

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016769.D
 Acq On : 02 Oct 2020 17:43
 Operator : SY/VA
 Sample : L4235-02
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	605781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	536457	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	252416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	101989	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.56%
7) Chloroethane-d5	2.91	69	105596	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
10) 1,1-Dichloroethene-d2	4.03	63	176482	13.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.84%
20) 2-Butanone-d5	7.09	46	76497	47.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.70%
24) Chloroform-d	7.66	84	321399	25.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	8.31	65	160537	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.28	84	604743	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	9.28	67	177870	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.12%
37) Toluene-d8	10.33	98	557307	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.59	79	67660	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.36%
39) 2-Hexanone-d5	10.93	63	62209	52.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151194	27.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	215364	26.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.80%

Target Compounds

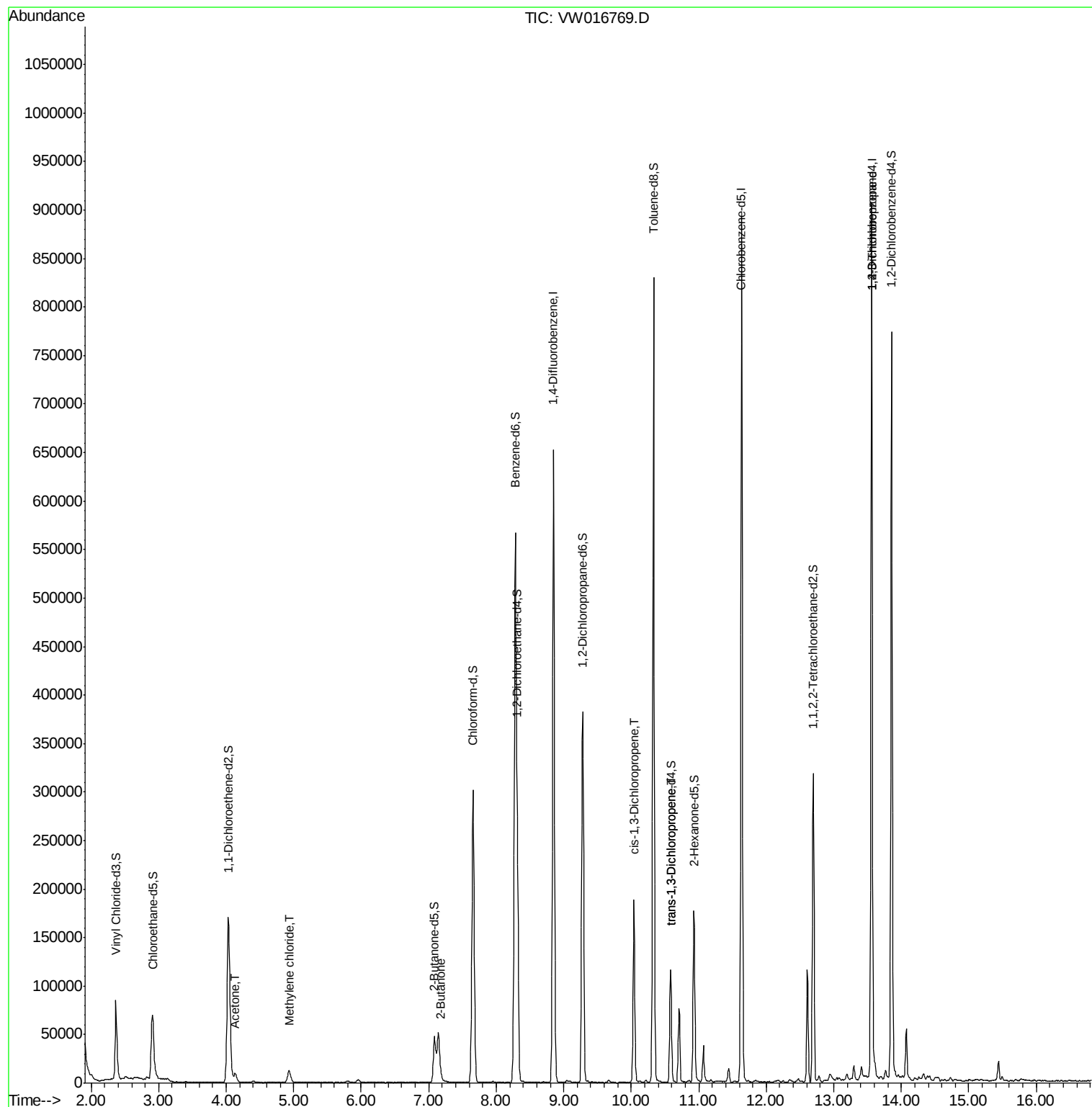
					Ovalue
13) Acetone	4.14	43	14761	11.787 ug/L	97
16) Methylene chloride	4.93	84	11001	1.177 ug/L	92
21) 2-Butanone	7.18	43	3205	1.504 ug/L #	62
42) cis-1,3-Dichloropropene	10.04	75	5051	0.442 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	3382	0.340 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	26316	5.608 ug/L	93

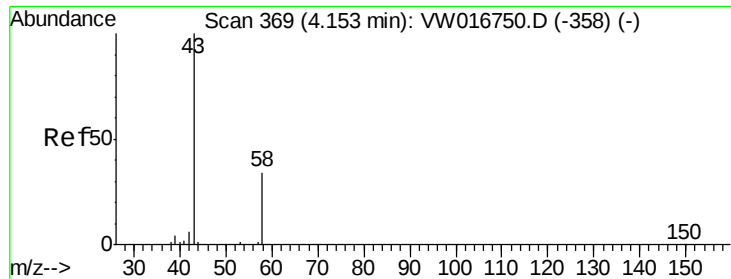
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.787 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016769.D

Acq: 02 Oct 2020 17:43

Instrument :

MSVOA_W

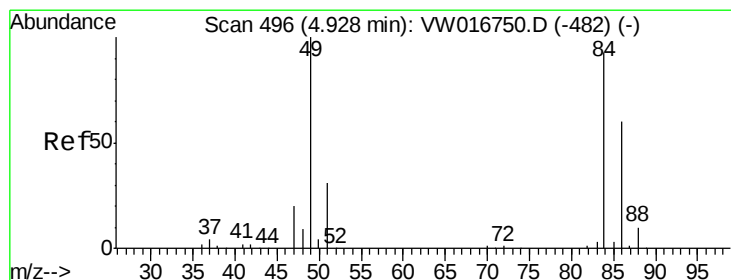
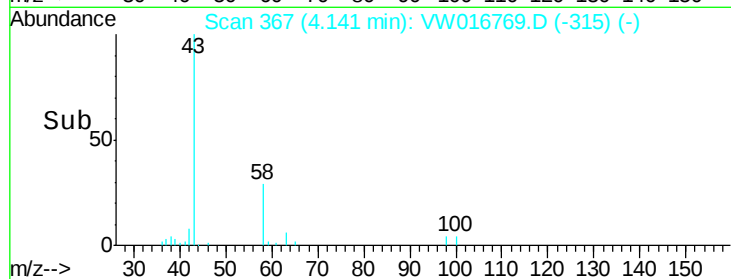
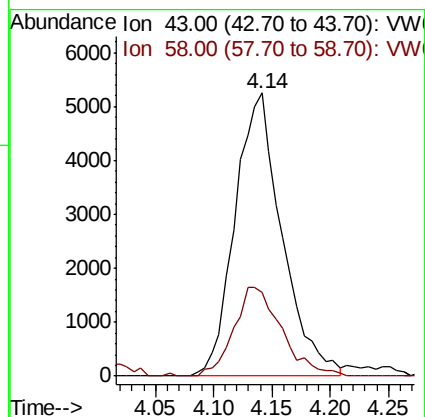
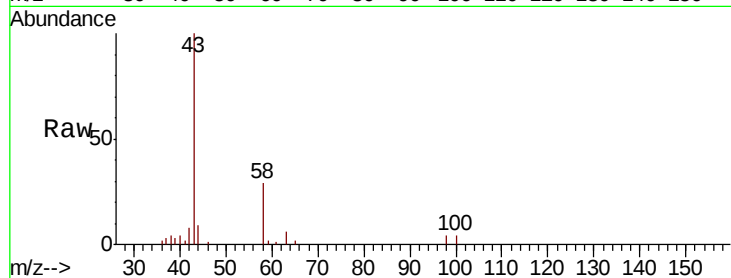
ClientSampleId :

Tot Ion: 43 Resp: 14761

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.2



#16

Methylene chloride

Concen: 1.177 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016769.D

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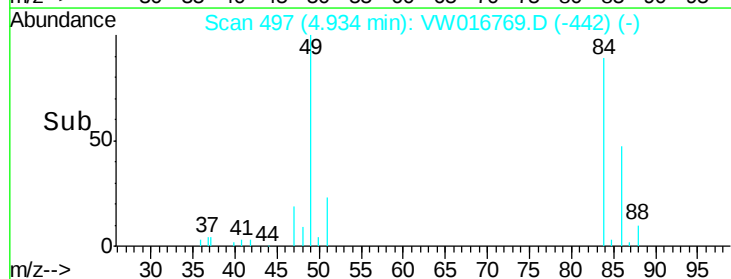
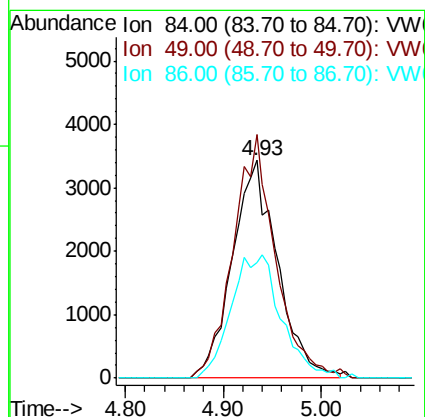
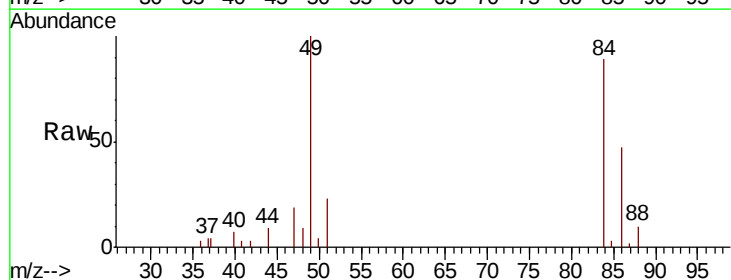
Tgt Ion: 84 Resp: 11001

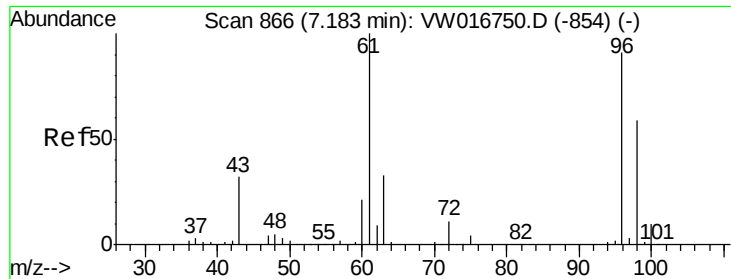
Ion Ratio Lower Upper

84 100

49 112.0 76.0 141.2

86 53.1 45.6 84.6

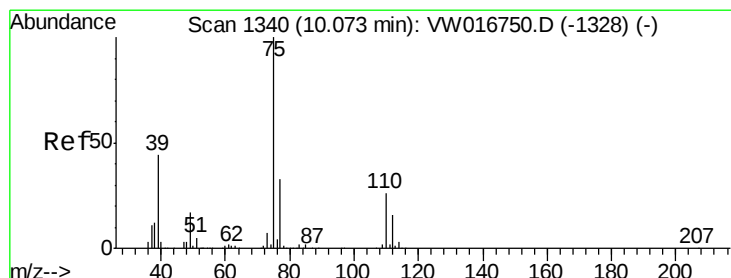
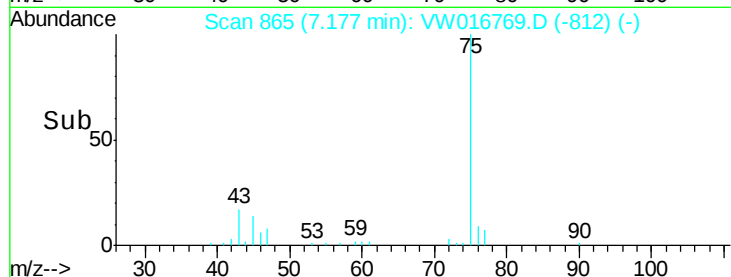
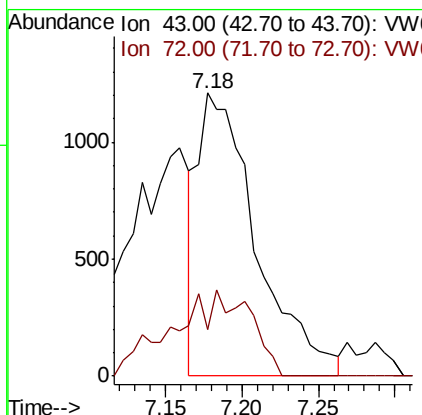
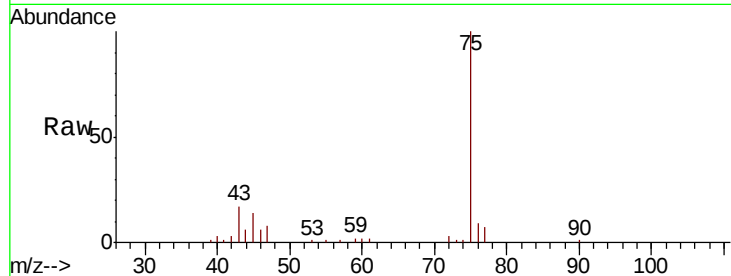




#21
2-Butanone
Concen: 1.504 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW016769.D
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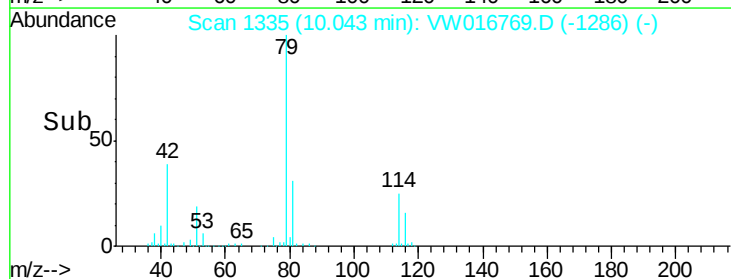
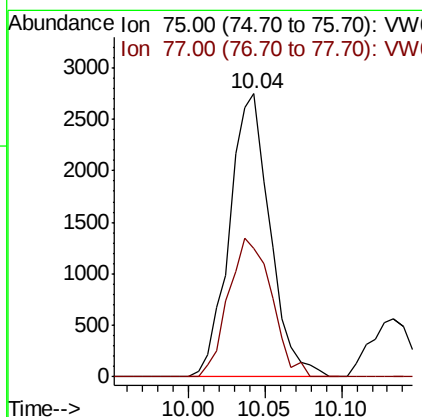
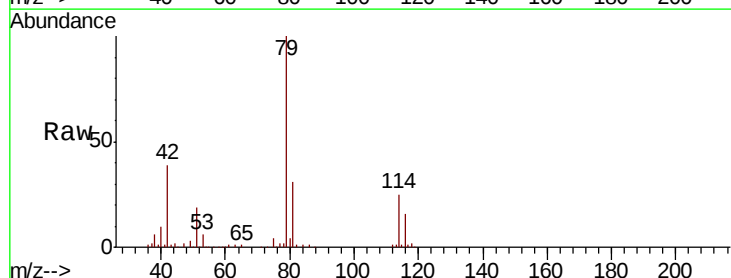
Instrument :
MSVOA_W
ClientSampled :

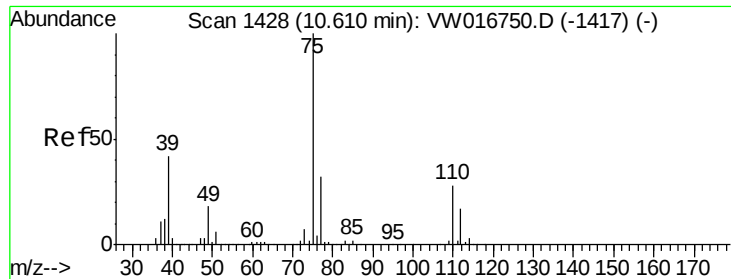
Tot Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
72 8.7 14.6 43.8#



#42
cis-1,3-Dichloropropene
Concen: 0.442 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016769.D
Acq: 02 Oct 2020 17:43

Tgt Ion: 75 Resp: 5051
Ion Ratio Lower Upper
75 100
77 45.6 22.2 41.2#

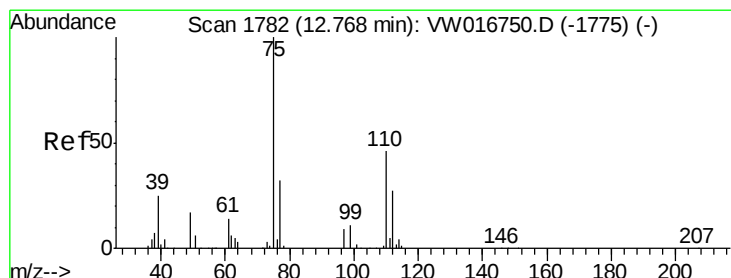
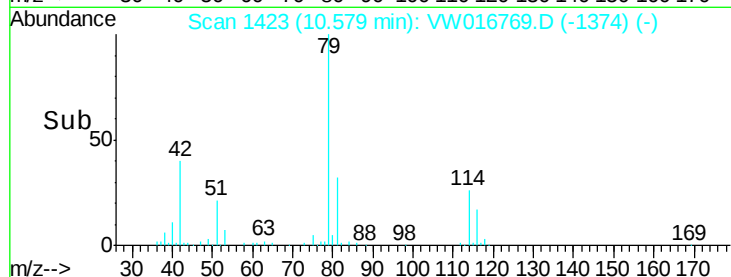
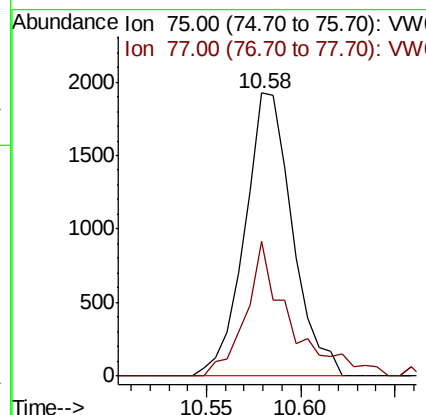
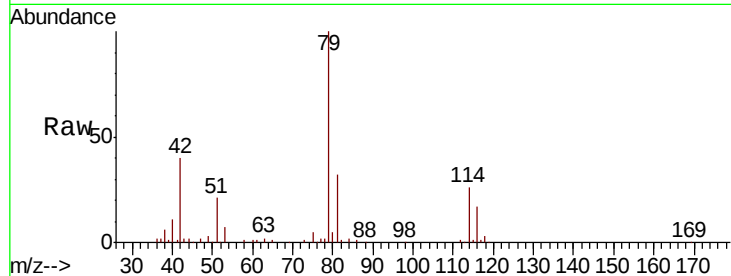




#45
trans-1,3-Dichloropropene
Concen: 0.340 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016769.D
Acq: 02 Oct 2020 17:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
77 47.7 22.5 41.9#



#59
1,2,3-Trichloropropane
Concen: 5.608 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016769.D
Acq: 02 Oct 2020 17:43

Tgt Ion: 75 Resp: 26316
Ion Ratio Lower Upper
75 100
77 36.9 26.2 39.4

