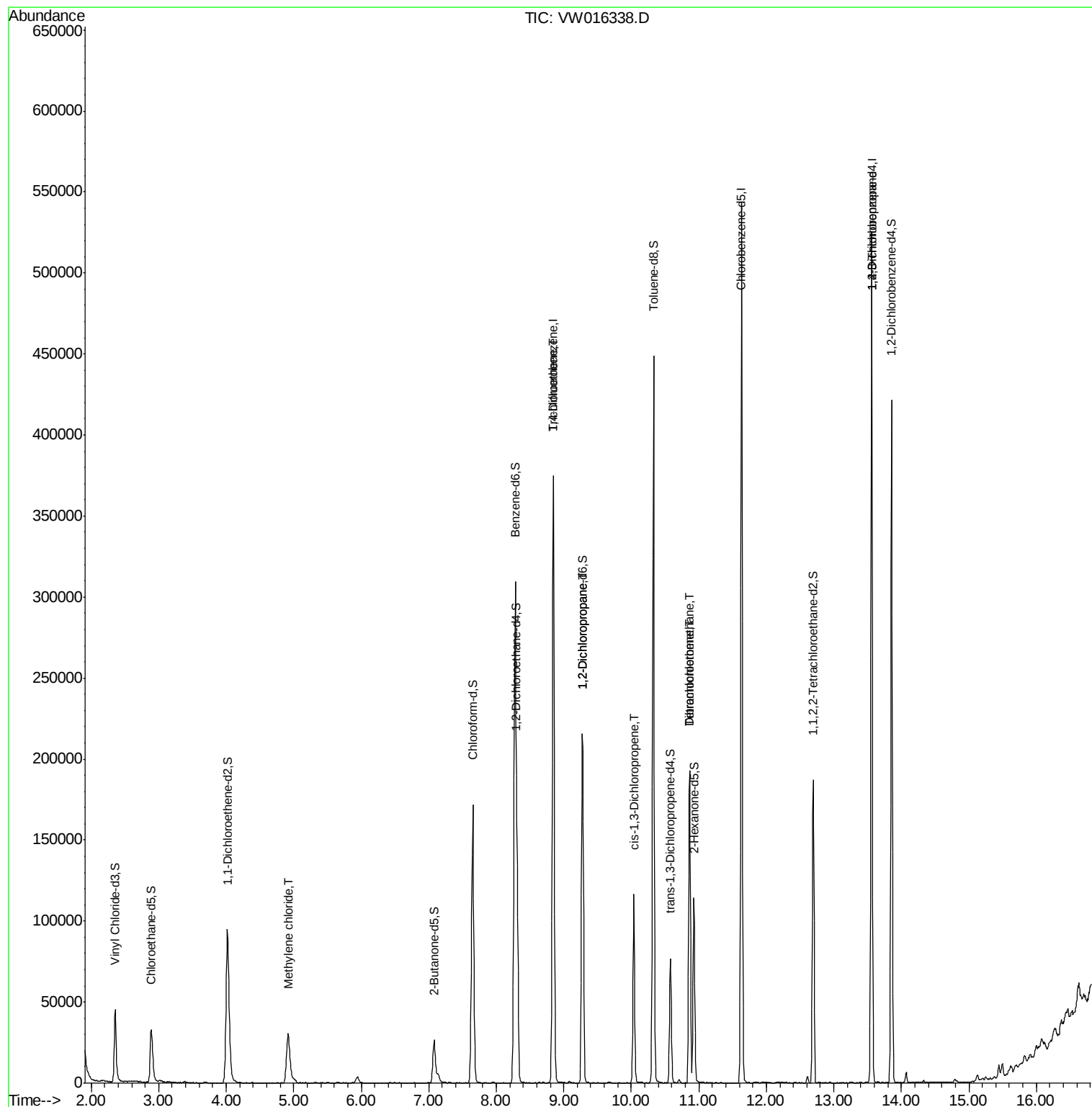
					Ovalue
16) Methylene chloride	4.92	84	28794	4.623 ug/L	98
35) Trichloroethene	8.84	95	10744	2.134 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	11736	2.807 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2994	0.437 ug/L #	75
47) Tetrachloroethene	10.87	164	43121	10.862 ug/L	93
50) Dibromochloromethane	10.86	129	43514	10.123 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15808	5.300 ug/L	96

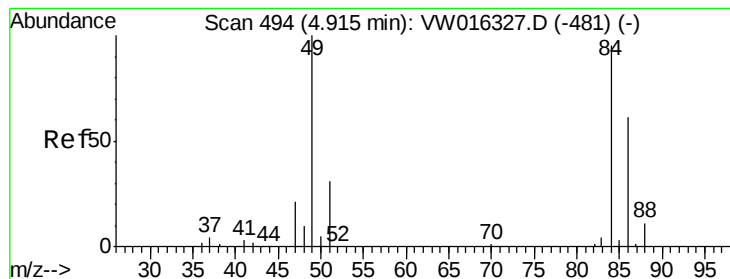
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 25 05:29:05 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 4.623 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016338.D

Acq: 24 Aug 2020 18:16

Instrument :

MSVOA_W

ClientSampleId :

BFS0

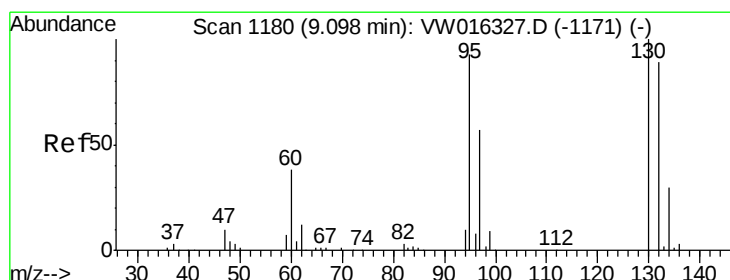
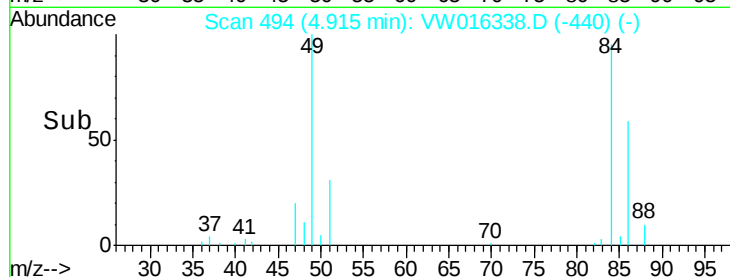
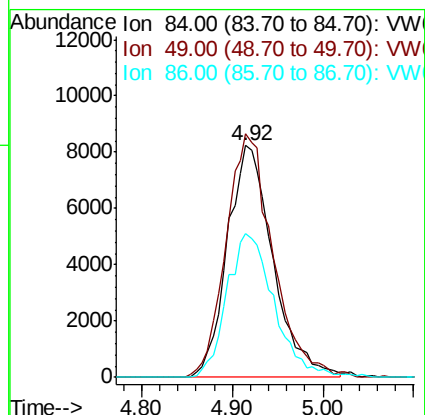
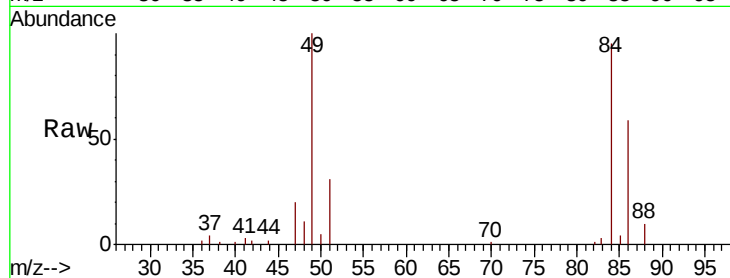
Tot Ion: 84 Resp: 28794

Ion Ratio Lower Upper

84 100

49 105.2 75.3 139.9

86 62.4 43.3 80.3



#35

Trichloroethene

Concen: 2.134 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW016338.D

Acq: 24 Aug 2020 18:16

Tgt Ion: 95 Resp: 10744

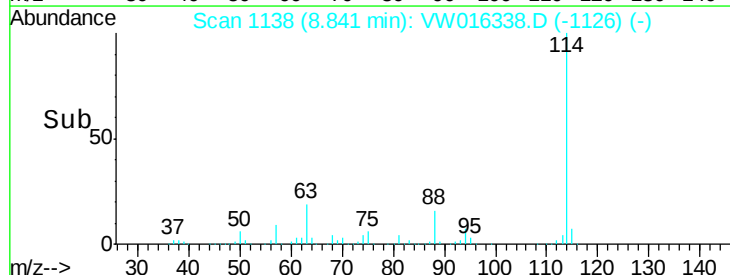
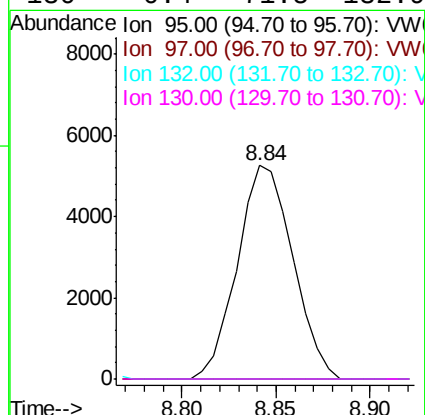
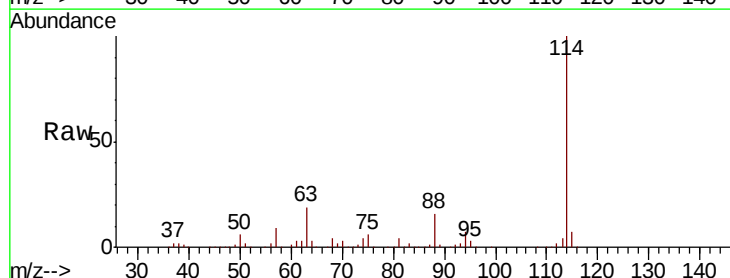
Ion Ratio Lower Upper

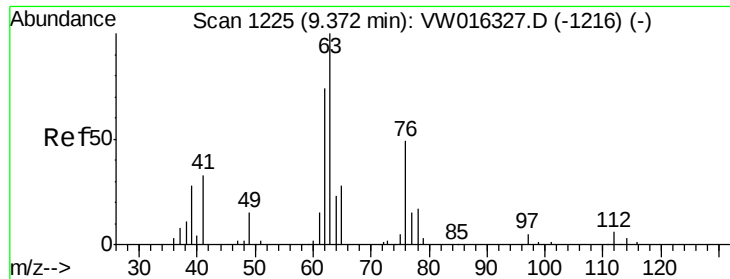
95 100

97 0.0 44.9 83.5#

132 0.5 68.2 126.6#

130 0.4 71.5 132.9#

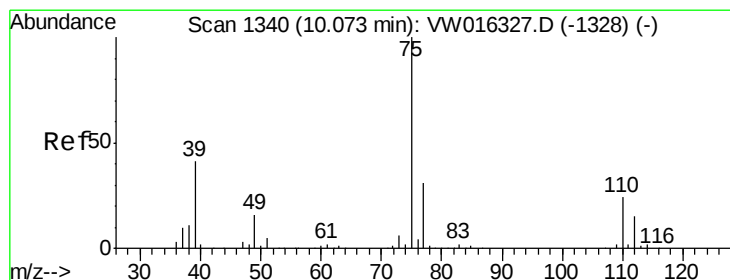
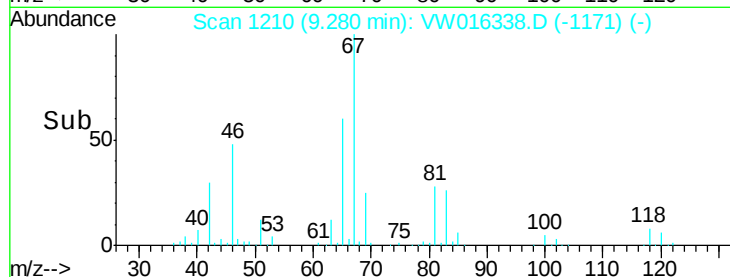
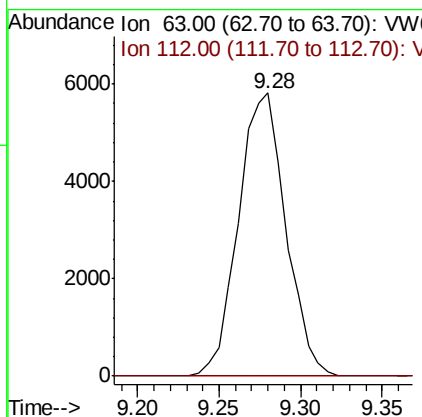
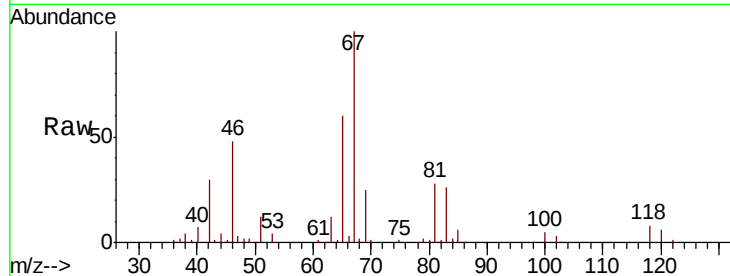




#40
 1,2-Dichloropropane
 Concen: 2.807 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016338.D
 Acq: 24 Aug 2020 18:16

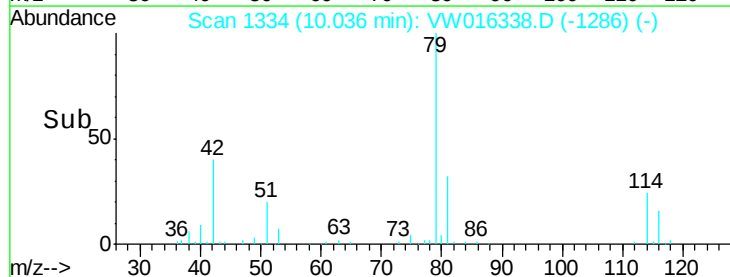
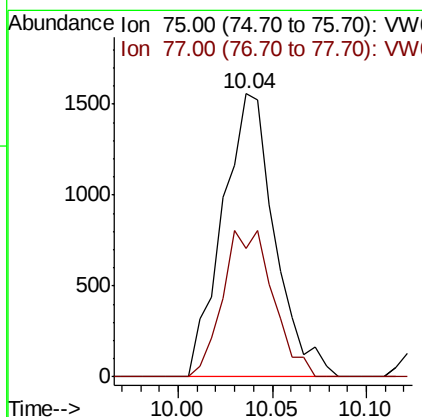
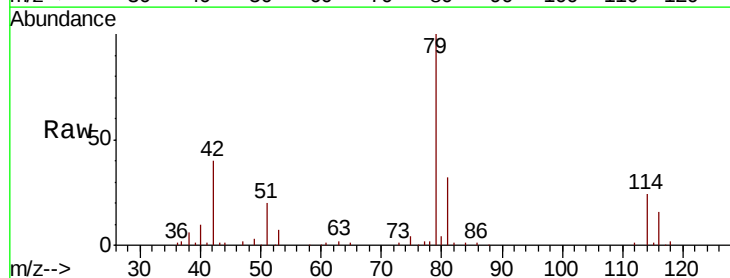
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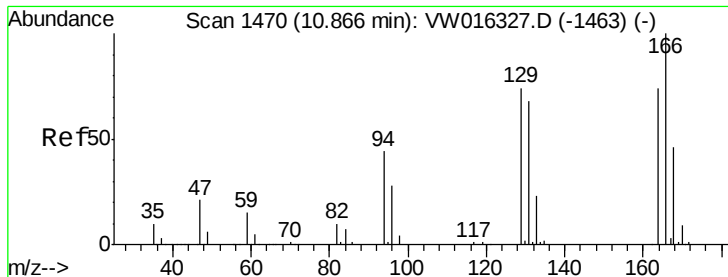
Tot Ion: 63 Resp: 11736
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.4 6.6#



#42
 cis-1,3-Dichloropropene
 Concen: 0.437 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016338.D
 Acq: 24 Aug 2020 18:16

Tgt Ion: 75 Resp: 2994
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.0 40.8#

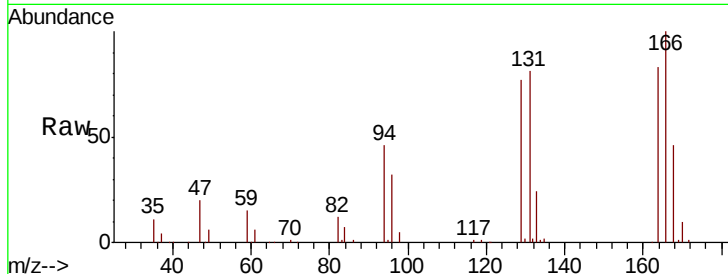




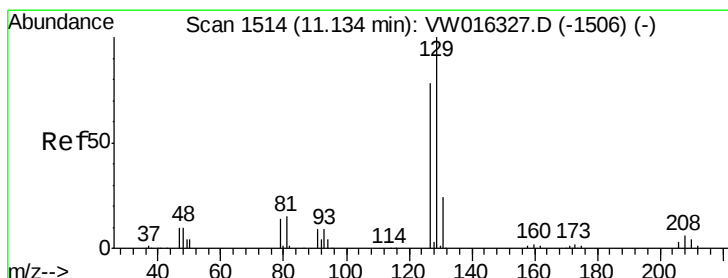
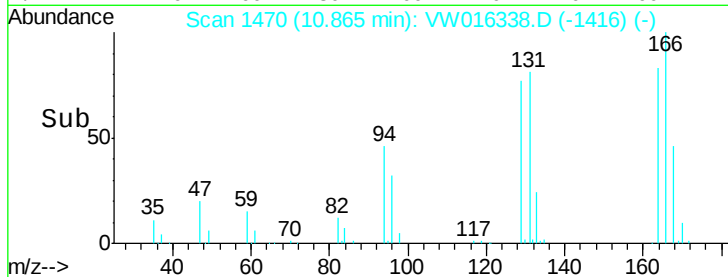
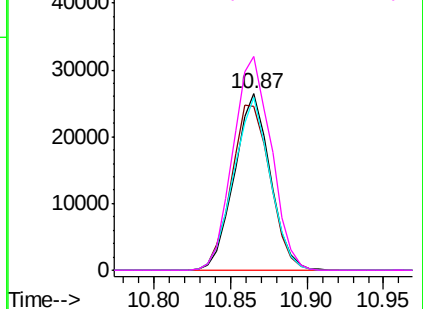
#47
Tetrachloroethene
Concen: 10.862 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016338.D
Acq: 24 Aug 2020 18:16

Instrument :
MSVOA_W
ClientSampleId :
BFWS0

Tot Ion:164 Resp: 43121
Ion Ratio Lower Upper
164 100
129 93.3 71.5 132.7
131 97.7 67.4 125.2
166 121.2 92.5 171.9

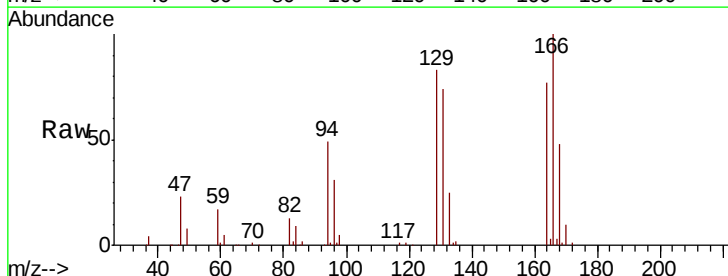


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

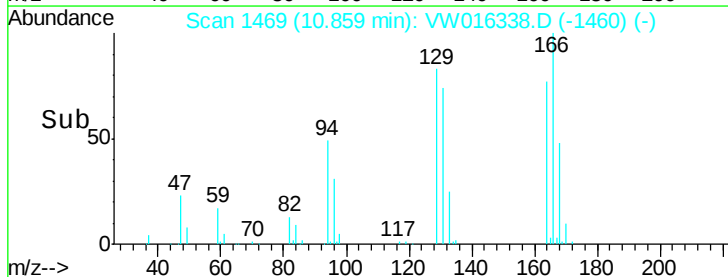
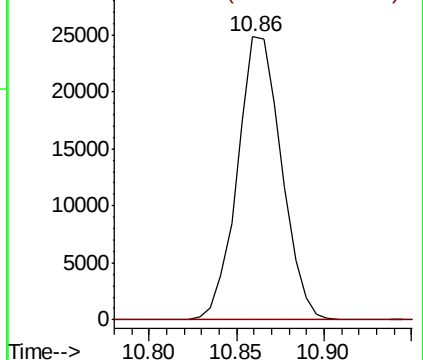


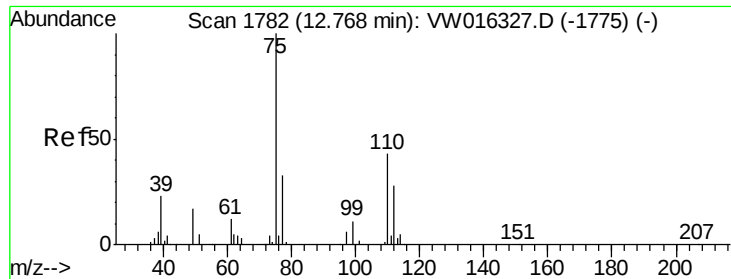
#50
Dibromochloromethane
Concen: 10.123 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW016338.D
Acq: 24 Aug 2020 18:16

Tgt Ion:129 Resp: 43514
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#



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: 5.300 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016338.D

Acq: 24 Aug 2020 18:16

Instrument :

MSVOA_W

ClientSampleId :

BFWS0

Tot Ion: 75 Resp: 15808

Ion Ratio Lower Upper

75 100

77 36.2 27.1 40.7

