

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016715.D
 Acq On : 30 Sep 2020 16:27
 Operator : SY/VA
 Sample : L4144-13
 Misc : 4.45G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM8

Quant Time: Oct 01 05:07:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	665441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	505814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	117167	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.76%
7) Chloroethane-d5	2.91	69	111422	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.03	63	208897	14.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.04%
20) 2-Butanone-d5	7.09	46	69975	39.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.70%
24) Chloroform-d	7.65	84	341450	24.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	8.31	65	173197	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	8.28	84	639136	28.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.68%
33) 1,2-Dichloropropane-d6	9.28	67	178629	29.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.24%
37) Toluene-d8	10.33	98	581943	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.32%
38) trans-1,3-Dichloropropene-	10.58	79	73555	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	10.93	63	53381	47.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120523	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	119070	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

Target Compounds

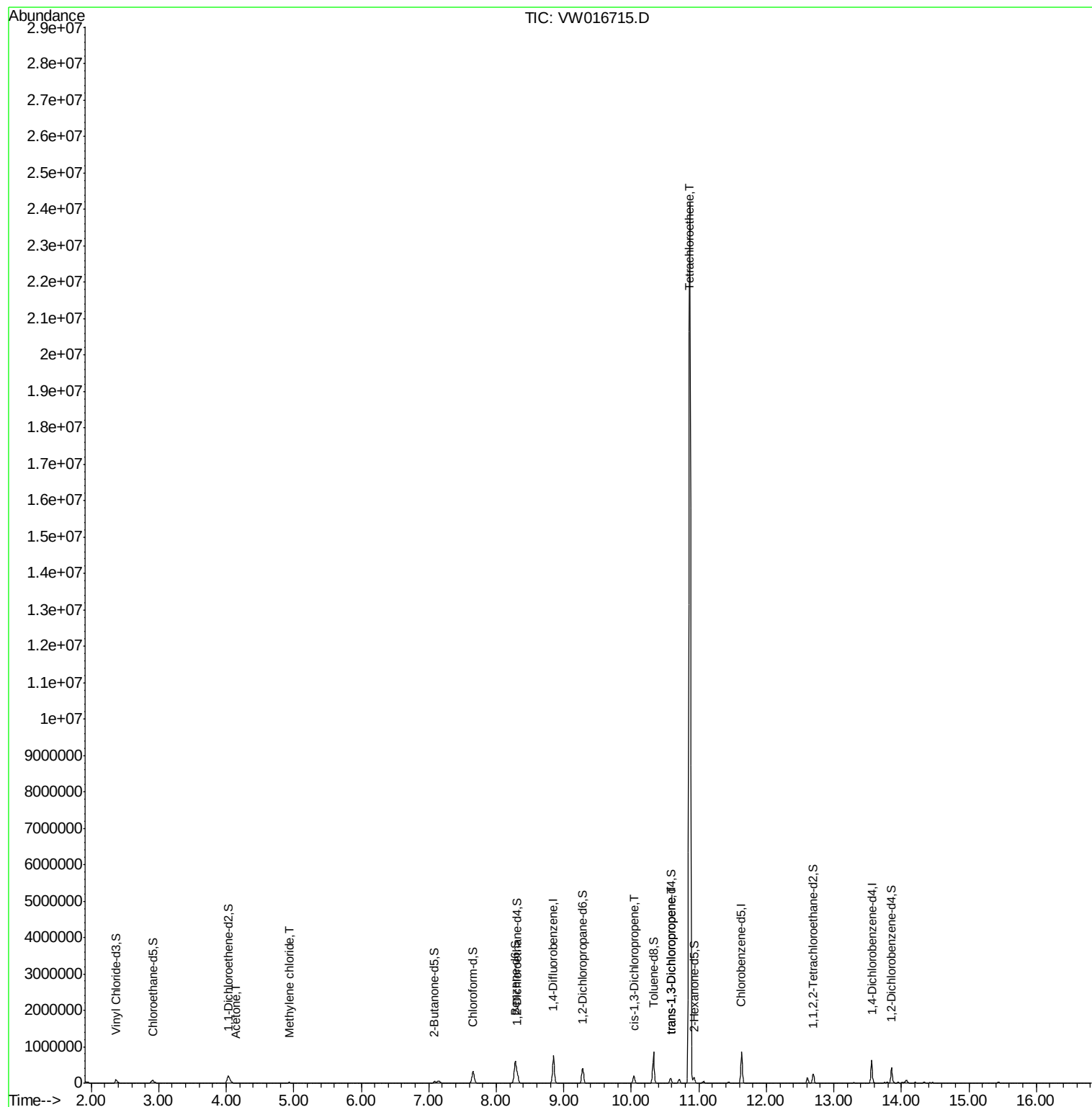
					Ovalue
13) Acetone	4.15	43	3484	2.533 ug/L	78
16) Methylene chloride	4.93	84	13426	1.308 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	6077	0.564 ug/L #	72
45) trans-1,3-Dichloropropene	10.58	75	3738	0.399 ug/L	92
47) Tetrachloroethene	10.87	164	5796097	818.333 ug/L	95

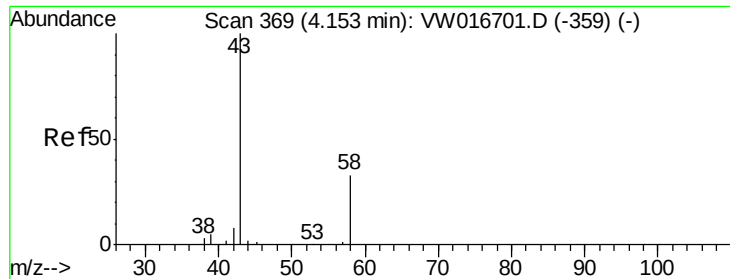
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.533 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016715.D

Acq: 30 Sep 2020 16:27

Instrument :

MSVOA_W

ClientSampled :

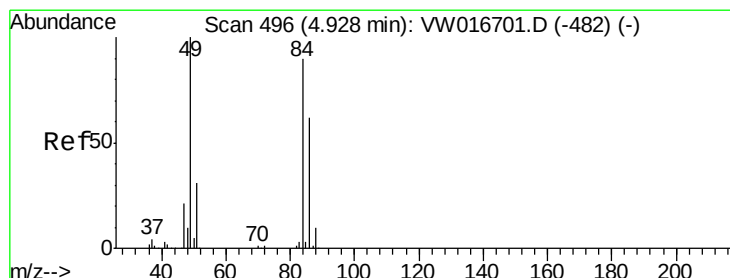
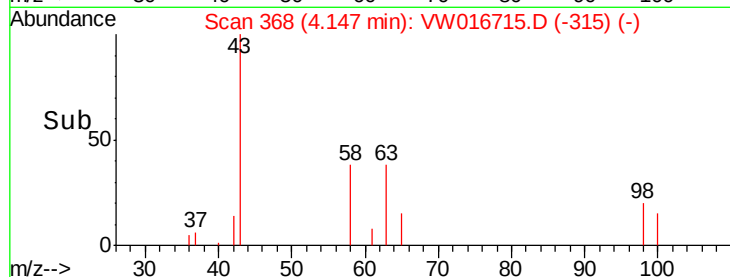
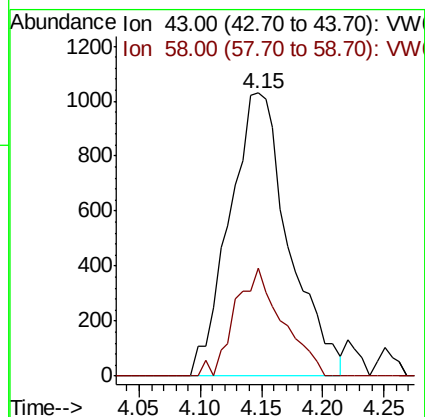
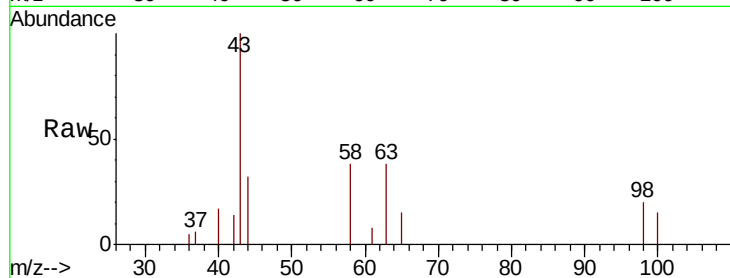
C0AM8

Tot Ion: 43 Resp: 3484

Ion Ratio Lower Upper

43 100

58 18.2 0.0 60.2



#16

Methylene chloride

Concen: 1.308 ug/L

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW016715.D

Acq: 30 Sep 2020 16:27

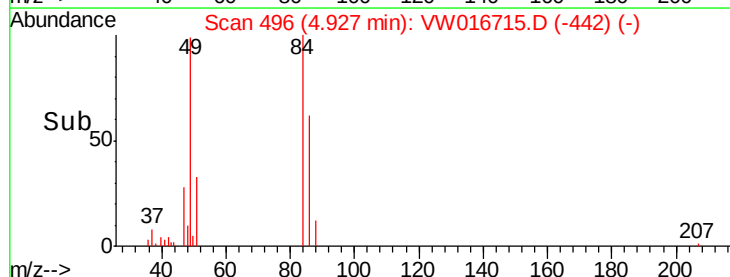
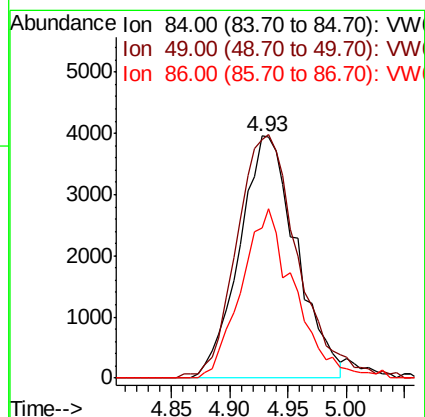
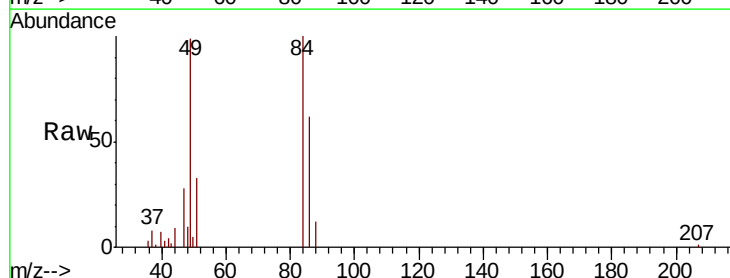
Tgt Ion: 84 Resp: 13426

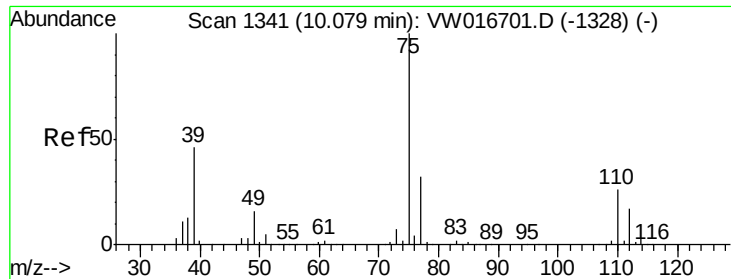
Ion Ratio Lower Upper

84 100

49 98.8 76.0 141.2

86 61.8 45.6 84.6

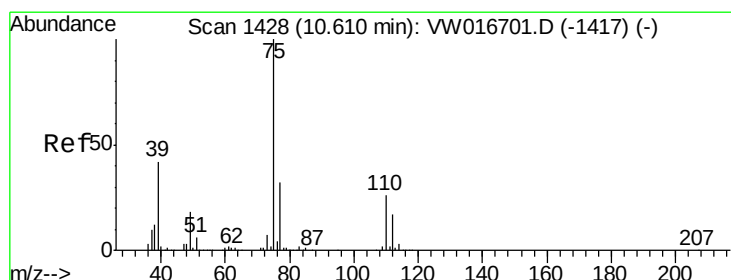
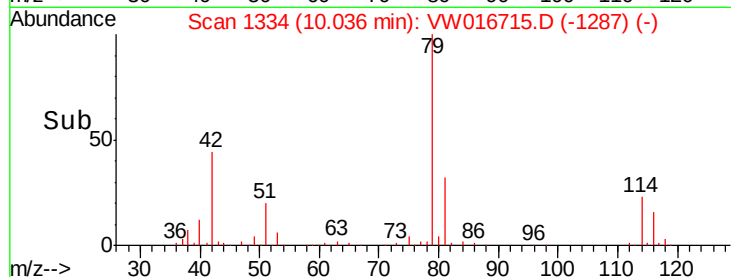
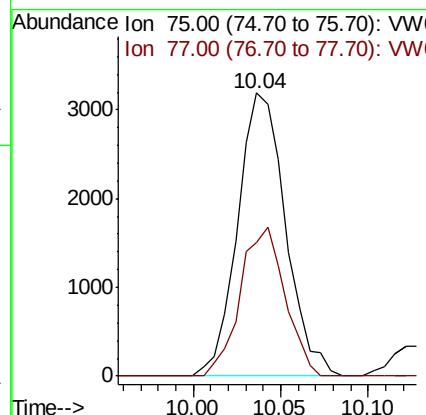
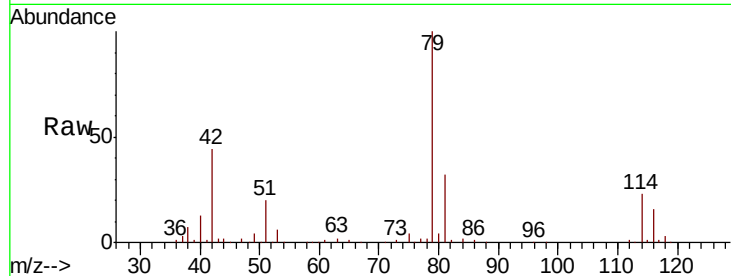




#42
 cis-1,3-Dichloropropene
 Concen: 0.564 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016715.D
 Acq: 30 Sep 2020 16:27

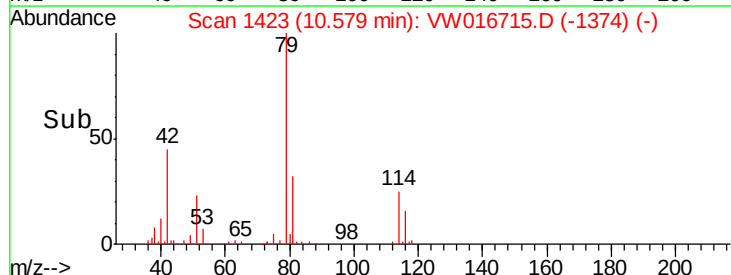
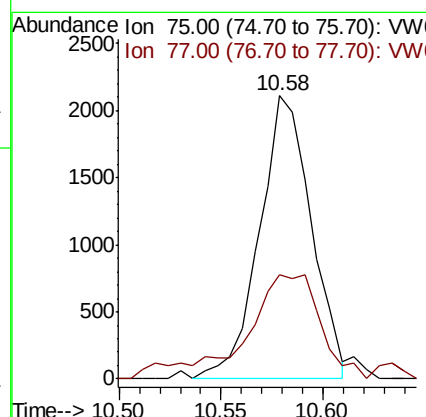
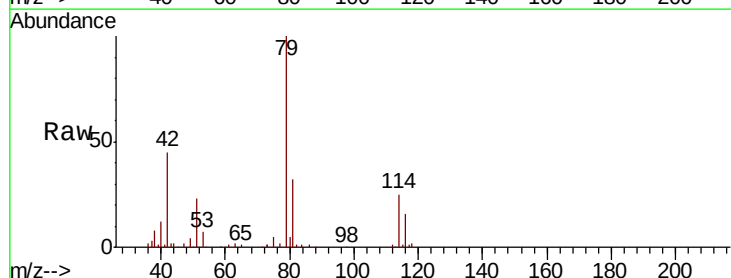
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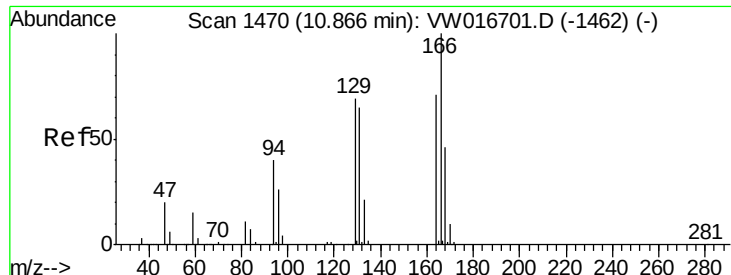
Tot Ion: 75 Resp: 6077
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.2 41.2#



#45
 trans-1,3-Dichloropropene
 Concen: 0.399 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW016715.D
 Acq: 30 Sep 2020 16:27

Tgt Ion: 75 Resp: 3738
 Ion Ratio Lower Upper
 75 100
 77 36.6 22.5 41.9





#47
Tetrachloroethene
Concen: 818.333 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016715.D
Acq: 30 Sep 2020 16:27

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

Tot Ion:164 Resp: 5796097
Ion Ratio Lower Upper
164 100
129 90.8 55.6 103.2
131 85.2 57.2 106.2
166 121.6 86.5 160.6

