

Data File : VW015017.D
Acq On : 20 Feb 2020 14:46
Operator : SY/VA
Sample : L1584-01
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AL8

Quant Time: Feb 21 02:00:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 01:58:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	690296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	579331	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176243	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	204047	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
7) Chloroethane-d5	2.89	69	229688	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
10) 1,1-Dichloroethene-d2	4.01	63	358223	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.07	46	128056	39.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.86%
24) Chloroform-d	7.65	84	517770	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.44	65	145	0.01	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	983825	26.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.64%
33) 1,2-Dichloropropane-d6	9.27	67	343897	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.32%
37) Toluene-d8	10.32	98	788119	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.16%
38) trans-1,3-Dichloropropene-	10.57	79	98616	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.92	63	78048	35.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	184114	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	164997	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

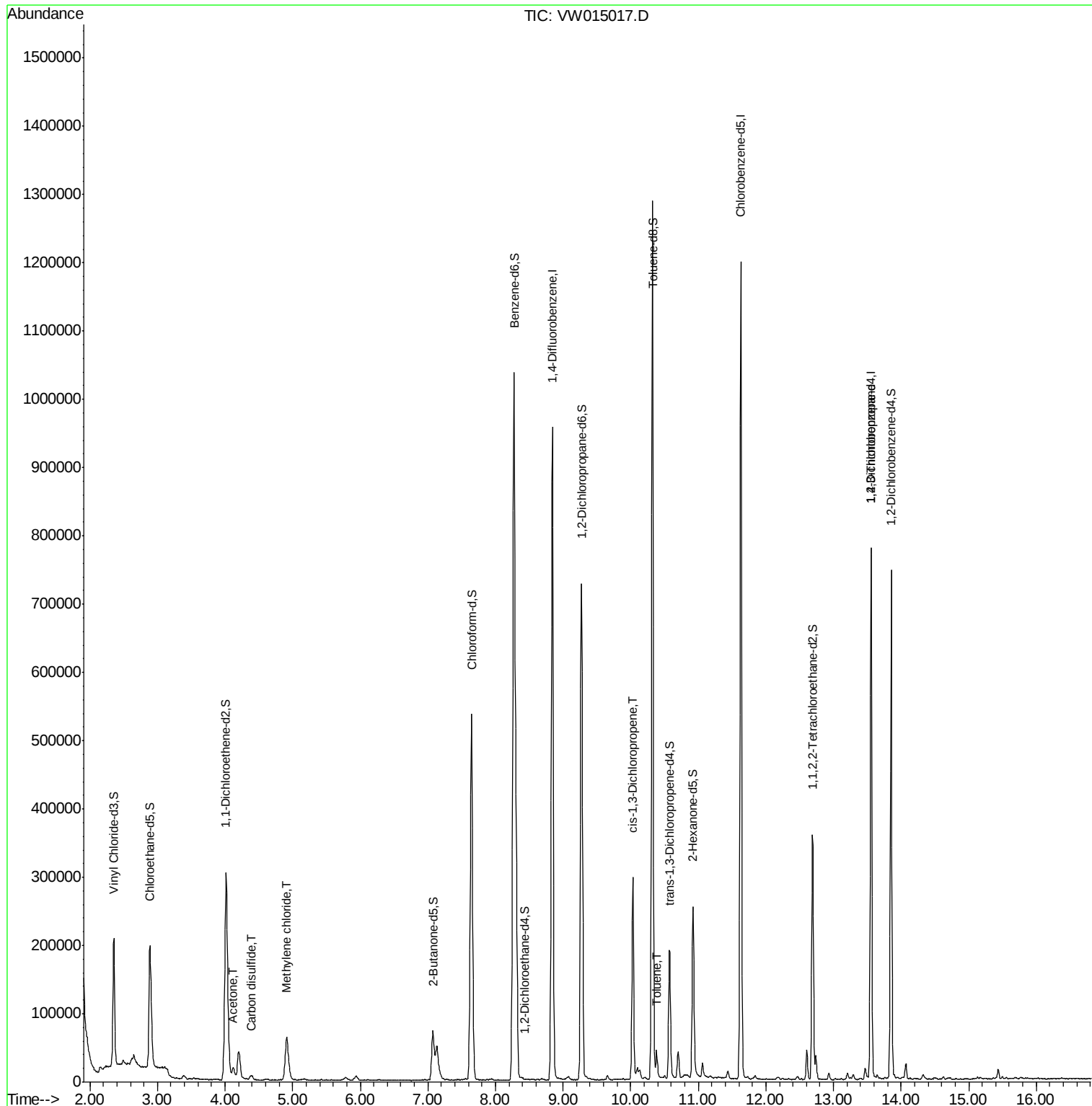
					Qvalue
13) Acetone	4.12	43	28485	8.605 ug/L	70
14) Carbon disulfide	4.38	76	9331	0.317 ug/L #	91
16) Methylene chloride	4.91	84	44897	3.570 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	7074	0.467 ug/L	91
44) Toluene	10.38	91	27054	0.669 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	29742	4.513 ug/L	93

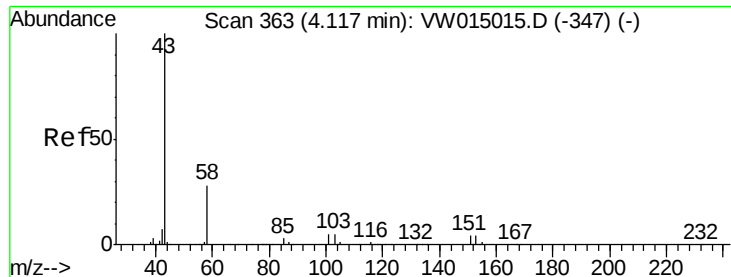
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.605 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

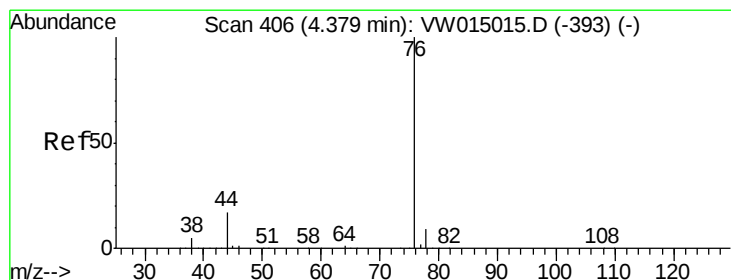
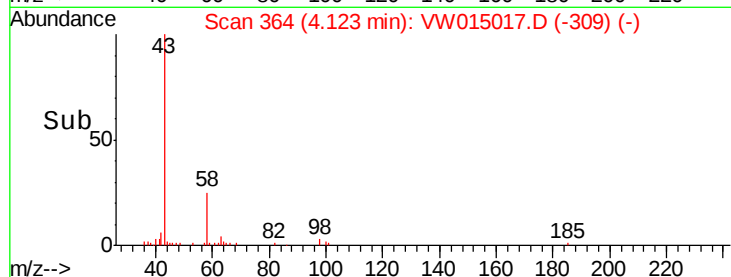
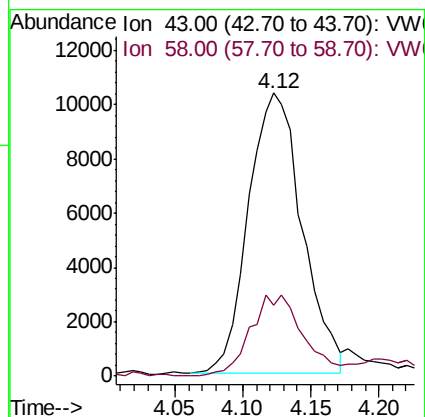
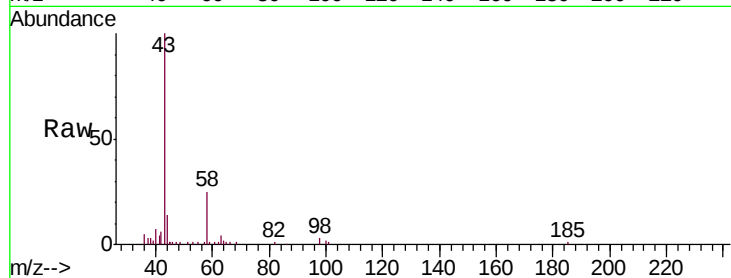
C0AL8

Tgt Ion: 43 Resp: 28485

Ion Ratio Lower Upper

43 100

58 14.1 0.0 60.4



#14

Carbon disulfide

Concen: 0.317 ug/L

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

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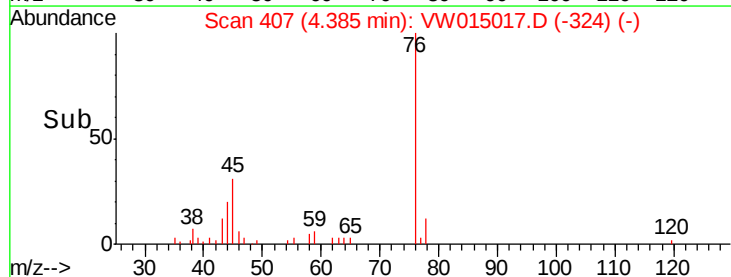
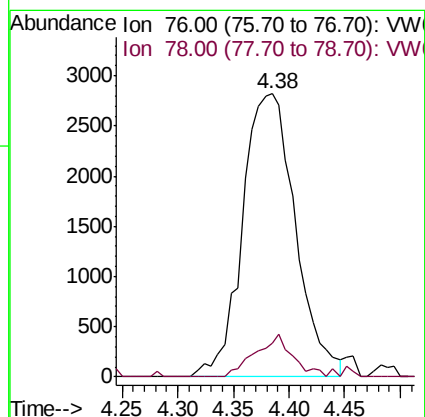
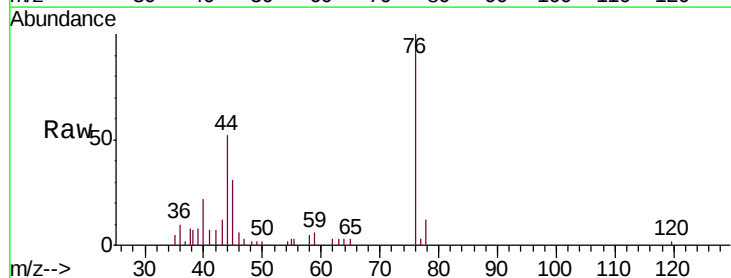
Acq: 20 Feb 2020 14:46

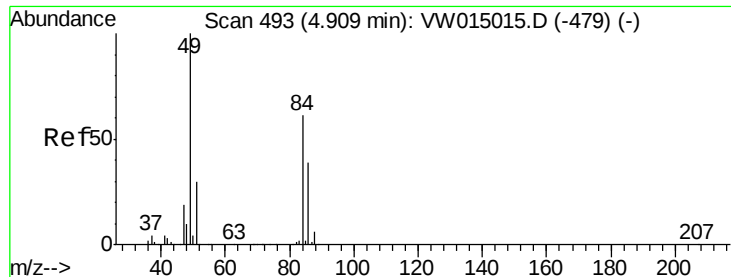
Tgt Ion: 76 Resp: 9331

Ion Ratio Lower Upper

76 100

78 12.1 7.0 10.6#

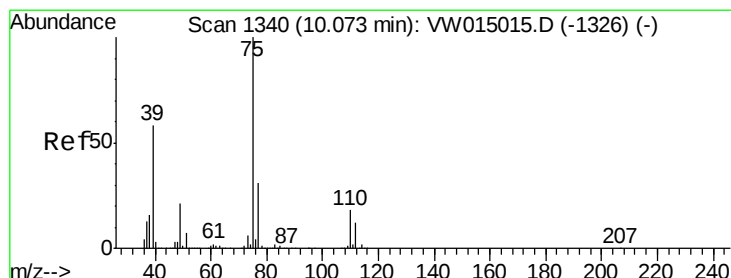
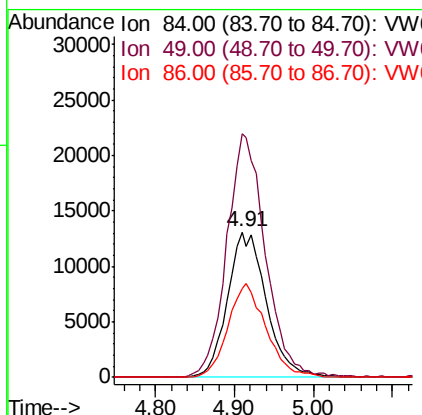
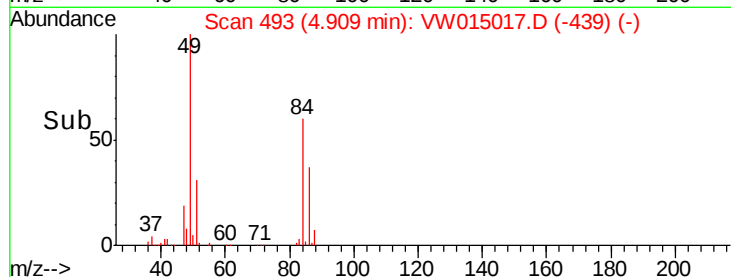
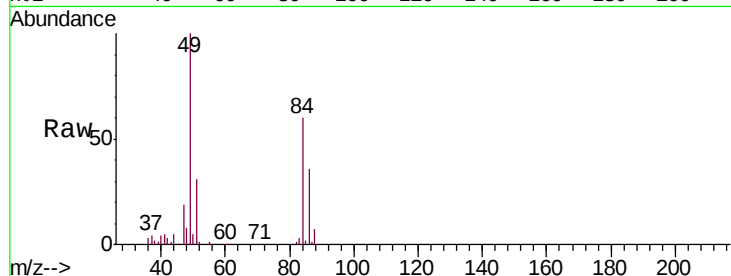




#16
Methylene chloride
Concen: 3.570 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
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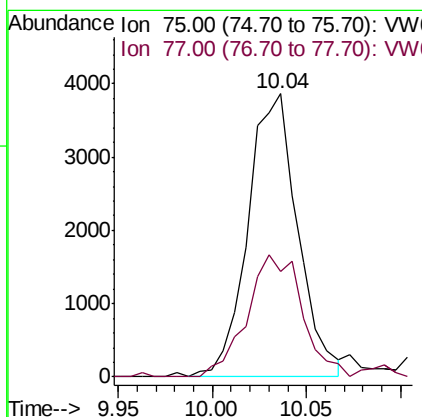
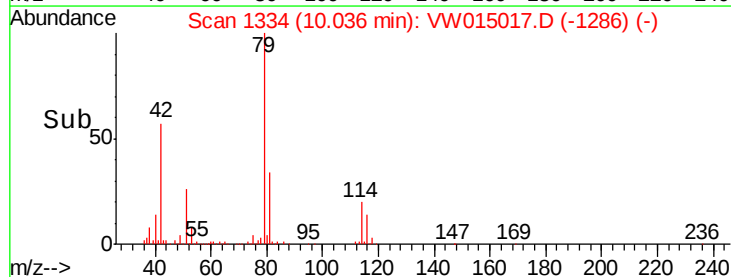
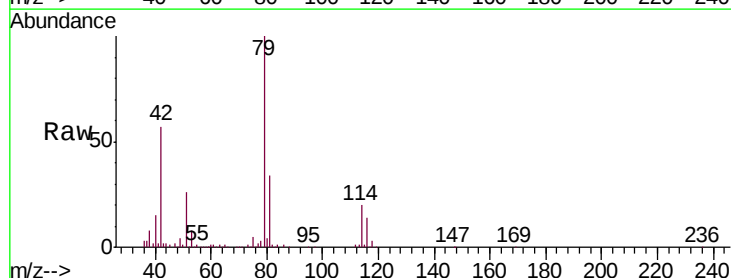
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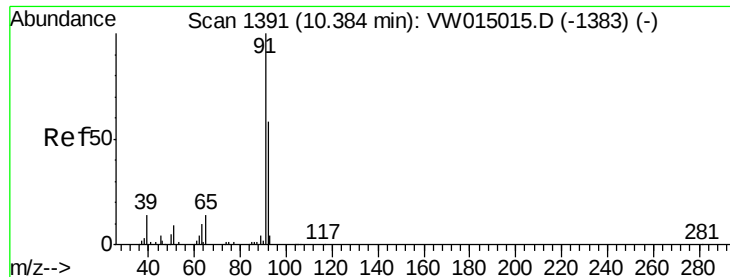
Tgt Ion: 84 Resp: 44897
Ion Ratio Lower Upper
84 100
49 167.9 95.8 177.8
86 61.3 44.2 82.2



#42
cis-1,3-Dichloropropene
Concen: 0.467 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015017.D
Acq: 20 Feb 2020 14:46

Tgt Ion: 75 Resp: 7074
Ion Ratio Lower Upper
75 100
77 37.3 22.5 41.9





#44

Toluene

Concen: 0.669 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015017.D

Acq: 20 Feb 2020 14:46

Instrument :

MSVOA_W

ClientSampleId :

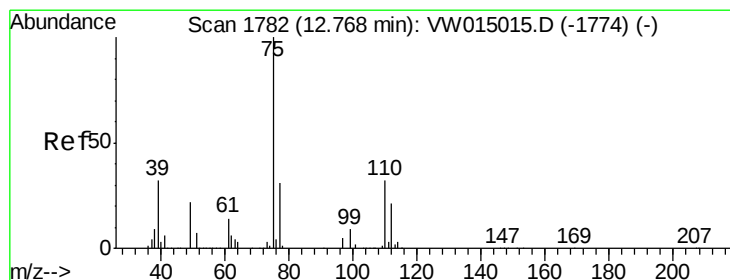
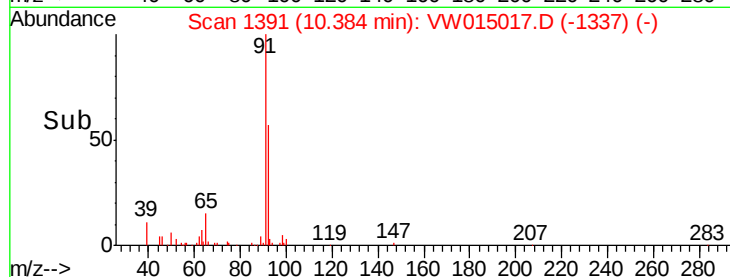
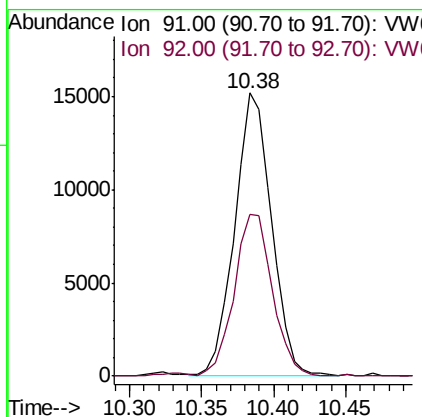
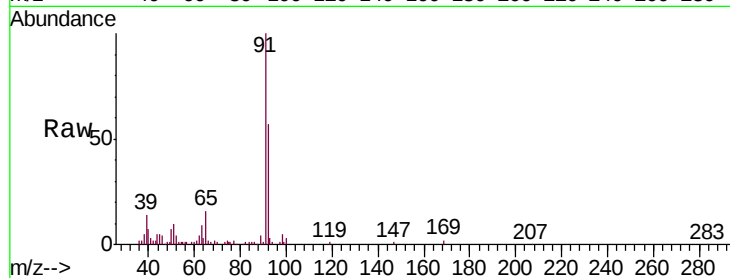
C0AL8

Tgt Ion: 91 Resp: 27054

Ion Ratio Lower Upper

91 100

92 57.2 41.4 77.0



#59

1,2,3-Trichloropropane

Concen: 4.513 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015017.D

Acq: 20 Feb 2020 14:46

Tgt Ion: 75 Resp: 29742

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9

