

Data File : VW016846.D
Acq On : 08 Oct 2020 10:59
Operator : SY/VA
Sample : VW1009SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK28

Quant Time: Oct 09 08:08:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	533819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232647	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120314	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.40%
7) Chloroethane-d5	2.89	69	101466	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.03	63	179745	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.08	46	49529	41.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.04%
24) Chloroform-d	7.65	84	254507	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	125206	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.27	84	522418	23.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.84%
33) 1,2-Dichloropropane-d6	9.27	67	143280	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	501035	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	10.58	79	56444	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	10.93	63	40854	45.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105716	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	177329	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds

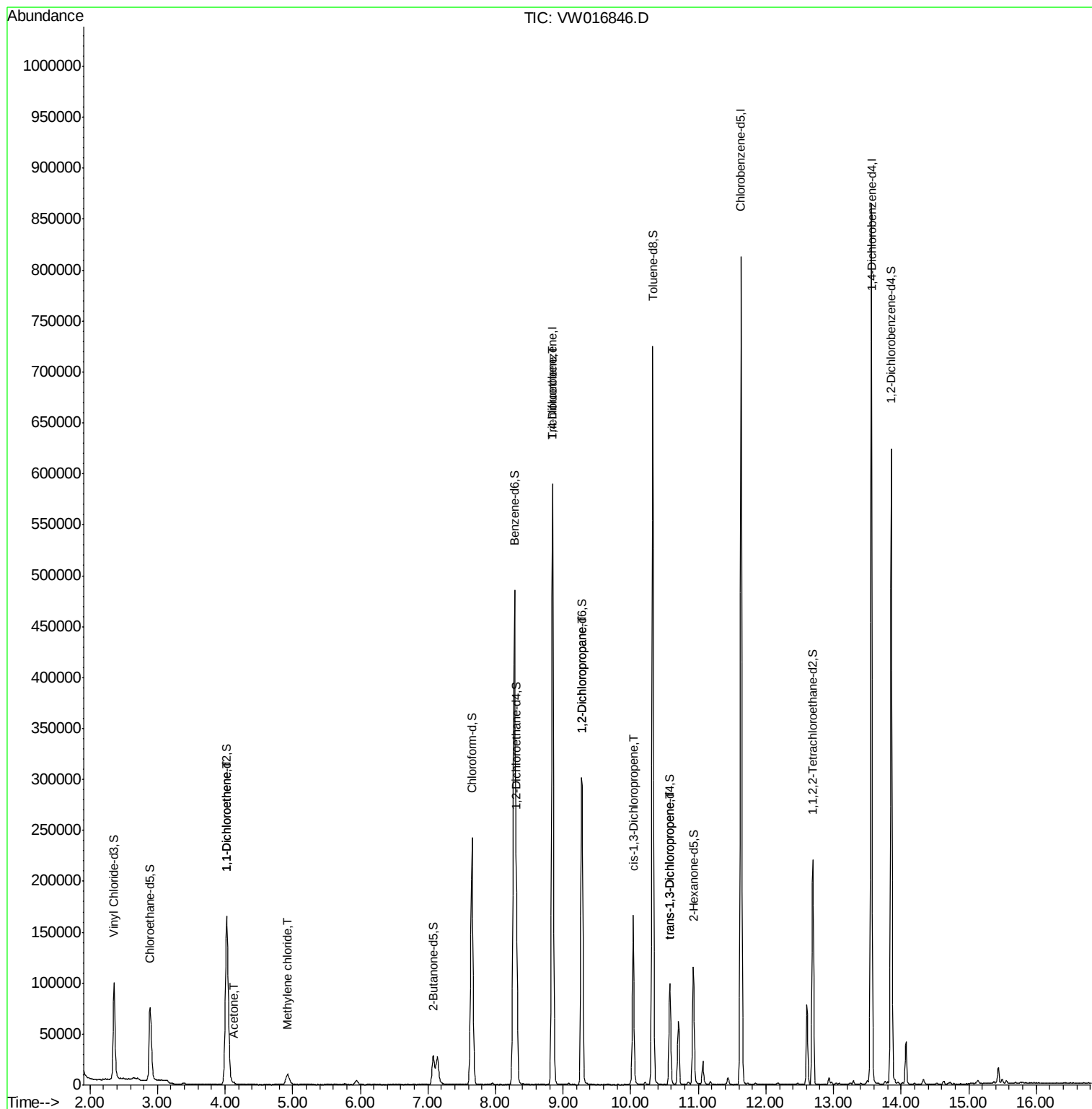
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1852	0.268 ug/L #	1
13) Acetone	4.14	43	1676	1.857 ug/L	76
16) Methylene chloride	4.92	84	5699	0.774 ug/L	93
35) Trichloroethene	8.84	95	15372	2.108 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16155	2.771 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4122	0.443 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	2540	0.325 ug/L	95

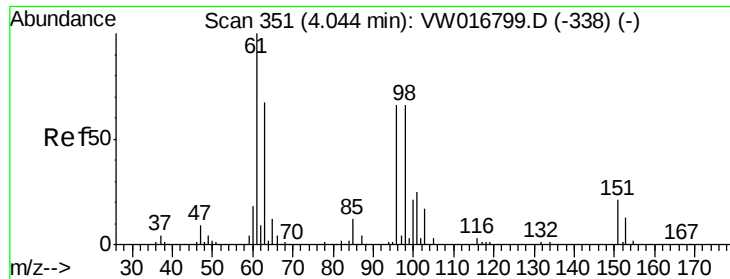
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

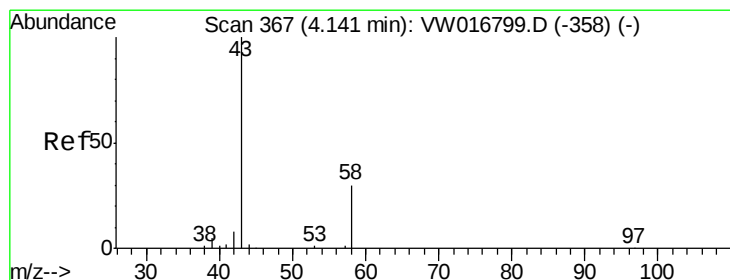
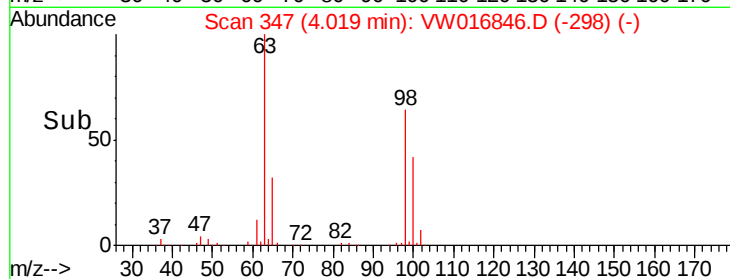
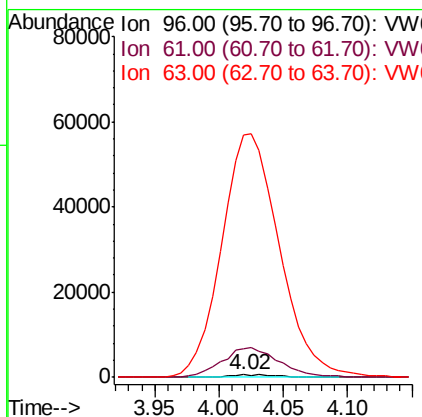
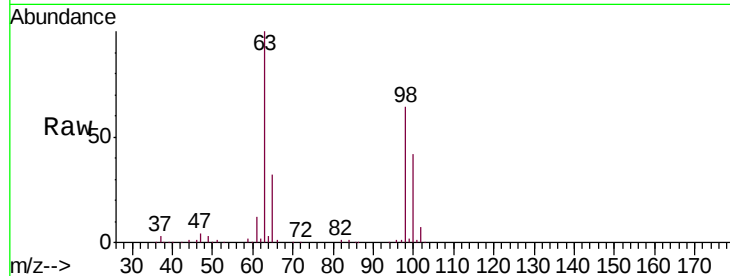




#12
 1,1-Dichloroethene
 Concen: 0.268 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.03 min
 Lab File: VW016846.D
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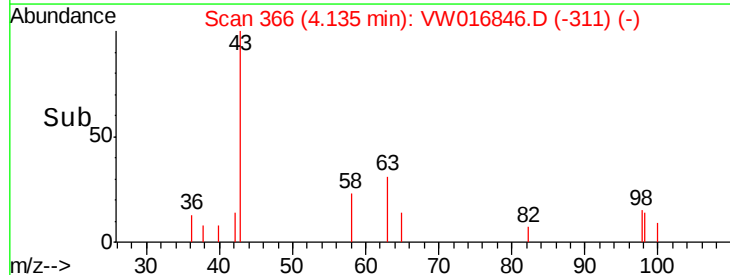
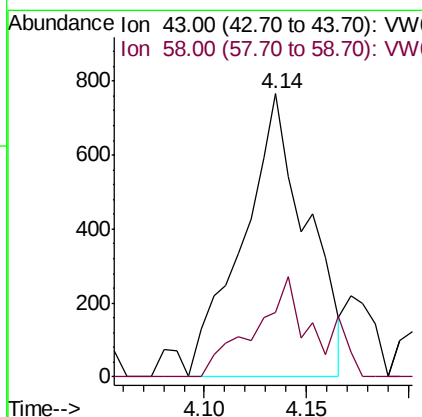
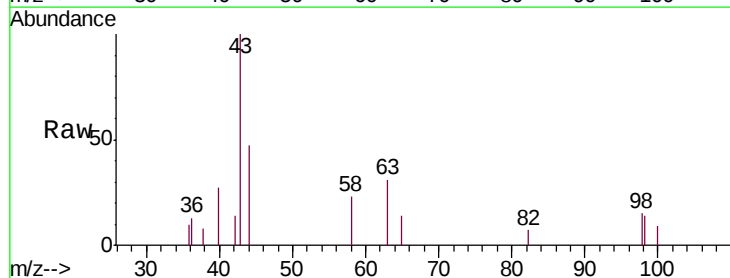
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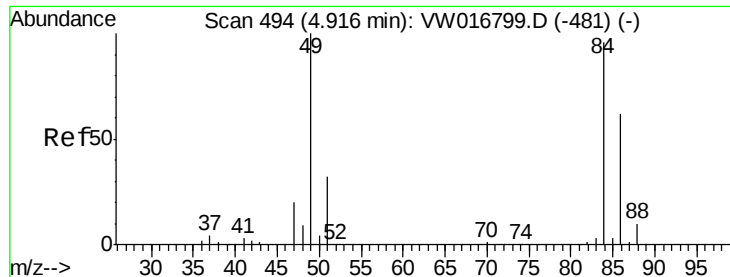
Tgt Ion: 96 Resp: 1852
 Ion Ratio Lower Upper
 96 100
 61 1121.4 105.1 195.1#
 63 9529.1 69.9 129.7#



#13
 Acetone
 Concen: 1.857 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW016846.D
 Acq: 08 Oct 2020 10:59

Tgt Ion: 43 Resp: 1676
 Ion Ratio Lower Upper
 43 100
 58 20.0 0.0 67.6

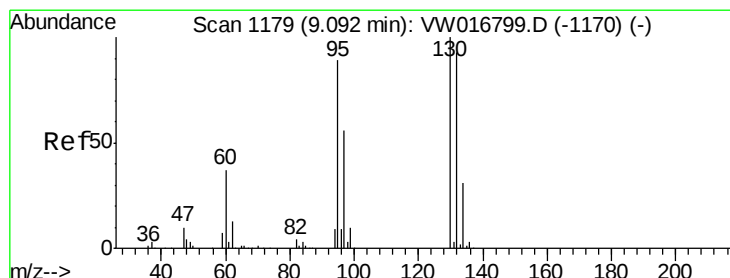
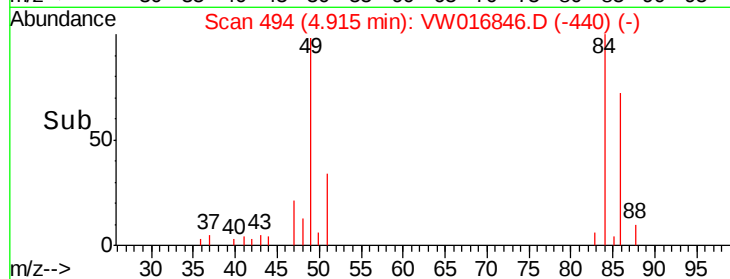
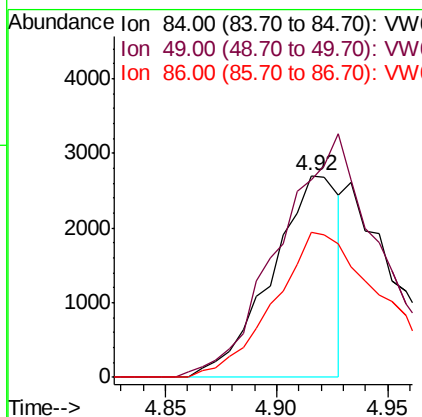
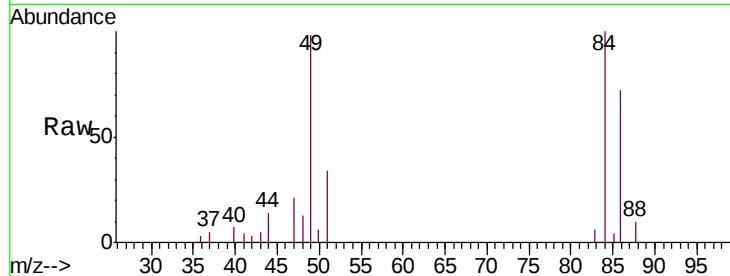




#16
Methylene chloride
Concen: 0.774 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016846.D
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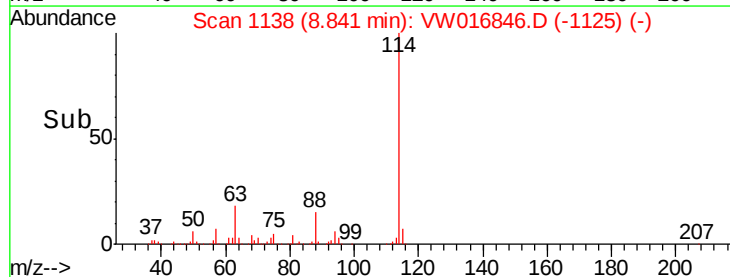
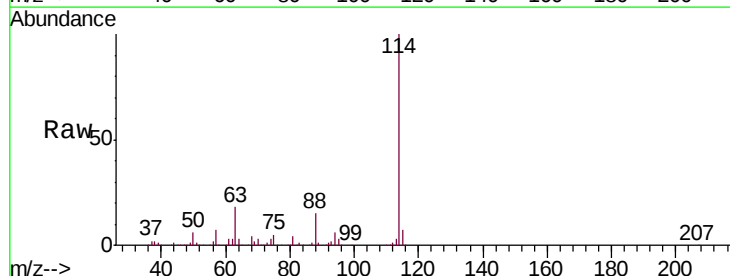
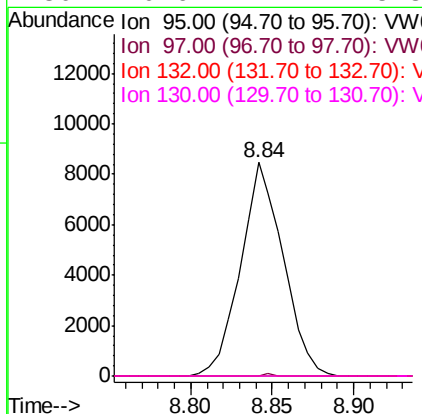
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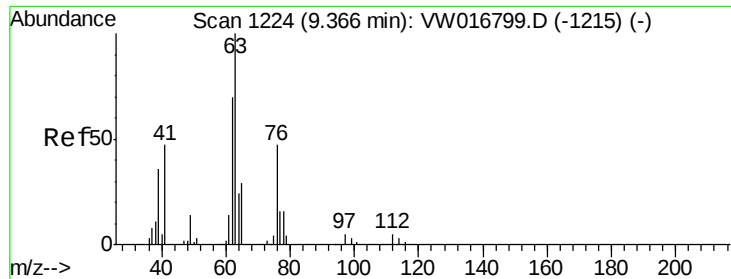
Tgt Ion: 84 Resp: 5699
Ion Ratio Lower Upper
84 100
49 97.8 73.1 135.8
86 72.0 46.0 85.4



#35
Trichloroethene
Concen: 2.108 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW016846.D
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Tgt Ion: 95 Resp: 15372
Ion Ratio Lower Upper
95 100
97 0.0 44.7 83.1#
132 0.6 73.8 137.2#
130 0.6 77.1 143.3#

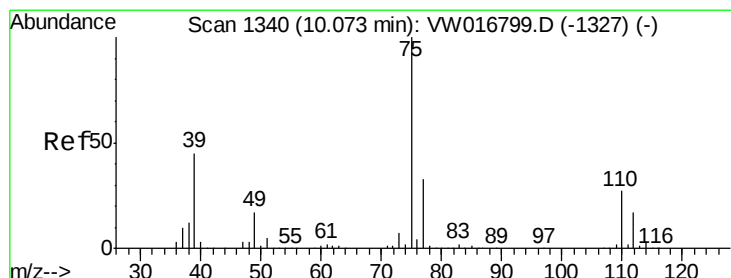
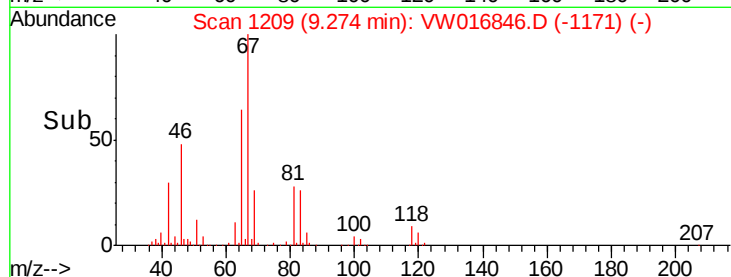
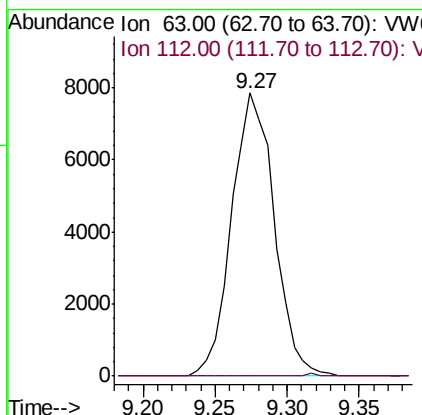
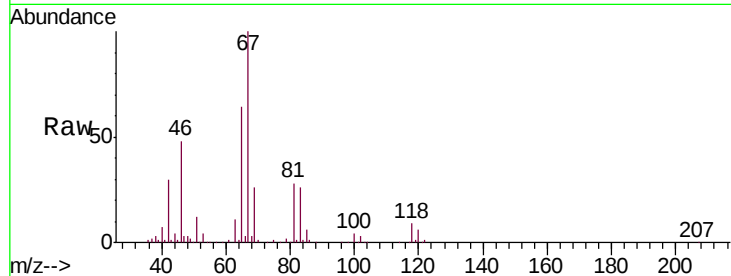




#40
 1,2-Dichloropropane
 Concen: 2.771 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016846.D
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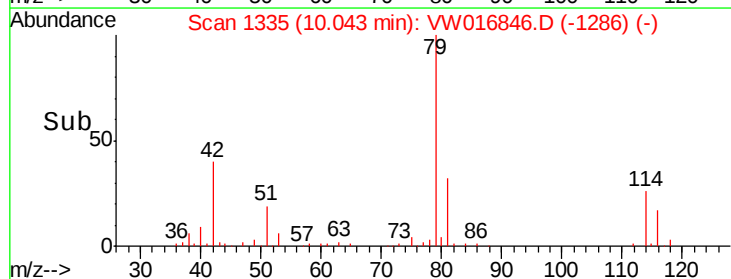
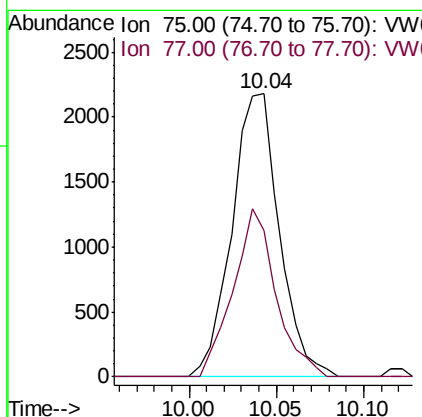
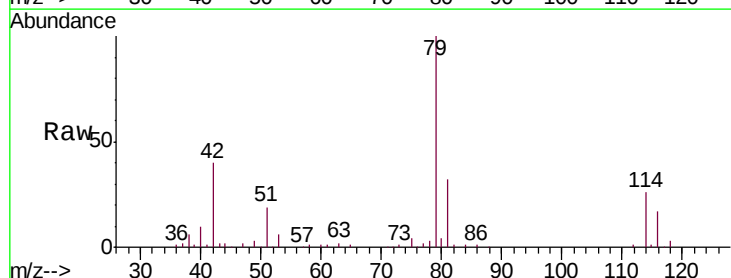
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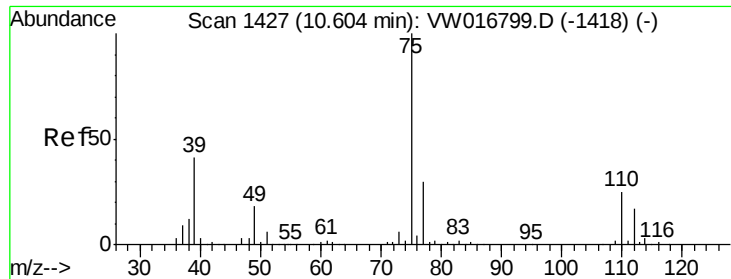
Tgt Ion: 63 Resp: 16155
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.443 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016846.D
 Acq: 08 Oct 2020 10:59

Tgt Ion: 75 Resp: 4122
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.325 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016846.D

Acq: 08 Oct 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VBLK28

Tgt Ion: 75 Resp: 2540

Ion Ratio Lower Upper

75 100

77 34.5 22.2 41.2

