

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016718.D
 Acq On : 30 Sep 2020 17:38
 Operator : SY/VA
 Sample : L4201-04
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM4

Quant Time: Oct 01 05:07:49 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	650320	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	554988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268306	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	112167	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.90	69	105692	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.03	63	199939	14.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.84%
20) 2-Butanone-d5	7.09	46	56981	33.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.40%
24) Chloroform-d	7.66	84	314221	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	149736	21.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.76%
29) Benzene-d6	8.28	84	598950	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
33) 1,2-Dichloropropane-d6	9.28	67	164628	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	10.33	98	573093	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.59	79	63613	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.93	63	42052	34.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116233	20.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	209521	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

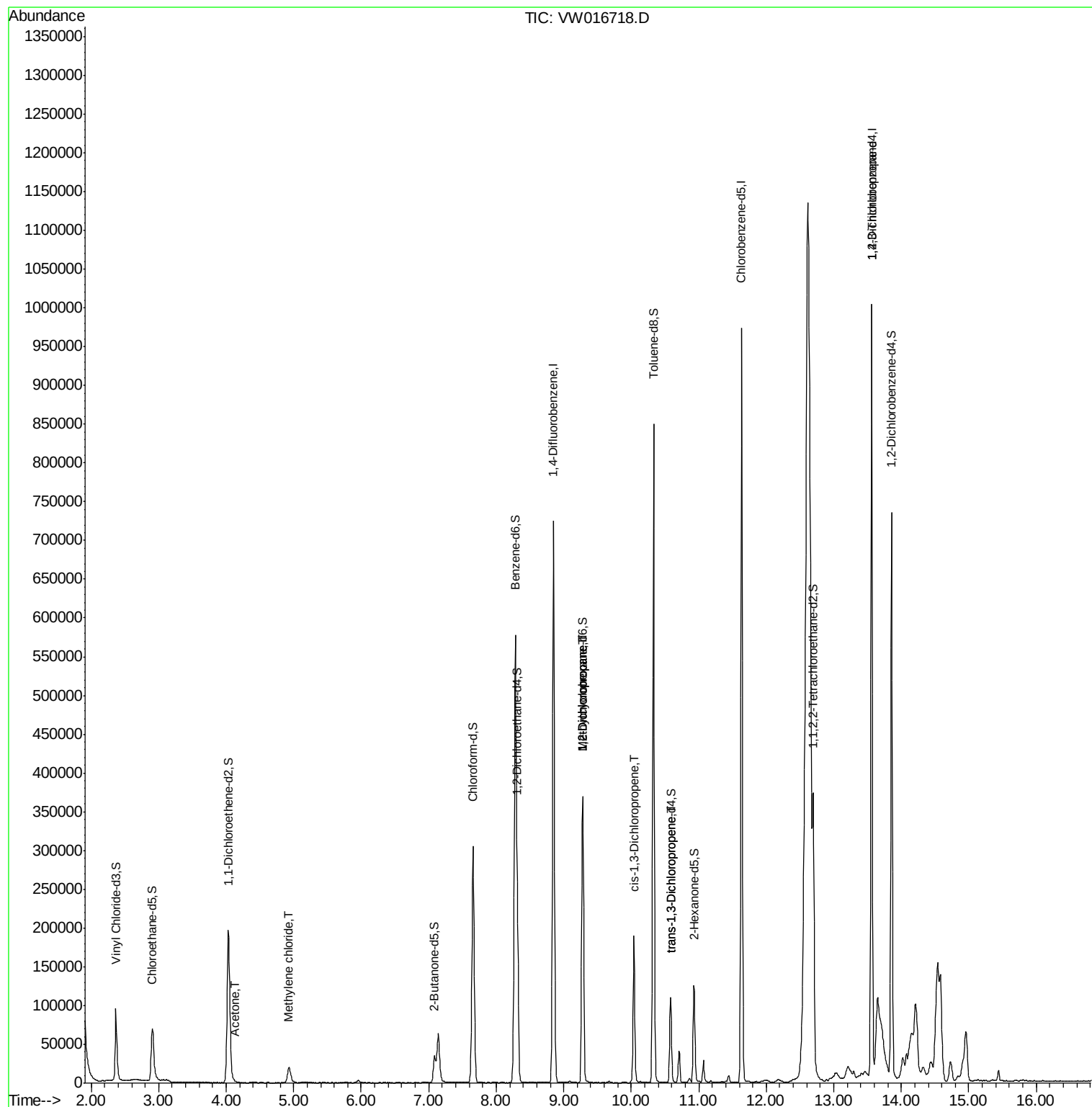
					Ovalue
13) Acetone	4.13	43	2895	2.153 ug/L	58
16) Methylene chloride	4.93	84	18182	1.813 ug/L	91
36) Methylcyclohexane	9.28	83	44076	3.019 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	19832	2.867 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	5670	0.480 ug/L	87
45) trans-1,3-Dichloropropene	10.59	75	3016	0.293 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	27958	5.759 ug/L	92

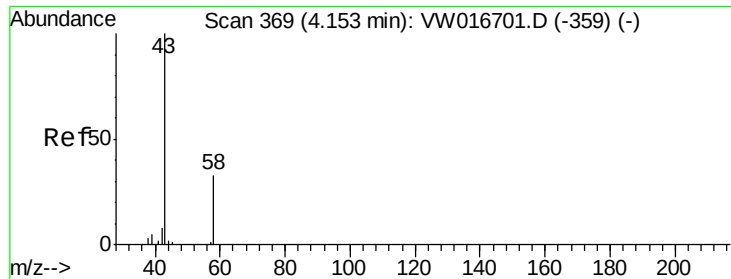
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.153 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016718.D

Acq: 30 Sep 2020 17:38

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MSVOA_W

ClientSampleId :

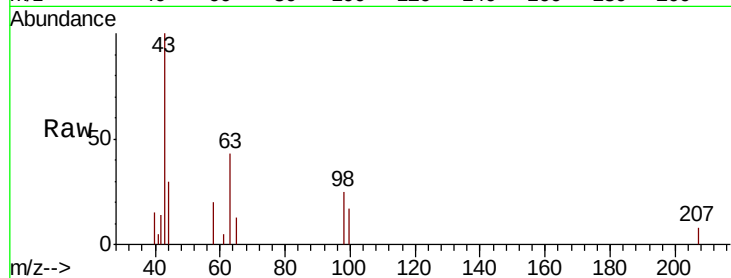
C0AM4

Tot Ion: 43 Resp: 2895

Ion Ratio Lower Upper

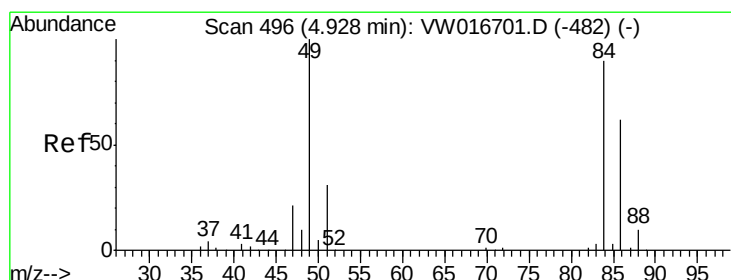
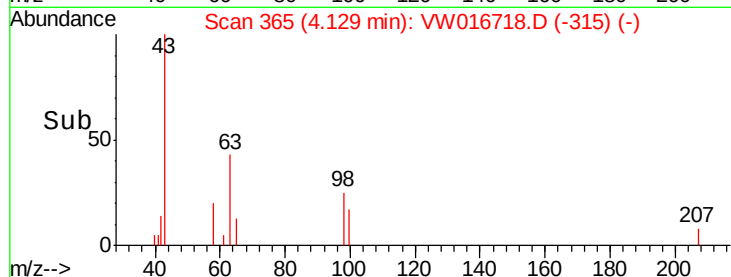
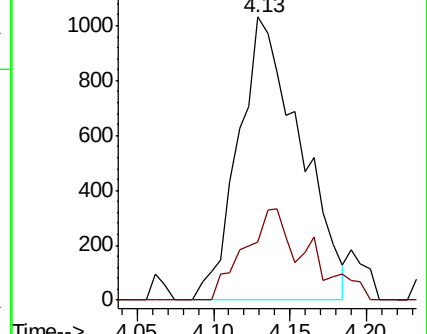
43 100

58 7.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.813 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016718.D

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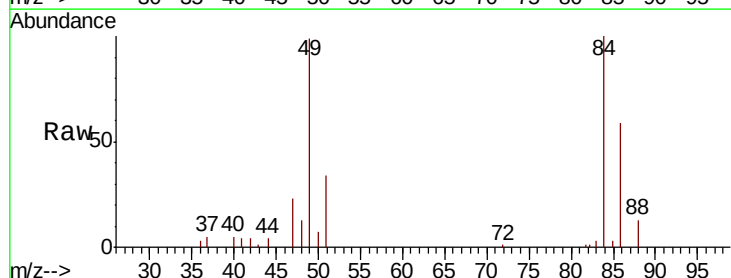
Tgt Ion: 84 Resp: 18182

Ion Ratio Lower Upper

84 100

49 98.7 76.0 141.2

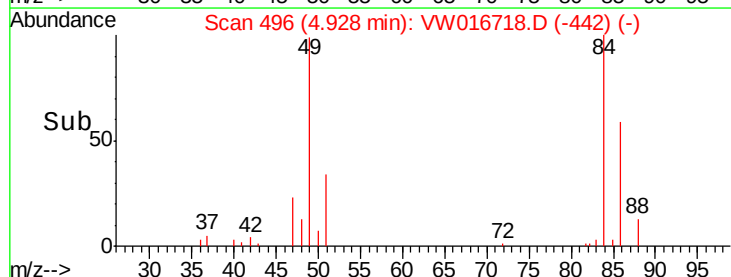
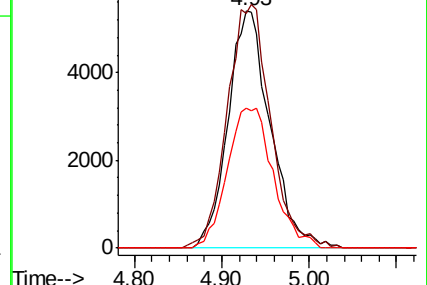
86 59.1 45.6 84.6

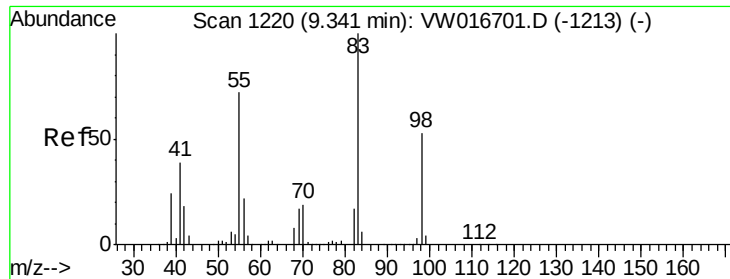


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

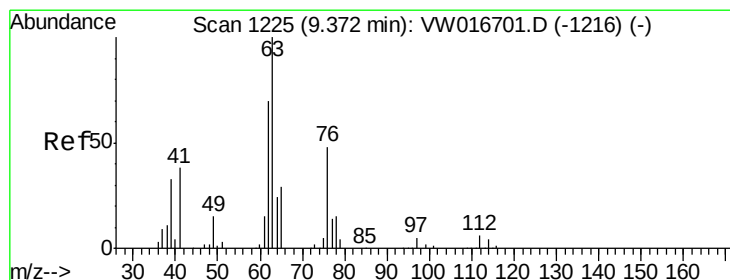
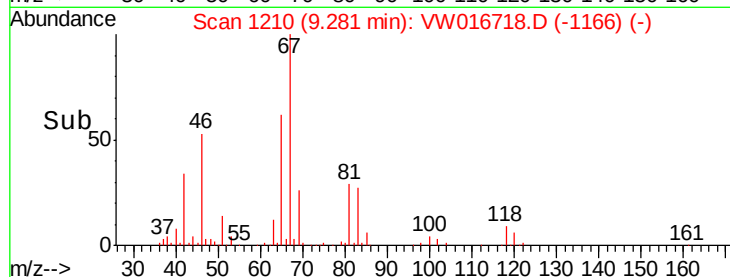
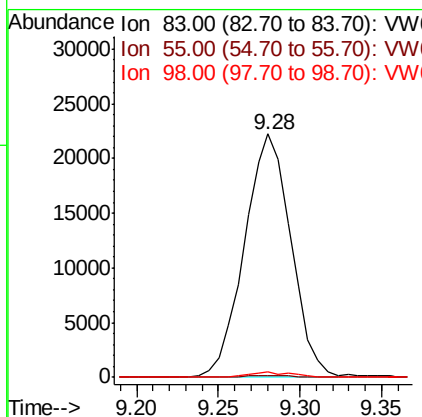
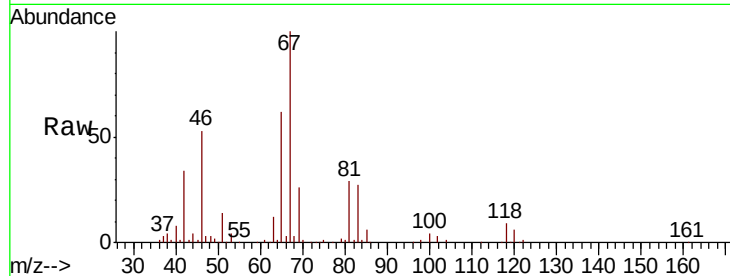




#36
Methvlcvclohexane
Concen: 3.019 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016718.D
Acq: 30 Sep 2020 17:38

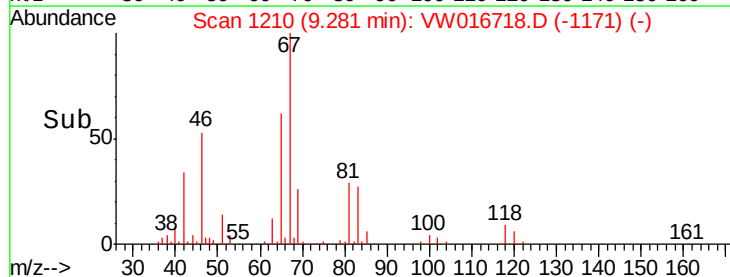
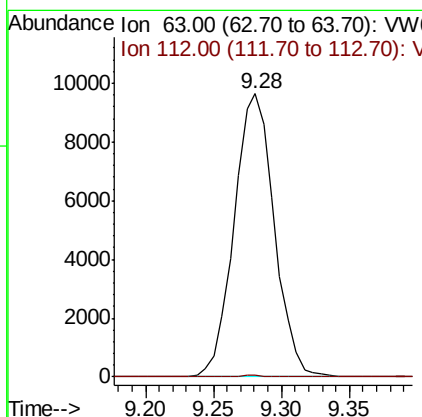
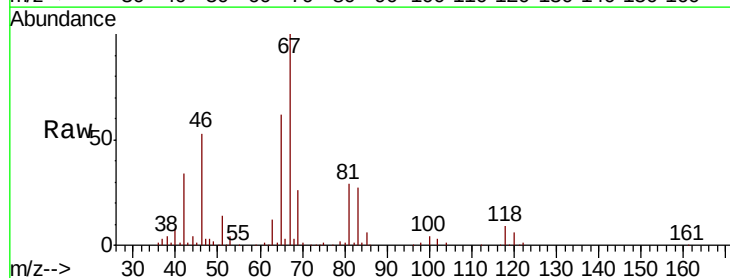
Instrument :
MSVOA_W
ClientSampleId :
C0AM4

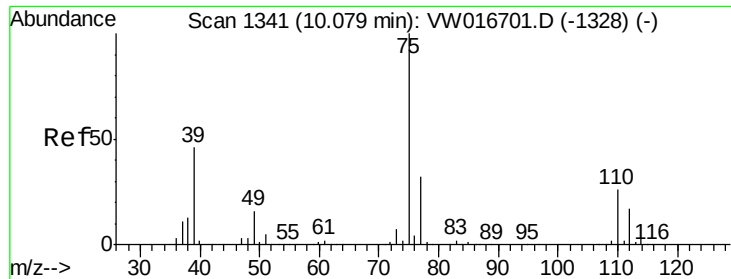
Tot Ion: 83 Resp: 44076
Ion Ratio Lower Upper
83 100
55 0.4 55.9 83.9#
98 2.0 42.1 63.1#



#40
1,2-Dichloropropane
Concen: 2.867 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016718.D
Acq: 30 Sep 2020 17:38

Tgt Ion: 63 Resp: 19832
Ion Ratio Lower Upper
63 100
112 0.2 4.5 6.7#

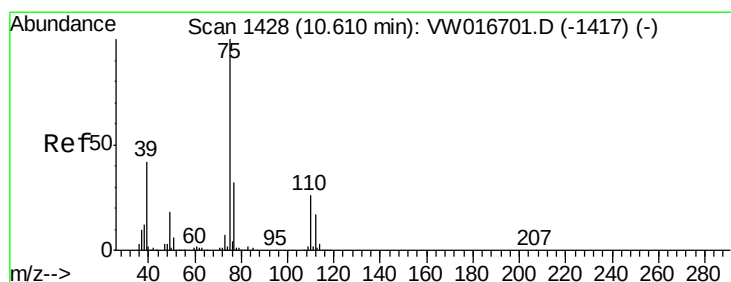
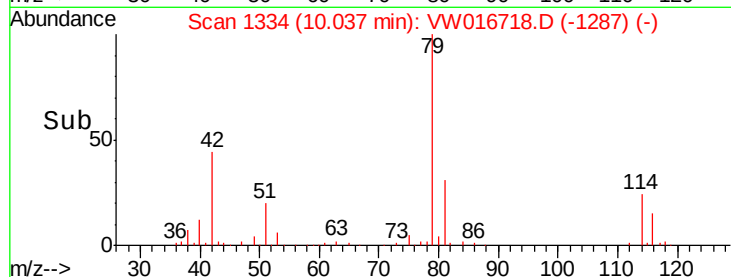
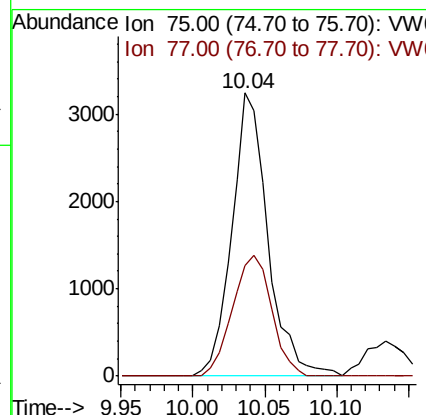
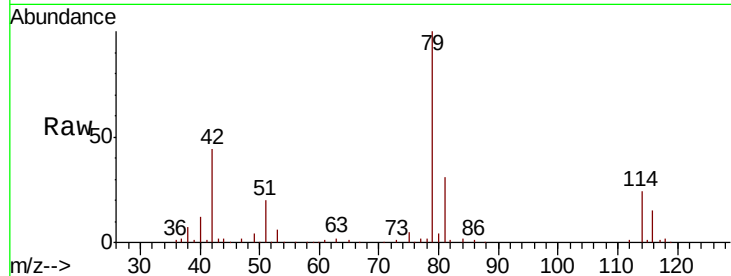




#42
 cis-1,3-Dichloropropene
 Concen: 0.480 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016718.D
 Acq: 30 Sep 2020 17:38

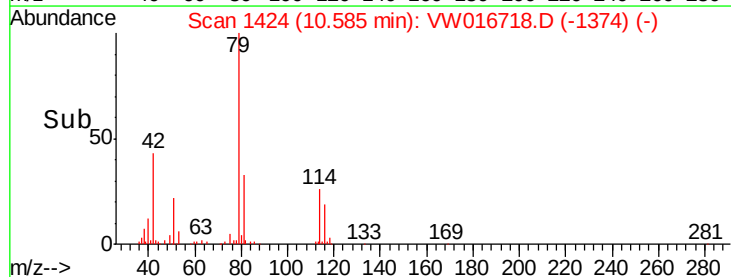
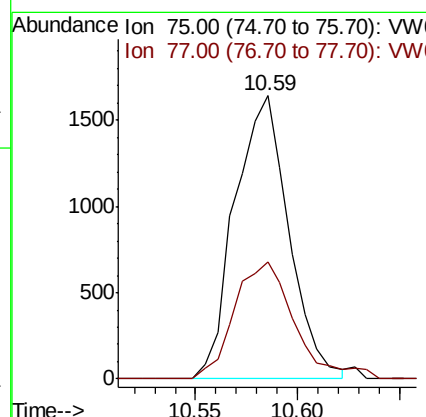
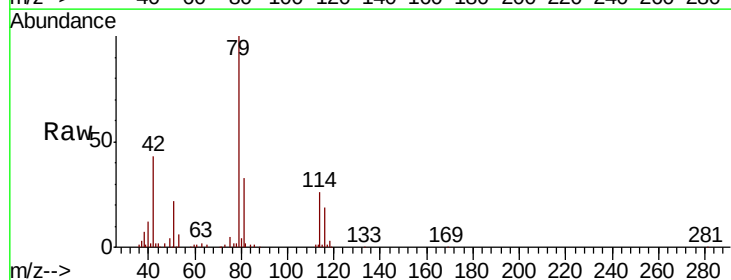
Instrument :
 MSVOA_W
 ClientSampled :
 C0AM4

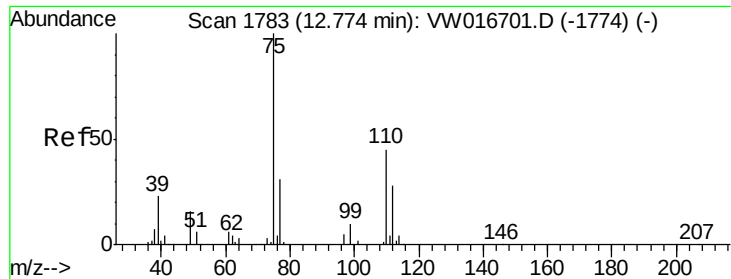
Tot Ion: 75 Resp: 5670
 Ion Ratio Lower Upper
 75 100
 77 39.0 22.2 41.2



#45
 trans-1,3-Dichloropropene
 Concen: 0.293 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW016718.D
 Acq: 30 Sep 2020 17:38

Tgt Ion: 75 Resp: 3016
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.759 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016718.D

Acq: 30 Sep 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

C0AM4

Tot Ion: 75 Resp: 27958

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.4

