

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016520.D
 Acq On : 10 Sep 2020 13:36
 Operator : SY/VA
 Sample : L3945-11
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX00

Quant Time: Sep 11 06:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	163116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	136021	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	35667	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
7) Chloroethane-d5	2.90	69	37458	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	4.03	63	54131	13.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.40%
20) 2-Butanone-d5	7.09	46	17496	28.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.62%
24) Chloroform-d	7.66	84	85725	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	45033	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.24%
29) Benzene-d6	8.28	84	153431	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.28	67	48054	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.33	98	134782	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.04%
38) trans-1,3-Dichloropropene-	10.58	79	19527	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.20%
39) 2-Hexanone-d5	10.93	63	12086	29.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35562	20.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	37441	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

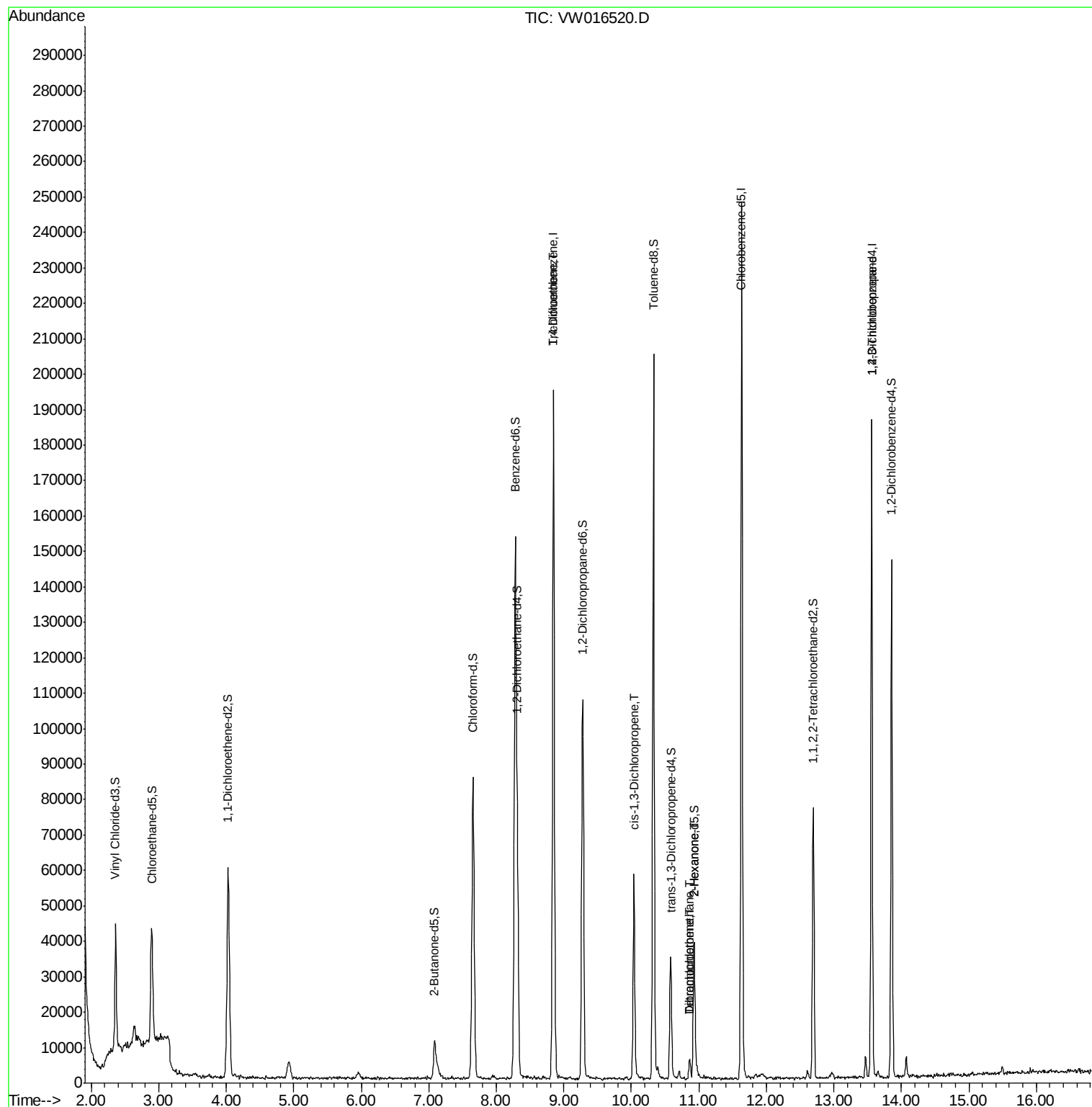
					Ovalue
35) Trichloroethene	8.85	95	4904	2.380 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	1730	0.554 ug/L #	60
47) Tetrachloroethene	10.87	164	984	0.596 ug/L #	76
49) 2-Hexanone	10.93	43	2033	2.242 ug/L #	72
50) Dibromochloromethane	10.87	129	1018	0.552 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	6432	4.954 ug/L	95

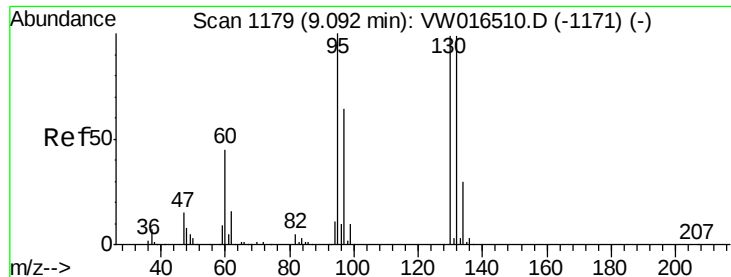
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091020\
Data File : VW016520.D
Acq On : 10 Sep 2020 13:36
Operator : SY/VA
Sample : L3945-11
Misc : 5.17G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFX00

Quant Time: Sep 11 06:15:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 11 06:07:14 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.380 ug/L

RT: 8.85 min Scan# 1140

Delta R.T. -0.24 min

Lab File: VW016520.D

Acq: 10 Sep 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

BFX00

Tot Ion: 95 Resp: 4904

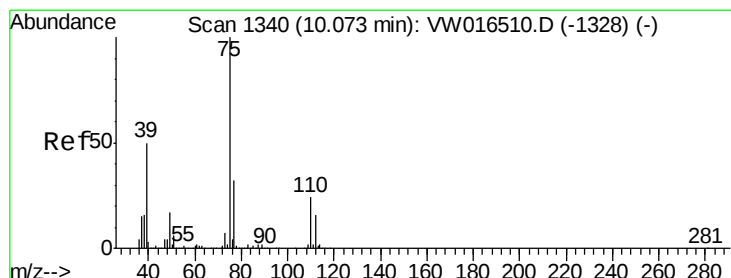
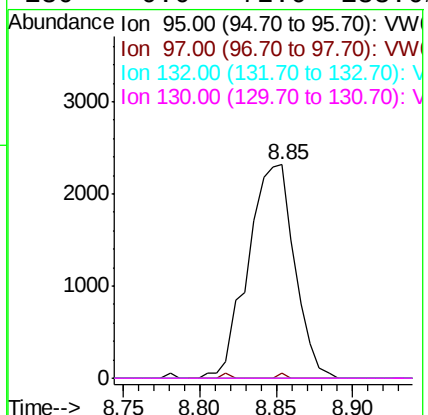
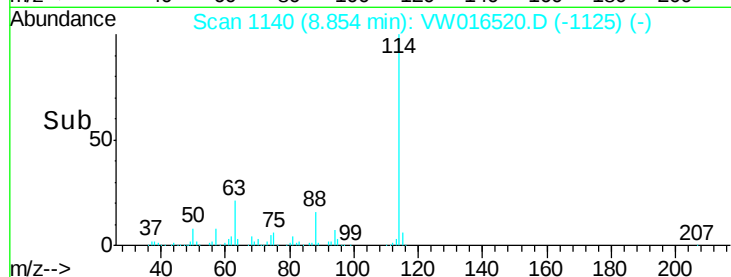
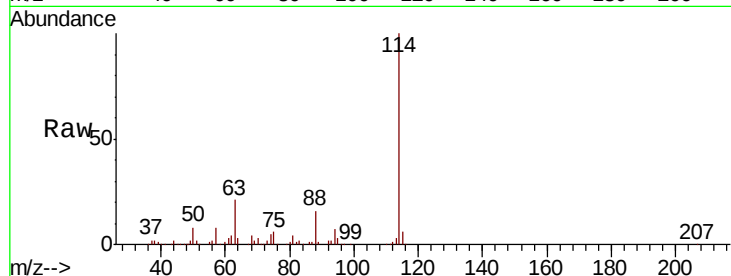
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 69.2 128.4#

130 0.0 72.0 133.6#



#42

cis-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016520.D

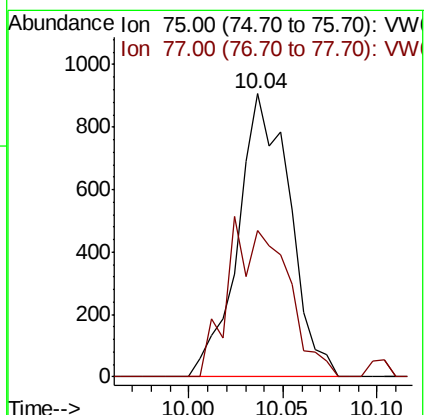
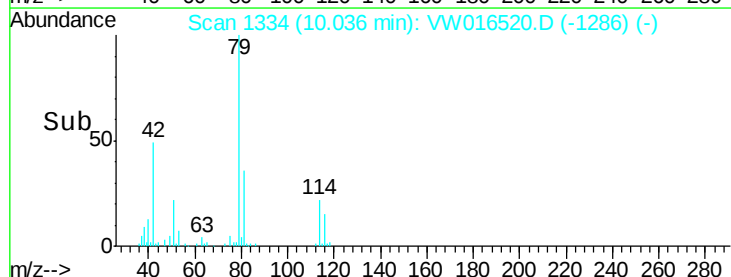
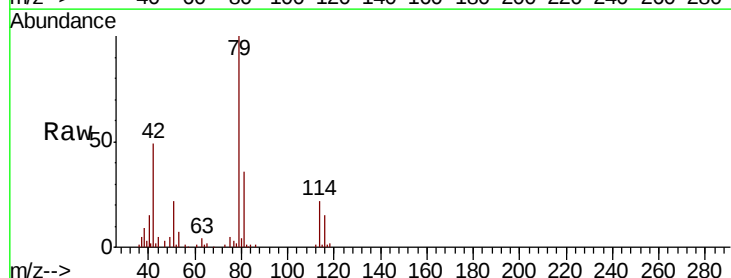
Acq: 10 Sep 2020 13:36

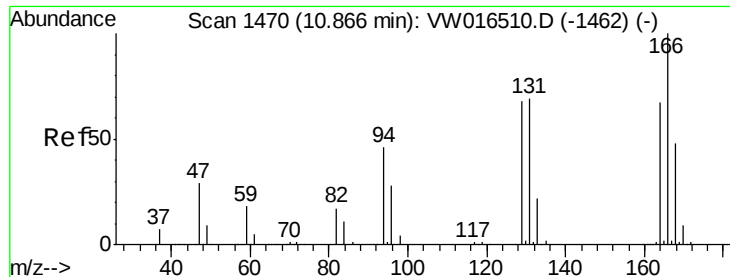
Tgt Ion: 75 Resp: 1730

Ion Ratio Lower Upper

75 100

77 51.6 20.9 38.7#





#47

Tetrachloroethene

Concen: 0.596 ug/L

RT: 10.87 min Scan# 1471

Delta R.T. 0.01 min

Lab File: VW016520.D

Acq: 10 Sep 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

BFX00

Tot Ion:164 Resp: 984

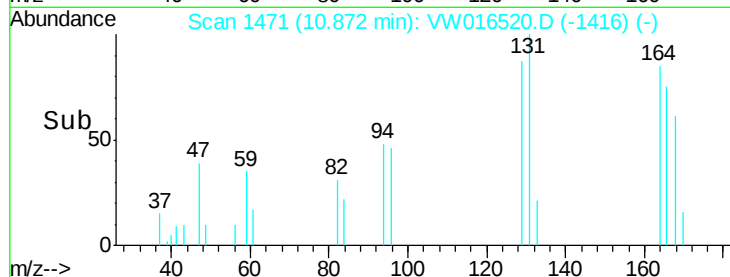
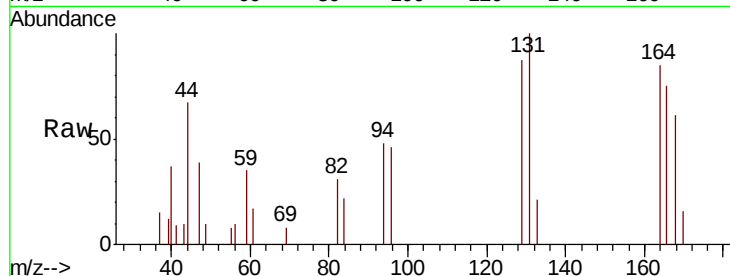
Ion Ratio Lower Upper

164 100

129 103.1 65.7 121.9

131 118.1 61.1 113.5#

166 88.4 85.0 157.8

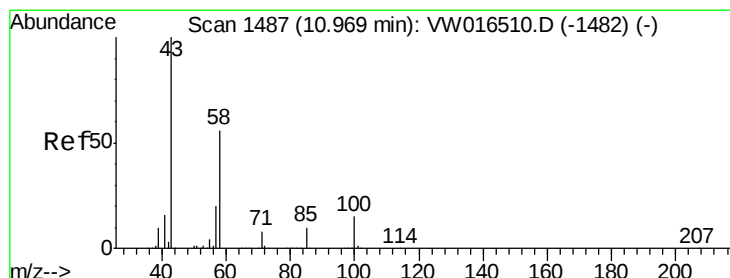
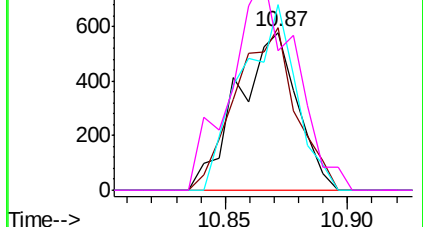


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 2.242 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016520.D

Acq: 10 Sep 2020 13:36

Tgt Ion: 43 Resp: 2033

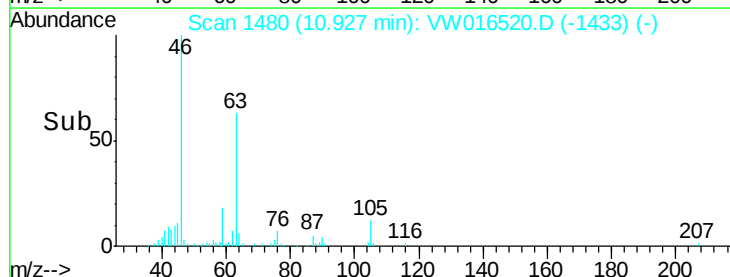
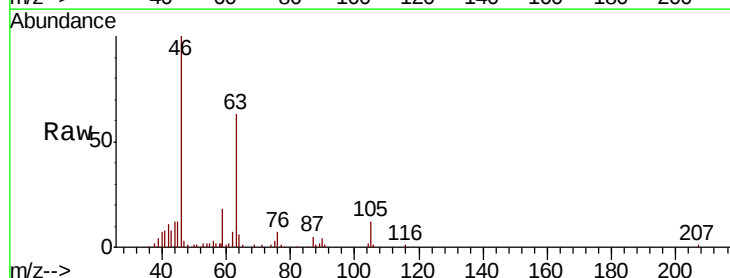
Ion Ratio Lower Upper

43 100

58 34.5 42.1 63.1#

57 33.1 14.9 22.3#

100 0.0 10.3 15.5#

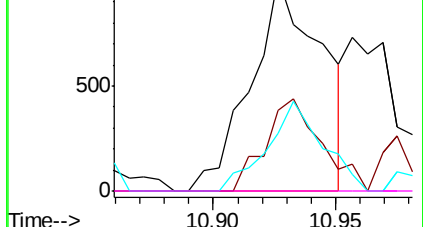


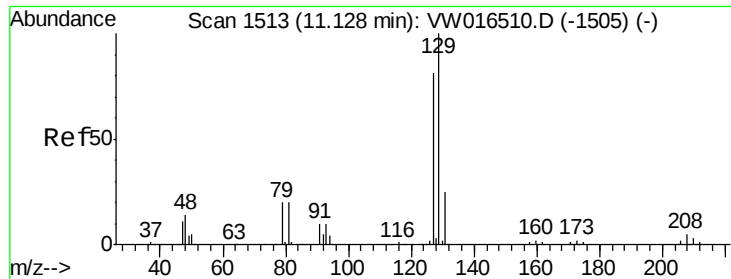
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

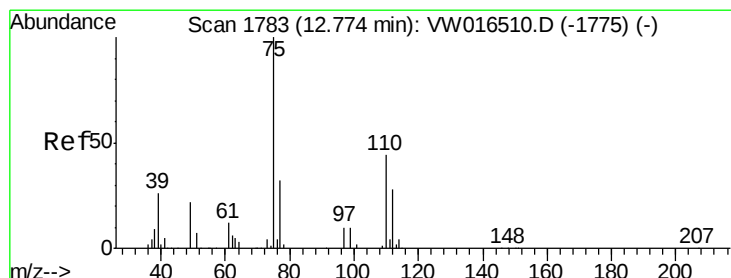
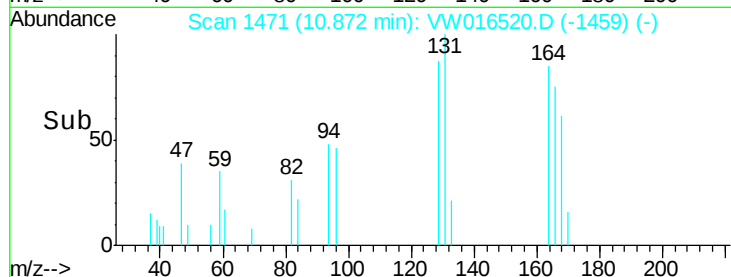
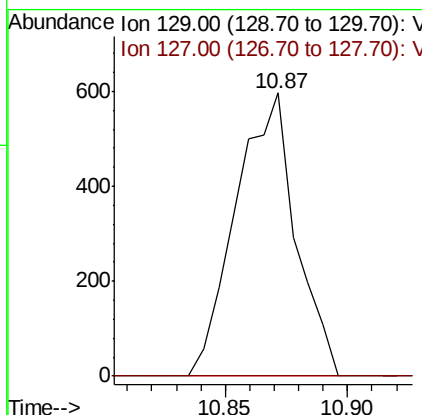
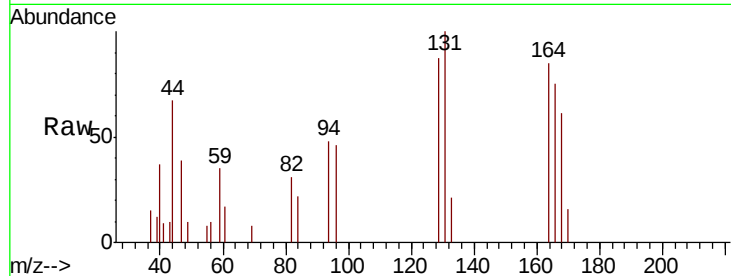




#50
 Dibromochloromethane
 Concen: 0.552 ug/L
 RT: 10.87 min Scan# 1471
 Delta R.T. -0.26 min
 Lab File: VW016520.D
 Acq: 10 Sep 2020 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX00

Tot Ion:129 Resp: 1018
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 103.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.954 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016520.D
 Acq: 10 Sep 2020 13:36

Tgt Ion: 75 Resp: 6432
 Ion Ratio Lower Upper
 75 100
 77 35.5 26.0 39.0

