

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016048.D
 Acq On : 06 Aug 2020 17:06
 Operator : SY/VA
 Sample : L3564-17
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFS9

Quant Time: Aug 07 07:43:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341731	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143262	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72639	15.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.24%
7) Chloroethane-d5	2.89	69	62365	15.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.68%
10) 1,1-Dichloroethene-d2	4.01	63	124515	12.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.08%
20) 2-Butanone-d5	7.09	46	46407	36.64	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.28%
24) Chloroform-d	7.65	84	187350	19.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.08%
26) 1,2-Dichloroethane-d4	8.31	65	99547	18.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.56%
29) Benzene-d6	8.27	84	379766	19.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.56%
33) 1,2-Dichloropropane-d6	9.27	67	113115	19.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.04%
37) Toluene-d8	10.33	98	347526	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.36%
38) trans-1,3-Dichloropropene-	10.58	79	46593	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.44%
39) 2-Hexanone-d5	10.93	63	38208	39.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90499	20.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	126377	22.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.48%

Target Compounds

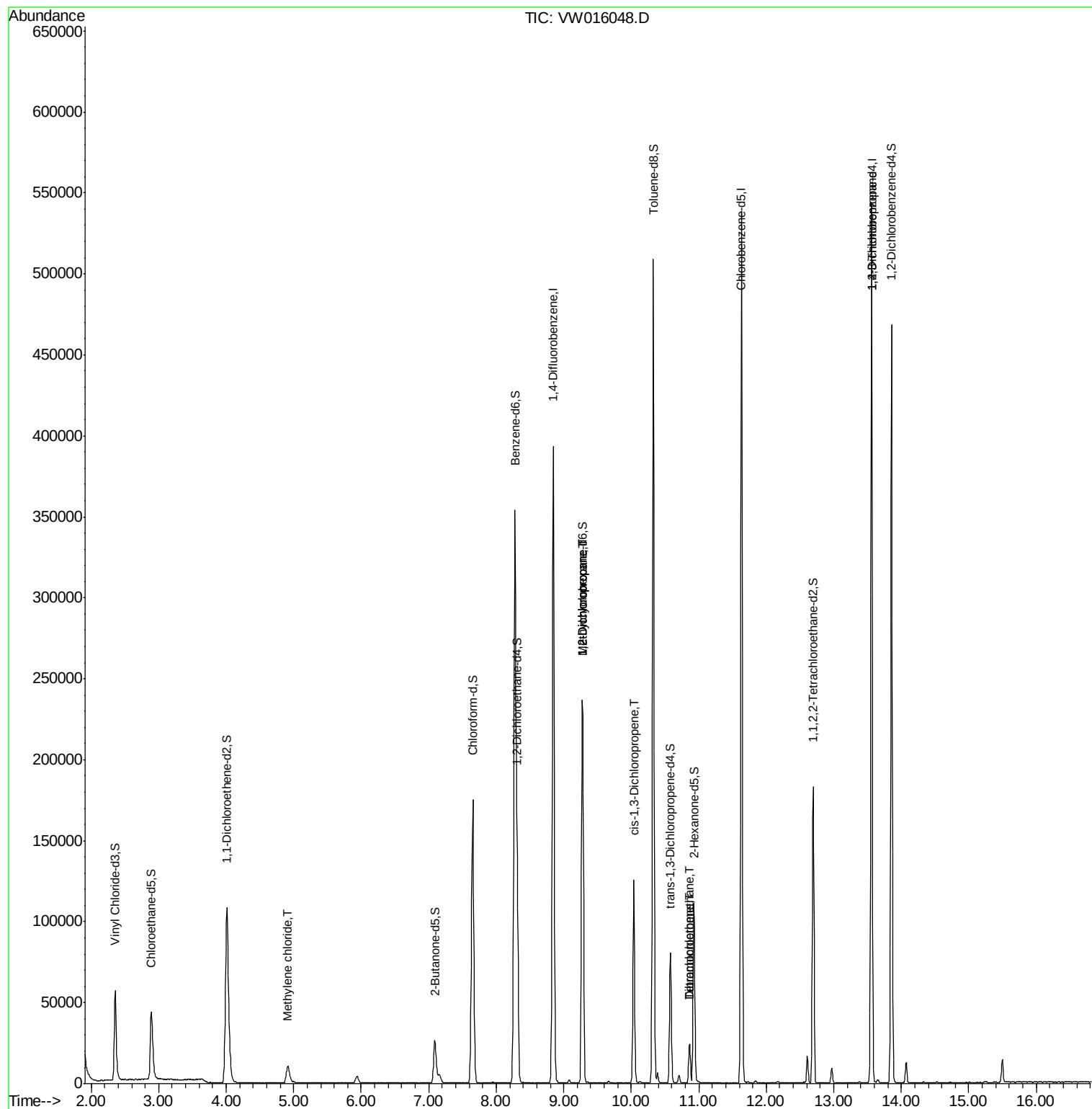
					Ovalue
16) Methylene chloride	4.92	84	9501	1.697 ug/L	87
36) Methylcyclohexane	9.27	83	28487	3.253 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	12430	2.600 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3102	0.426 ug/L #	52
47) Tetrachloroethene	10.87	164	5832	1.472 ug/L	93
50) Dibromochloromethane	10.86	129	5362	1.347 ug/L #	11
59) 1,2,3-Trichloropropane	13.55	75	15454	5.110 ug/L	90

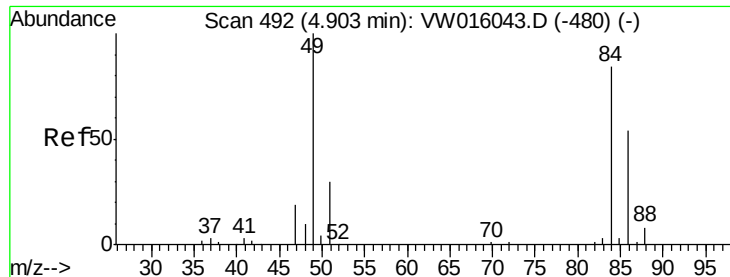
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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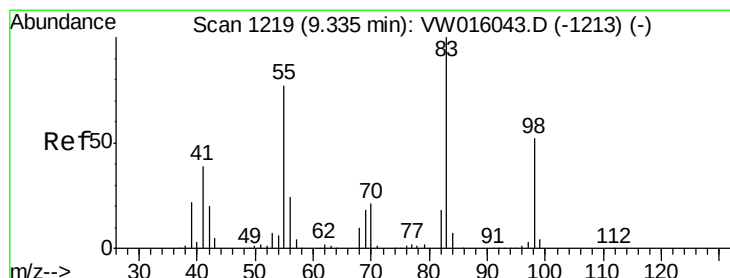
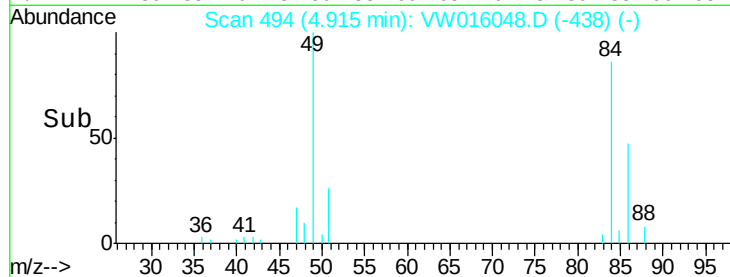
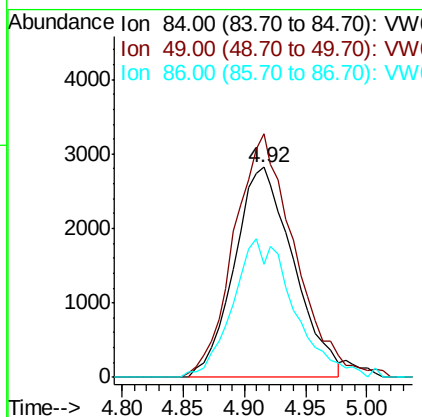
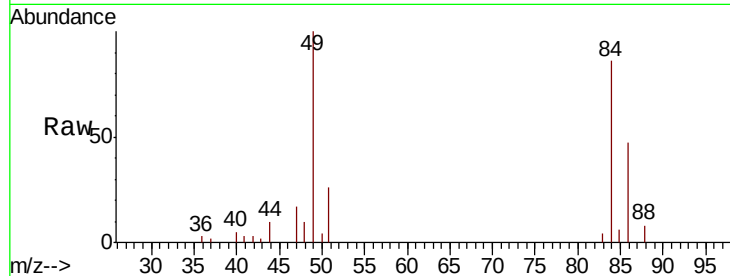




#16
Methvlene chloride
Concen: 1.697 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016048.D
Acq: 06 Aug 2020 17:06

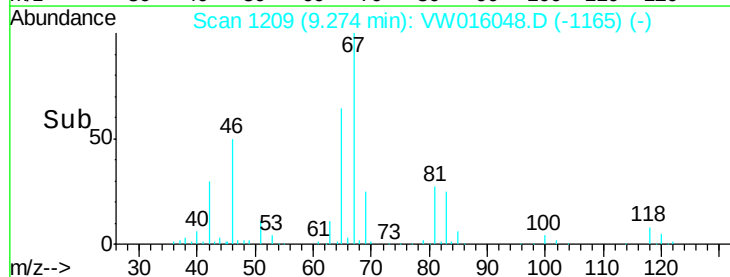
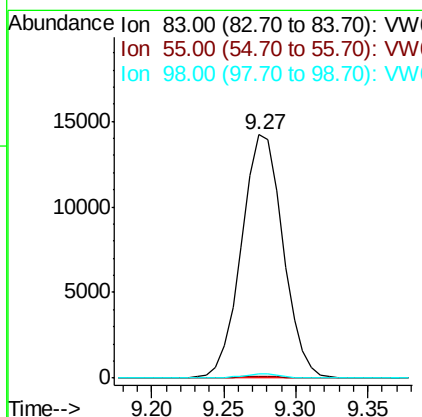
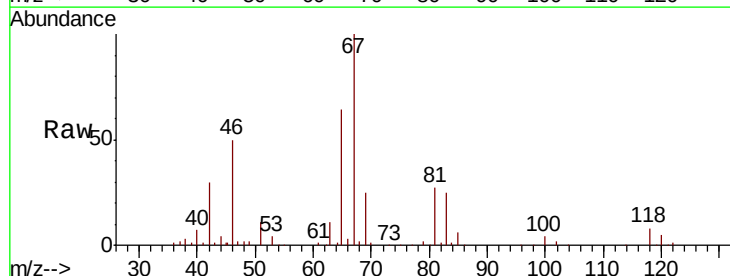
Instrument :
MSVOA_W
ClientSampleId :
BFSL9

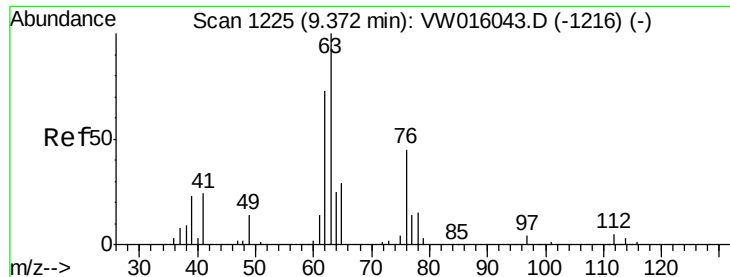
Tot Ion: 84 Resp: 9501
Ion Ratio Lower Upper
84 100
49 116.0 91.1 169.1
86 54.1 46.0 85.4



#36
Methylcyclohexane
Concen: 3.253 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016048.D
Acq: 06 Aug 2020 17:06

Tgt Ion: 83 Resp: 28487
Ion Ratio Lower Upper
83 100
55 0.6 63.5 95.3#
98 1.6 39.0 58.4#





#40

1,2-Dichloropropane

Concen: 2.600 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016048.D

Acq: 06 Aug 2020 17:06

Instrument :

MSVOA_W

ClientSampled :

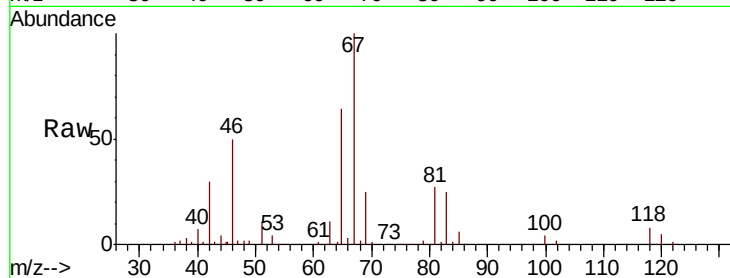
BFSL9

Tot Ion: 63 Resp: 12430

Ion Ratio Lower Upper

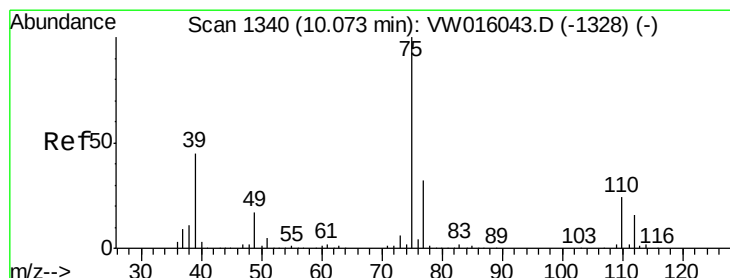
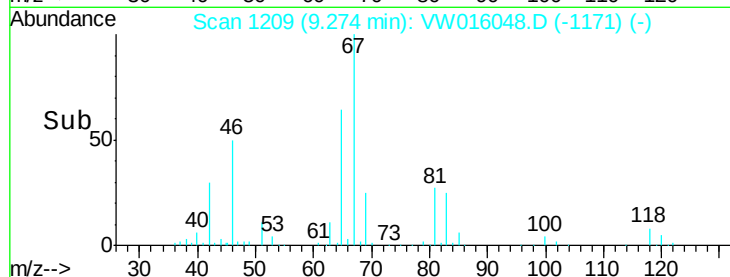
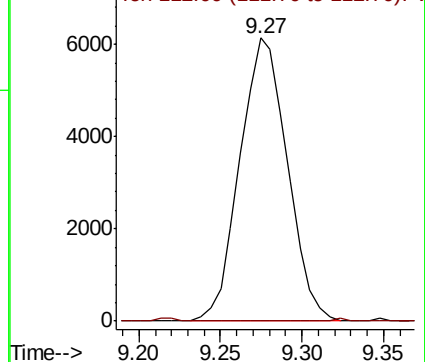
63 100

112 0.4 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016048.D

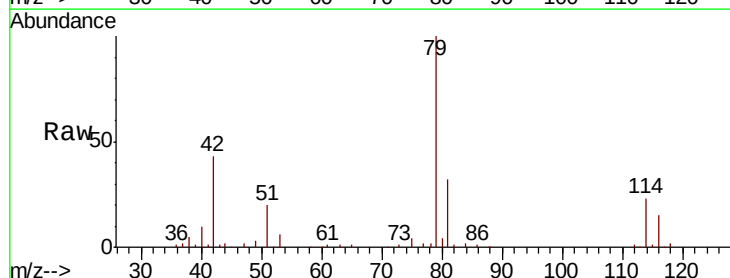
Acq: 06 Aug 2020 17:06

Tgt Ion: 75 Resp: 3102

Ion Ratio Lower Upper

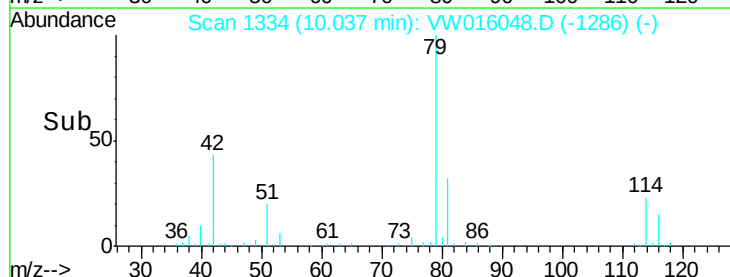
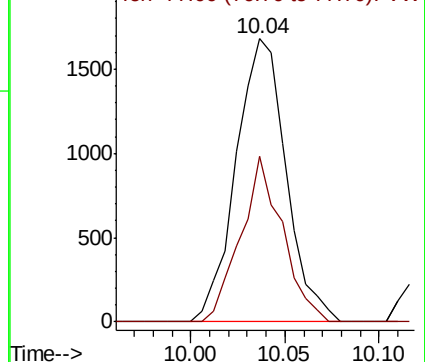
75 100

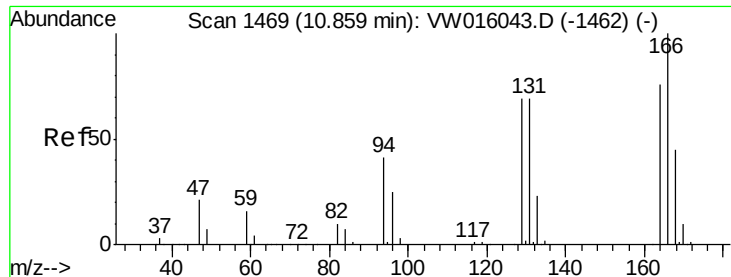
77 58.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

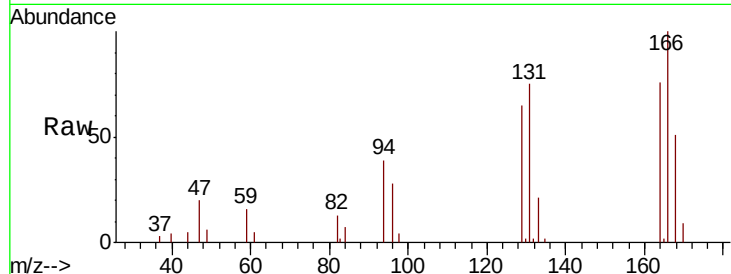




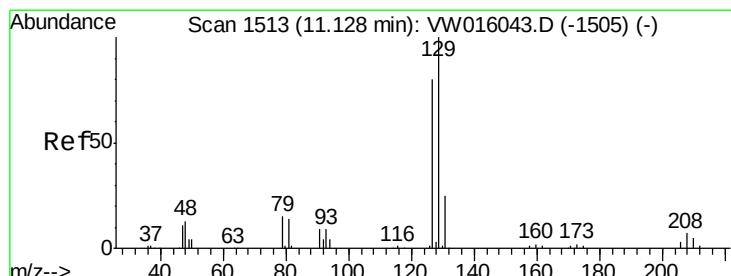
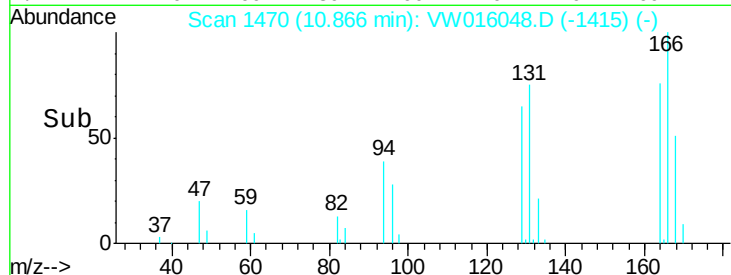
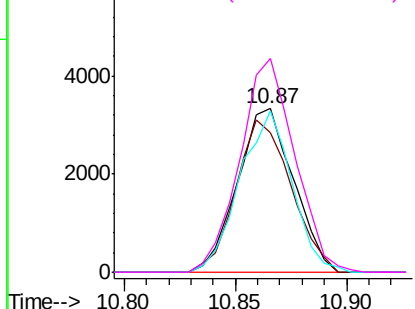
#47
Tetrachloroethene
Concen: 1.472 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016048.D
Acq: 06 Aug 2020 17:06

Instrument :
MSVOA_W
ClientSampled :
BFS9

Tot Ion:164 Resp: 5832
Ion Ratio Lower Upper
164 100
129 85.4 70.0 130.0
131 98.7 67.3 124.9
166 130.8 88.5 164.3

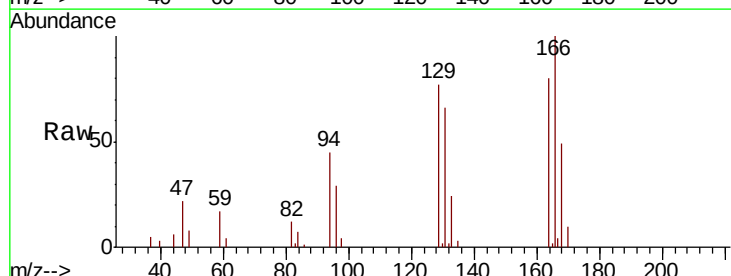


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

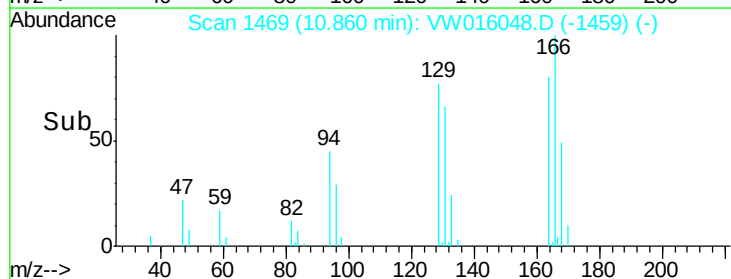
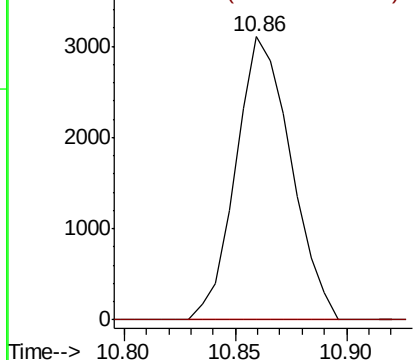


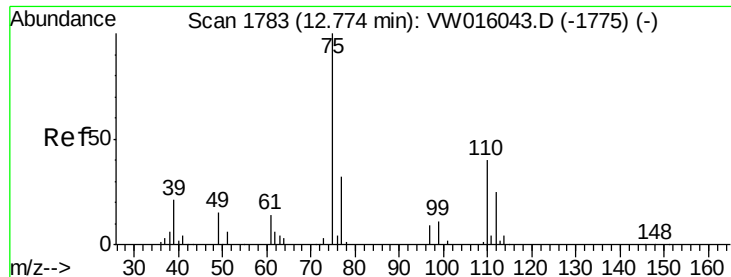
#50
Dibromochloromethane
Concen: 1.347 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW016048.D
Acq: 06 Aug 2020 17:06

Tgt Ion:129 Resp: 5362
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.110 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.78 min

Lab File: VW016048.D

Acq: 06 Aug 2020 17:06

Instrument :

MSVOA_W

ClientSampleId :

BFSL9

Tot Ion: 75 Resp: 15454

Ion Ratio Lower Upper

75 100

77 38.3 26.0 39.0

