

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016092.D
 Acq On : 08 Aug 2020 00:06
 Operator : SY/VA
 Sample : L3579-12
 Misc : 7.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	335349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	106272	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70970	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.00%
7) Chloroethane-d5	2.89	69	64097	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.72%
10) 1,1-Dichloroethene-d2	4.01	63	124496	13.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.04%
20) 2-Butanone-d5	7.08	46	46327	37.27	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.54%
24) Chloroform-d	7.65	84	198486	21.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	8.31	65	103972	20.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.44%
29) Benzene-d6	8.27	84	378762	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	9.27	67	117650	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.04%
37) Toluene-d8	10.32	98	324326	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	42943	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.93	63	40910	48.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90386	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	99046	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

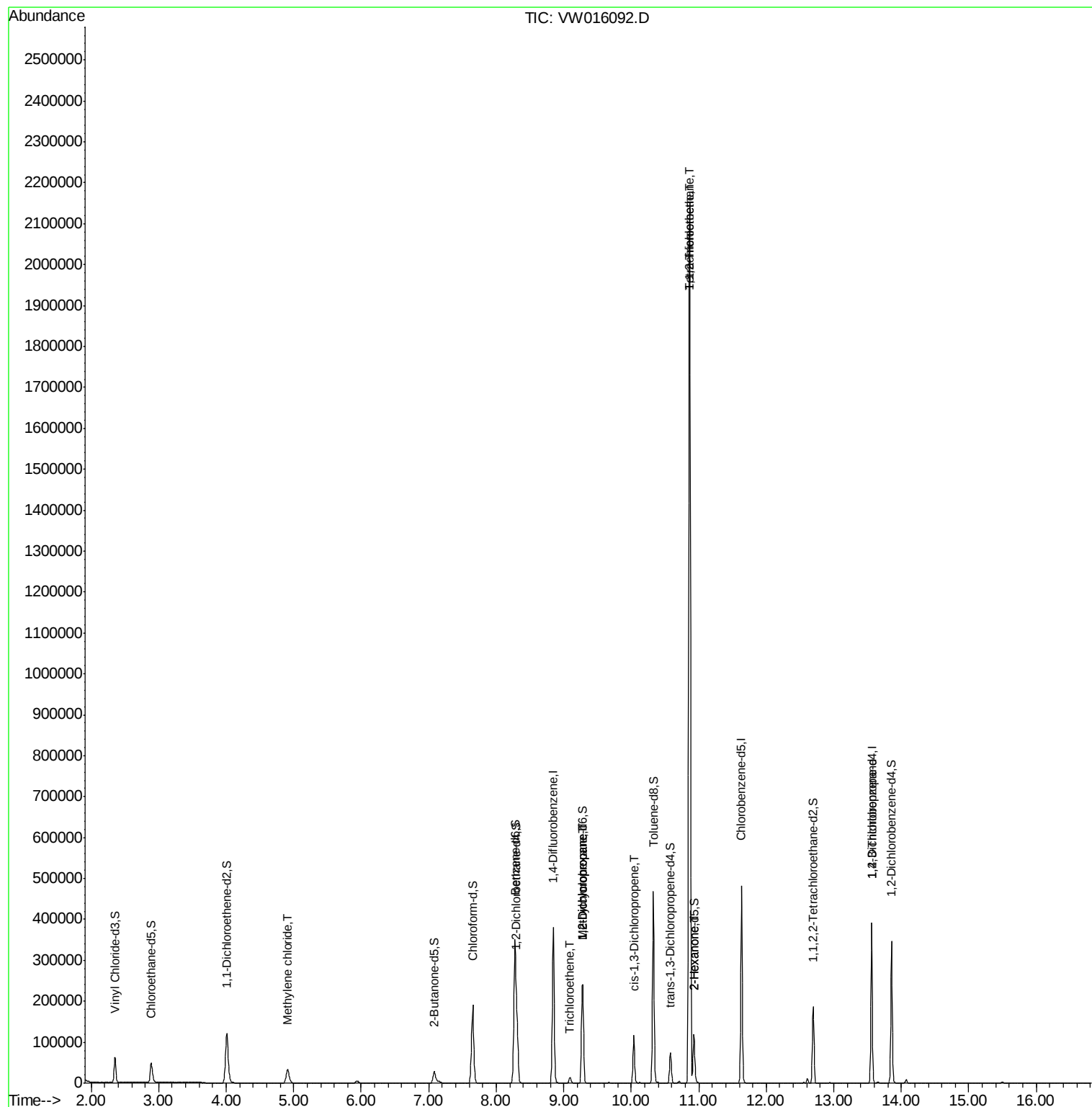
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	27679	5.037	ug/L	84
35) Trichloroethene	9.10	95	4213	0.936	ug/L	97
36) Methylcyclohexane	9.27	83	29831	3.862	ug/L #	18
40) 1,2-Dichloropropane	9.28	63	12463	2.956	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2881	0.449	ug/L #	68
46) 1,1,2-Trichloroethane	10.86	97	4014	1.324	ug/L #	1
47) Tetrachloroethene	10.87	164	538029	153.975	ug/L	94
49) 2-Hexanone	10.93	43	5417	3.102	ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	11335	4.250	ug/L	93

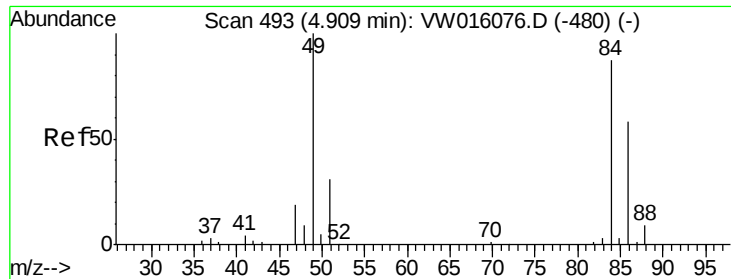
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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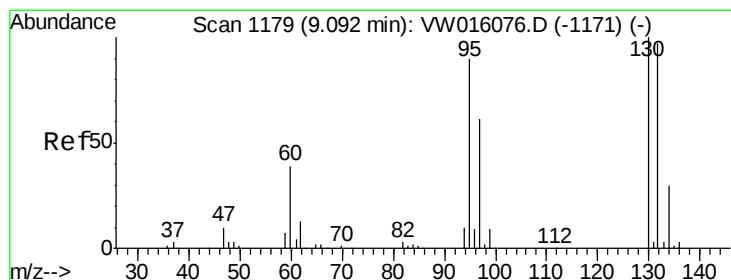
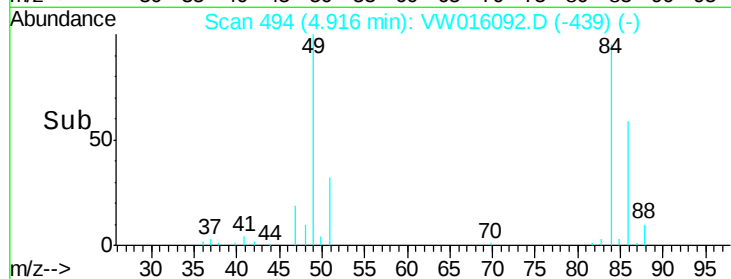
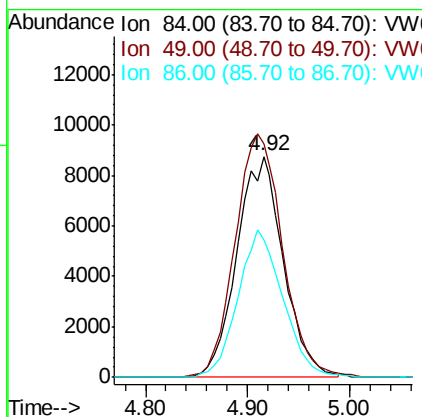
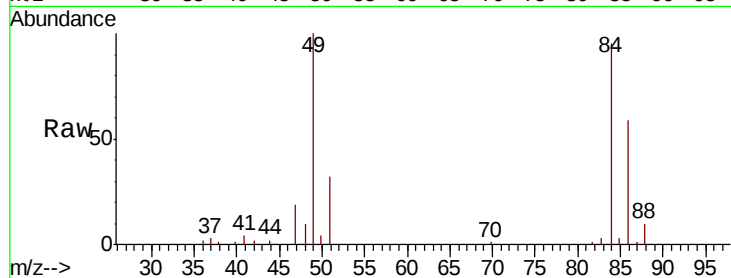




#16
Methvlene chloride
Concen: 5.037 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

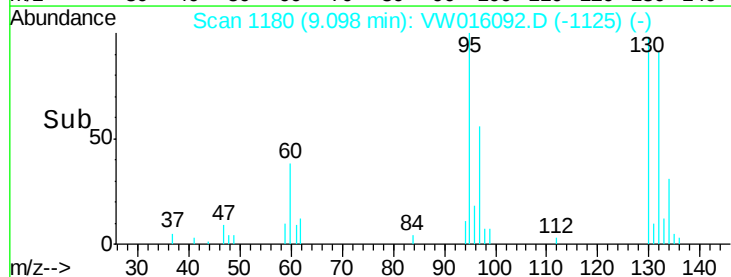
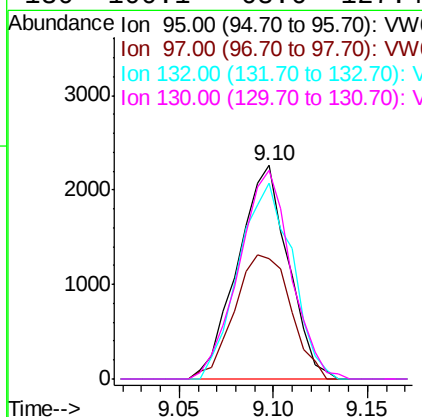
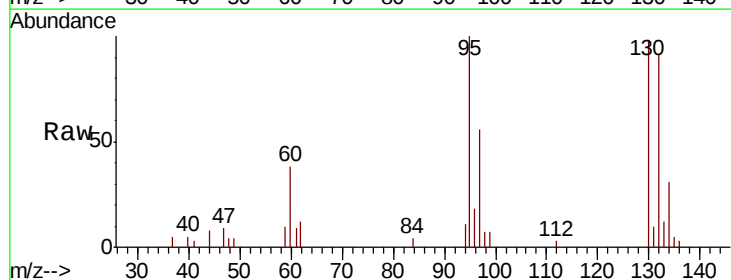
Instrument :
MSVOA_W
ClientSampled :

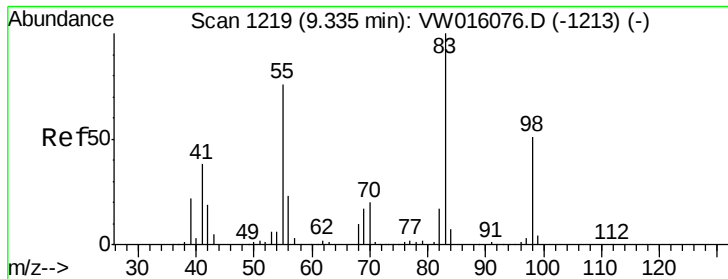
Tot Ion: 84 Resp: 27679
Ion Ratio Lower Upper
84 100
49 105.4 91.1 169.1
86 62.0 46.0 85.4



#35
Trichloroethene
Concen: 0.936 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

Tgt Ion: 95 Resp: 4213
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 97.0 65.1 120.9
130 100.1 68.6 127.4

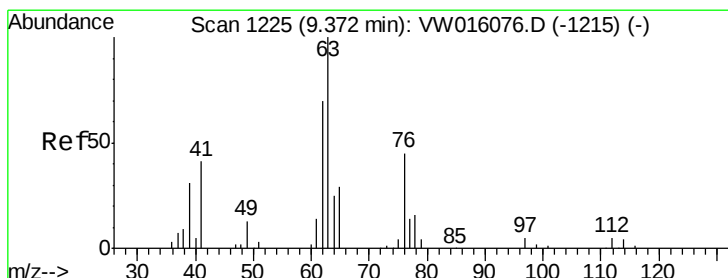
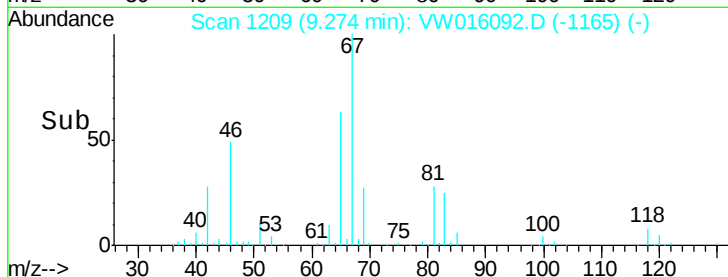
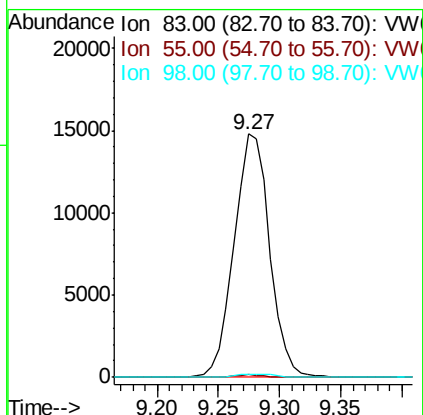
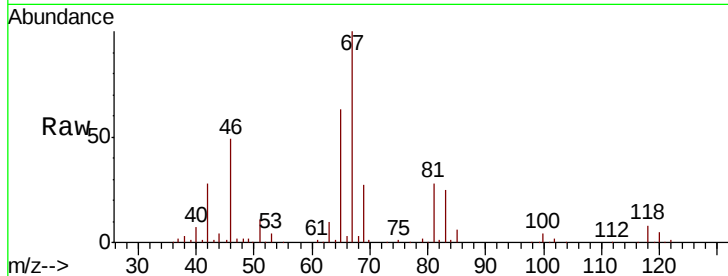




#36
Methvlcvclohexane
Concen: 3.862 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

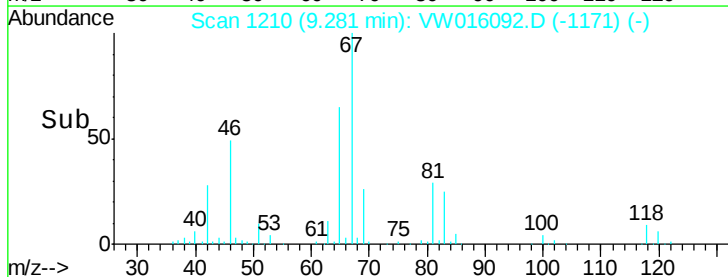
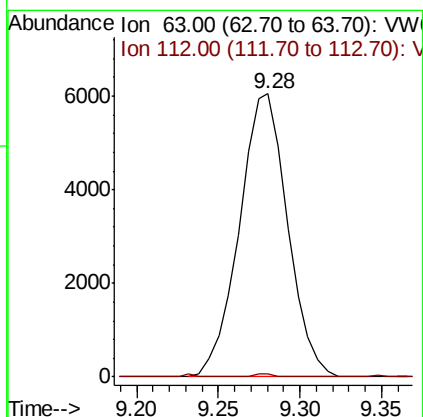
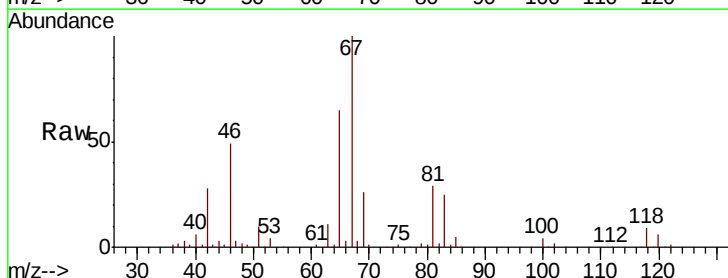
Instrument :
MSVOA_W
ClientSampleId :

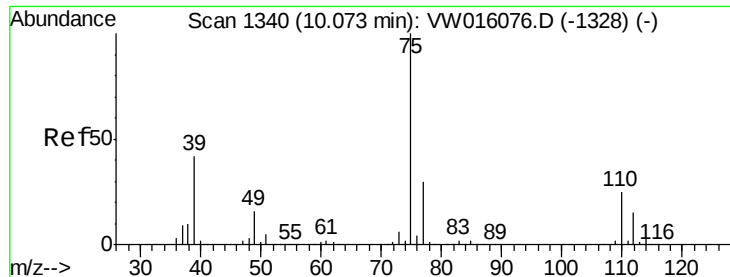
Tot Ion: 83 Resp: 29831
Ion Ratio Lower Upper
83 100
55 0.8 63.5 95.3#
98 1.5 39.0 58.4#



#40
1,2-Dichloropropane
Concen: 2.956 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

Tgt Ion: 63 Resp: 12463
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016092.D

Acq: 08 Aug 2020 00:06

Instrument :

MSVOA_W

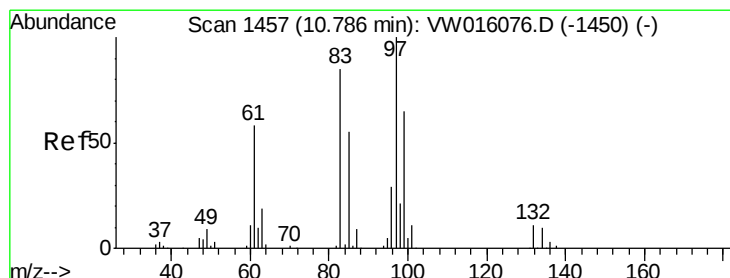
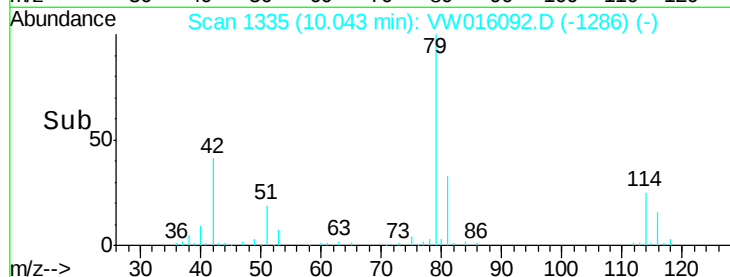
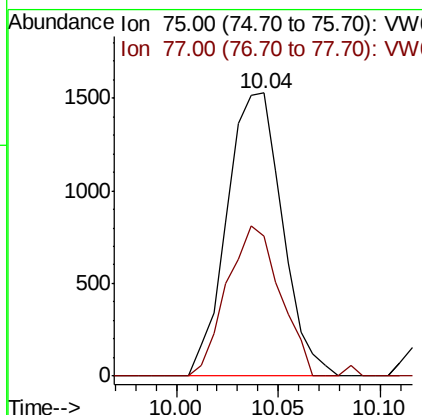
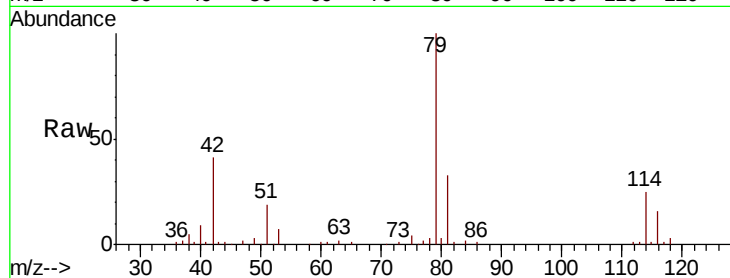
ClientSampleId :

Tot Ion: 75 Resp: 2881

Ion Ratio Lower Upper

75 100

77 49.4 22.2 41.2#



#46

1,1,2-Trichloroethane

Concen: 1.324 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW016092.D

Acq: 08 Aug 2020 00:06

Tgt Ion: 97 Resp: 4014

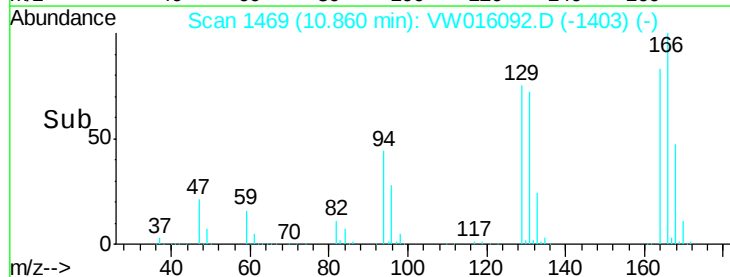
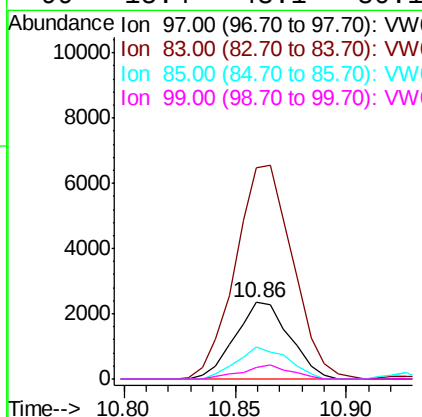
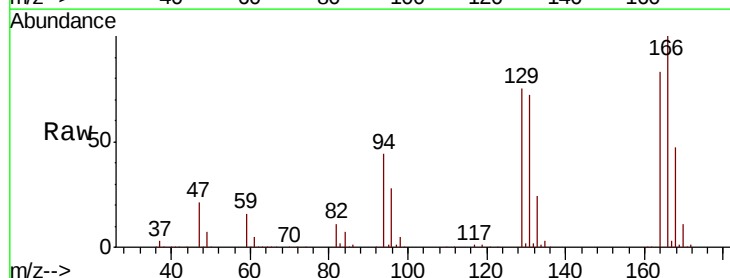
Ion Ratio Lower Upper

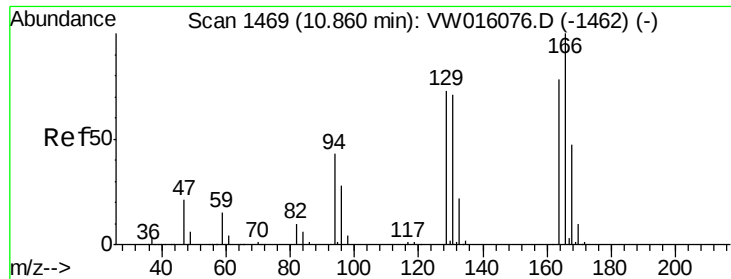
97 100

83 276.6 60.6 112.6#

85 42.8 38.9 72.2

99 15.4 43.1 80.1#

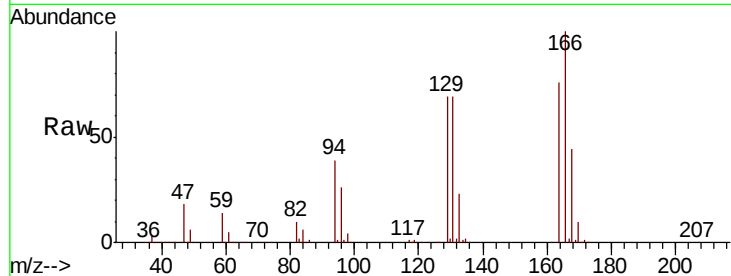




#47
Tetrachloroethene
Concen: 153.975 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.0	130.0
131	91.3	67.3	124.9
166	131.7	88.5	164.3



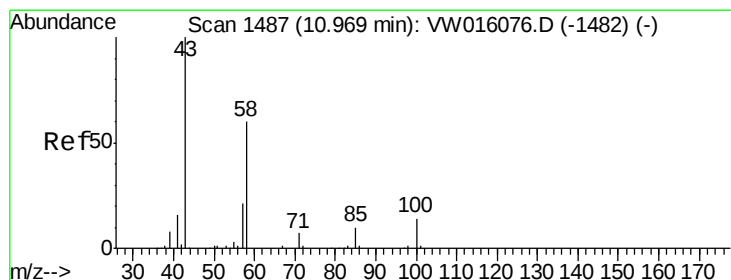
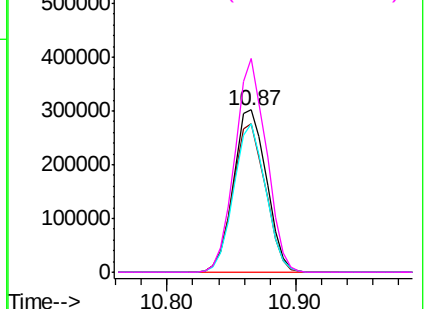
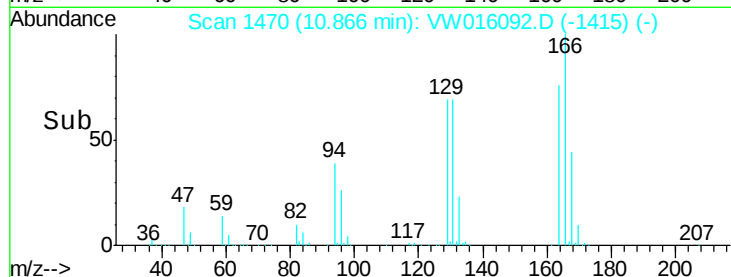
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

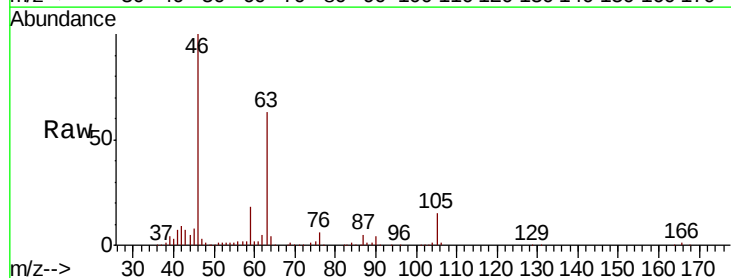
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49
2-Hexanone
Concen: 3.102 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.4	42.4	63.6#
57	24.1	15.6	23.4#
100	0.0	9.8	14.6#



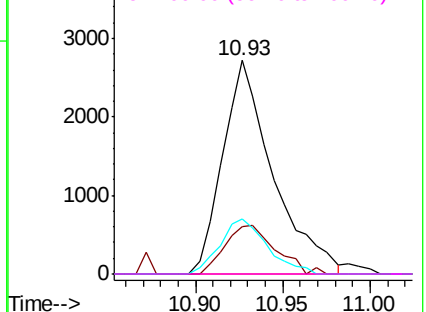
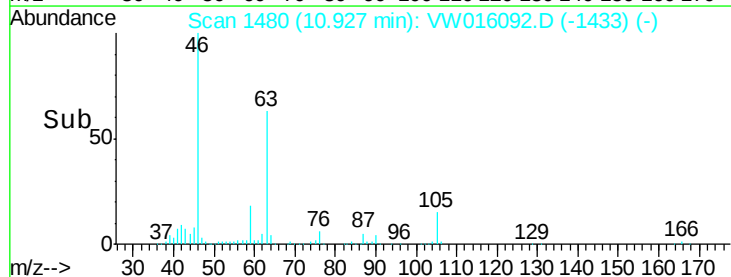
Abundance

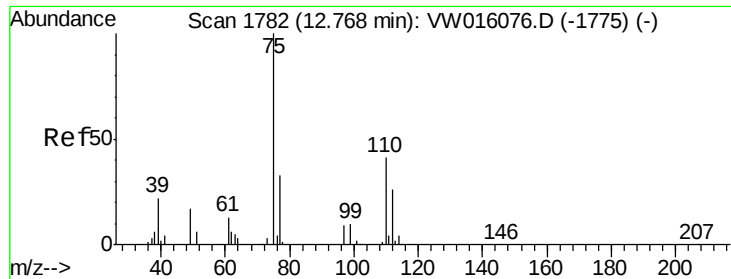
Ion 43.00 (42.70 to 43.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 4.250 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016092.D

Acq: 08 Aug 2020 00:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 11335

Ion Ratio Lower Upper

75 100

77 36.4 26.0 39.0

