

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016745.D
 Acq On : 01 Oct 2020 18:02
 Operator : SY/VA
 Sample : L4203-03
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	638949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	533880	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221022	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	99908	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
7) Chloroethane-d5	2.90	69	97371	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
10) 1,1-Dichloroethene-d2	4.03	63	167217	12.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.36%
20) 2-Butanone-d5	7.09	46	53857	31.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.88%
24) Chloroform-d	7.65	84	284869	21.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	8.31	65	132485	19.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.24%
29) Benzene-d6	8.28	84	538401	22.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.96%
33) 1,2-Dichloropropane-d6	9.28	67	153160	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.40%
37) Toluene-d8	10.33	98	496583	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	10.59	79	52505	16.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.20%
39) 2-Hexanone-d5	10.93	63	41982	35.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108184	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	159453	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

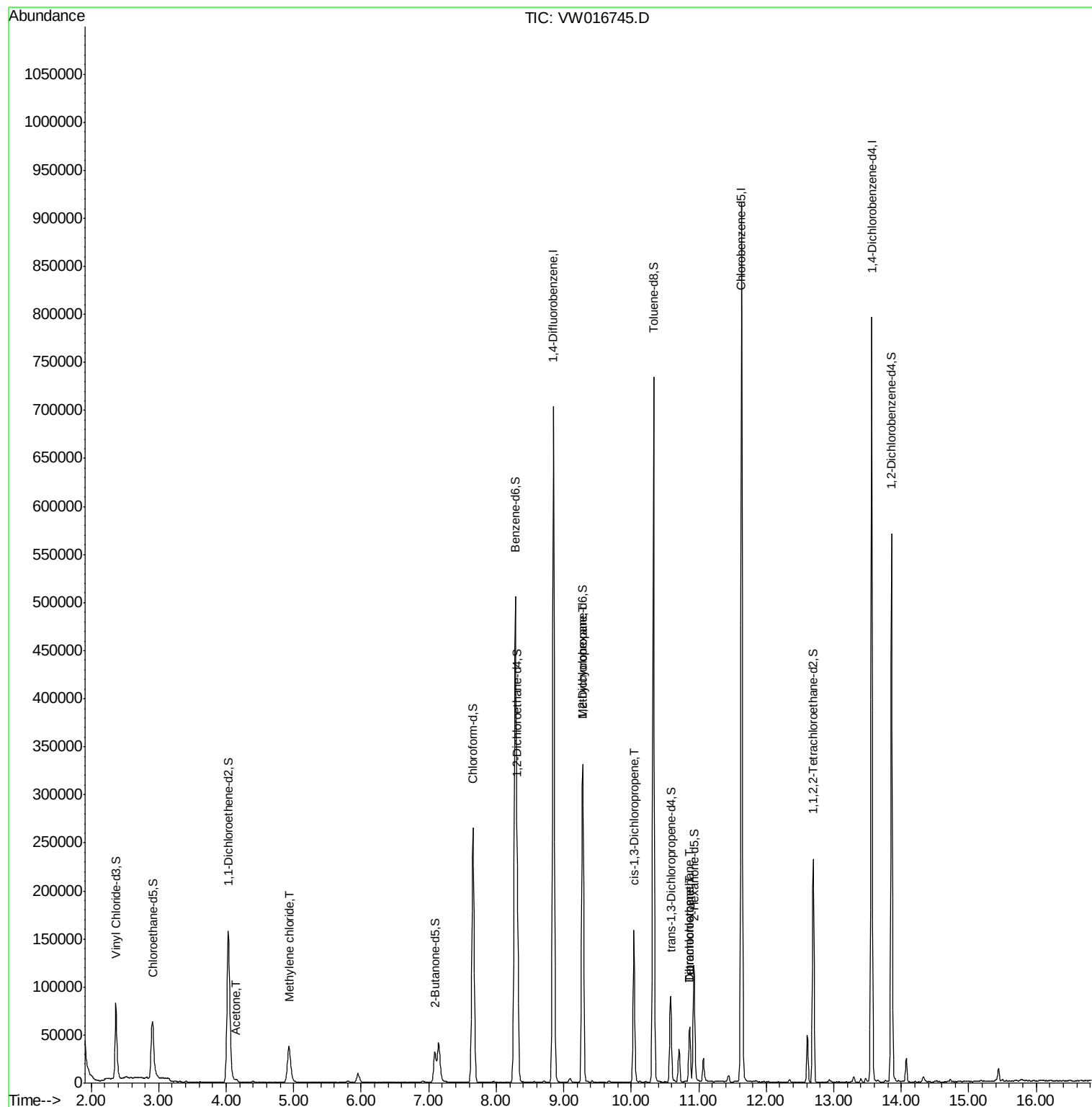
					Ovalue
13) Acetone	4.15	43	2602	1.970 ug/L	91
16) Methylene chloride	4.93	84	35146	3.566 ug/L	94
36) Methylcyclohexane	9.28	83	40848	2.909 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	4158	0.366 ug/L #	78
47) Tetrachloroethene	10.87	164	13697	1.832 ug/L	91
50) Dibromochloromethane	10.87	129	12417	1.696 ug/L #	12

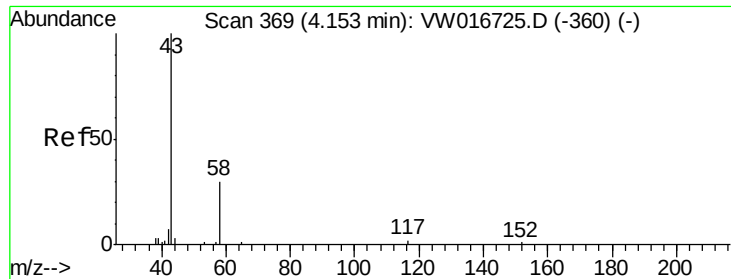
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration

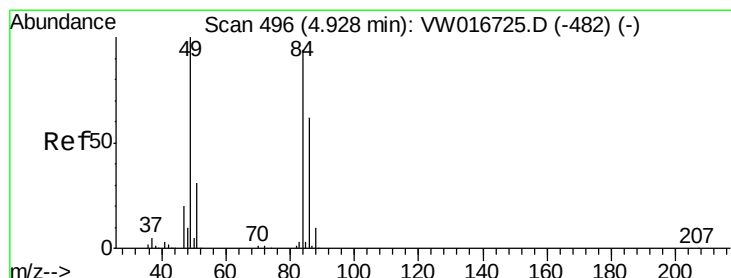
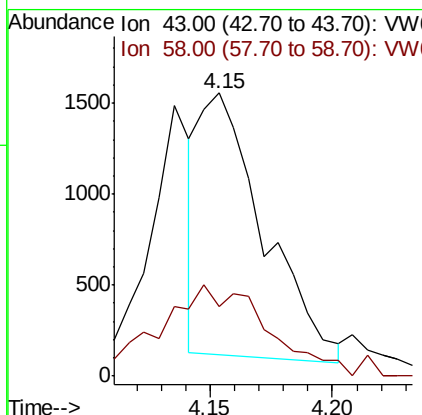
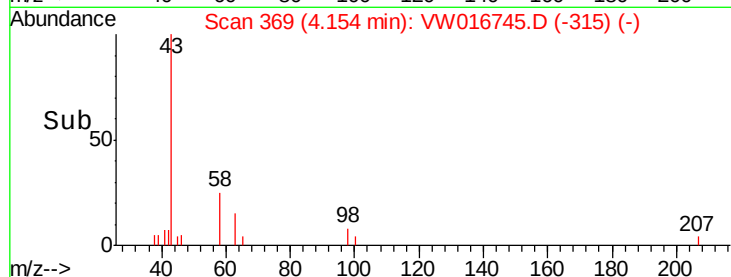
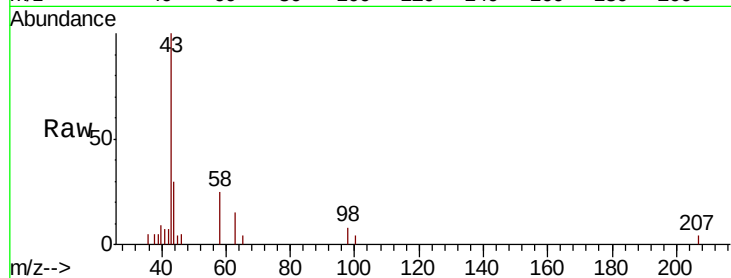




#13
Acetone
Concen: 1.970 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.00 min
Lab File: VW016745.D
Acq: 01 Oct 2020 18:02

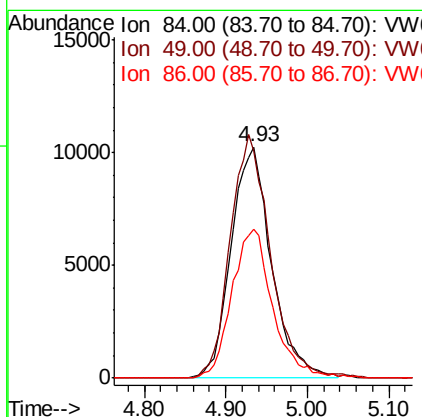
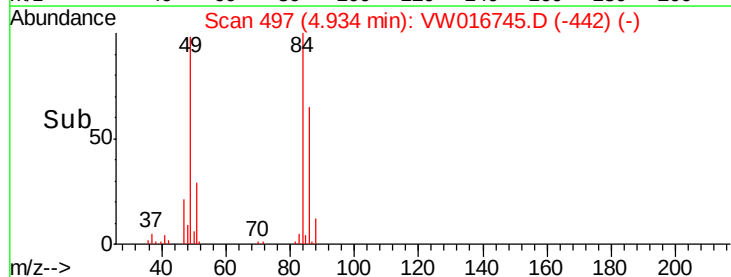
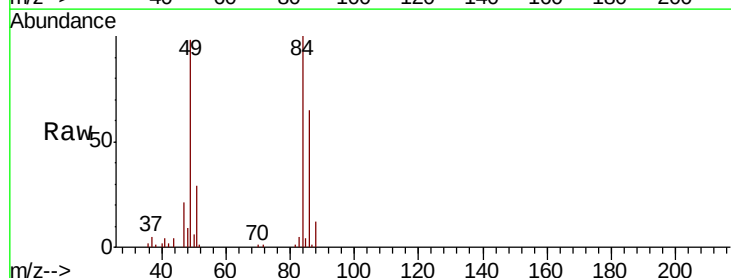
Instrument :
MSVOA_W
ClientSampled :

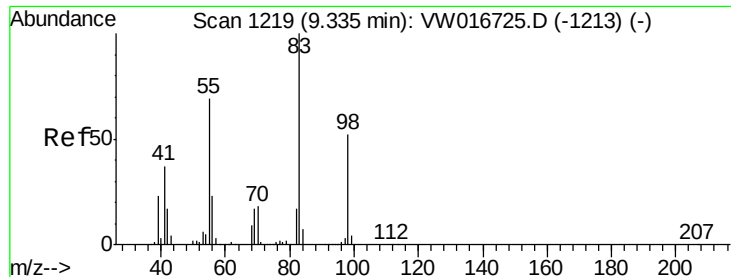
Tot Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
58 25.3 0.0 60.2



#16
Methylene chloride
Concen: 3.566 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016745.D
Acq: 01 Oct 2020 18:02

Tgt Ion: 84 Resp: 35146
Ion Ratio Lower Upper
84 100
49 98.2 76.0 141.2
86 64.6 45.6 84.6

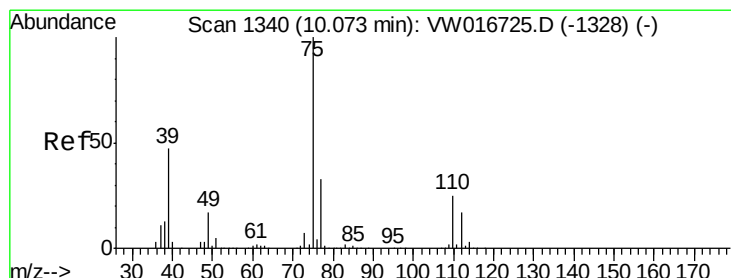
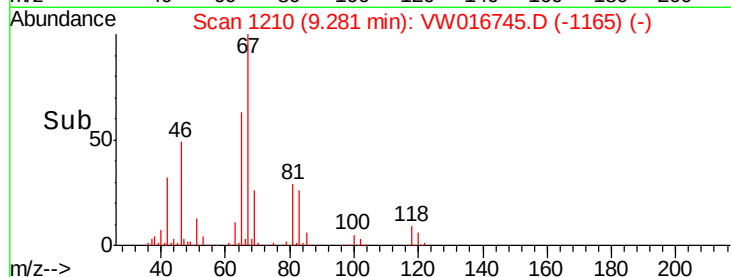
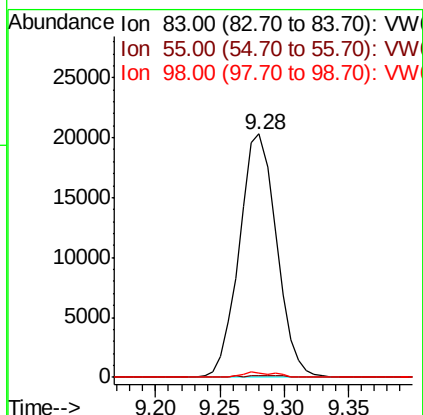
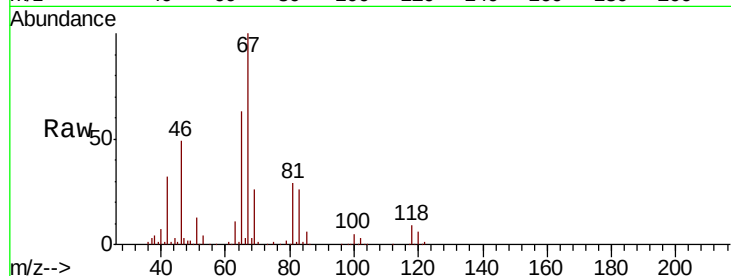




#36
Methylcyclohexane
Concen: 2.909 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016745.D
Acq: 01 Oct 2020 18:02

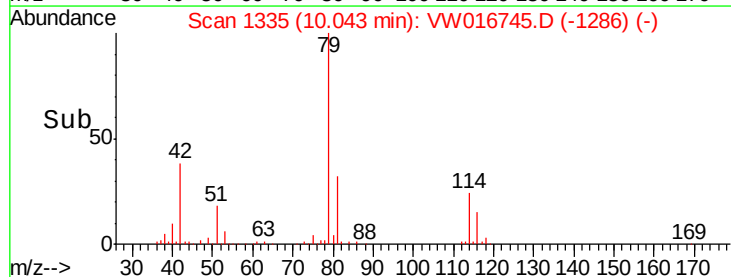
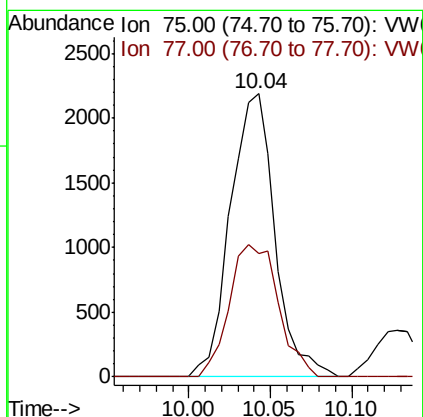
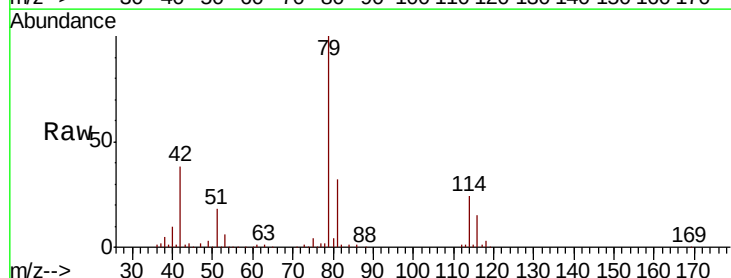
Instrument :
MSVOA_W
ClientSampleId :

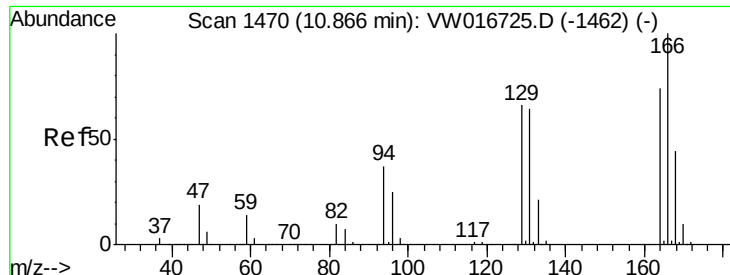
Tot Ion: 83 Resp: 40848
Ion Ratio Lower Upper
83 100
55 0.6 55.9 83.9#
98 1.9 42.1 63.1#



#42
cis-1,3-Dichloropropene
Concen: 0.366 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016745.D
Acq: 01 Oct 2020 18:02

Tgt Ion: 75 Resp: 4158
Ion Ratio Lower Upper
75 100
77 43.7 22.2 41.2#





#47

Tetrachloroethene

Concen: 1.832 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016745.D

Acq: 01 Oct 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 13697

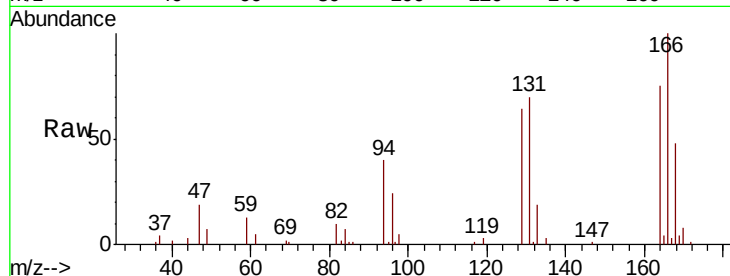
Ion Ratio Lower Upper

164 100

129 84.6 55.6 103.2

131 92.5 57.2 106.2

166 132.7 86.5 160.6

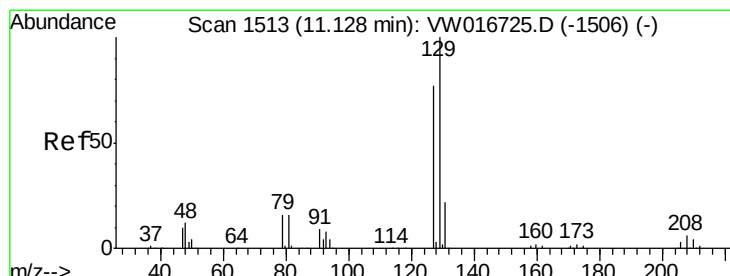
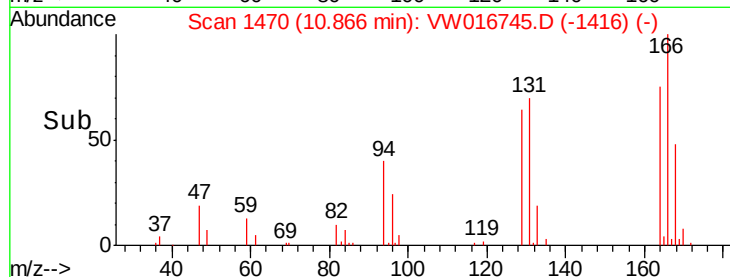
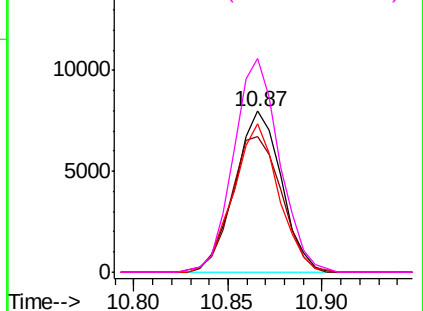


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.696 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016745.D

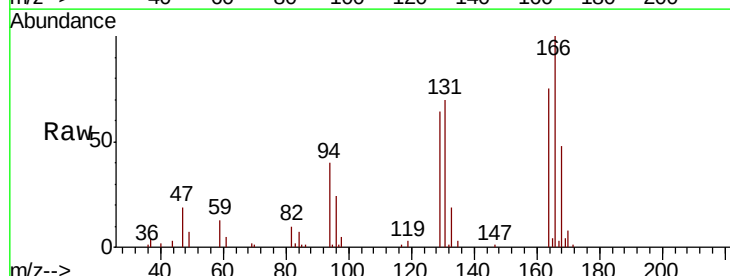
Acq: 01 Oct 2020 18:02

Tgt Ion:129 Resp: 12417

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

