

Data File : VW014799.D
Acq On : 29 Jan 2020 17:10
Operator : SY/VA
Sample : L1303-06
Misc : 5.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF1

Quant Time: Jan 30 07:08:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1051962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	937413	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	396959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	400775	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
7) Chloroethane-d5	2.89	69	340865	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.02	63	573089	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.04%
20) 2-Butanone-d5	7.07	46	150443	31.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.60%
24) Chloroform-d	7.65	84	655529	22.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	8.30	65	334820	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.64%
29) Benzene-d6	8.27	84	1388630	23.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.16%
33) 1,2-Dichloropropane-d6	9.27	67	438368	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.32	98	1210945	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.16%
38) trans-1,3-Dichloropropene-	10.57	79	155450	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.92	63	118645	34.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	264672	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	375424	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

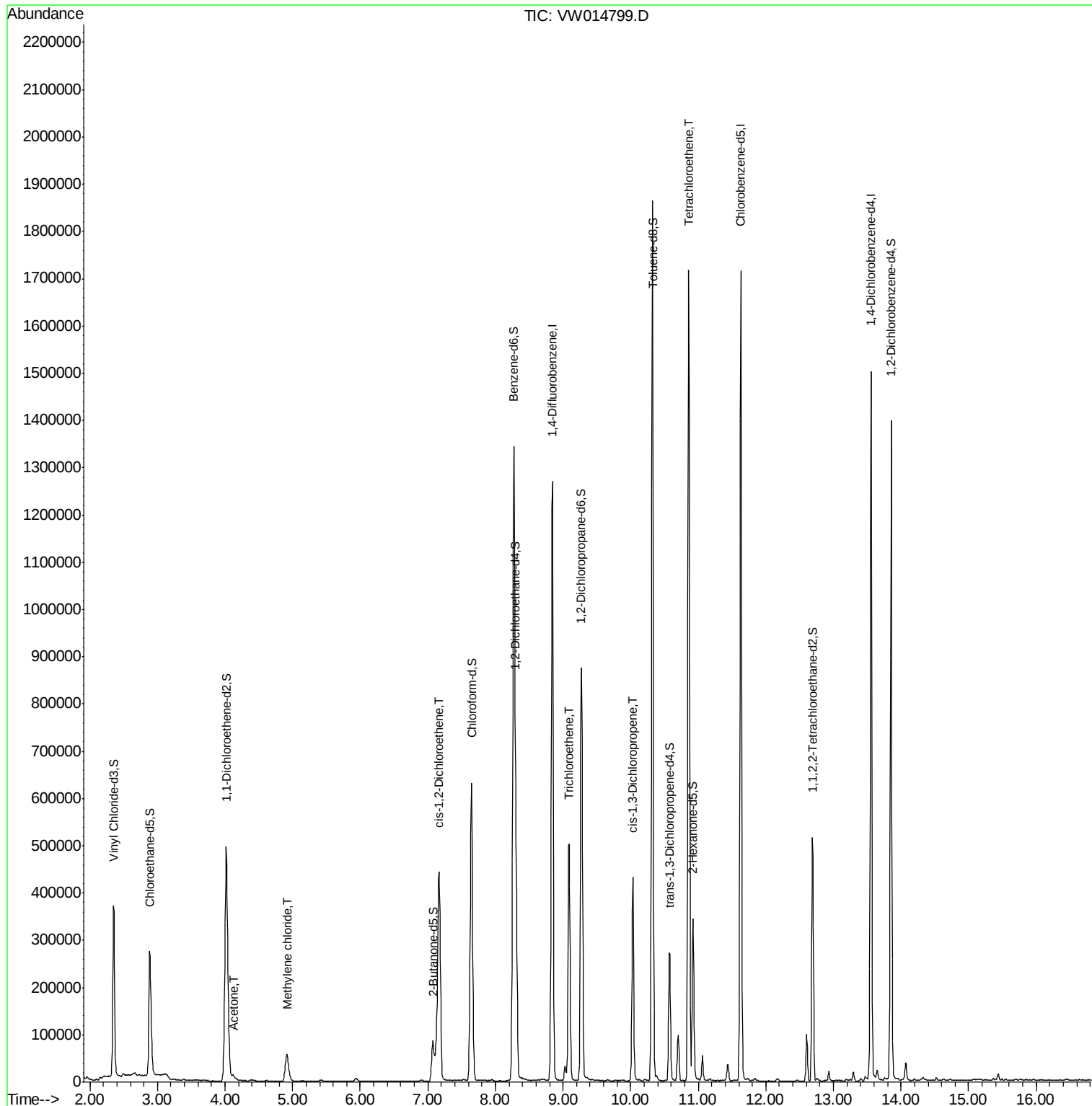
					Qvalue
13) Acetone	4.13	43	15518	3.062 ug/L	100
16) Methylene chloride	4.91	84	46772	2.631 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	258187	16.621 ug/L	99
35) Trichloroethene	9.09	95	179071	11.741 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	9945	0.447 ug/L #	70
47) Tetrachloroethene	10.86	164	394573	32.379 ug/L	98

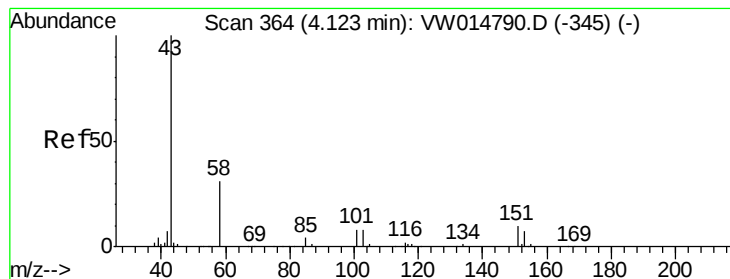
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.062 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 29 Jan 2020 17:10

Instrument :

MSVOA_W

ClientSampled :

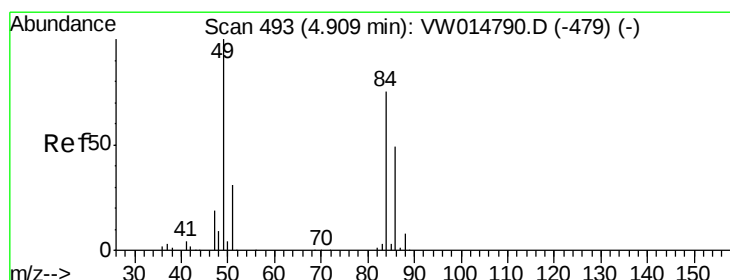
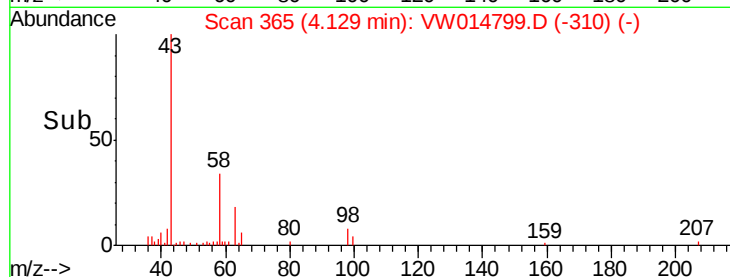
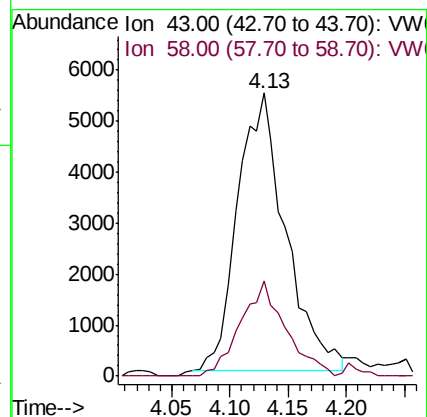
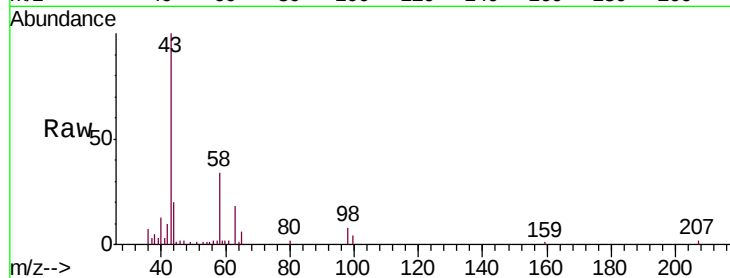
C0AF1

Tgt Ion: 43 Resp: 15518

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.6



#16

Methylene chloride

Concen: 2.631 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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Acq: 29 Jan 2020 17:10

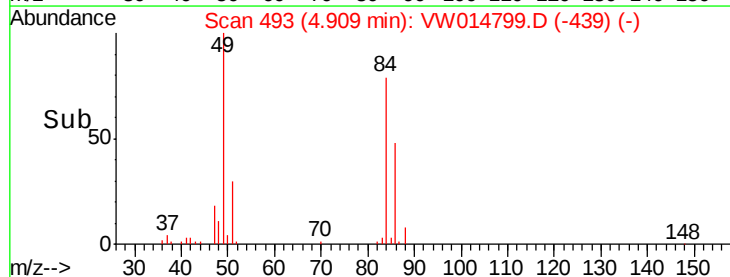
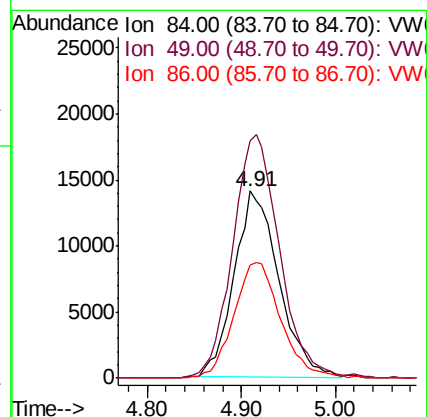
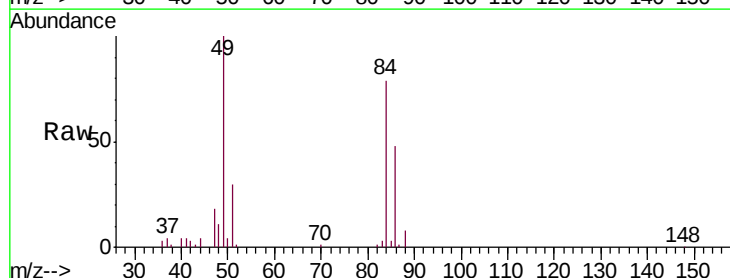
Tgt Ion: 84 Resp: 46772

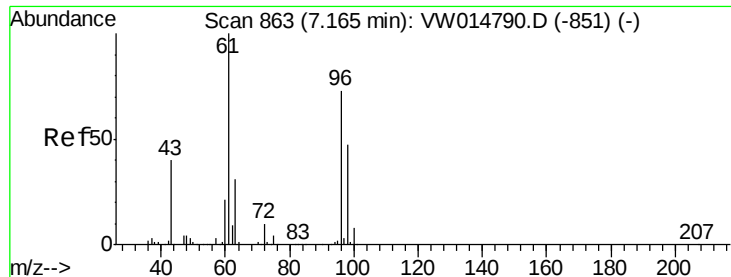
Ion Ratio Lower Upper

84 100

49 126.8 90.9 168.7

86 60.5 43.5 80.7



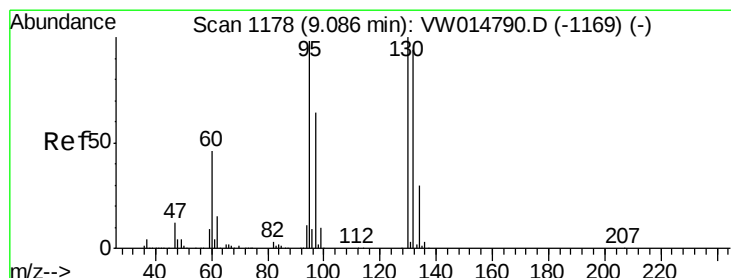
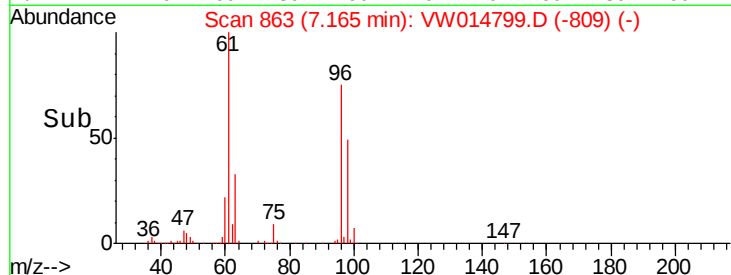
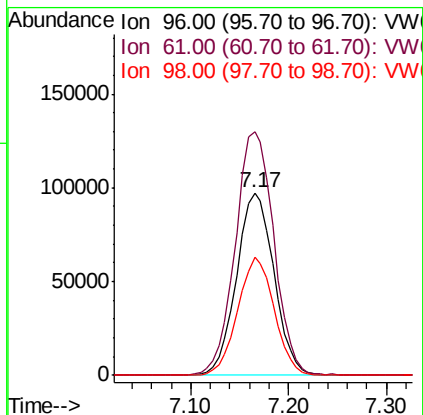
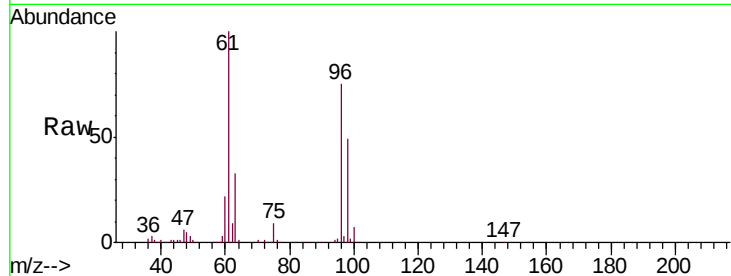


#22

cis-1,2-Dichloroethene
 Concen: 16.621 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
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 C0AF1

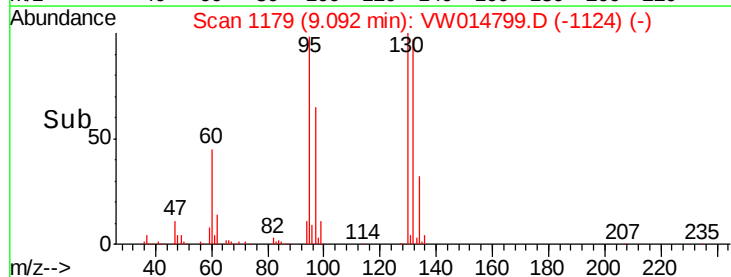
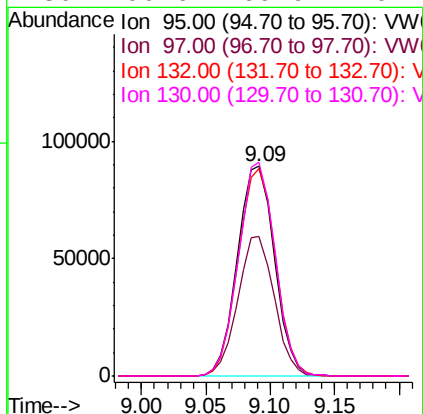
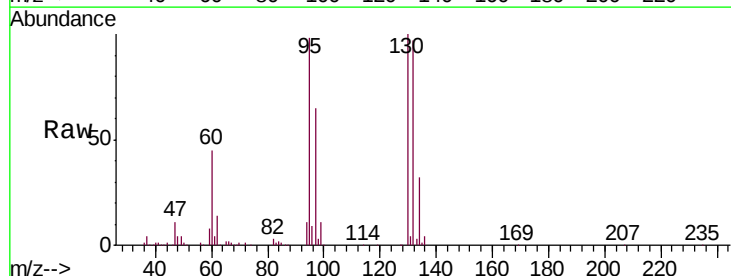
Tgt Ion: 96 Resp: 258187
 Ion Ratio Lower Upper
 96 100
 61 133.6 94.1 174.7
 98 64.8 44.9 83.3

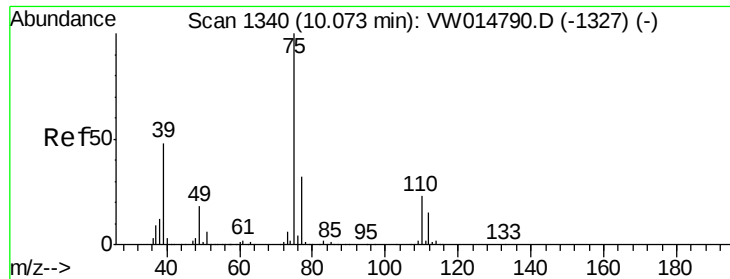


#35

Trichloroethene
 Concen: 11.741 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW014799.D
 Acq: 29 Jan 2020 17:10

Tgt Ion: 95 Resp: 179071
 Ion Ratio Lower Upper
 95 100
 97 65.3 44.3 82.3
 132 99.0 67.1 124.7
 130 100.6 69.9 129.7





#42

cis-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014799.D

Acq: 29 Jan 2020 17:10

Instrument :

MSVOA_W

ClientSampleId :

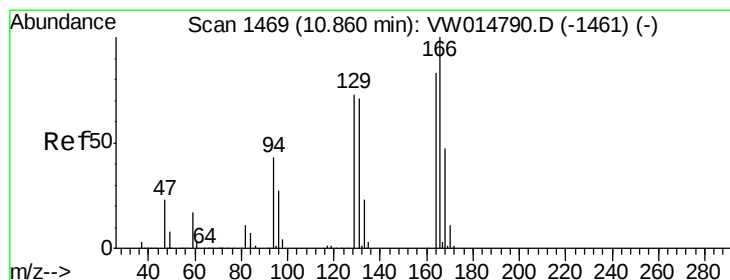
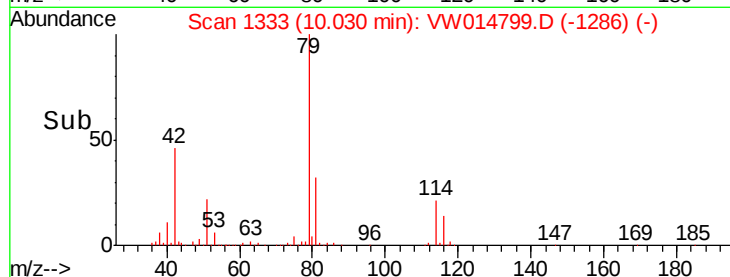
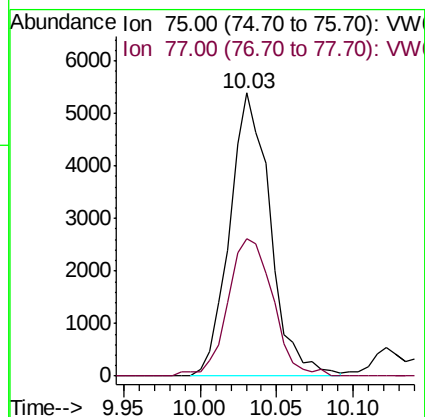
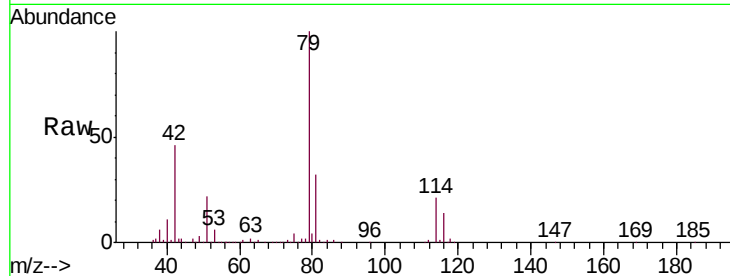
C0AF1

Tgt Ion: 75 Resp: 9945

Ion Ratio Lower Upper

75 100

77 48.7 22.3 41.3#



#47

Tetrachloroethene

Concen: 32.379 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014799.D

Acq: 29 Jan 2020 17:10

Tgt Ion: 164 Resp: 394573

Ion Ratio Lower Upper

164 100

129 94.9 64.4 119.6

131 91.8 61.2 113.6

166 126.6 88.8 165.0

