

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017192.D
 Acq On : 12 Nov 2020 18:06
 Operator : SY/VA
 Sample : L4727-01
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB6

Quant Time: Nov 13 04:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	455359	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155116	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110461	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.04%
7) Chloroethane-d5	2.89	69	92809	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
10) 1,1-Dichloroethene-d2	4.02	63	164229	16.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.04%
20) 2-Butanone-d5	7.08	46	48961	38.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.34%
24) Chloroform-d	7.65	84	245820	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.31	65	128333	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.27	84	476876	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	133379	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	10.32	98	447912	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloropropene-	10.58	79	55790	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	10.93	63	41653	42.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98963	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	139372	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

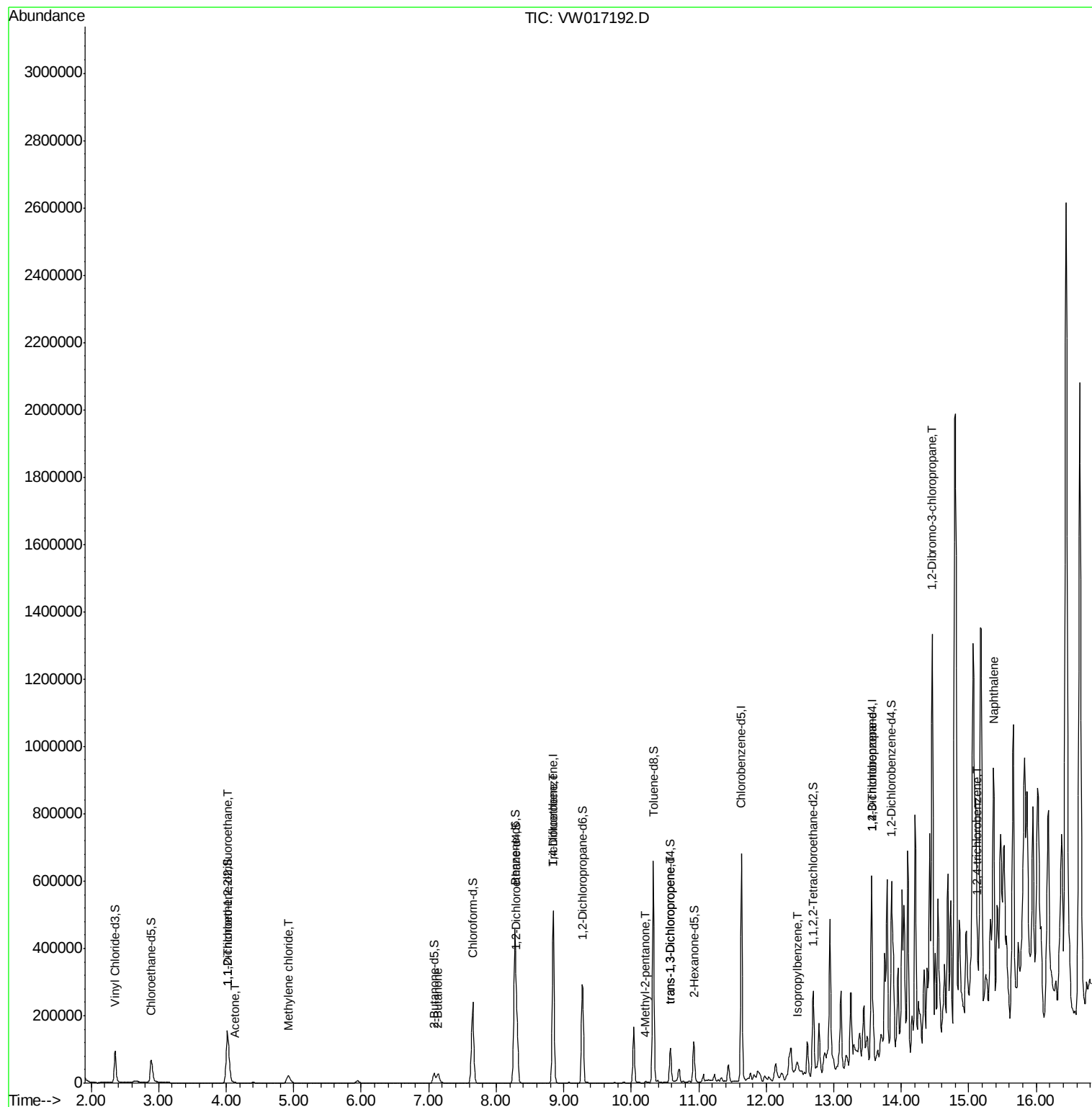
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1857	0.316	ug/L #	17
13) Acetone	4.14	43	1866	2.173	ug/L	89
16) Methylene chloride	4.92	84	21466	3.497	ug/L	96
21) 2-Butanone	7.15	43	1002	0.727	ug/L	78
35) Trichloroethene	8.84	95	14115	2.433	ug/L #	2
43) 4-Methyl-2-pentanone	10.21	43	2301	0.770	ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	3016	0.458	ug/L	92
57) Isopropylbenzene	12.46	105	7822	0.305	ug/L #	87
59) 1,2,3-Trichloropropane	13.56	75	17948	5.177	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.46	75	7028	12.216	ug/L #	1
68) 1,2,4-trichlorobenzene	15.13	180	2670	0.471	ug/L #	1
69) Naphthalene	15.36	128	604577	57.897	ug/L	98

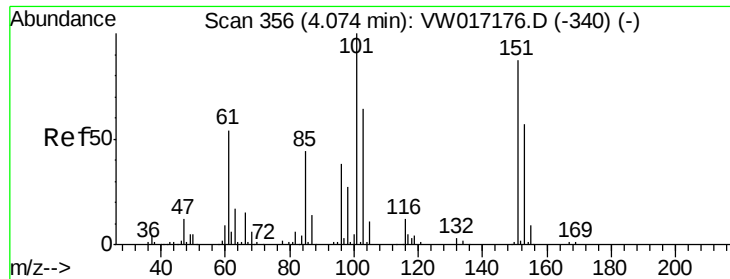
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017192.D
Acq On : 12 Nov 2020 18:06
Operator : SY/VA
Sample : L4727-01
Misc : 5.32G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB6

Quant Time: Nov 13 04:21:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.316 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

Instrument :

MSVOA_W

ClientSampled :

C0AB6

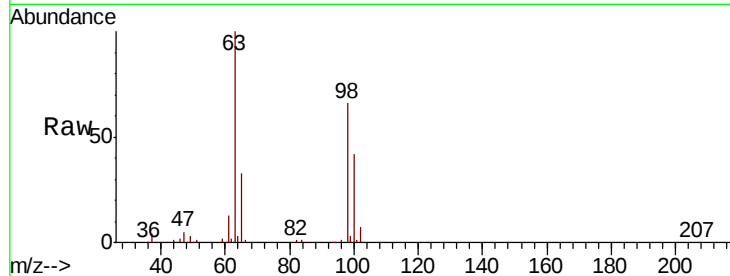
Tot Ion:101 Resp: 1857

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

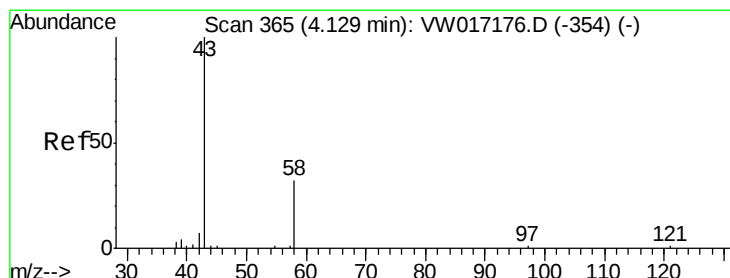
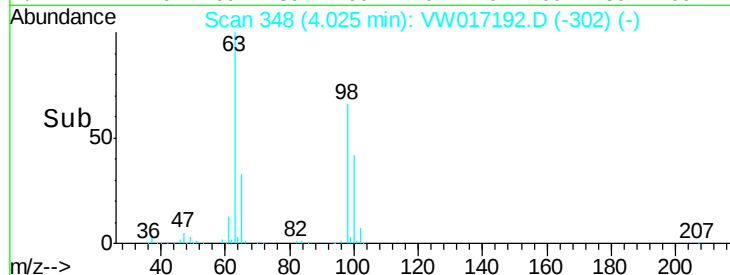
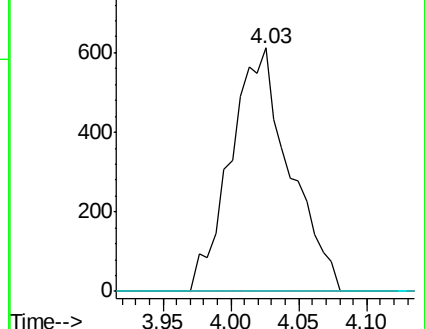
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.173 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017192.D

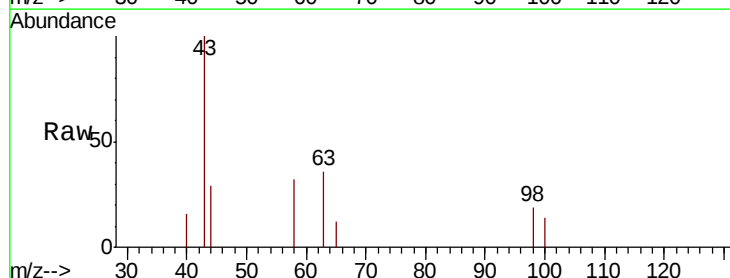
Acq: 12 Nov 2020 18:06

Tgt Ion: 43 Resp: 1866

Ion Ratio Lower Upper

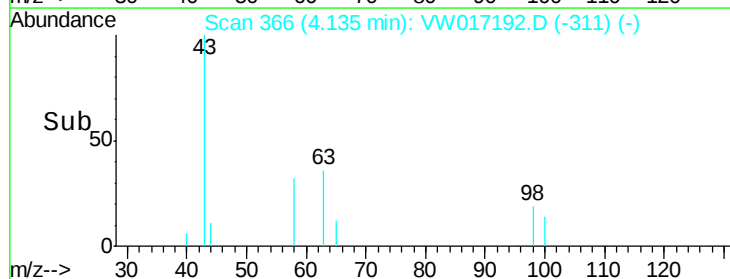
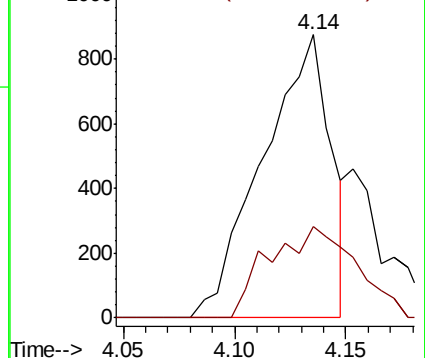
43 100

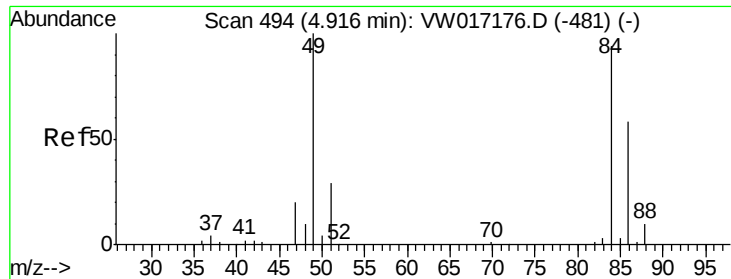
58 41.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

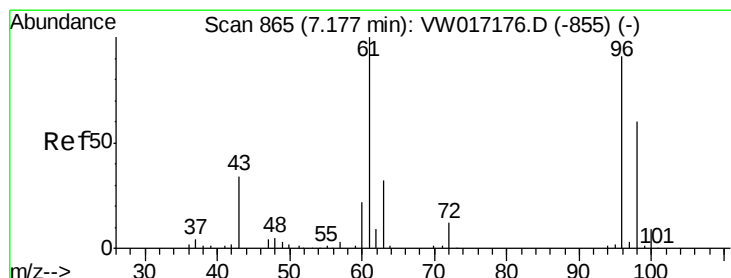
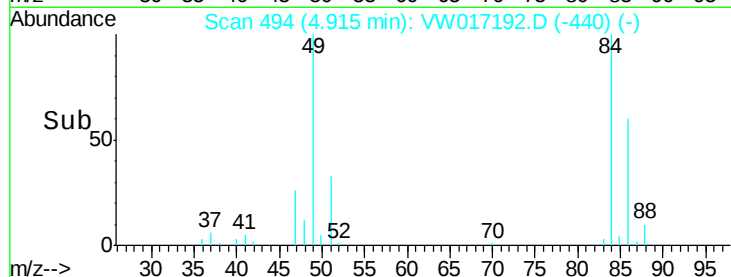
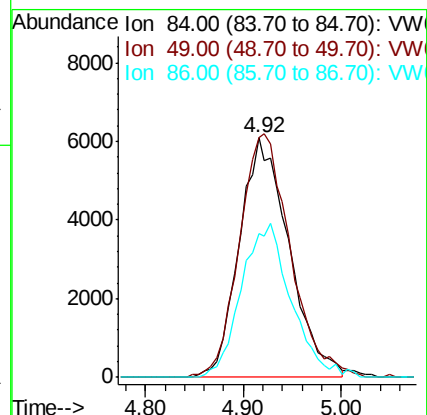
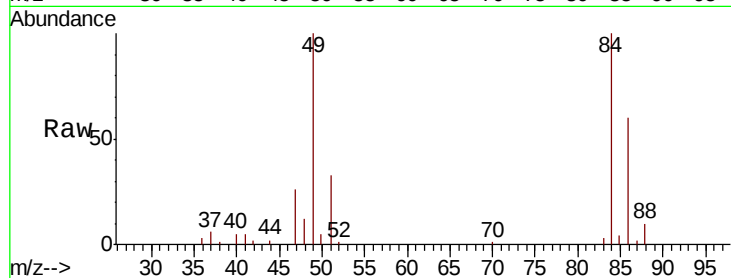




#16
Methylene chloride
Concen: 3.497 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017192.D
Acq: 12 Nov 2020 18:06

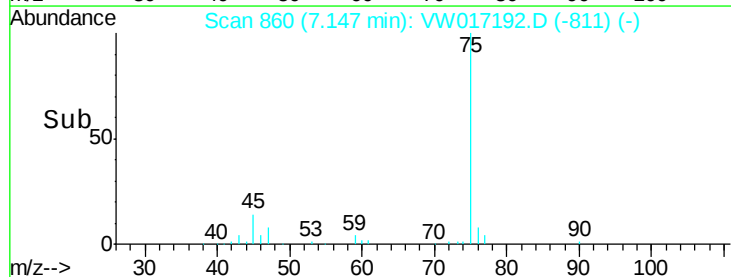
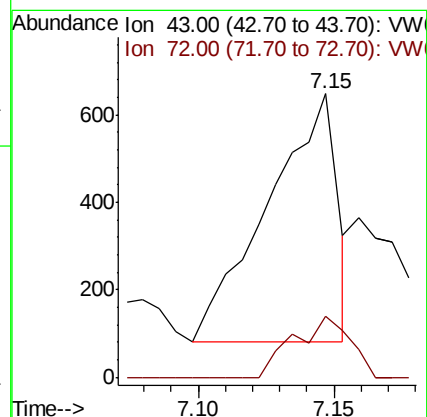
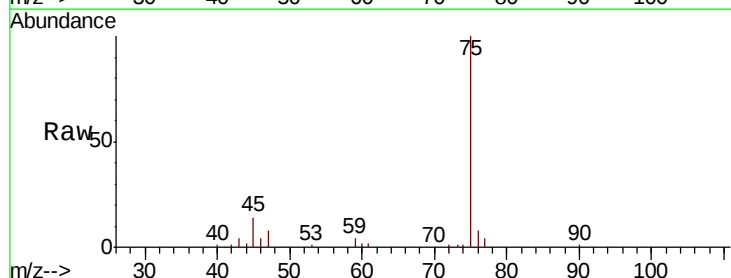
Instrument :
MSVOA_W
ClientSampleId :
C0AB6

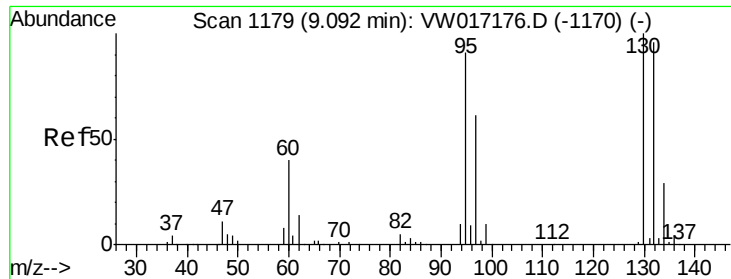
Tot Ion: 84 Resp: 21466
Ion Ratio Lower Upper
84 100
49 100.2 72.3 134.3
86 60.0 45.1 83.7



#21
2-Butanone
Concen: 0.727 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW017192.D
Acq: 12 Nov 2020 18:06

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
72 19.9 16.1 48.3





#35

Trichloroethene

Concen: 2.433 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

Instrument :

MSVOA_W

ClientSampled :

C0AB6

Tot Ion: 95 Resp: 14115

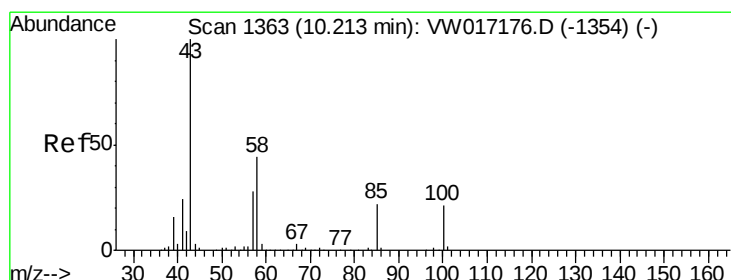
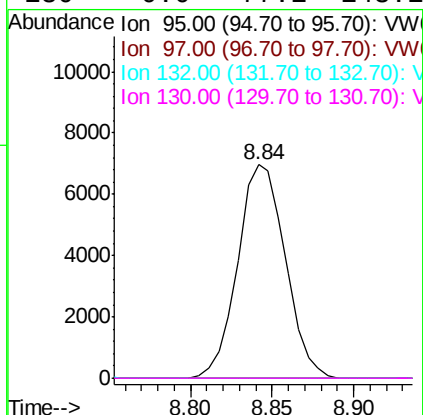
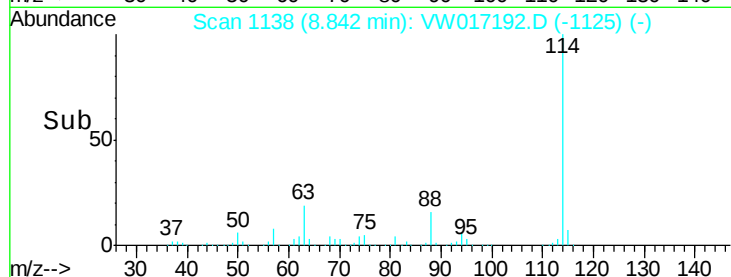
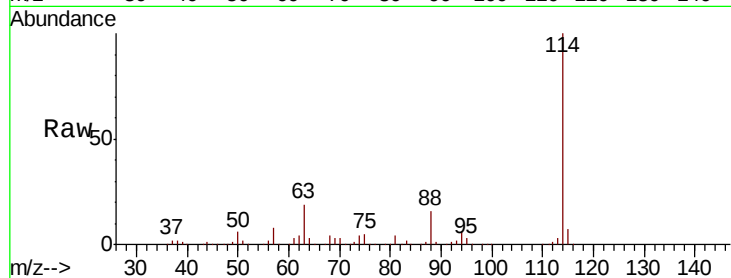
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#



#43

4-Methyl-2-pentanone

Concen: 0.770 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

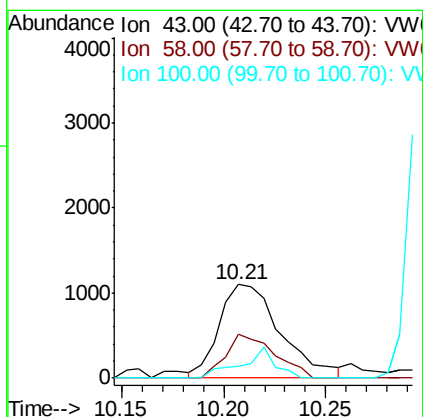
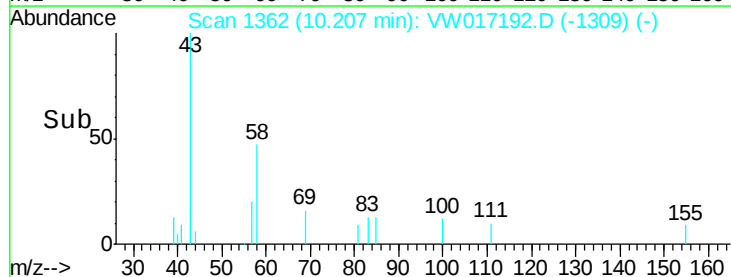
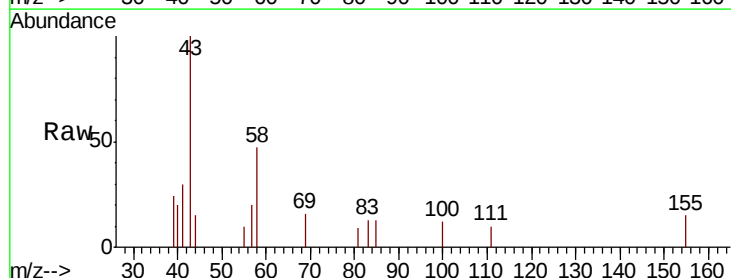
Tgt Ion: 43 Resp: 2301

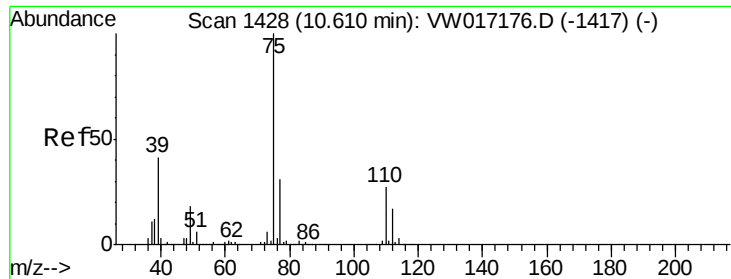
Ion Ratio Lower Upper

43 100

58 37.4 35.0 52.6

100 17.9 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.458 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

Instrument :

MSVOA_W

ClientSampled :

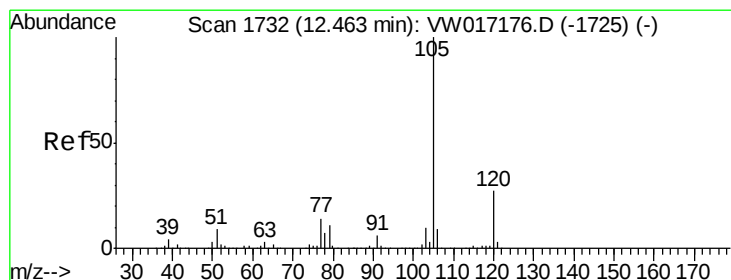
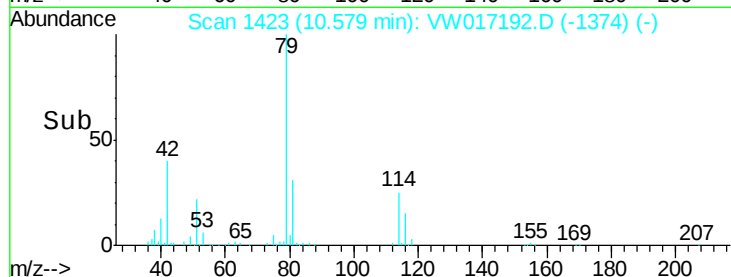
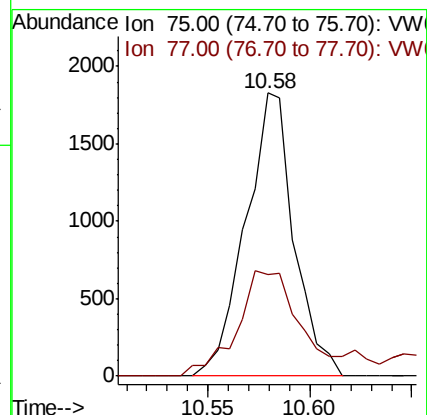
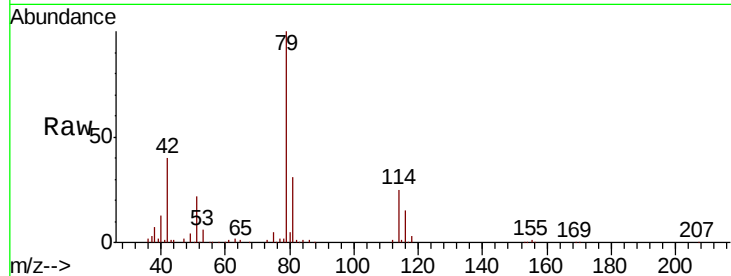
C0AB6

Tot Ion: 75 Resp: 3016

Ion Ratio Lower Upper

75 100

77 36.0 22.1 41.1



#57

Isopropylbenzene

Concen: 0.305 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

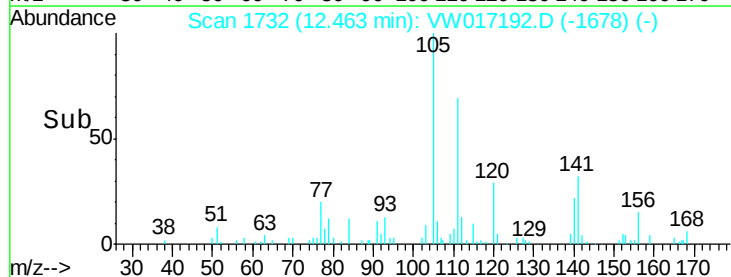
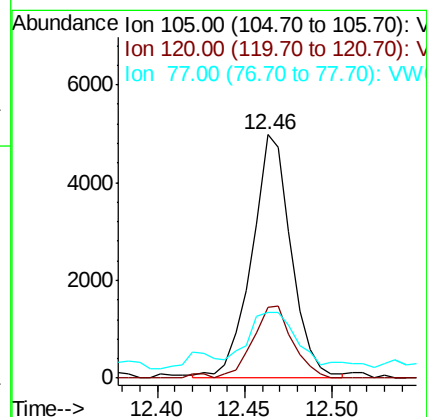
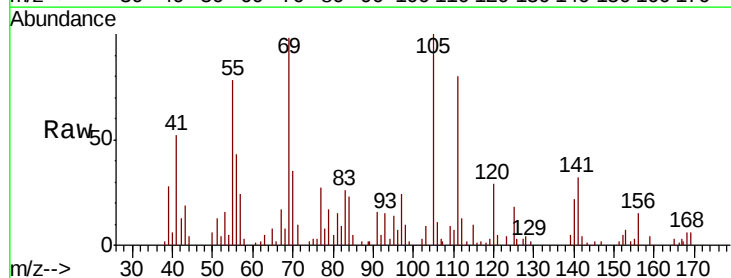
Tgt Ion: 105 Resp: 7822

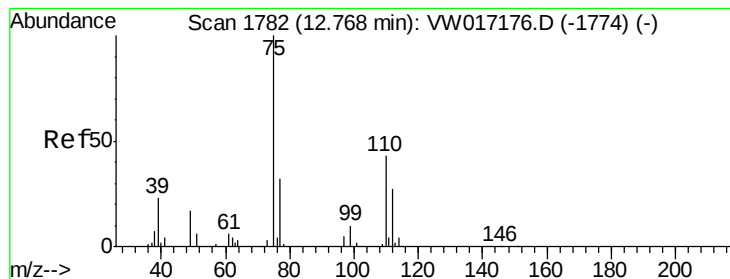
Ion Ratio Lower Upper

105 100

120 29.8 21.8 32.6

77 25.2 11.4 17.0#





#59

1,2,3-Trichloropropane

Concen: 5.177 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

Instrument :

MSVOA_W

ClientSampleId :

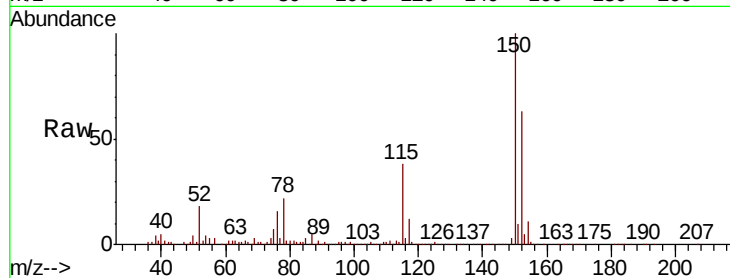
C0AB6

Tot Ion: 75 Resp: 17948

Ion Ratio Lower Upper

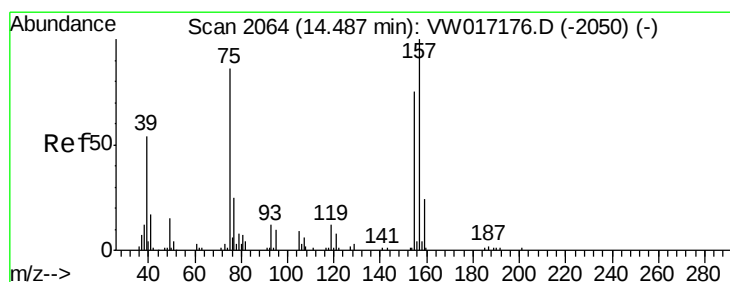
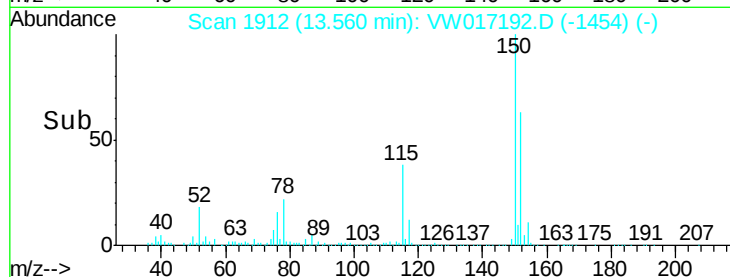
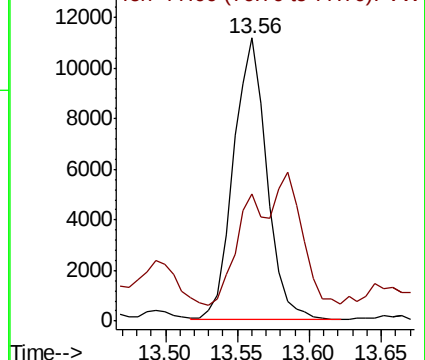
75 100

77 37.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#66

1,2-Dibromo-3-chloropropane

Concen: 12.216 ug/L

RT: 14.46 min Scan# 2059

Delta R.T. -0.03 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

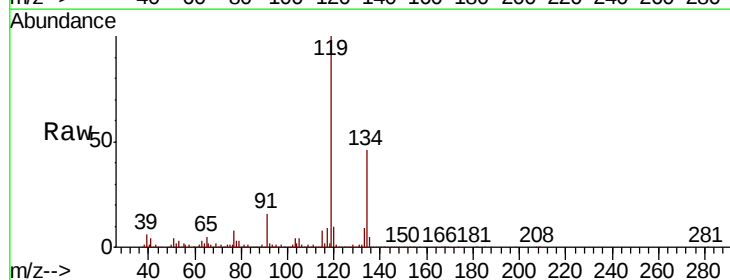
Tgt Ion: 75 Resp: 7028

Ion Ratio Lower Upper

75 100

157 2.5 108.2 162.4#

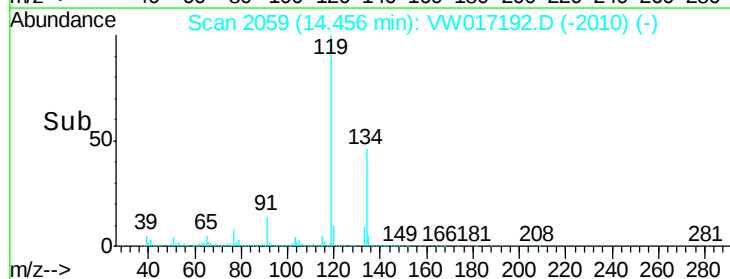
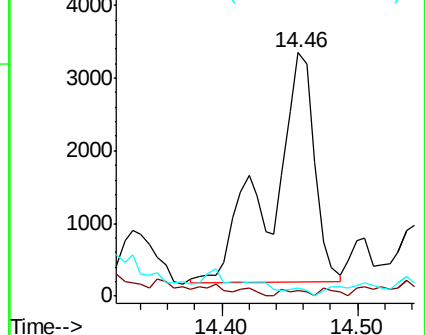
155 3.1 79.1 118.7#

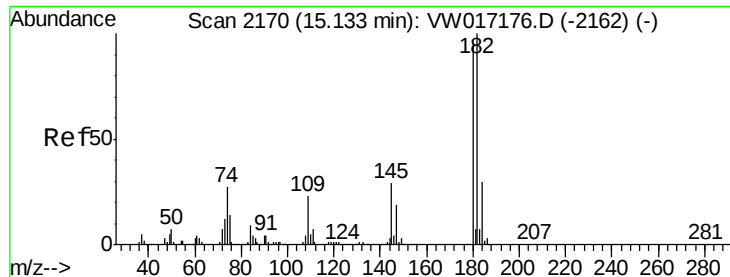


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#68

1,2,4-trichlorobenzene

Concen: 0.471 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

Instrument :

MSVOA_W

ClientSampleId :

C0AB6

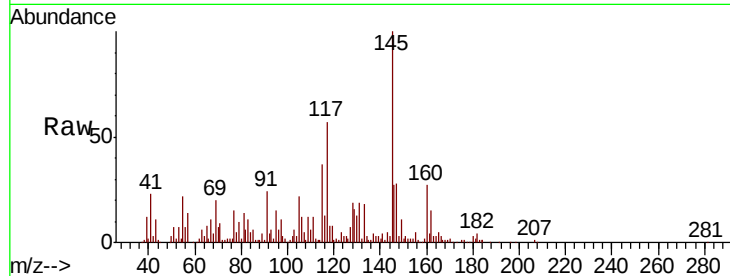
Tot Ion:180 Resp: 2670

Ion Ratio Lower Upper

180 100

182 85.3 76.7 115.1

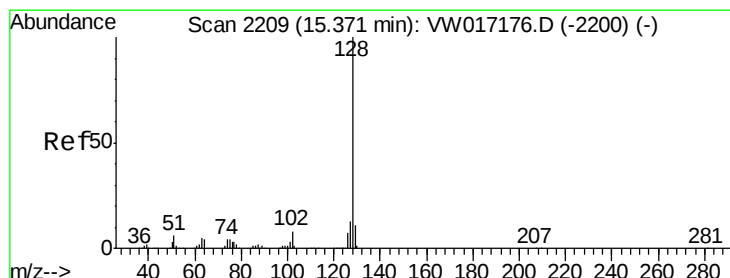
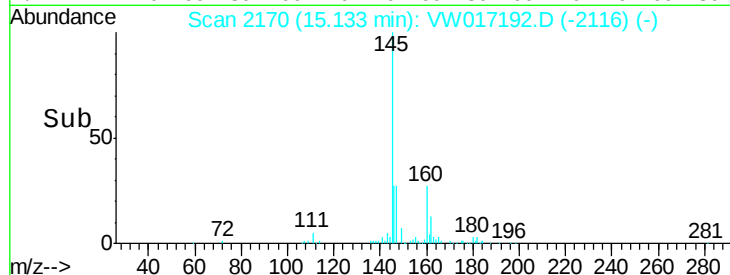
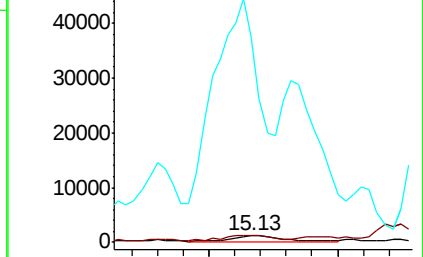
145 4451.6 23.6 35.4#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#69

Naphthalene

Concen: 57.897 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW017192.D

Acq: 12 Nov 2020 18:06

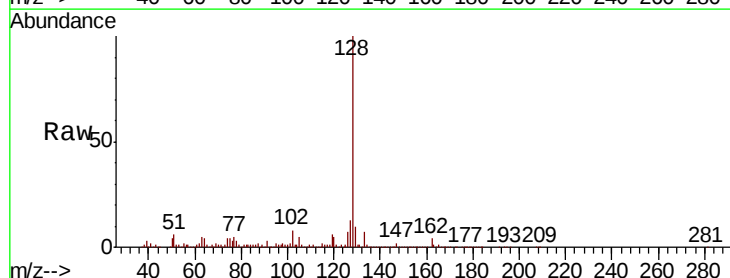
Tgt Ion:128 Resp: 604577

Ion Ratio Lower Upper

128 100

129 9.2 8.6 12.8

127 13.1 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

