

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016643.D
 Acq On : 24 Sep 2020 16:02
 Operator : SY/VA
 Sample : L4110-10
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL6

Quant Time: Sep 25 08:03:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	611472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	535187	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	137321	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
7) Chloroethane-d5	2.91	69	119498	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
10) 1,1-Dichloroethene-d2	4.16	63	266	0.02	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.09	46	69680	43.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.36%
24) Chloroform-d	7.65	84	326149	25.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	8.31	65	165989	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.28	84	629670	26.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.92%
33) 1,2-Dichloropropane-d6	9.28	67	173575	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.76%
37) Toluene-d8	10.33	98	602844	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.12%
38) trans-1,3-Dichloropropene-	10.58	79	76773	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
39) 2-Hexanone-d5	10.93	63	57003	48.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135380	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	222739	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

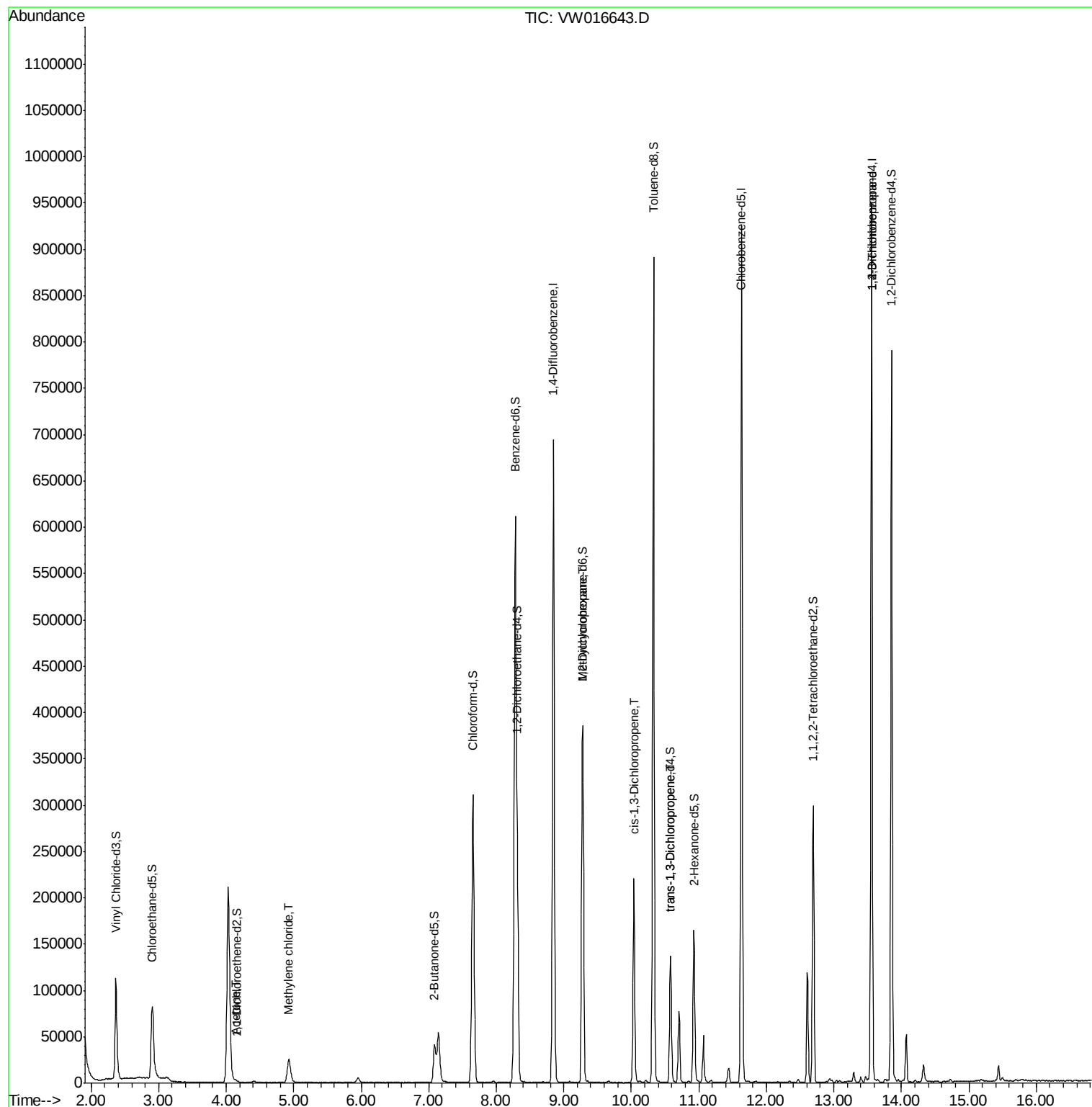
					Ovalue
13) Acetone	4.14	43	2376	1.880 ug/L	74
16) Methylene chloride	4.92	84	22751	2.412 ug/L	98
36) Methylcyclohexane	9.28	83	46143	3.278 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	6149	0.540 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	3918	0.395 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	28398	6.066 ug/L	93

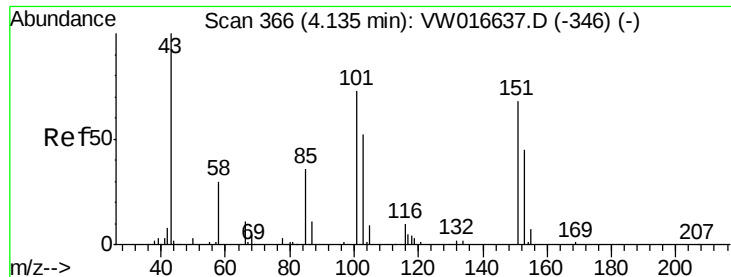
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 07:55:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.880 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016643.D

Acq: 24 Sep 2020 16:02

Instrument :

MSVOA_W

ClientSampled :

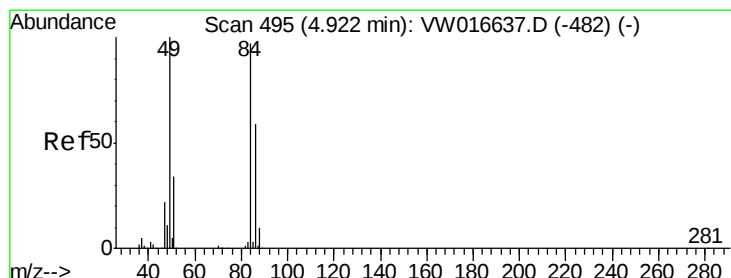
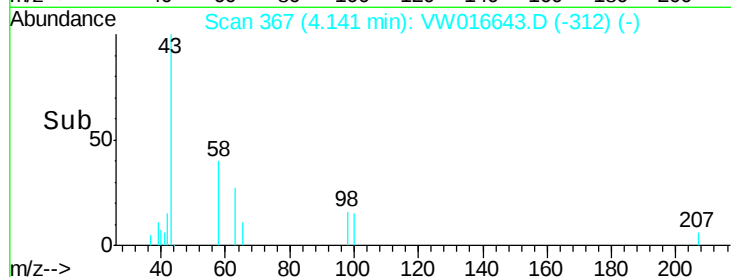
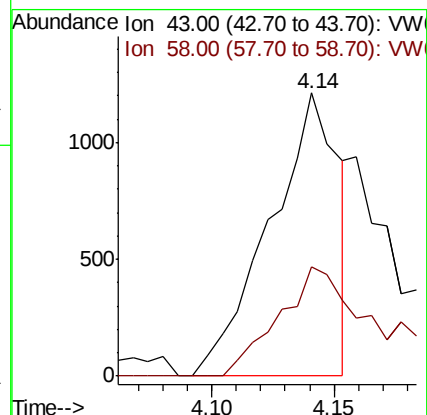
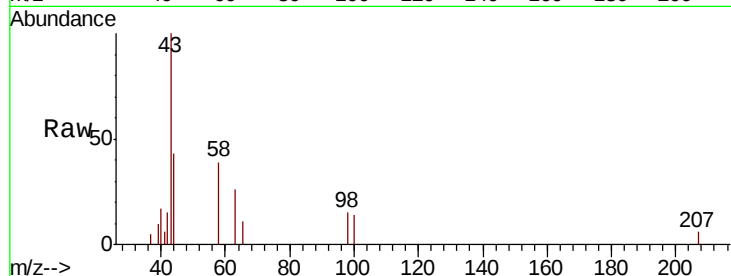
C0AL6

Tot Ion: 43 Resp: 2376

Ion Ratio Lower Upper

43 100

58 44.4 0.0 60.2



#16

Methylene chloride

Concen: 2.412 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016643.D

Acq: 24 Sep 2020 16:02

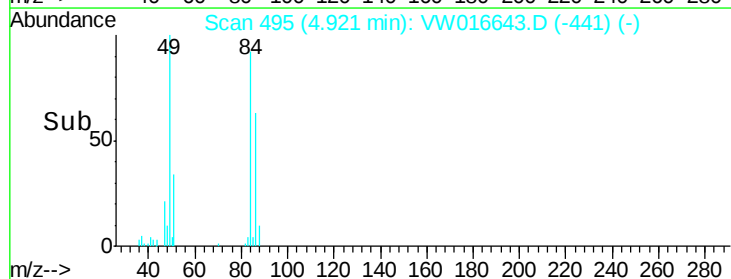
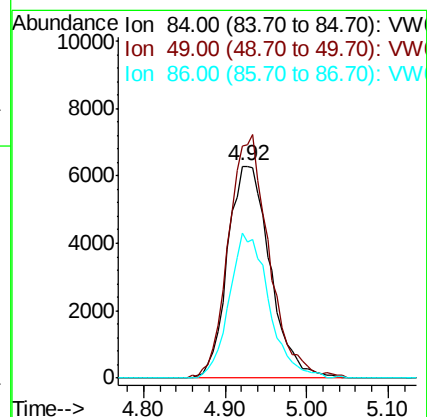
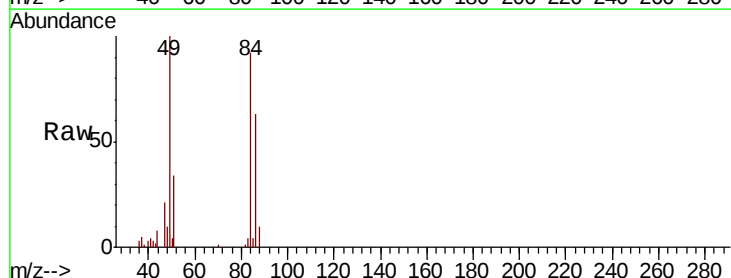
Tgt Ion: 84 Resp: 22751

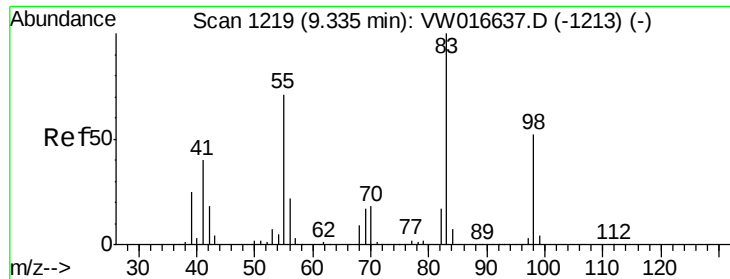
Ion Ratio Lower Upper

84 100

49 109.2 76.0 141.2

86 68.6 45.6 84.6

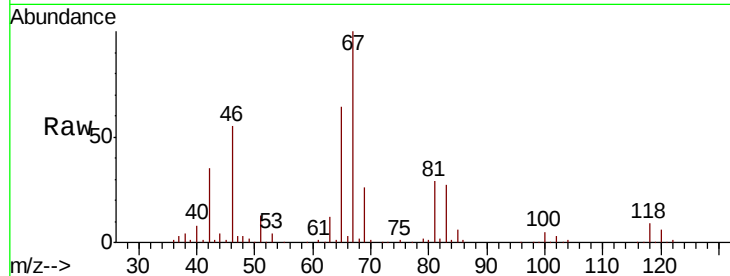




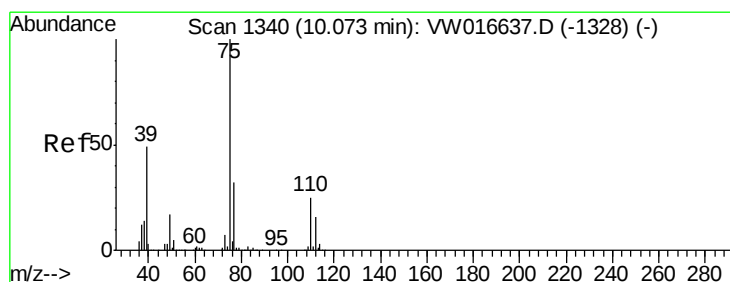
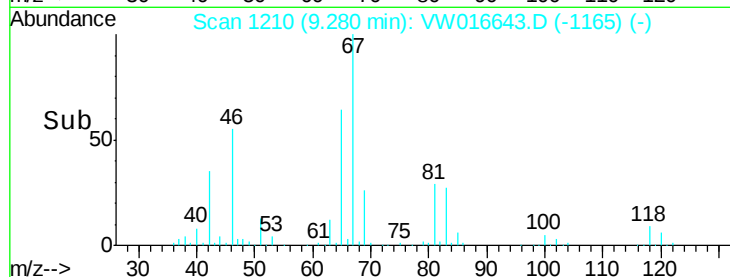
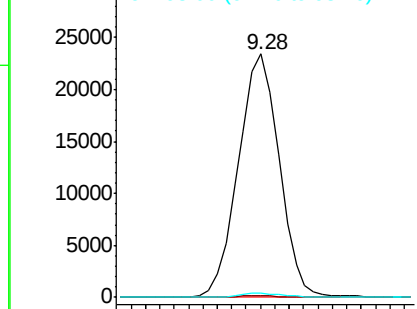
#36
Methylcyclohexane
Concen: 3.278 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016643.D
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Instrument :
MSVOA_W
ClientSampled :
C0AL6

Tot Ion: 83 Resp: 46143
Ion Ratio Lower Upper
83 100
55 0.6 55.9 83.9#
98 1.6 42.1 63.1#

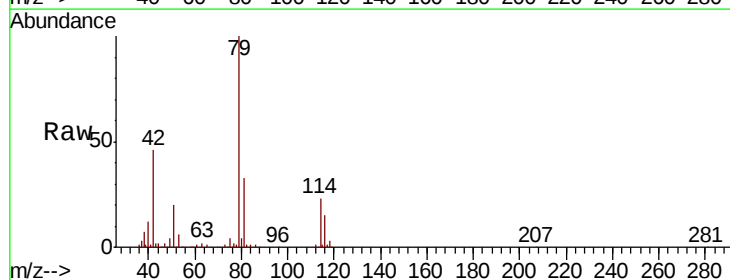


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

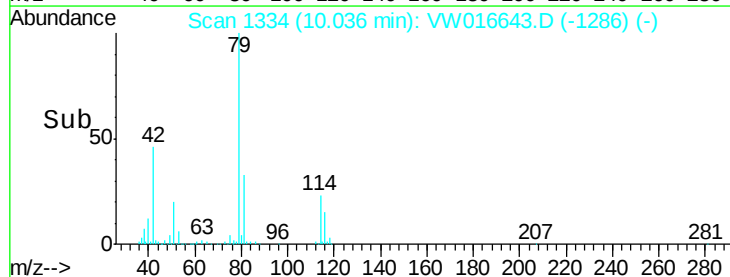
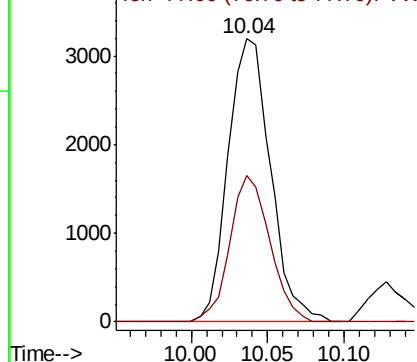


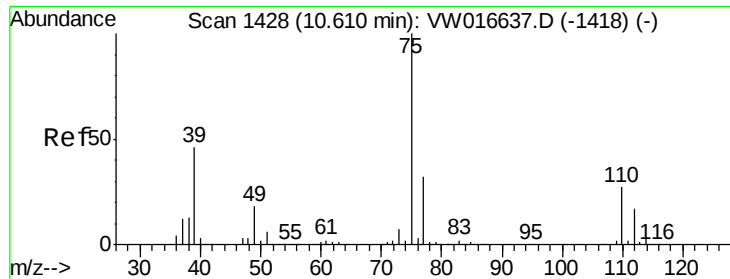
#42
cis-1,3-Dichloropropene
Concen: 0.540 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016643.D
Acq: 24 Sep 2020 16:02

Tgt Ion: 75 Resp: 6149
Ion Ratio Lower Upper
75 100
77 51.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

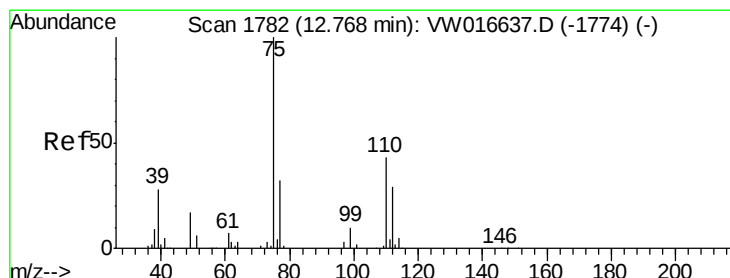
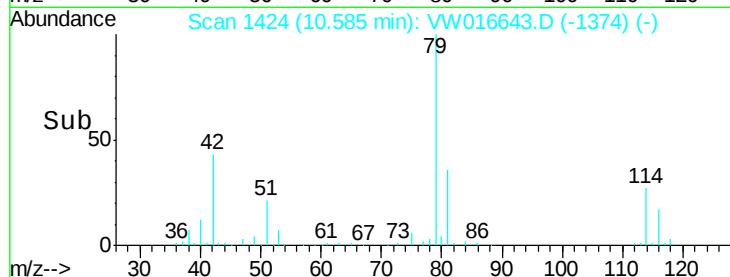
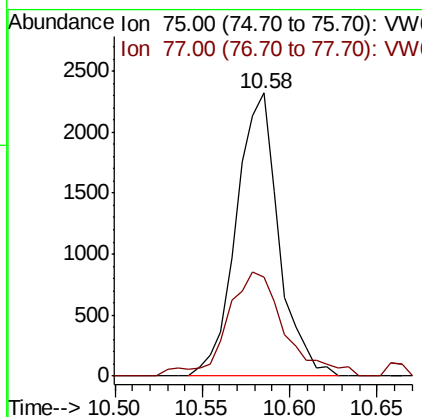
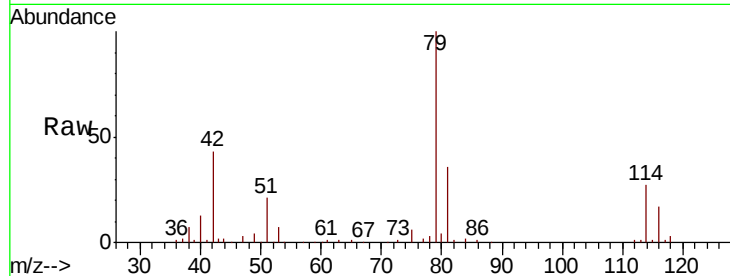




#45
trans-1,3-Dichloropropene
Concen: 0.395 ug/L
RT: 10.58 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016643.D
Acq: 24 Sep 2020 16:02

Instrument :
MSVOA_W
ClientSampled :
C0AL6

Tot Ion: 75 Resp: 3918
Ion Ratio Lower Upper
75 100
77 35.0 22.5 41.9



#59
1,2,3-Trichloropropane
Concen: 6.066 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016643.D
Acq: 24 Sep 2020 16:02

Tgt Ion: 75 Resp: 28398
Ion Ratio Lower Upper
75 100
77 36.7 26.2 39.4

