

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016050.D
 Acq On : 06 Aug 2020 17:53
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM3

Quant Time: Aug 07 07:43:36 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	336365	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64734	13.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.56%
7) Chloroethane-d5	2.89	69	55850	14.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.96%
10) 1,1-Dichloroethene-d2	4.01	63	110977	11.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.28%
20) 2-Butanone-d5	7.09	46	40008	32.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.18%
24) Chloroform-d	7.65	84	168194	17.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.20%
26) 1,2-Dichloroethane-d4	8.31	65	88614	17.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.36%#
29) Benzene-d6	8.27	84	332425	18.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.88%
33) 1,2-Dichloropropane-d6	9.27	67	100150	18.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.24%
37) Toluene-d8	10.33	98	300316	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.68%
38) trans-1,3-Dichloropropene-	10.58	79	40227	17.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.96%
39) 2-Hexanone-d5	10.93	63	34687	38.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81025	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	100570	19.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.28%

Target Compounds

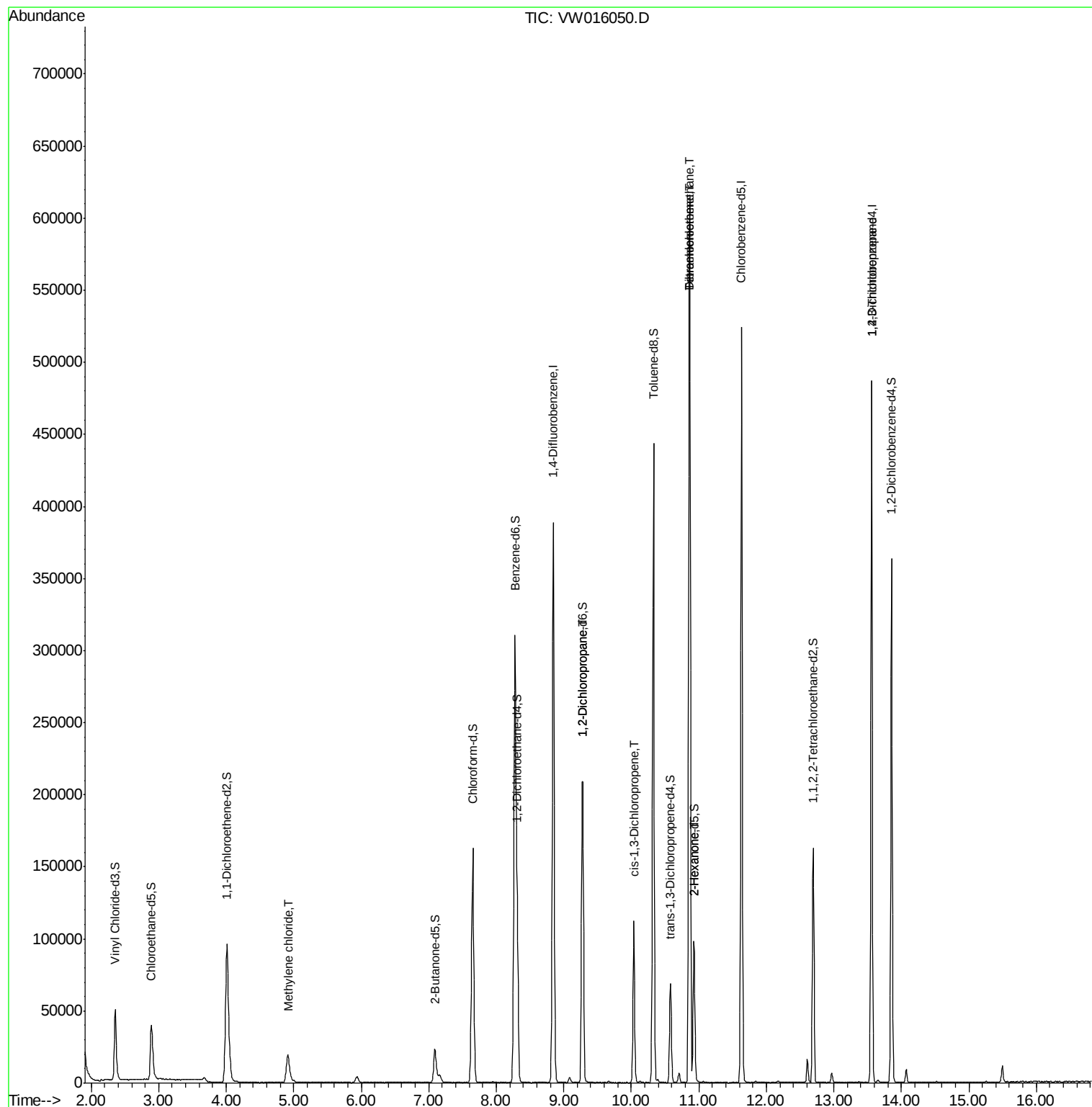
					Ovalue
16) Methylene chloride	4.92	84	17254	3.130 ug/L	89
40) 1,2-Dichloropropane	9.28	63	11056	2.485 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2655	0.392 ug/L #	51
47) Tetrachloroethene	10.87	164	148985	40.408 ug/L	95
49) 2-Hexanone	10.93	43	4537	2.462 ug/L #	67
50) Dibromochloromethane	10.87	129	137769	37.201 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	13979	4.967 ug/L	90

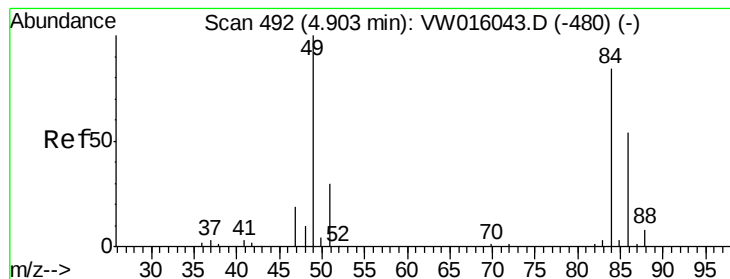
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.130 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

Lab File: VW016050.D

Acq: 06 Aug 2020 17:53

Instrument :

MSVOA_W

ClientSampleId :

BFSM3

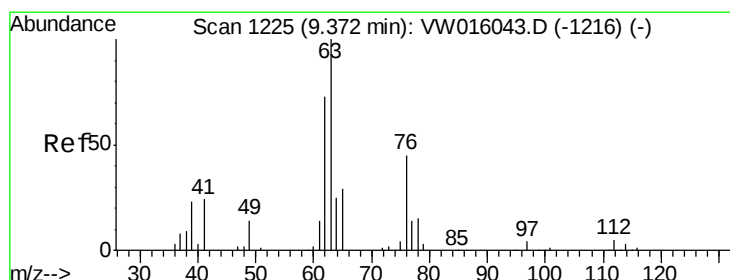
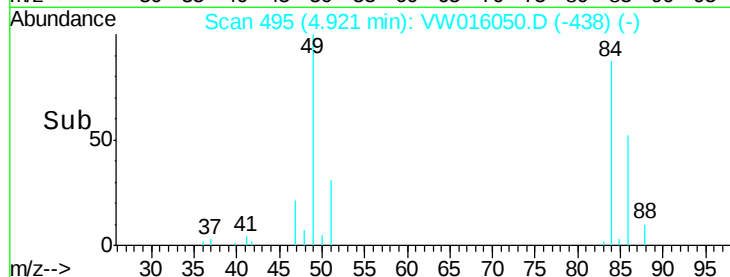
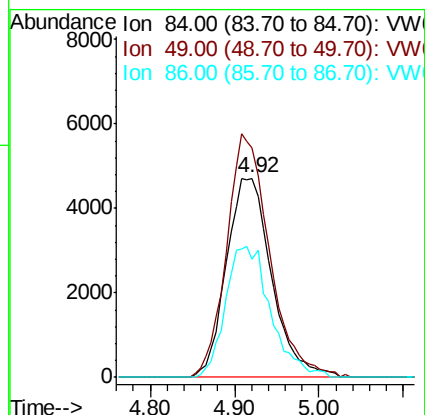
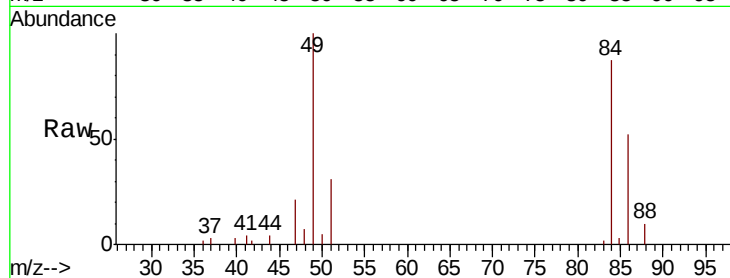
Tot Ion: 84 Resp: 17254

Ion Ratio Lower Upper

84 100

49 115.4 91.1 169.1

86 59.5 46.0 85.4



#40

1,2-Dichloropropane

Concen: 2.485 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016050.D

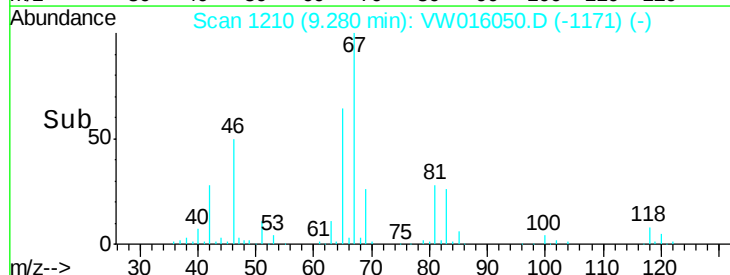
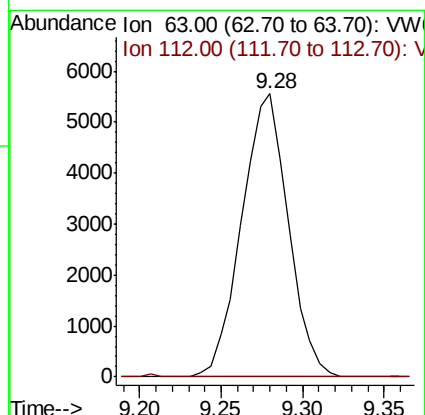
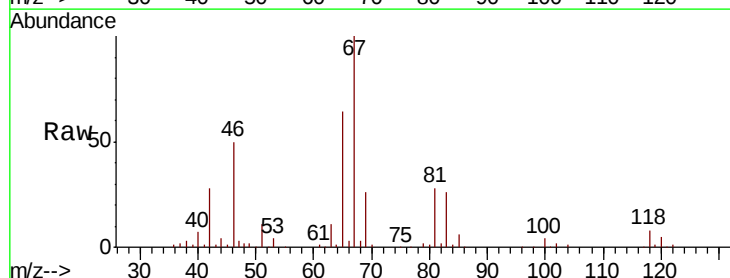
Acq: 06 Aug 2020 17:53

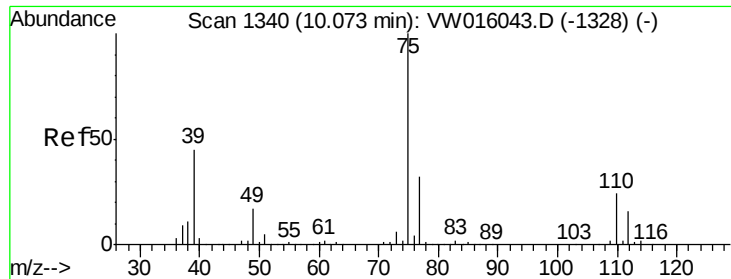
Tgt Ion: 63 Resp: 11056

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.392 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016050.D

Acq: 06 Aug 2020 17:53

Instrument :

MSVOA_W

ClientSampleId :

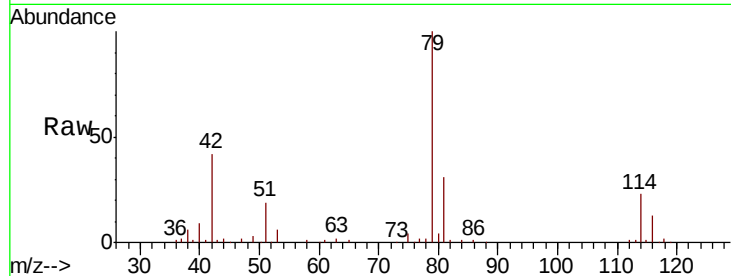
BFSM3

Tot Ion: 75 Resp: 2655

Ion Ratio Lower Upper

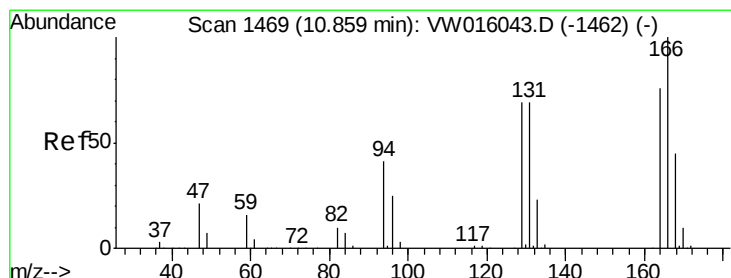
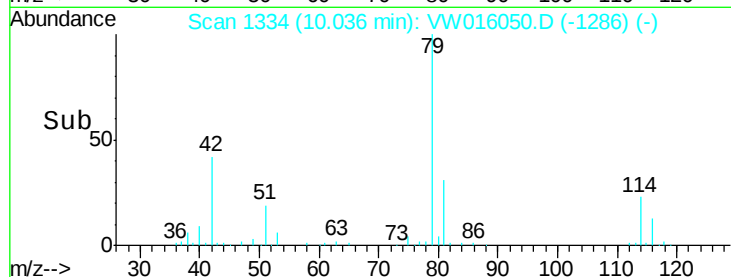
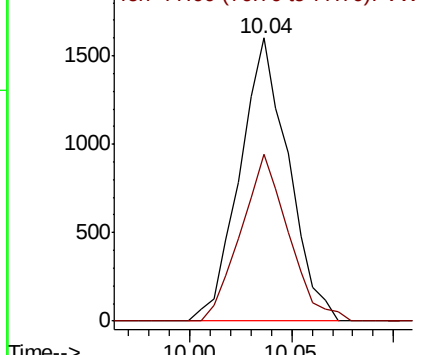
75 100

77 58.9 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: 40.408 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016050.D

Acq: 06 Aug 2020 17:53

Tgt Ion:164 Resp: 148985

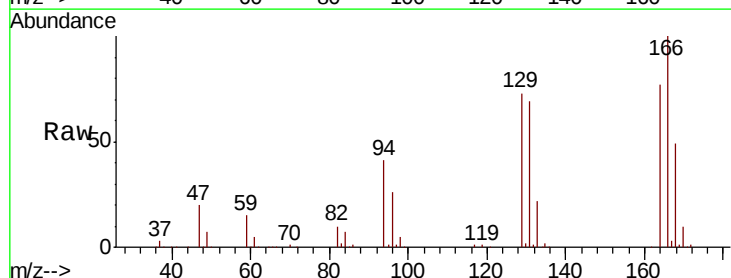
Ion Ratio Lower Upper

164 100

129 94.4 70.0 130.0

131 89.9 67.3 124.9

166 129.4 88.5 164.3

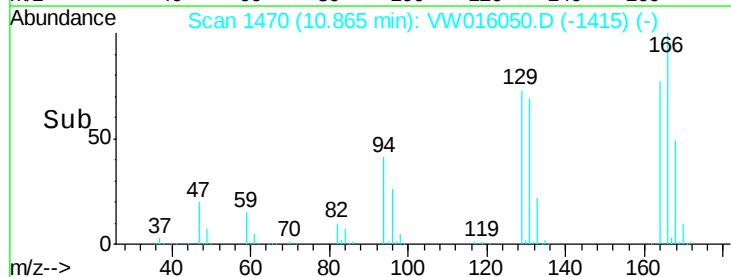
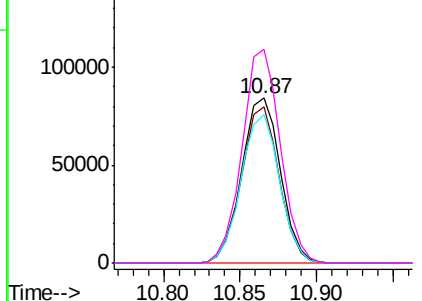


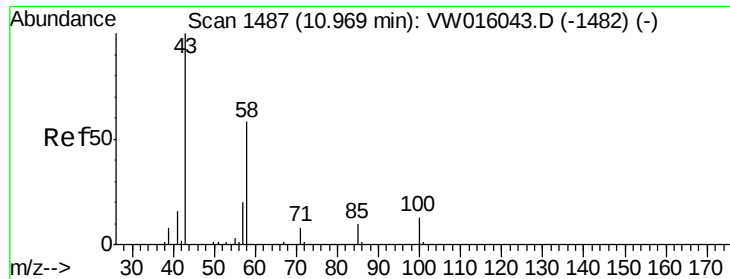
Abundance Ion 164.00 (163.70 to 164.70): V

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

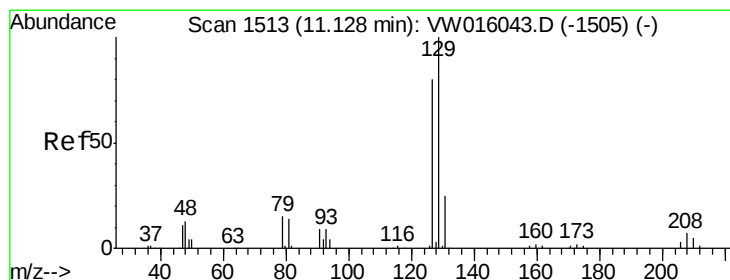
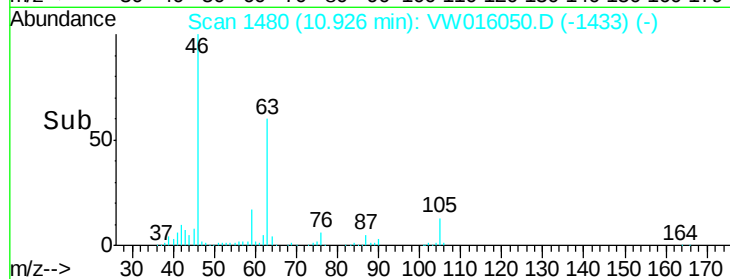
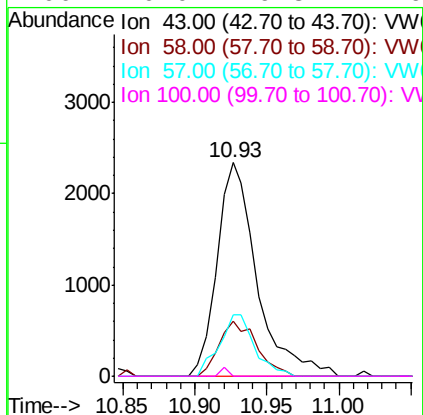
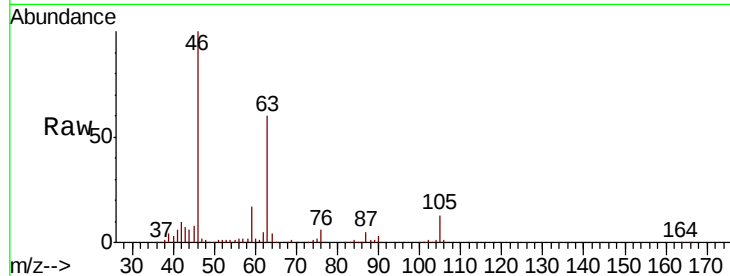




#49
2-Hexanone
Concen: 2.462 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016050.D
Acq: 06 Aug 2020 17:53

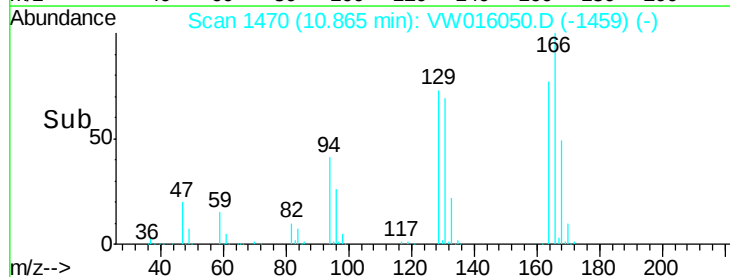
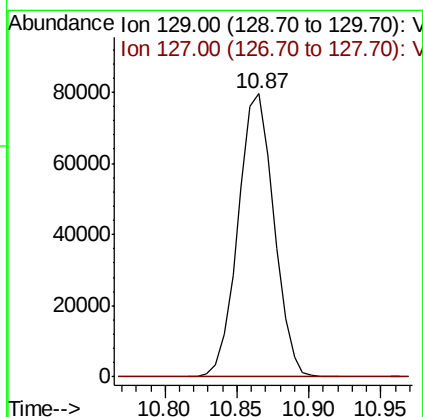
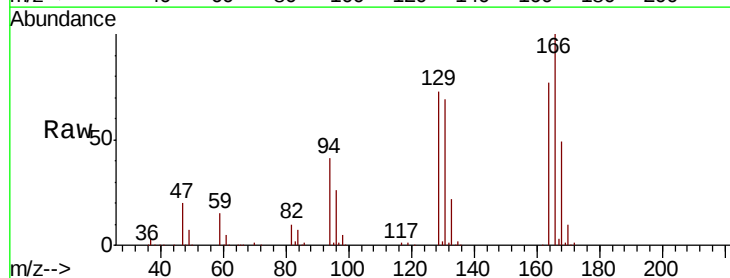
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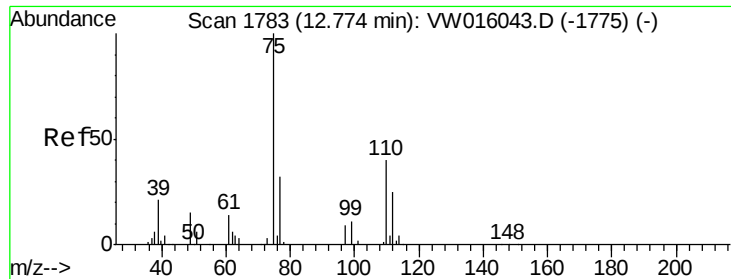
Tot Ion	Ratio	Lower	Upper
43	100		
58	24.2	42.4	63.6#
57	25.4	15.6	23.4#
100	0.0	9.8	14.6#



#50
Dibromochloromethane
Concen: 37.201 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW016050.D
Acq: 06 Aug 2020 17:53

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





#59

1,2,3-Trichloropropane

Concen: 4.967 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016050.D

Acq: 06 Aug 2020 17:53

Instrument :

MSVOA_W

ClientSampleId :

BFSM3

Tot Ion: 75 Resp: 13979

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0

