

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015379.D
 Acq On : 29 Apr 2020 14:49
 Operator : SY/VA
 Sample : L2435-06
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 08:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 08:26:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60773	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
7) Chloroethane-d5	2.89	69	65134	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
10) 1,1-Dichloroethene-d2	4.01	63	107227	14.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.72%
20) 2-Butanone-d5	7.08	46	37195	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
24) Chloroform-d	7.65	84	176016	20.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.68%
26) 1,2-Dichloroethane-d4	8.31	65	92993	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	8.27	84	351778	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.27	67	96213	21.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.96%
37) Toluene-d8	10.32	98	356139	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.20%
38) trans-1,3-Dichloropropene-	10.58	79	47188	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.40%
39) 2-Hexanone-d5	10.93	63	34785	42.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79208	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	137466	21.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.52%

Target Compounds

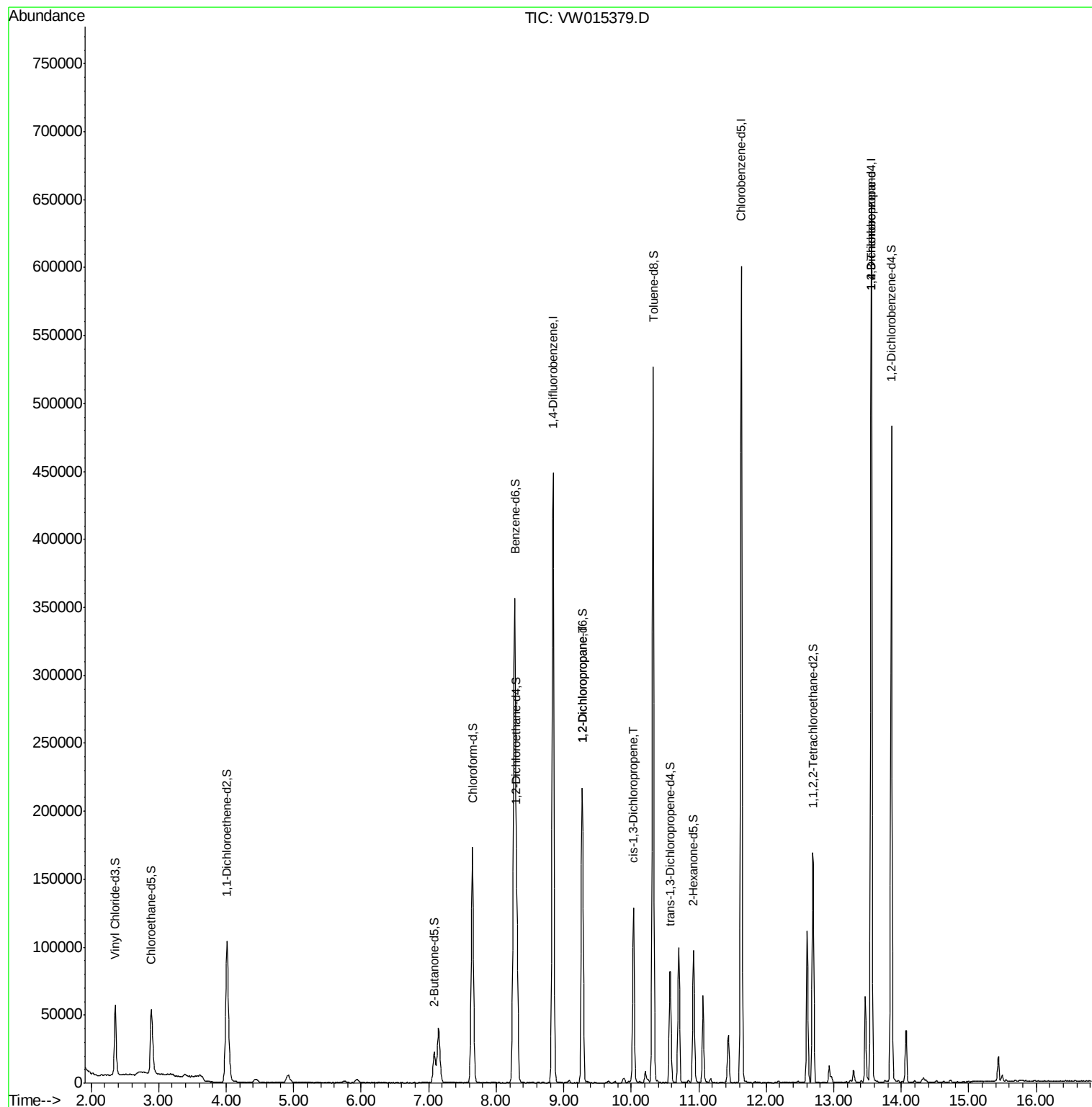
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
40) 1,2-Dichloropropane	9.27	63	11833	2.894	ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	3614	0.505	ug/L #	59
59) 1,2,3-Trichloropropane	13.55	75	18808	6.608	ug/L	91

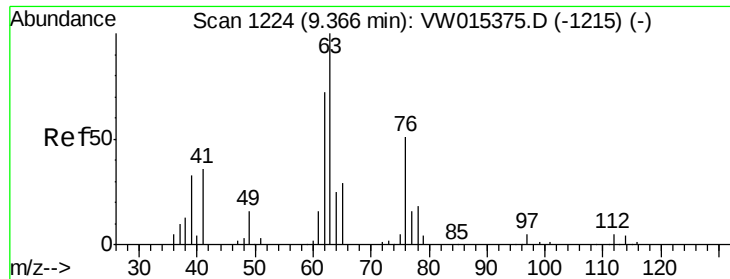
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 2.894 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015379.D

Acq: 29 Apr 2020 14:49

Instrument :

MSVOA_W

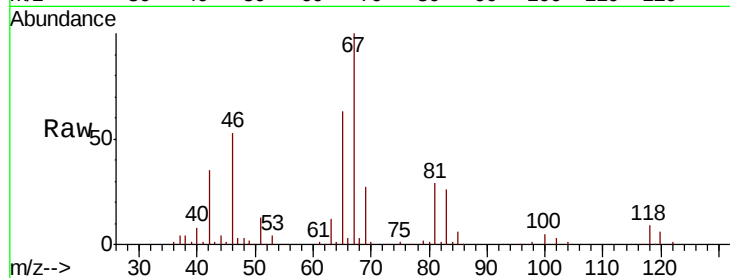
ClientSampleId :

Tot Ion: 63 Resp: 11833

Ion Ratio Lower Upper

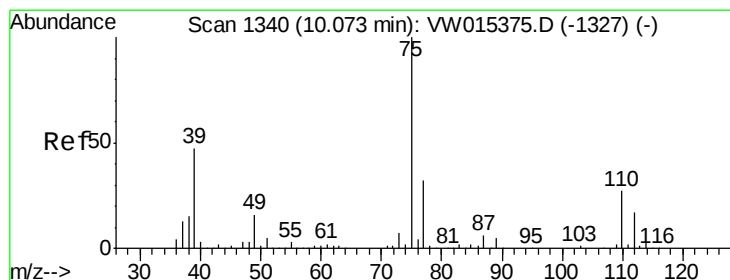
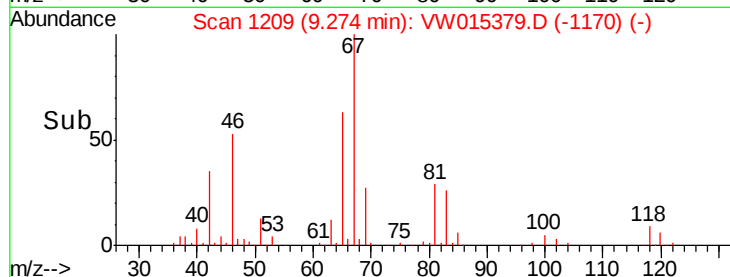
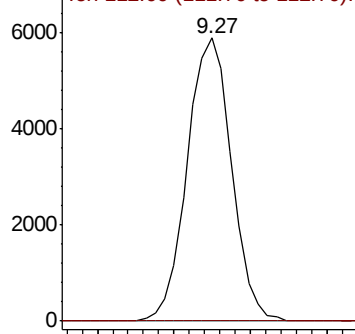
63 100

112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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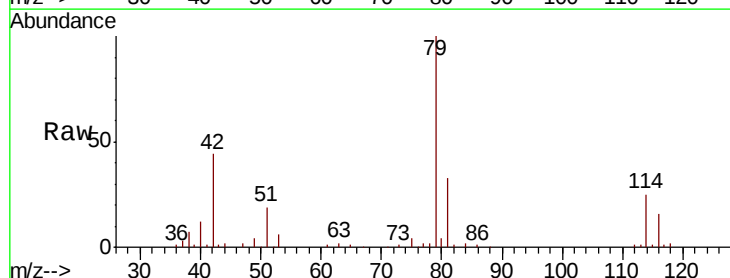
Acq: 29 Apr 2020 14:49

Tgt Ion: 75 Resp: 3614

Ion Ratio Lower Upper

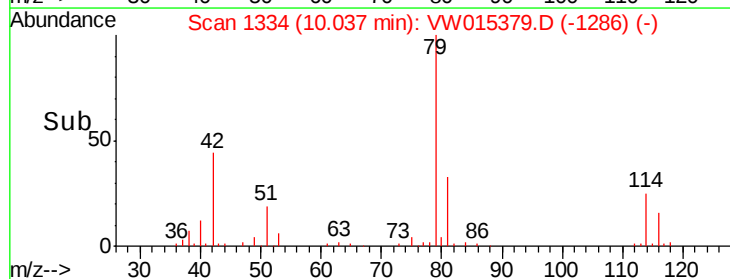
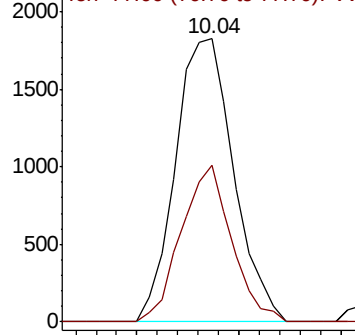
75 100

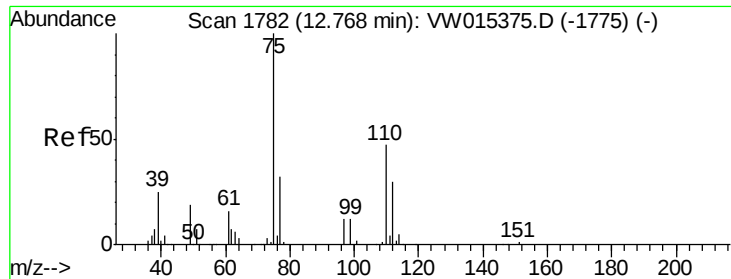
77 55.5 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.608 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015379.D

Acq: 29 Apr 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18808

Ion Ratio Lower Upper

75 100

77 38.2 26.4 39.6

