

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016691.D
 Acq On : 29 Sep 2020 17:03
 Operator : SY/VA
 Sample : L4184-16
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP2

Quant Time: Sep 30 07:17:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	669784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	559618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230822	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	121516	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.96%
7) Chloroethane-d5	2.91	69	113247	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
10) 1,1-Dichloroethene-d2	4.03	63	204677	14.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.48%
20) 2-Butanone-d5	7.09	46	69666	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
24) Chloroform-d	7.65	84	325384	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	168342	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.28	84	617526	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.28	67	176603	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.88%
37) Toluene-d8	10.33	98	571004	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	70695	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.48%
39) 2-Hexanone-d5	10.93	63	57075	46.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136080	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	181537	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds

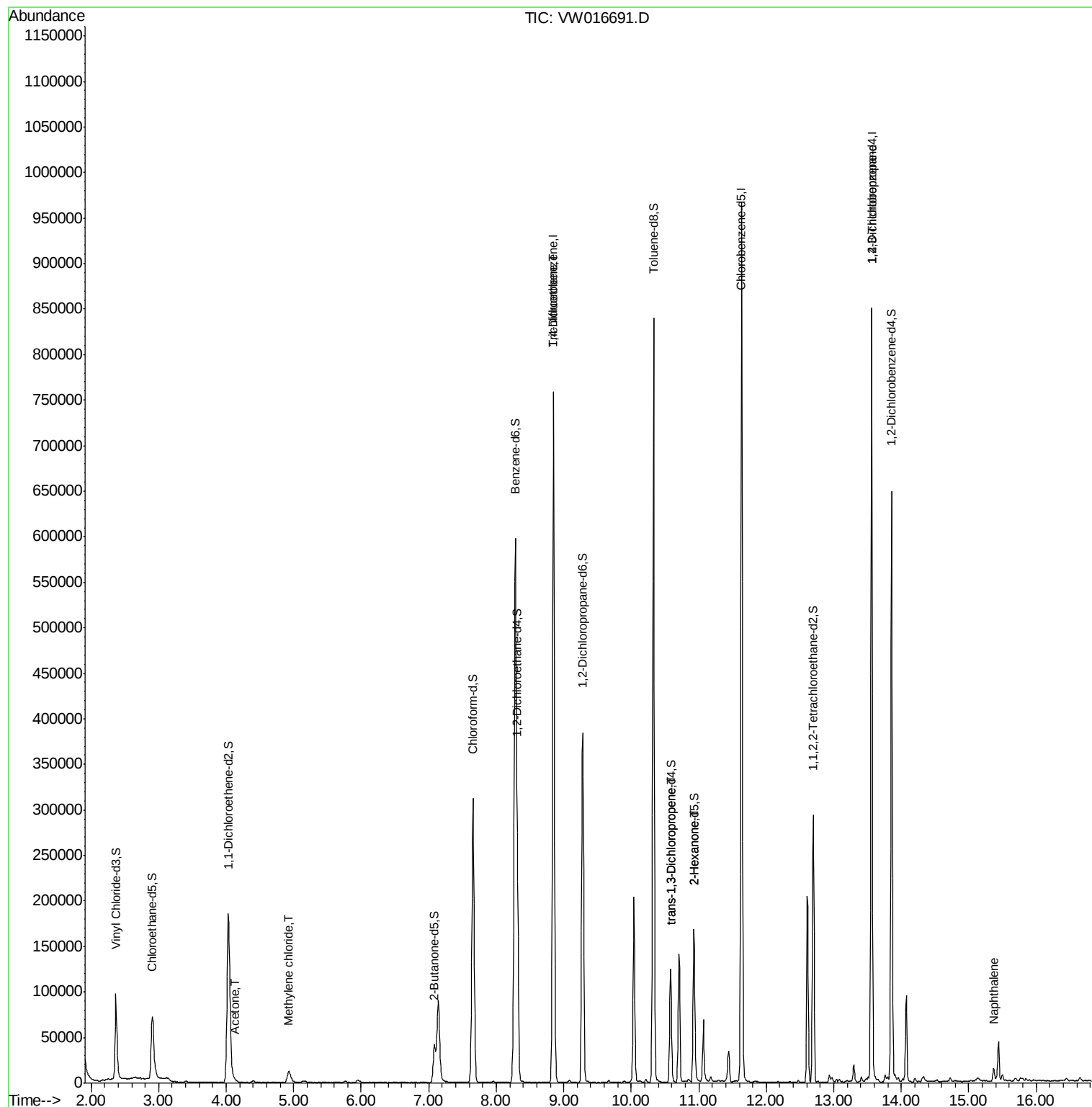
					Ovalue
13) Acetone	4.14	43	2069	1.494 ug/L	72
16) Methylene chloride	4.93	84	10839	1.049 ug/L	89
35) Trichloroethene	8.85	95	19720	2.272 ug/L #	2
45) trans-1,3-Dichloropropene	10.58	75	3333	0.321 ug/L #	81
49) 2-Hexanone	10.93	43	8105	2.881 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	23453	4.791 ug/L	90
69) Naphthalene	15.36	128	12803	0.813 ug/L	99

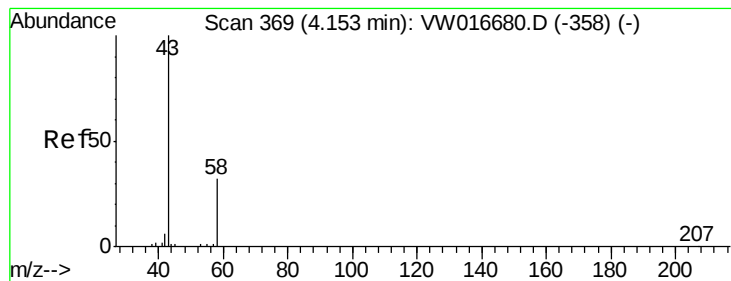
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.494 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016691.D

Acq: 29 Sep 2020 17:03

Instrument :

MSVOA_W

ClientSampled :

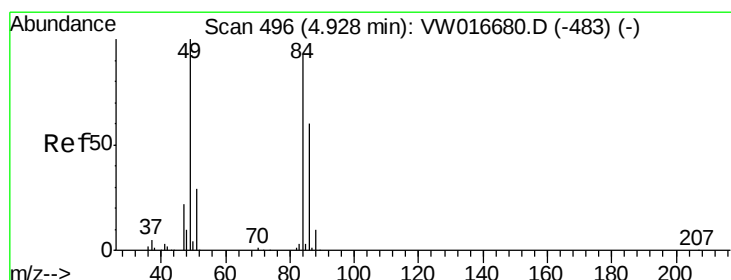
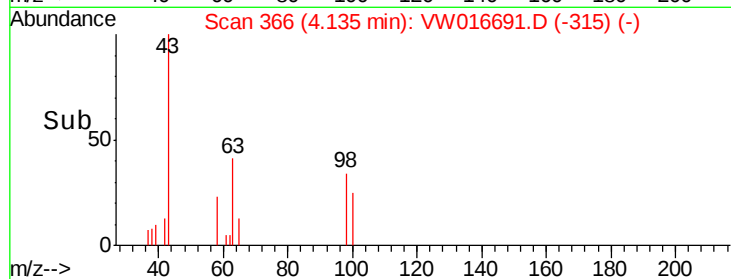
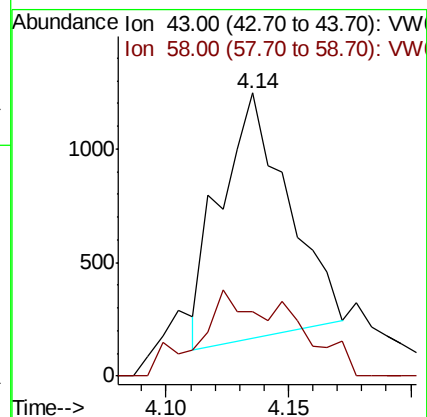
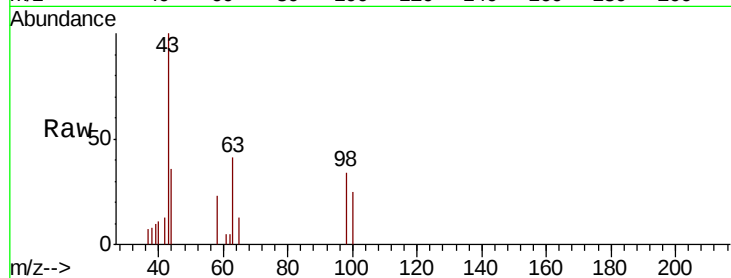
C0AP2

Tot Ion: 43 Resp: 2069

Ion Ratio Lower Upper

43 100

58 14.8 0.0 60.2



#16

Methylene chloride

Concen: 1.049 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016691.D

Acq: 29 Sep 2020 17:03

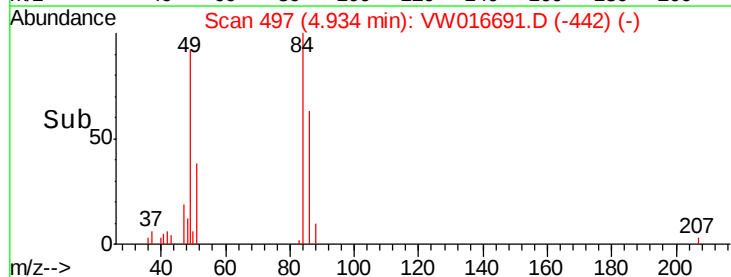
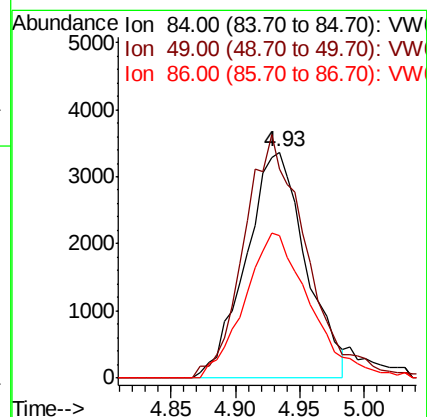
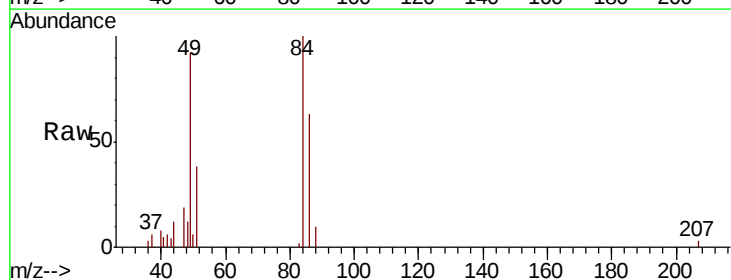
Tgt Ion: 84 Resp: 10839

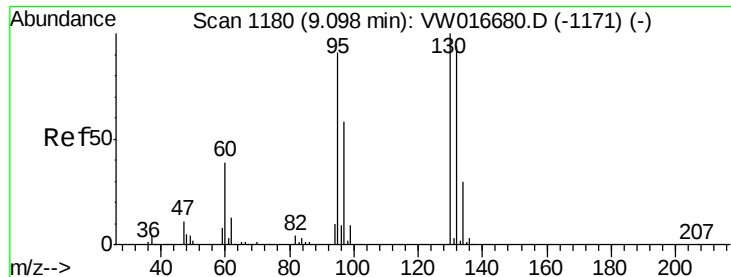
Ion Ratio Lower Upper

84 100

49 92.2 76.0 141.2

86 62.8 45.6 84.6





#35

Trichloroethene

Concen: 2.272 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016691.D

Acq: 29 Sep 2020 17:03

Instrument :

MSVOA_W

ClientSampleId :

C0AP2

Tot Ion: 95 Resp: 19720

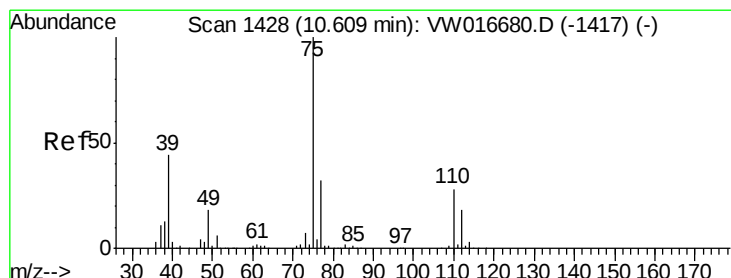
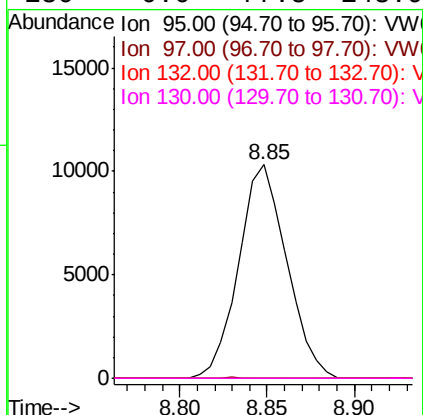
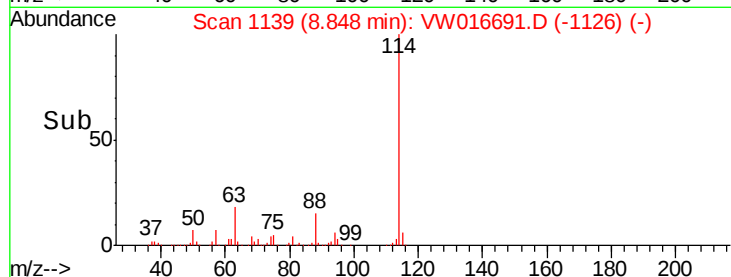
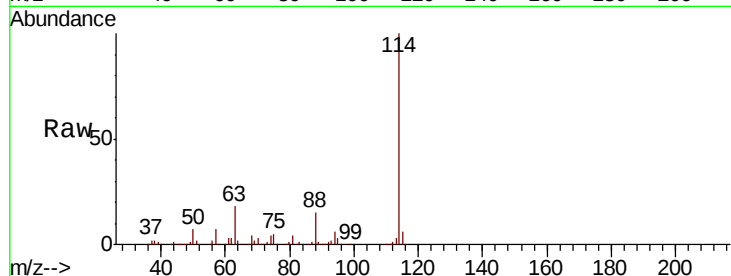
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#



#45

trans-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016691.D

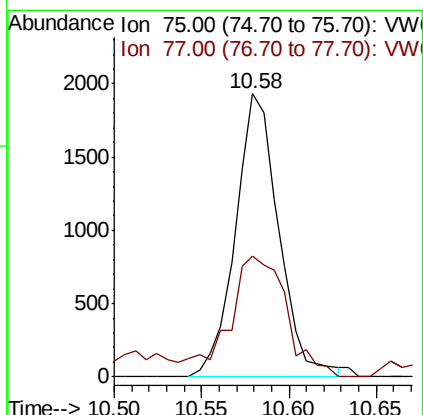
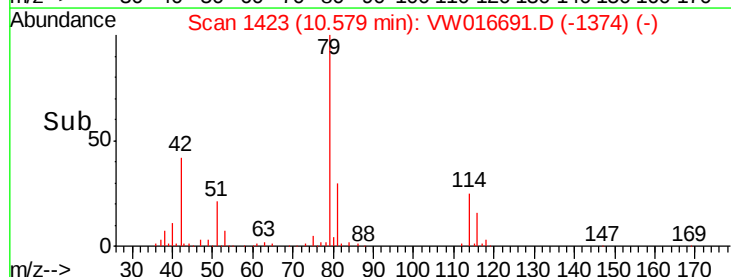
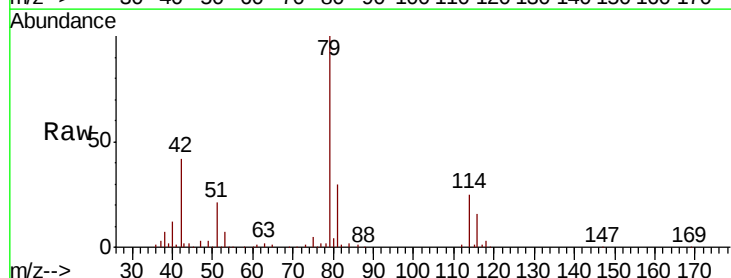
Acq: 29 Sep 2020 17:03

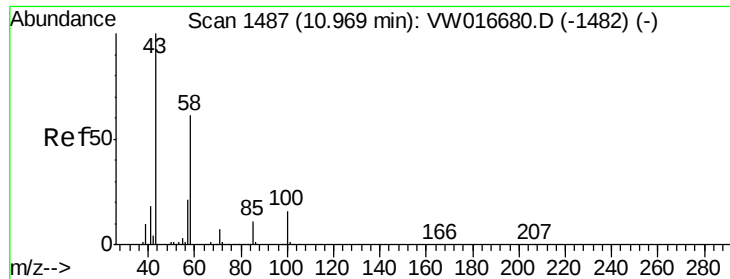
Tgt Ion: 75 Resp: 3333

Ion Ratio Lower Upper

75 100

77 42.5 22.5 41.9#





#49

2-Hexanone

Concen: 2.881 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016691.D

Acq: 29 Sep 2020 17:03

Instrument :

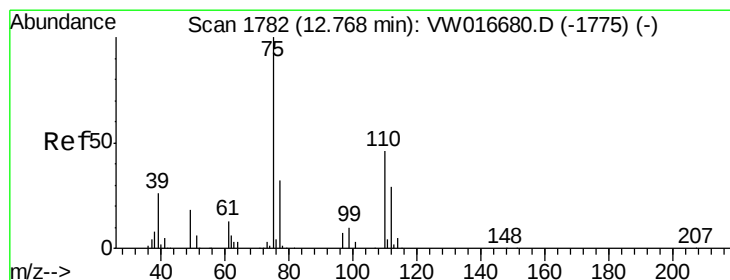
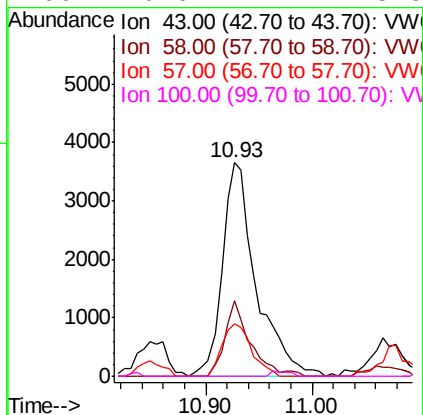
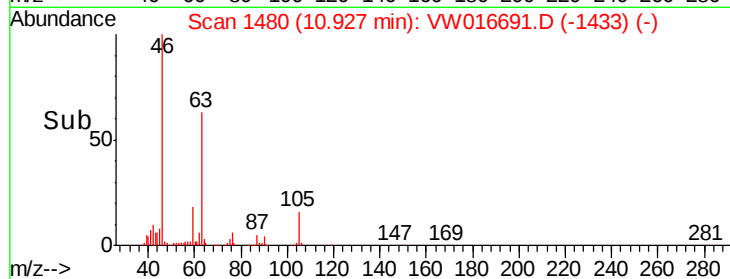
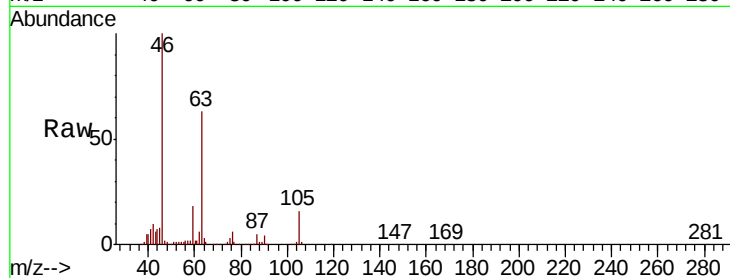
MSVOA_W

ClientSampled :

C0AP2

Tot Ion: 43 Resp: 8105

Ion	Ratio	Lower	Upper
43	100		
58	25.6	44.2	66.2#
57	21.3	16.3	24.5
100	0.6	12.4	18.6#



#59

1,2,3-Trichloropropane

Concen: 4.791 ug/L

RT: 13.56 min Scan# 1912

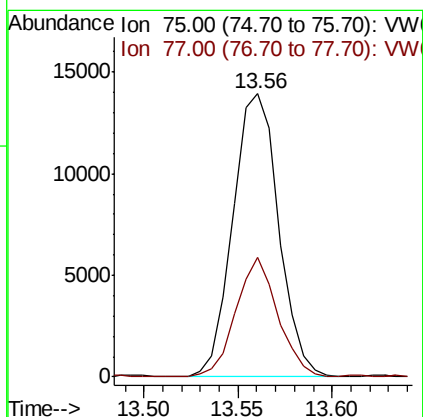
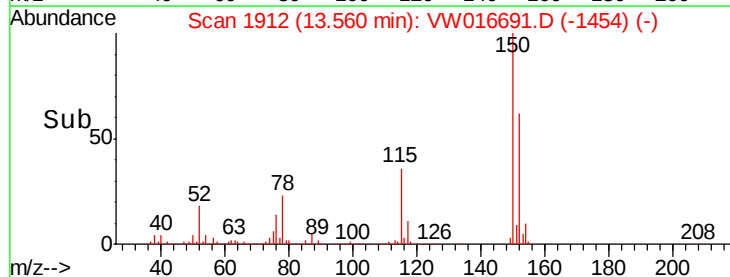
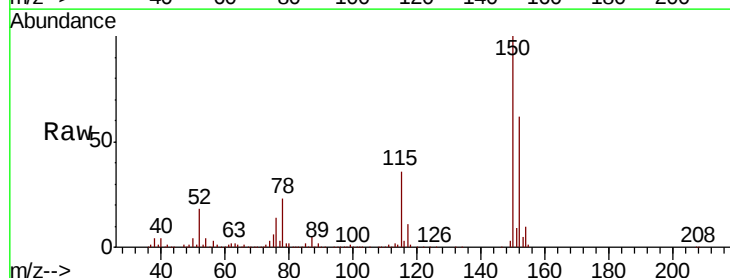
Delta R.T. 0.79 min

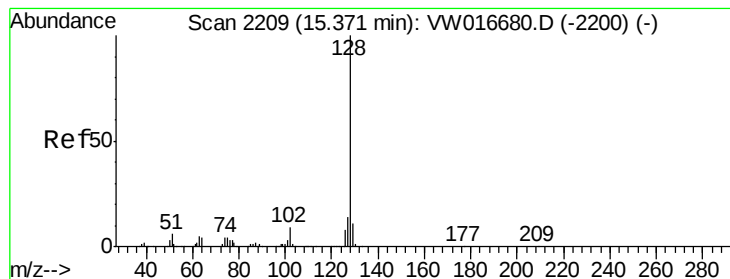
Lab File: VW016691.D

Acq: 29 Sep 2020 17:03

Tgt Ion: 75 Resp: 23453

Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.2	39.4





#69
Naphthalene
Concen: 0.813 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016691.D
Acq: 29 Sep 2020 17:03

Instrument :
MSVOA_W
ClientSampleId :
C0AP2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.5	10.8	16.2

