

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016363.D
 Acq On : 26 Aug 2020 13:37
 Operator : SY/VA
 Sample : L3807-04
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN9

Quant Time: Aug 27 02:43:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	297137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238293	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40775	12.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.40%
7) Chloroethane-d5	2.89	69	37935	15.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.00%
10) 1,1-Dichloroethene-d2	4.02	63	76858	10.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.80%#
20) 2-Butanone-d5	7.08	46	32322	35.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.64%
24) Chloroform-d	7.65	84	155065	20.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	8.31	65	78900	19.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.04%
29) Benzene-d6	8.27	84	255186	19.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.72%
33) 1,2-Dichloropropane-d6	9.27	67	80914	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.32	98	206731	16.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.88%
38) trans-1,3-Dichloropropene-	10.58	79	33271	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.92%
39) 2-Hexanone-d5	10.93	63	27086	45.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64872	21.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	64805	21.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.76%

Target Compounds

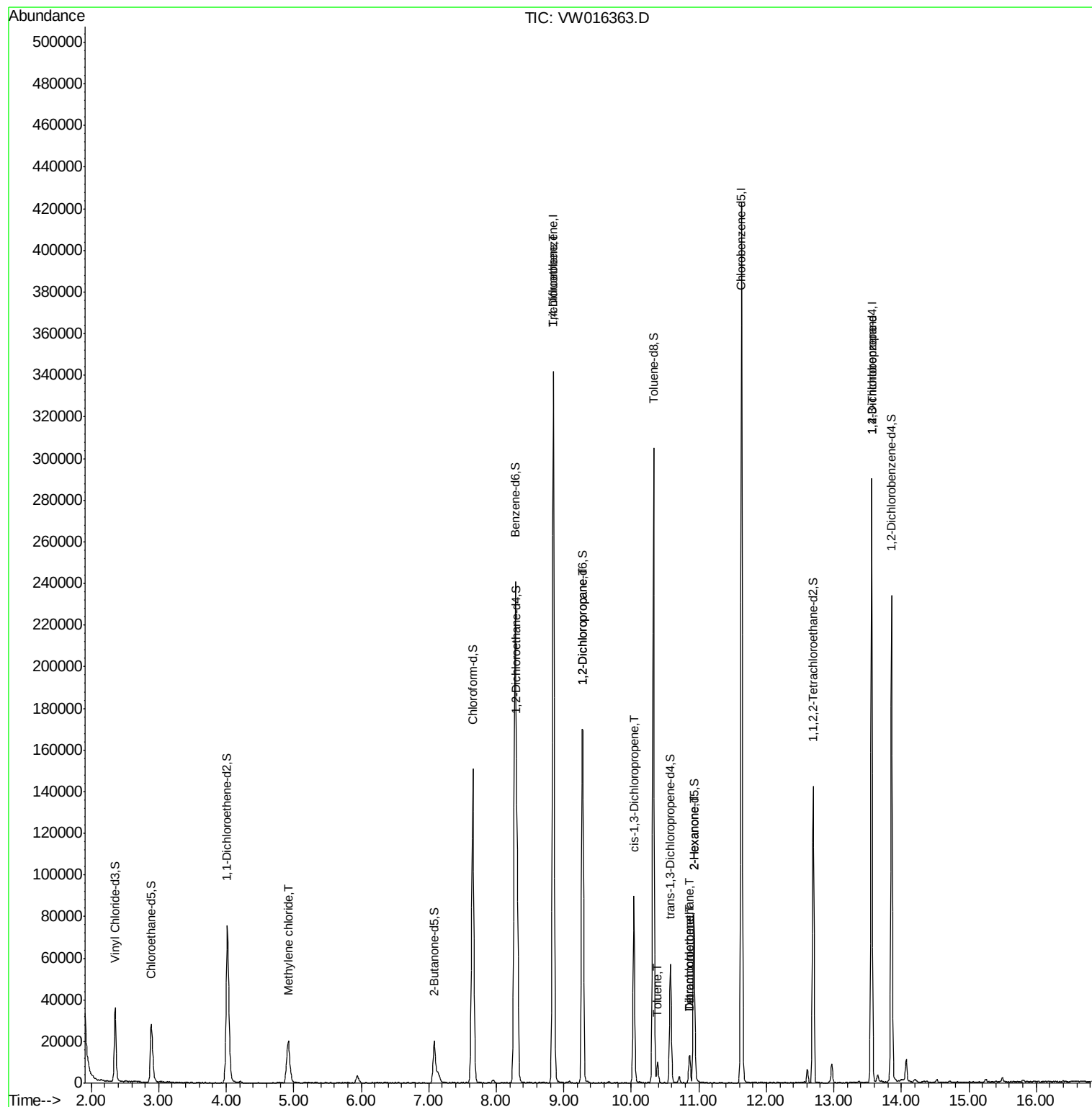
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	17927	3.264	ug/L	96
35) Trichloroethene	8.85	95	9070	2.344	ug/L #	4
40) 1,2-Dichloropropane	9.28	63	9026	2.808	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2333	0.443	ug/L #	71
44) Toluene	10.39	91	7527	0.506	ug/L	94
47) Tetrachloroethene	10.87	164	3136	1.028	ug/L	93
49) 2-Hexanone	10.93	43	3933	3.159	ug/L #	60
50) Dibromochloromethane	10.87	129	3264	0.988	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	8950	3.903	ug/L	97

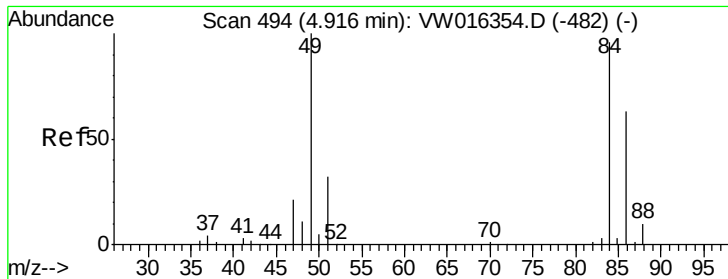
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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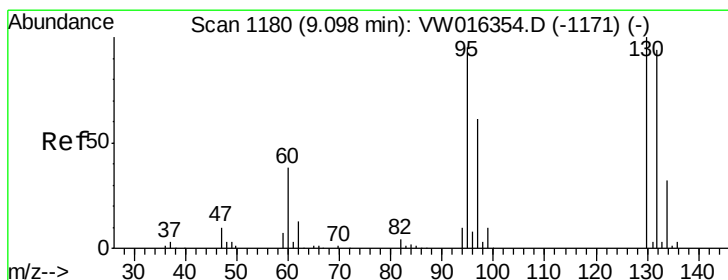
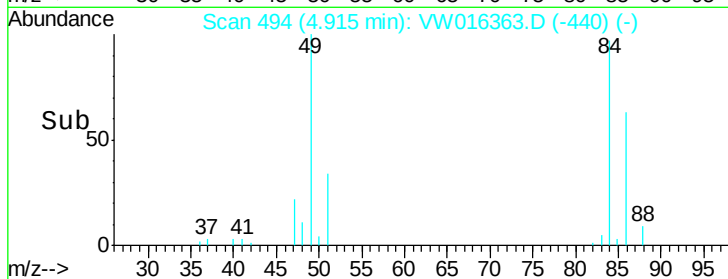
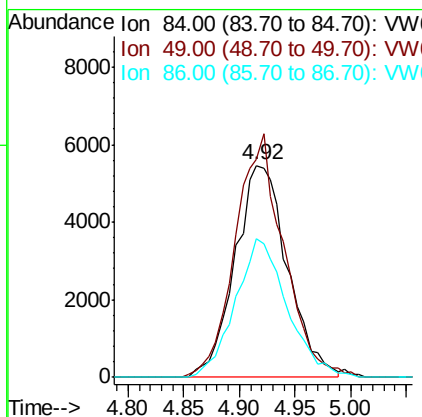
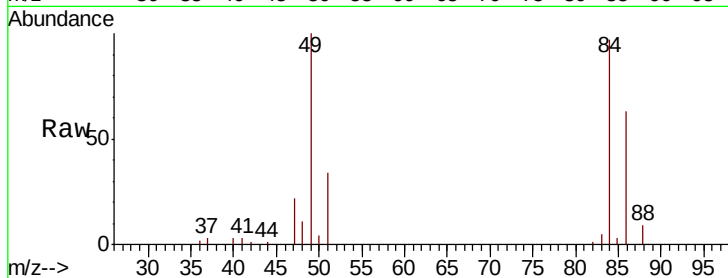




#16
Methvlene chloride
Concen: 3.264 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016363.D
Acq: 26 Aug 2020 13:37

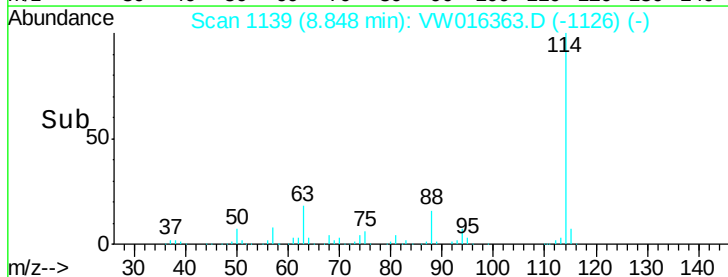
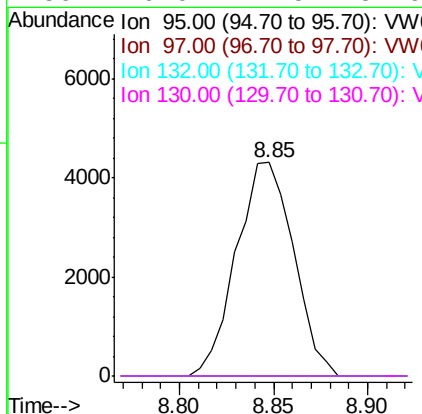
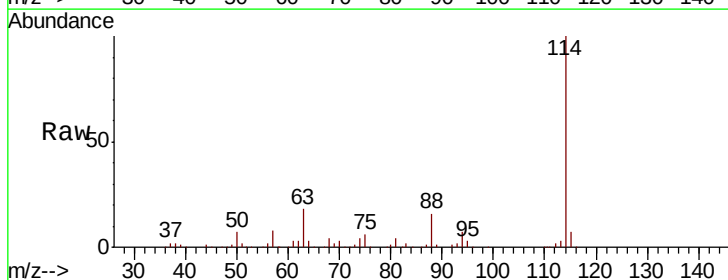
Instrument :
MSVOA_W
ClientSampleId :
BFSN9

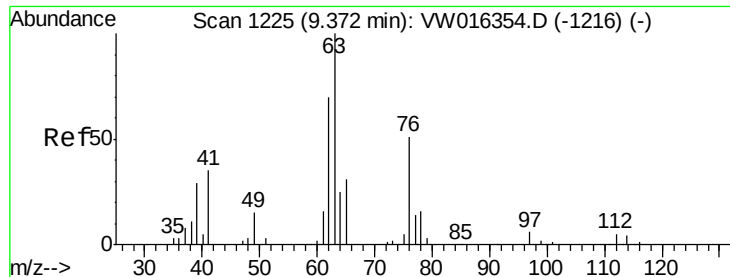
Tot Ion: 84 Resp: 17927
Ion Ratio Lower Upper
84 100
49 103.2 75.3 139.9
86 65.4 43.3 80.3



#35
Trichloroethene
Concen: 2.344 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016363.D
Acq: 26 Aug 2020 13:37

Tgt Ion: 95 Resp: 9070
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 68.2 126.6#
130 0.0 71.5 132.9#

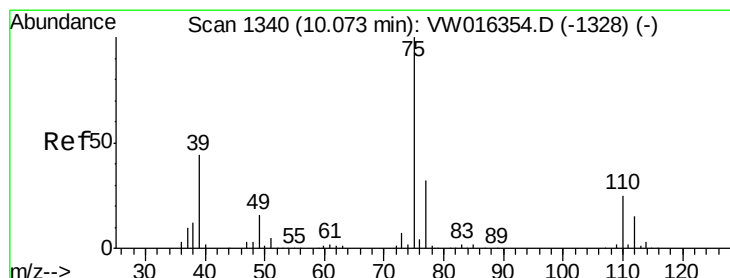
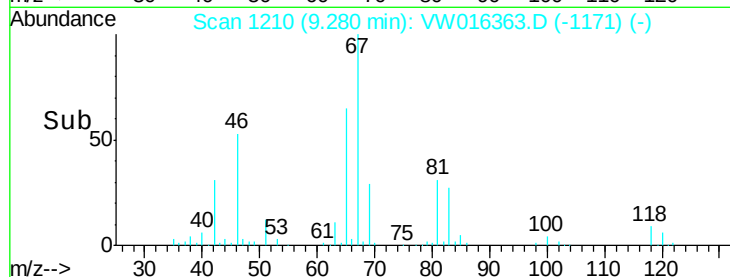
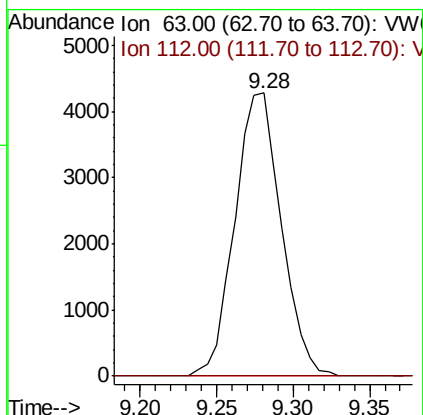
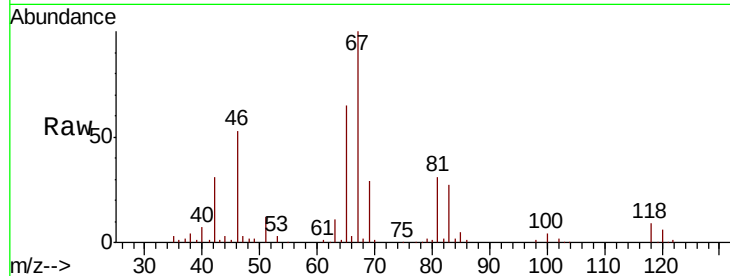




#40
 1,2-Dichloropropane
 Concen: 2.808 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016363.D
 Acq: 26 Aug 2020 13:37

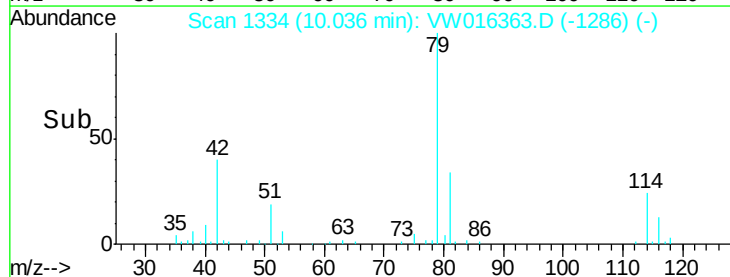
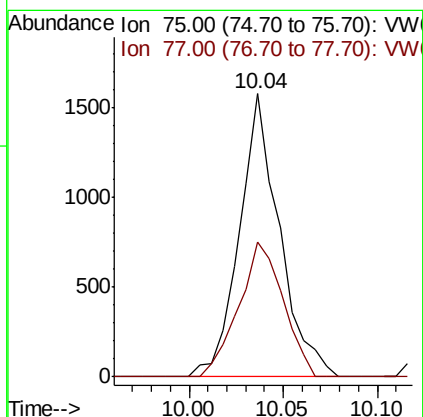
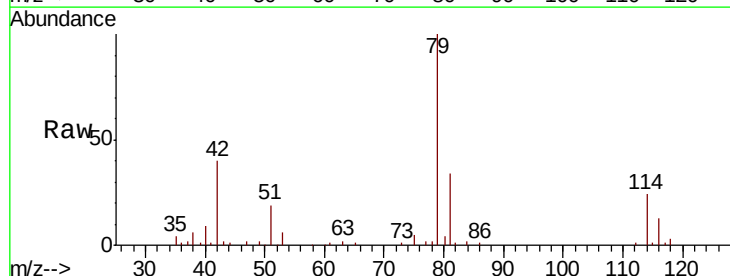
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 MSVOA_W
 ClientSampleId :
 BFSN9

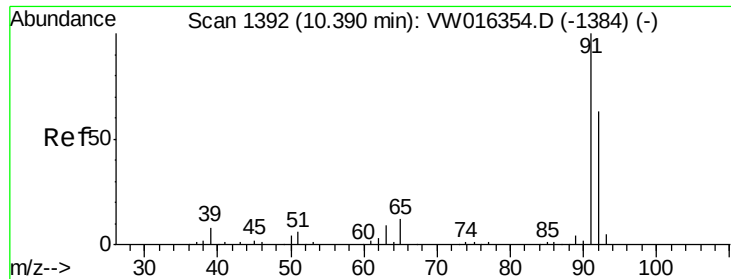
Tot Ion: 63 Resp: 9026
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.4 6.6#



#42
 cis-1,3-Dichloropropene
 Concen: 0.443 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016363.D
 Acq: 26 Aug 2020 13:37

Tgt Ion: 75 Resp: 2333
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.0 40.8#





#44

Toluene

Concen: 0.506 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016363.D

Acq: 26 Aug 2020 13:37

Instrument :

MSVOA_W

ClientSampleId :

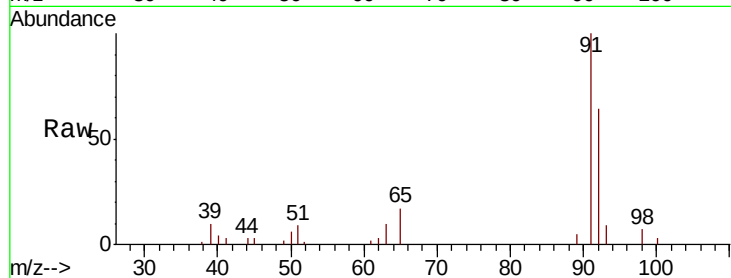
BFSN9

Tot Ion: 91 Resp: 7527

Ion Ratio Lower Upper

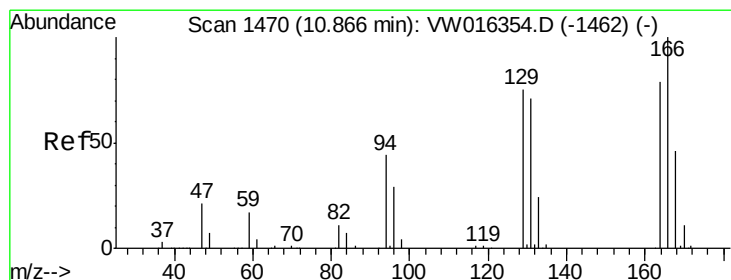
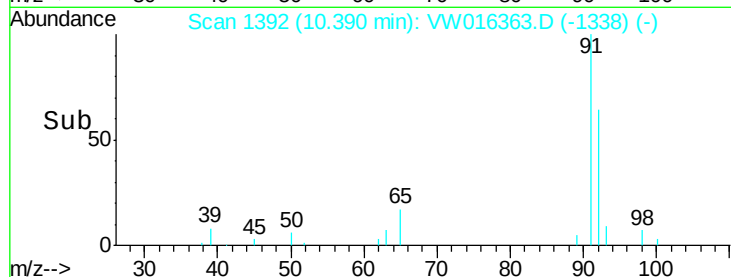
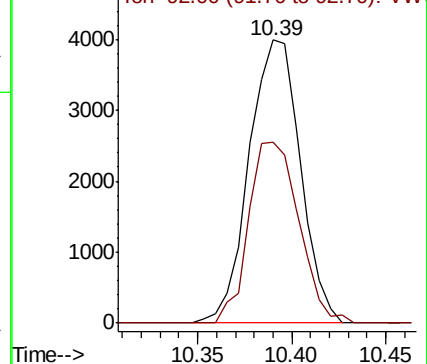
91 100

92 63.9 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 1.028 ug/L

RT: 10.87 min Scan# 1471

Delta R.T. 0.01 min

Lab File: VW016363.D

Acq: 26 Aug 2020 13:37

Tgt Ion: 164 Resp: 3136

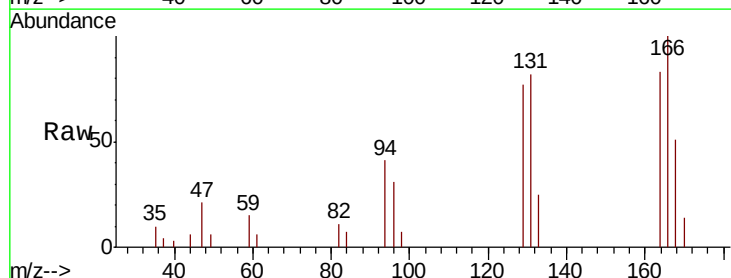
Ion Ratio Lower Upper

164 100

129 93.0 71.5 132.7

131 98.5 67.4 125.2

166 120.3 92.5 171.9

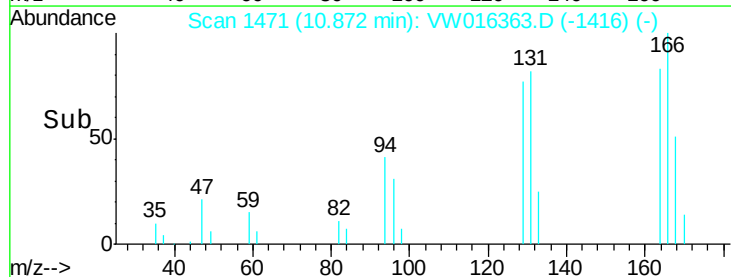
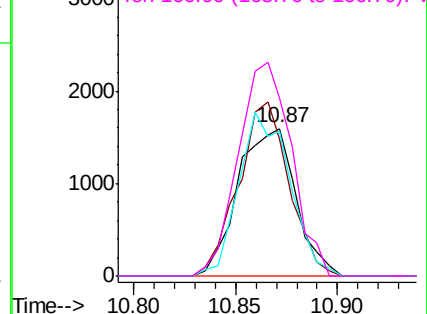


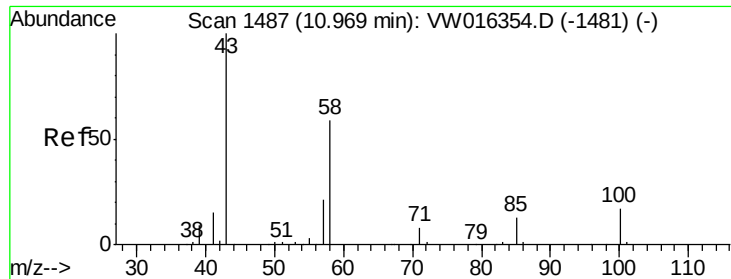
Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.159 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016363.D

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Tot Ion: 43 Resp: 3933

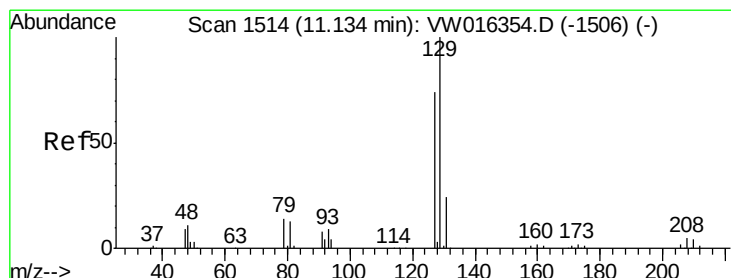
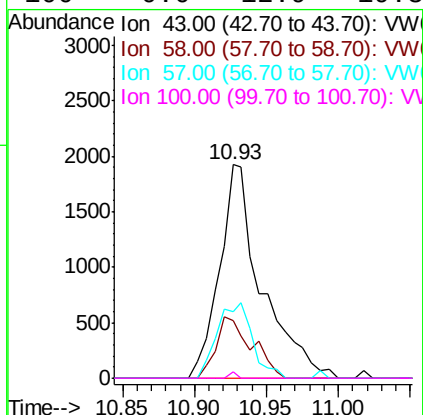
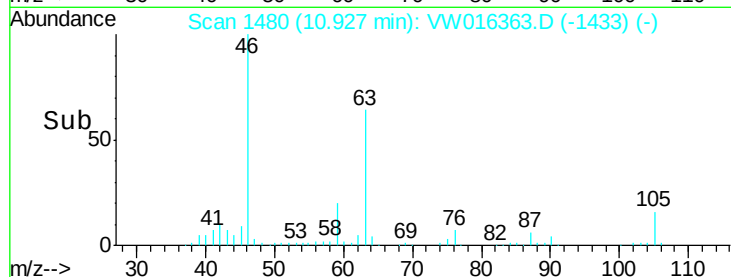
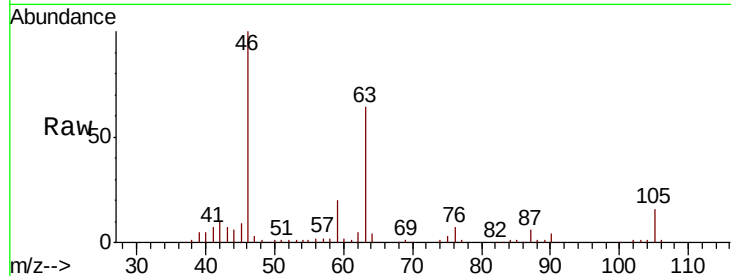
Ion Ratio Lower Upper

43 100

58 24.3 49.5 74.3#

57 29.6 17.7 26.5#

100 0.0 12.9 19.3#



#50

Dibromochloromethane

Concen: 0.988 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016363.D

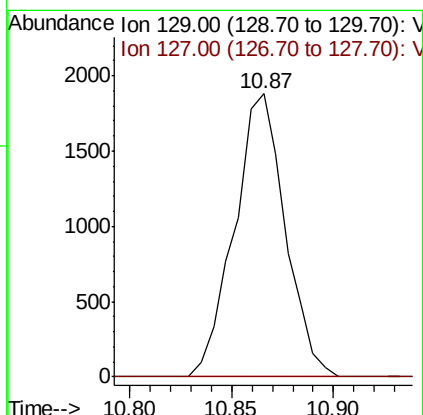
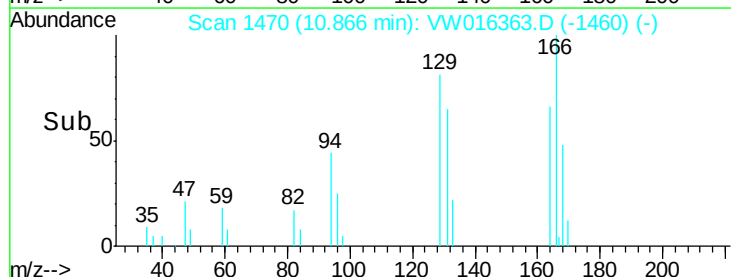
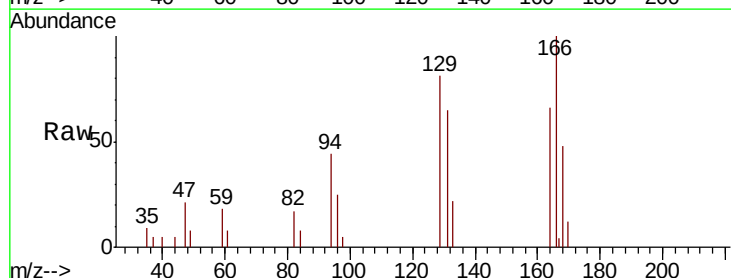
Acq: 26 Aug 2020 13:37

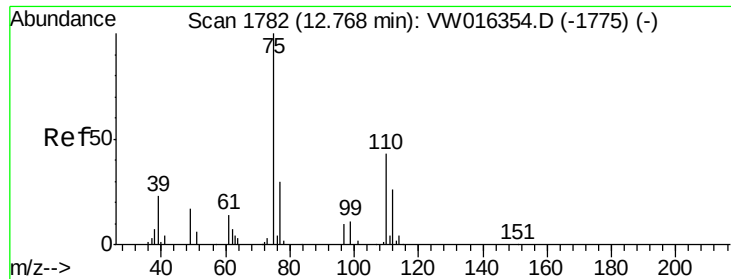
Tgt Ion: 129 Resp: 3264

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#





#59

1,2,3-Trichloropropane

Concen: 3.903 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016363.D

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Tot Ion: 75 Resp: 8950

Ion Ratio Lower Upper

75 100

77 35.9 27.1 40.7

