

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016271.D
 Acq On : 20 Aug 2020 17:09
 Operator : SY/VA
 Sample : L3767-12RE
 Misc : 5.55G/12ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:31:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	295658	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116299	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61775	16.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.40%
7) Chloroethane-d5	2.89	69	51796	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
10) 1,1-Dichloroethene-d2	4.02	63	107551	13.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.24%
20) 2-Butanone-d5	7.08	46	36604	37.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.90%
24) Chloroform-d	7.65	84	176124	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	88754	21.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.24%
29) Benzene-d6	8.27	84	329100	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
33) 1,2-Dichloropropane-d6	9.27	67	99380	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.33	98	297425	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.68%
38) trans-1,3-Dichloropropene-	10.58	79	41454	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	30927	40.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.48%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	81839	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	109315	26.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.08%

Target Compounds

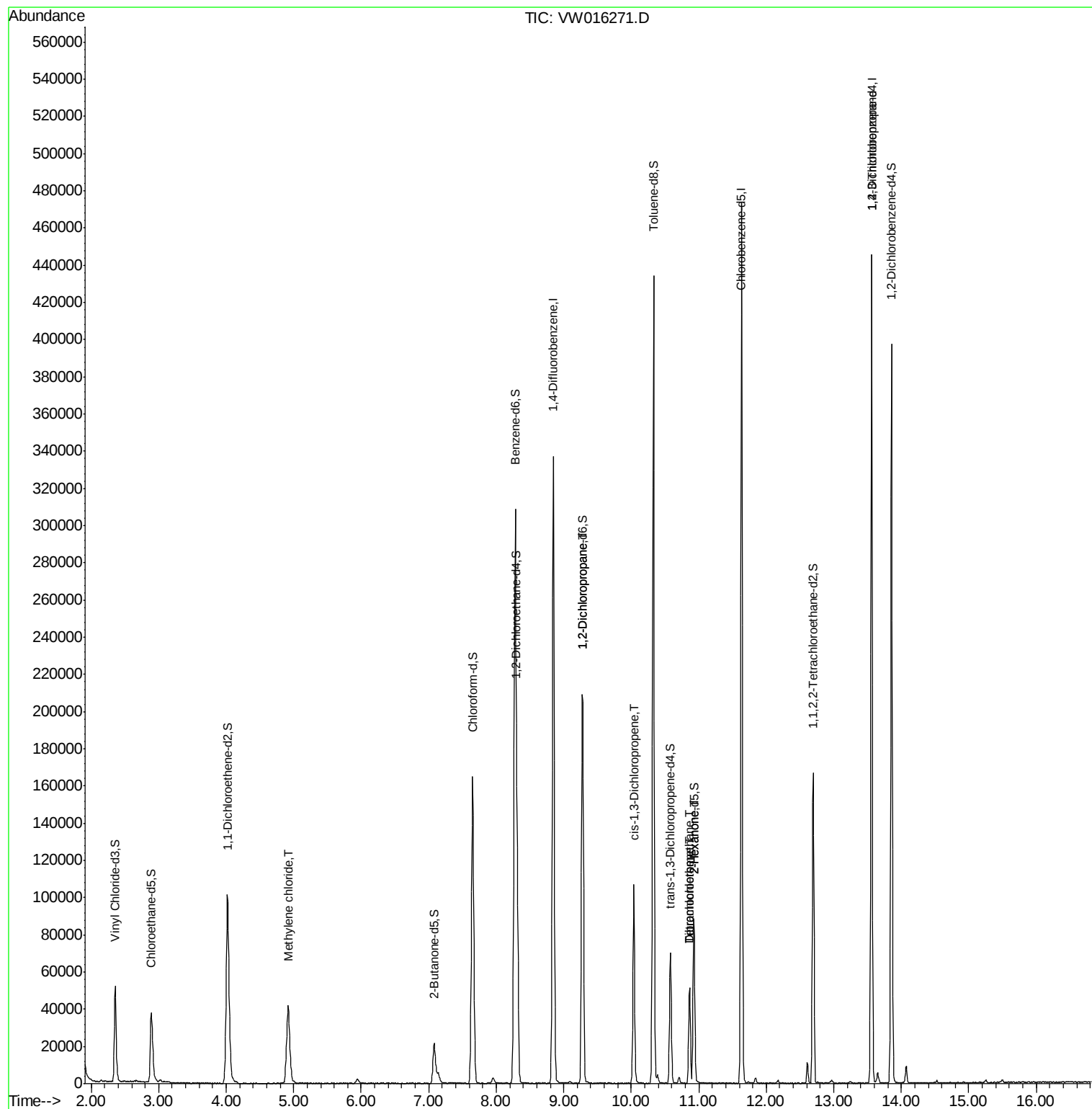
					Ovalue
16) Methylene chloride	4.92	84	36560	7.831 ug/L	97
40) 1,2-Dichloropropane	9.28	63	11195	2.874 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2701	0.455 ug/L	84
47) Tetrachloroethene	10.87	164	12005	3.754 ug/L	94
49) 2-Hexanone	10.93	43	3648	2.307 ug/L #	65
50) Dibromochloromethane	10.87	129	12056	3.338 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	13215	4.875 ug/L	93

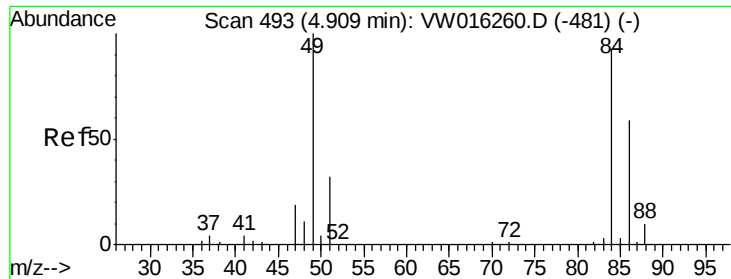
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 03:27:50 2020
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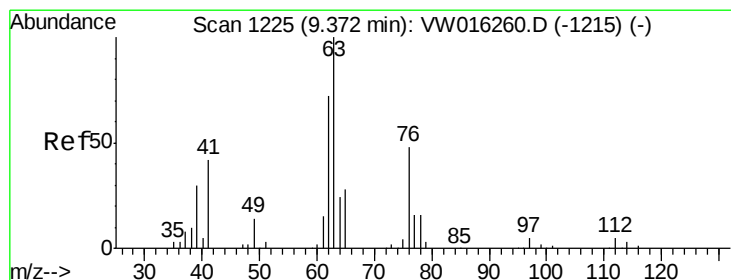
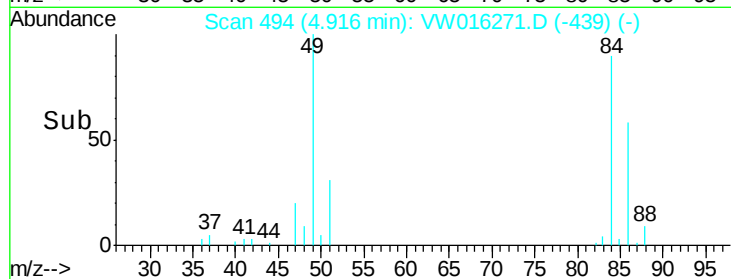
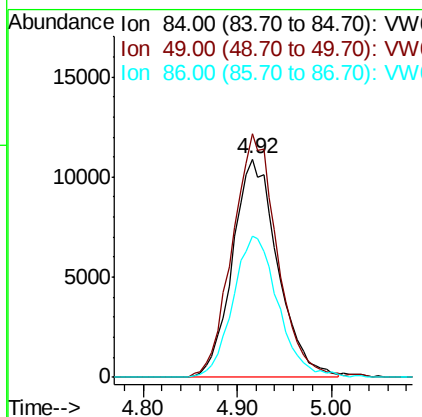
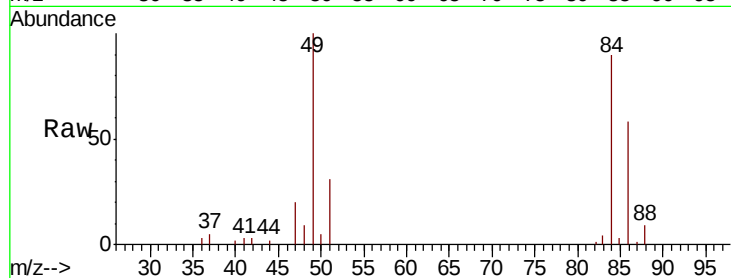




#16
Methylene chloride
Concen: 7.831 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016271.D
Acq: 20 Aug 2020 17:09

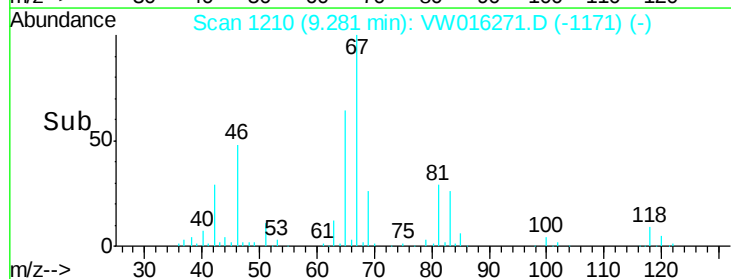
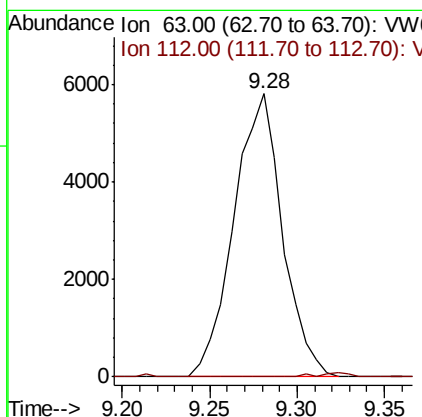
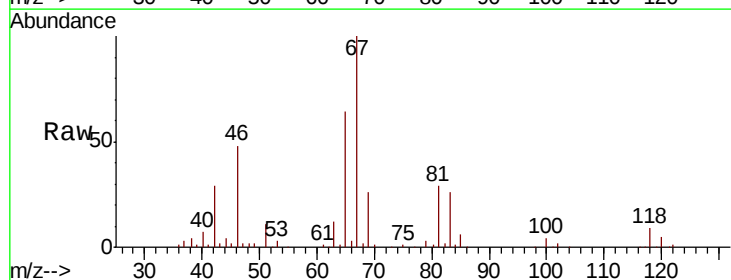
Instrument :
MSVOA_W
ClientSampleId :

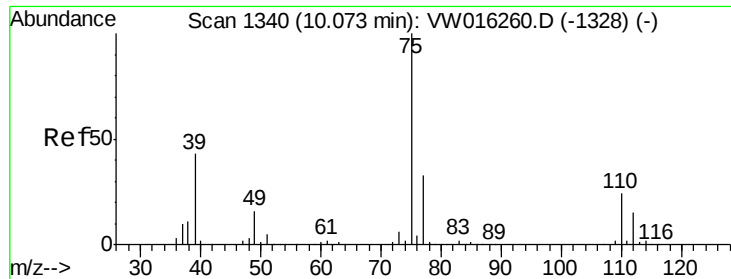
Tot Ion: 84 Resp: 36560
Ion Ratio Lower Upper
84 100
49 111.7 80.4 149.4
86 64.8 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.874 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016271.D
Acq: 20 Aug 2020 17:09

Tgt Ion: 63 Resp: 11195
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#

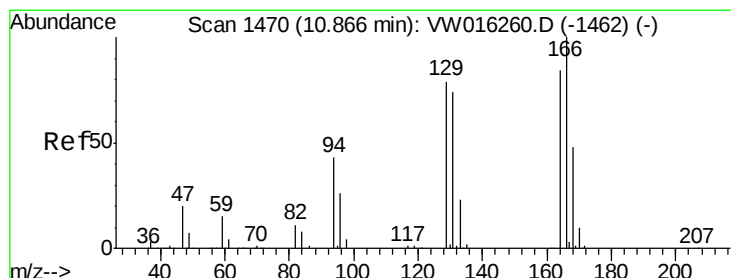
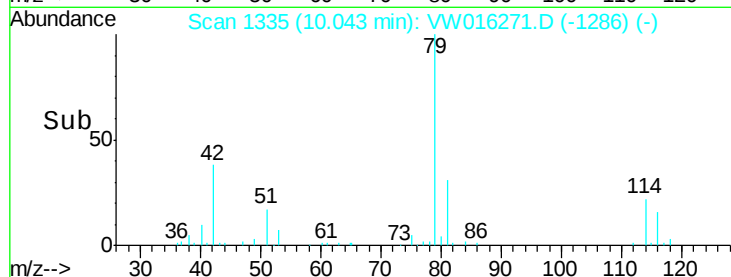
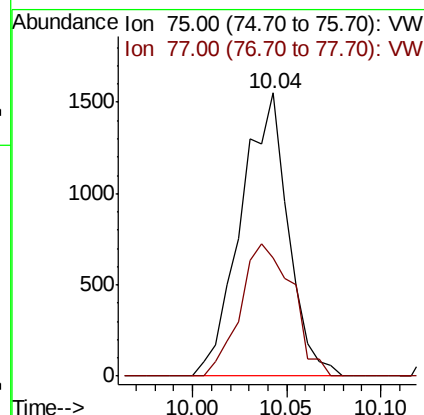
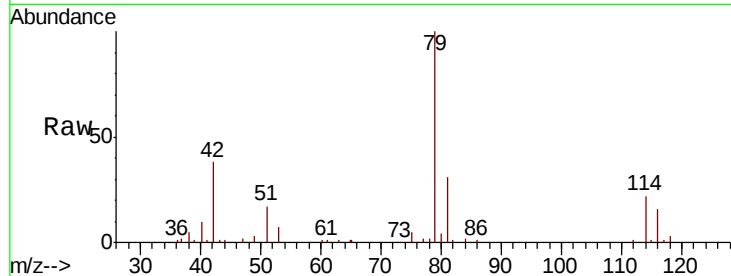




#42
 cis-1,3-Dichloropropene
 Concen: 0.455 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016271.D
 Acq: 20 Aug 2020 17:09

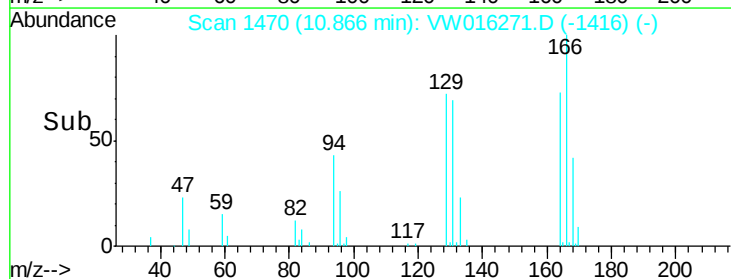
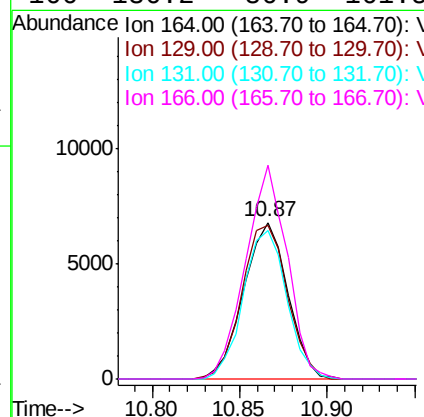
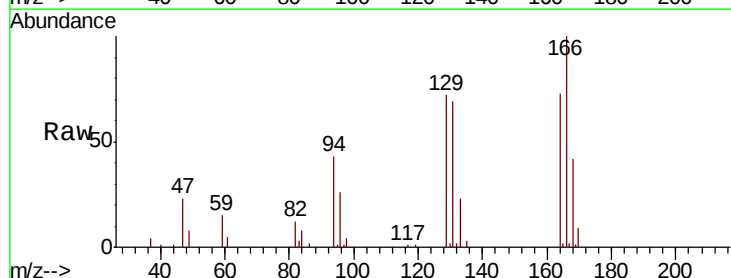
Instrument :
 MSVOA_W
 ClientSampleId :

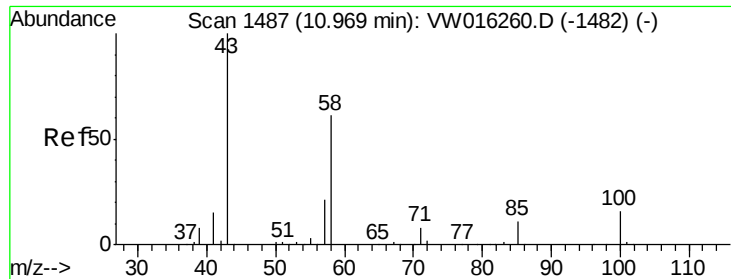
Tot Ion: 75 Resp: 2701
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.9 42.5



#47
 Tetrachloroethene
 Concen: 3.754 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016271.D
 Acq: 20 Aug 2020 17:09

Tgt Ion: 164 Resp: 12005
 Ion Ratio Lower Upper
 164 100
 129 97.8 71.5 132.9
 131 94.5 65.4 121.4
 166 136.2 86.9 161.5





#49

2-Hexanone

Concen: 2.307 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW016271.D

Acq: 20 Aug 2020 17:09

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 3648

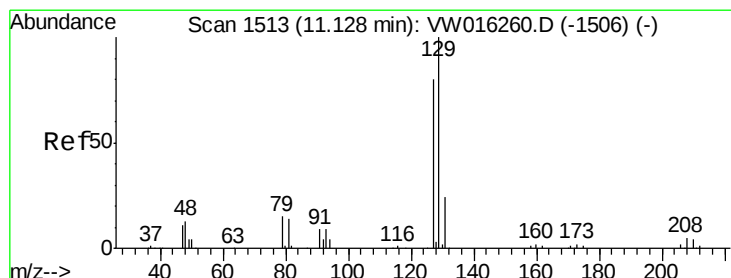
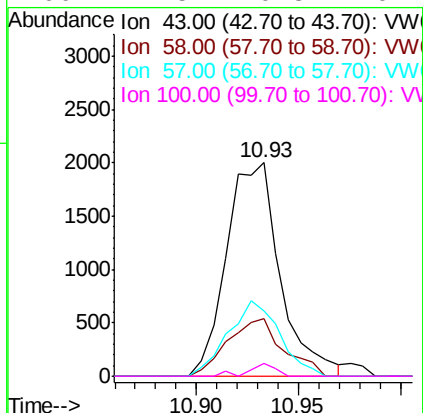
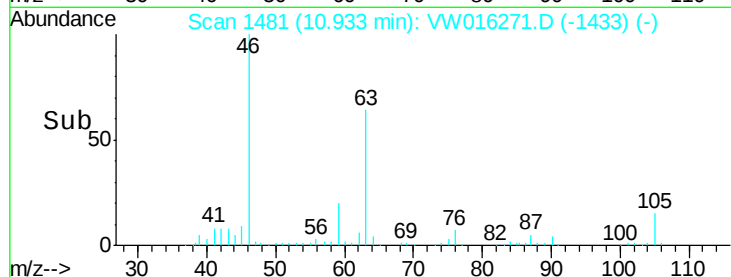
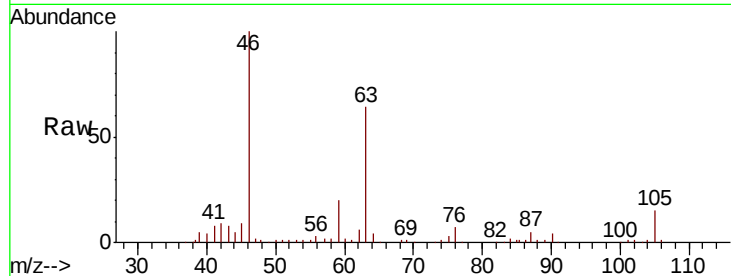
Ion Ratio Lower Upper

43 100

58 28.2 44.2 66.2#

57 34.2 15.8 23.6#

100 2.5 10.8 16.2#



#50

Dibromochloromethane

Concen: 3.338 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016271.D

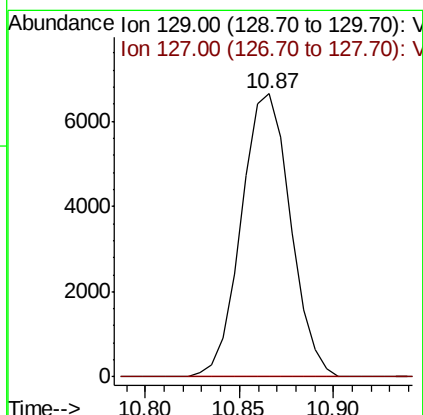
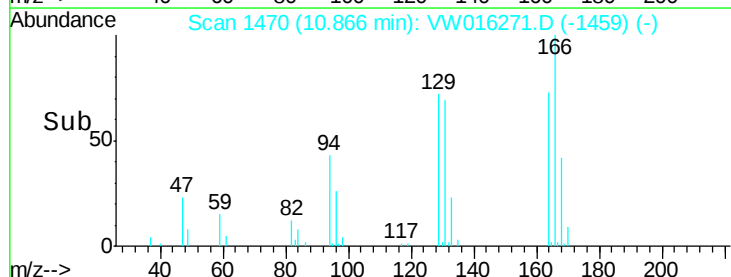
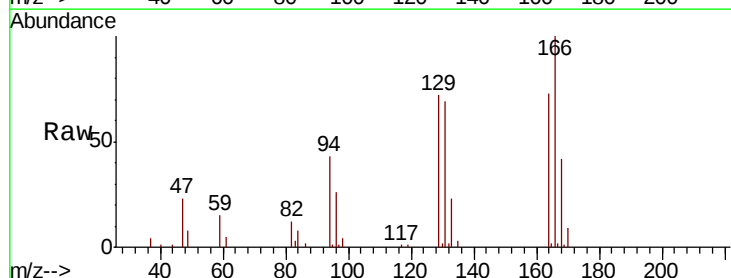
Acq: 20 Aug 2020 17:09

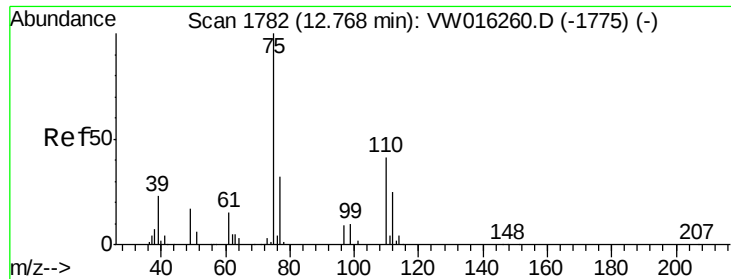
Tgt Ion: 129 Resp: 12056

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 4.875 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016271.D

Acq: 20 Aug 2020 17:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 13215

Ion Ratio Lower Upper

75 100

77 36.1 25.9 38.9

