

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016087.D
 Acq On : 07 Aug 2020 22:08
 Operator : SY/VA
 Sample : L3564-19
 Misc : 7.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:12:10 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	341173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305079	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64827	13.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.88%
7) Chloroethane-d5	2.89	69	57374	14.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.68%
10) 1,1-Dichloroethene-d2	4.01	63	115467	11.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.44%
20) 2-Butanone-d5	7.17	46	284	0.22	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.44%#
24) Chloroform-d	7.65	84	183835	19.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.76%
26) 1,2-Dichloroethane-d4	8.30	65	94905	18.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.16%
29) Benzene-d6	8.27	84	358125	19.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.16%
33) 1,2-Dichloropropane-d6	9.27	67	110849	19.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.64%
37) Toluene-d8	10.33	98	316123	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.16%
38) trans-1,3-Dichloropropene-	10.58	79	41042	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.20%
39) 2-Hexanone-d5	10.93	63	38000	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91648	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	114271	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

Target Compounds

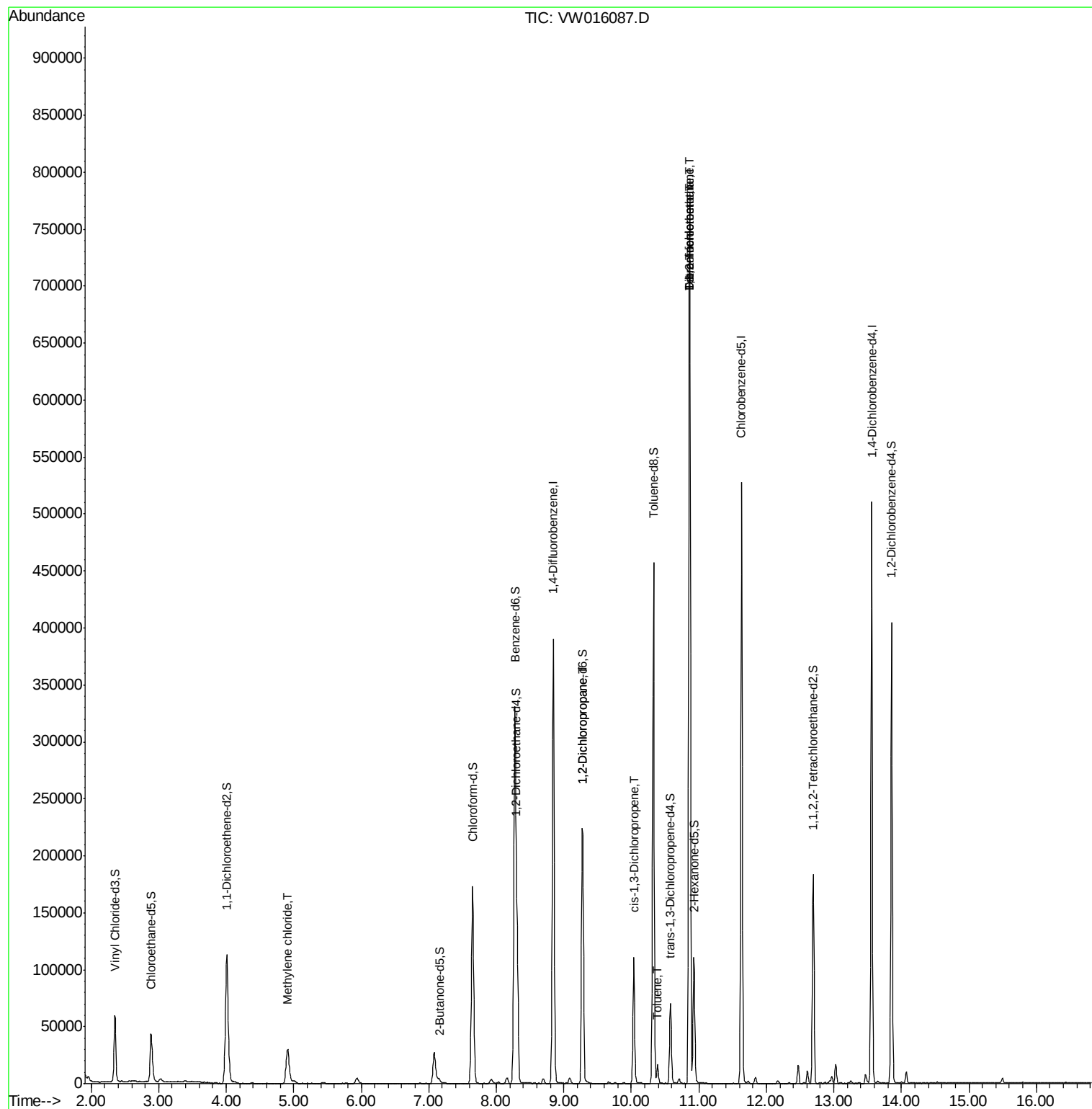
					Ovalue
16) Methylene chloride	4.92	84	25779	4.611 ug/L	90
40) 1,2-Dichloropropane	9.27	63	11935	2.600 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2722	0.389 ug/L #	51
44) Toluene	10.39	91	11983	0.617 ug/L	93
46) 1,1,2-Trichloroethane	10.87	97	1423	0.431 ug/L #	3
47) Tetrachloroethene	10.87	164	185934	48.870 ug/L	94
50) Dibromochloromethane	10.87	129	169622	44.385 ug/L #	11

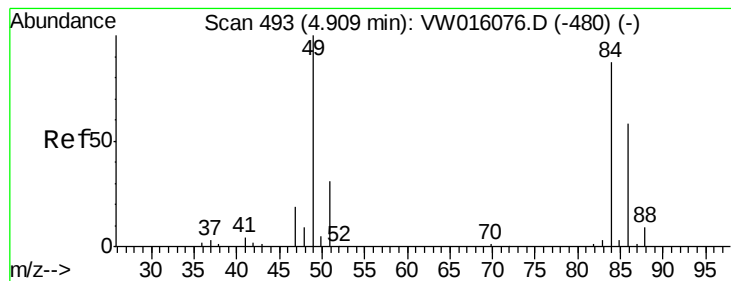
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016087.D
Acq On : 07 Aug 2020 22:08
Operator : SY/VA
Sample : L3564-19
Misc : 7.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 08 05:12:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.611 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW016087.D

Acq: 07 Aug 2020 22:08

Instrument :

MSVOA_W

ClientSampleId :

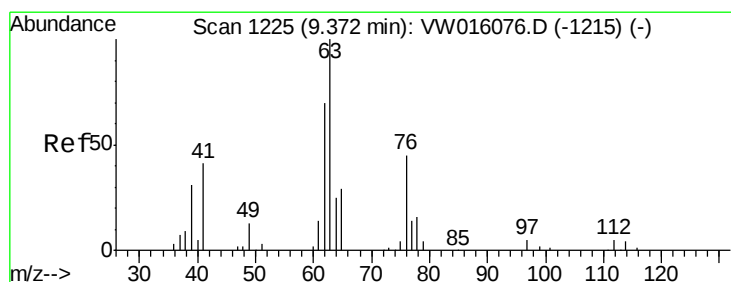
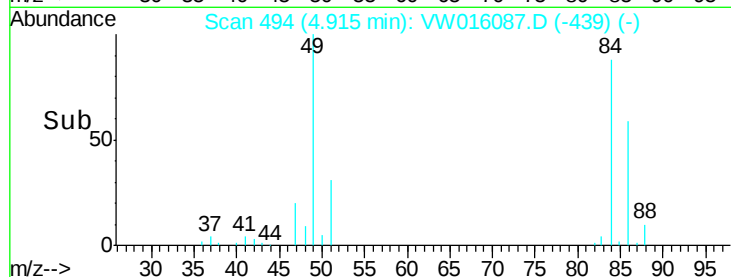
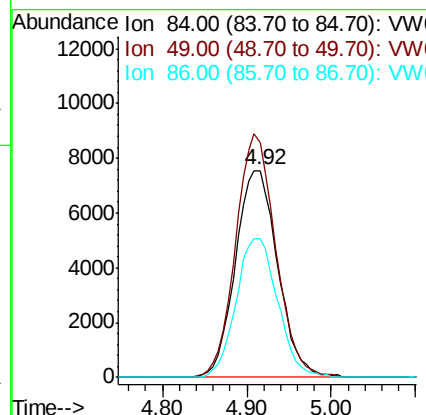
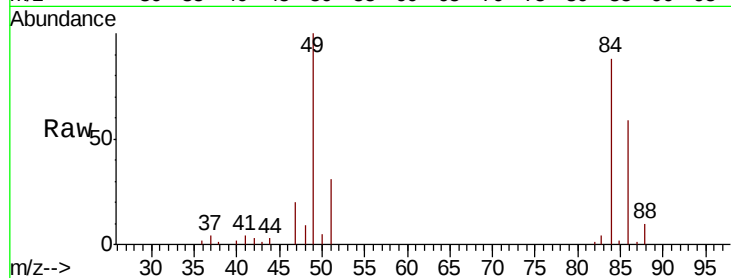
Tot Ion: 84 Resp: 25779

Ion Ratio Lower Upper

84 100

49 113.8 91.1 169.1

86 67.4 46.0 85.4



#40

1,2-Dichloropropane

Concen: 2.600 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016087.D

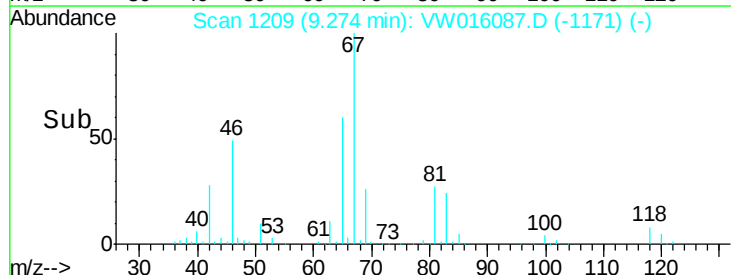
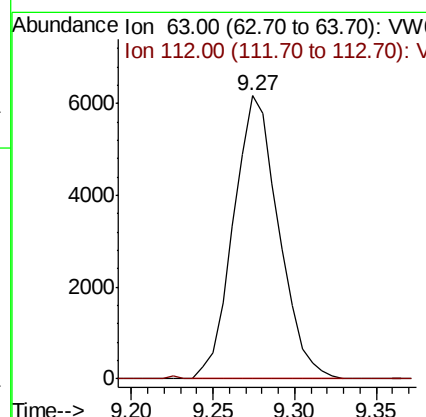
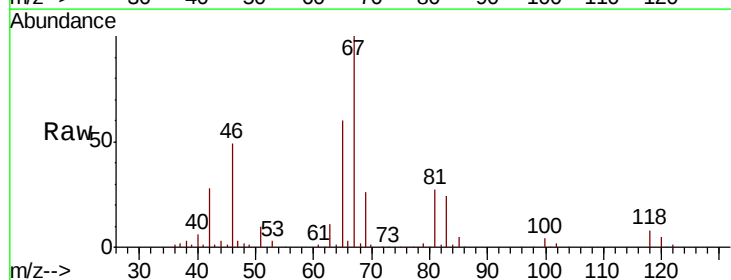
Acq: 07 Aug 2020 22:08

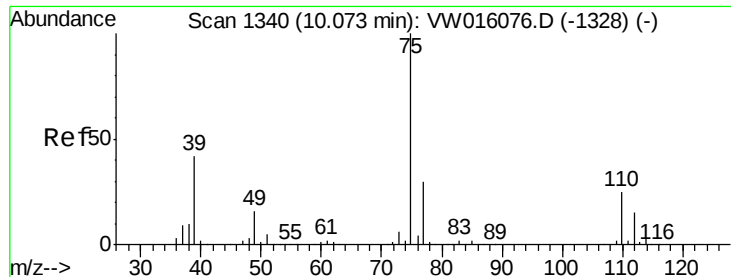
Tgt Ion: 63 Resp: 11935

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#

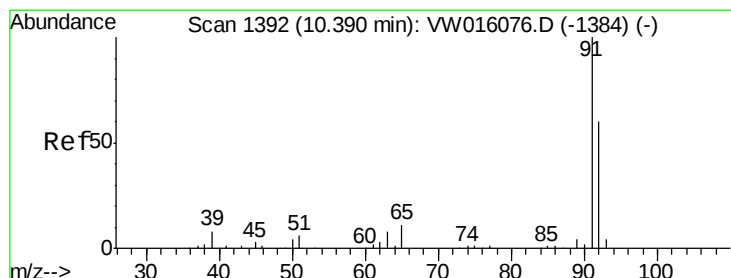
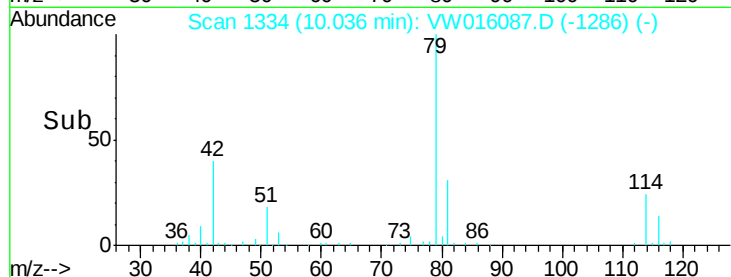
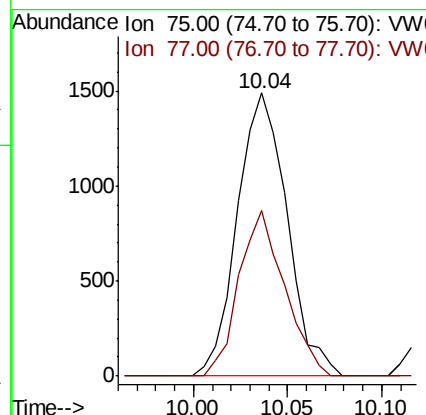
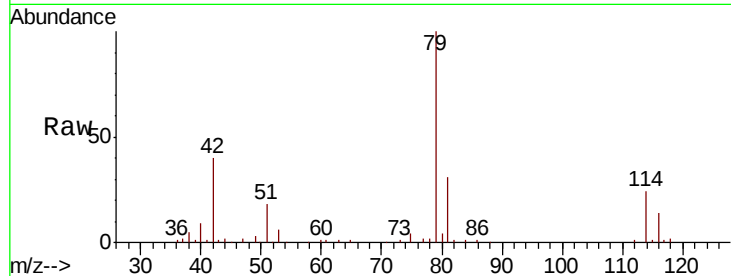




#42
 cis-1,3-Dichloropropene
 Concen: 0.389 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016087.D
 Acq: 07 Aug 2020 22:08

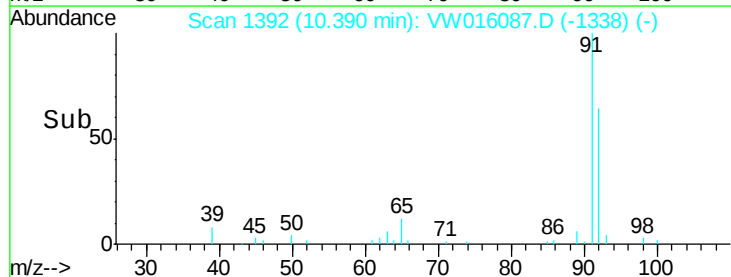
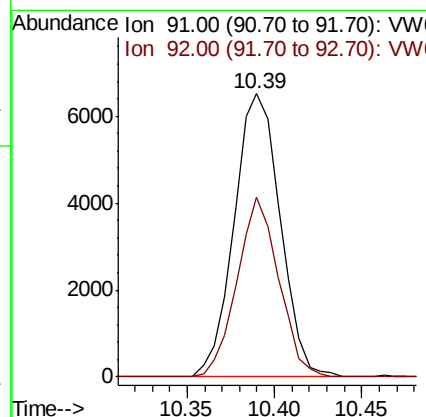
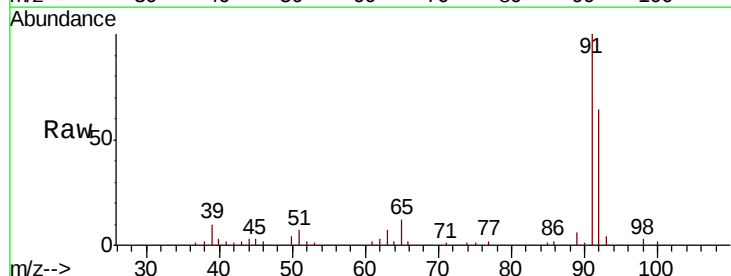
Instrument :
 MSVOA_W
 ClientSampleId :

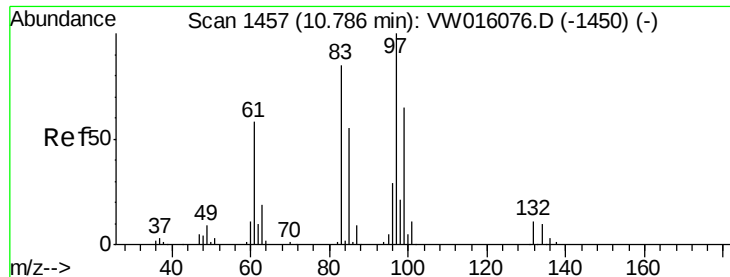
Tot Ion: 75 Resp: 2722
 Ion Ratio Lower Upper
 75 100
 77 58.7 22.2 41.2#



#44
 Toluene
 Concen: 0.617 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW016087.D
 Acq: 07 Aug 2020 22:08

Tgt Ion: 91 Resp: 11983
 Ion Ratio Lower Upper
 91 100
 92 63.7 41.2 76.4

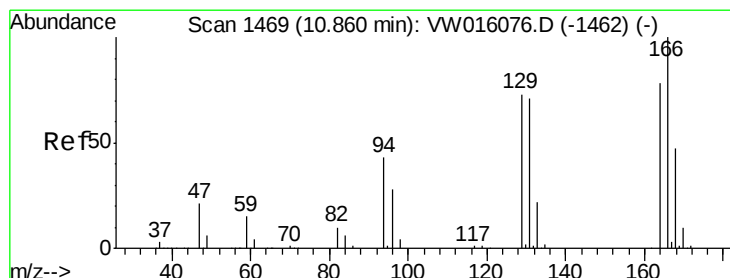
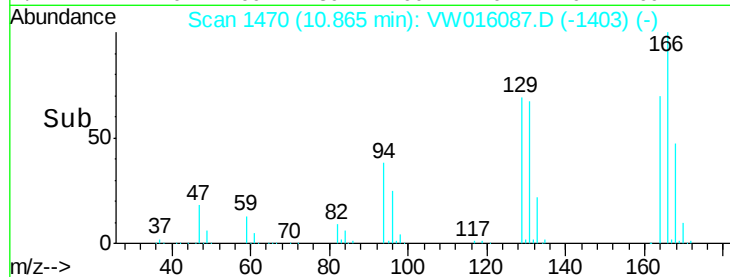
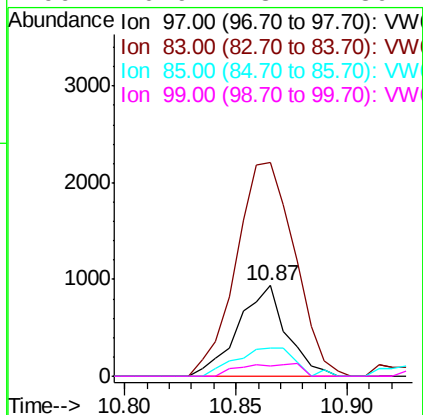
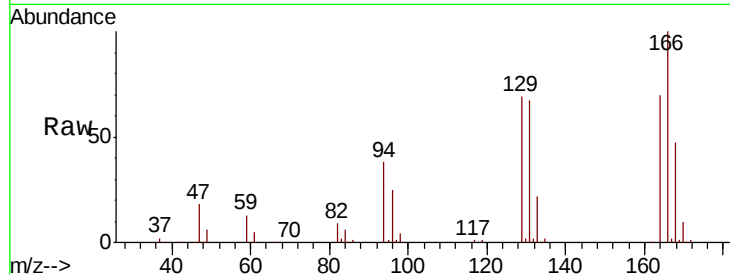




#46
 1,1,2-Trichloroethane
 Concen: 0.431 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.08 min
 Lab File: VW016087.D
 Acq: 07 Aug 2020 22:08

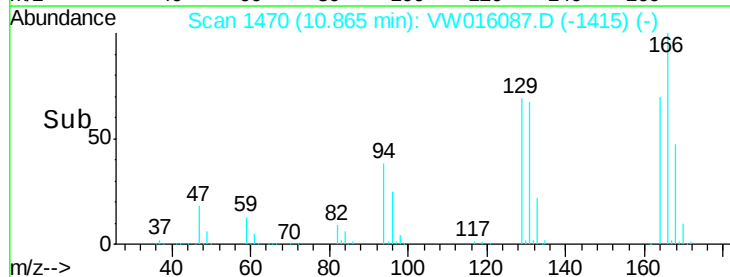
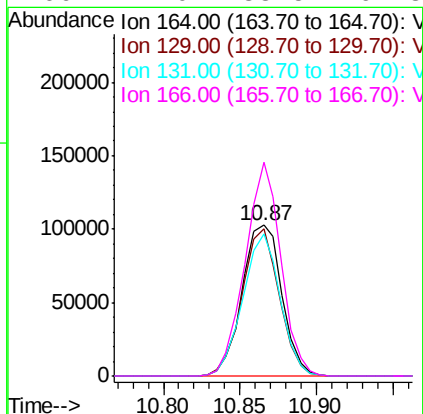
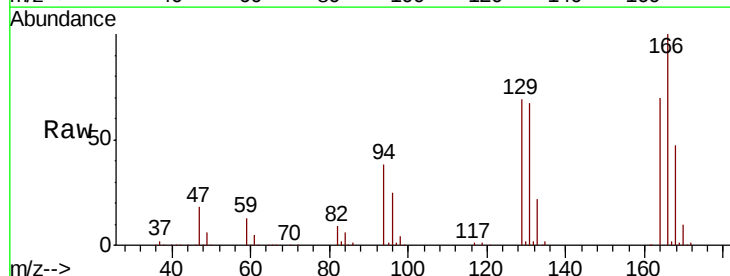
Instrument :
 MSVOA_W
 ClientSampleId :

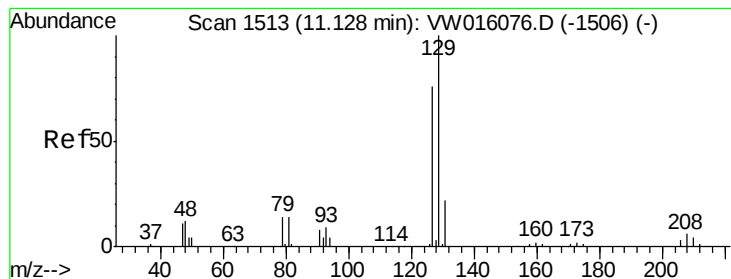
Tot Ion:	97	Resp:	1423
Ion	Ratio	Lower	Upper
97	100		
83	235.3	60.6	112.6#
85	31.7	38.9	72.2#
99	10.9	43.1	80.1#



#47
 Tetrachloroethene
 Concen: 48.870 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW016087.D
 Acq: 07 Aug 2020 22:08

Tgt Ion:	164	Resp:	185934
Ion	Ratio	Lower	Upper
164	100		
129	98.1	70.0	130.0
131	94.7	67.3	124.9
166	142.0	88.5	164.3





#50

Dibromochloromethane

Concen: 44.385 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016087.D

Acq: 07 Aug 2020 22:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:129 Resp: 169622

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

