

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015378.D
 Acq On : 29 Apr 2020 14:26
 Operator : SY/VA
 Sample : L2392-03
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 08:28:19 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	399531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352394	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181792	25.00	ug/L	0.00

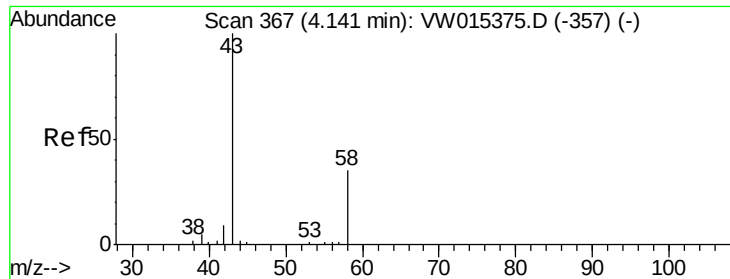
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64804	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	2.90	69	68048	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
10) 1,1-Dichloroethene-d2	4.01	63	115171	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.07	46	38024	42.53	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.06%
24) Chloroform-d	7.65	84	182045	20.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.88%
26) 1,2-Dichloroethane-d4	8.30	65	96033	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	8.27	84	364081	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	9.27	67	98886	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.08%
37) Toluene-d8	10.32	98	369553	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.24%
38) trans-1,3-Dichloropropene-	10.57	79	47315	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.40%
39) 2-Hexanone-d5	10.92	63	35340	42.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78806	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	138145	21.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	2271	3.016 ug/L	62
21) 2-Butanone	7.15	43	2459	2.159 ug/L #	50
36) Methylcyclohexane	9.27	83	27071	3.090 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	12037	2.937 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	3839	0.535 ug/L #	77
59) 1,2,3-Trichloropropane	13.55	75	18179	6.371 ug/L	90

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



#13

Acetone

Concen: 3.016 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

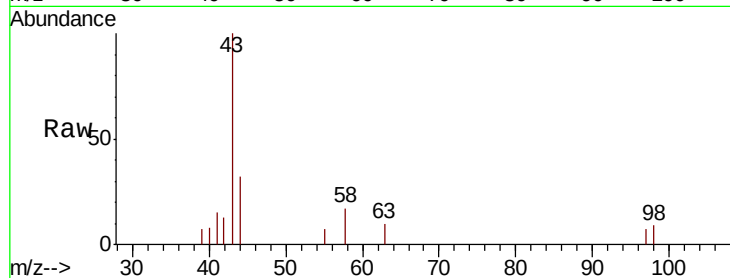
ClientSampled :

Tot Ion: 43 Resp: 2271

Ion Ratio Lower Upper

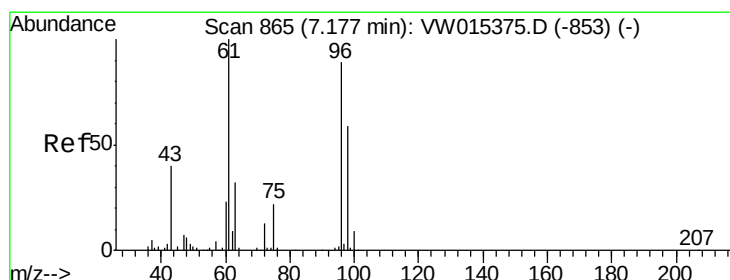
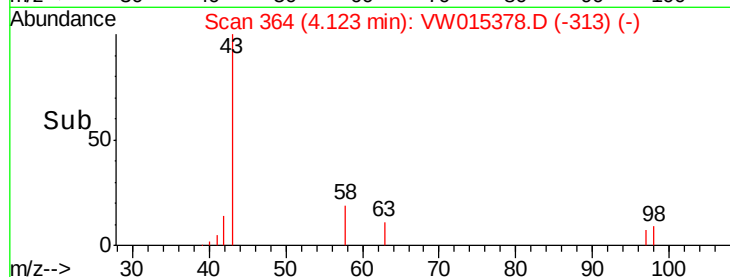
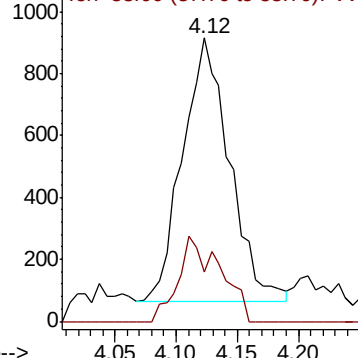
43 100

58 12.3 0.0 68.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.159 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW015378.D

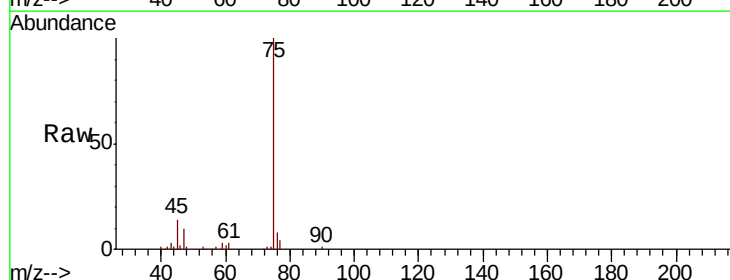
Acq: 29 Apr 2020 14:26

Tgt Ion: 43 Resp: 2459

Ion Ratio Lower Upper

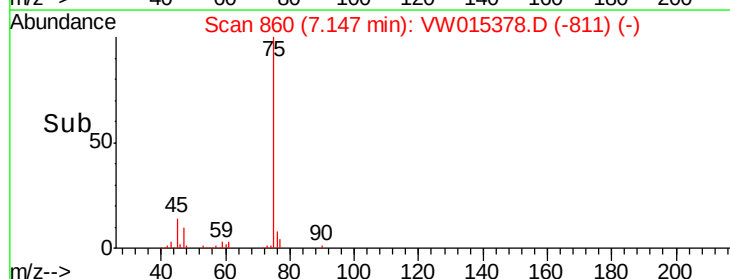
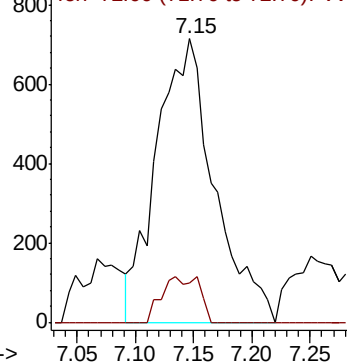
43 100

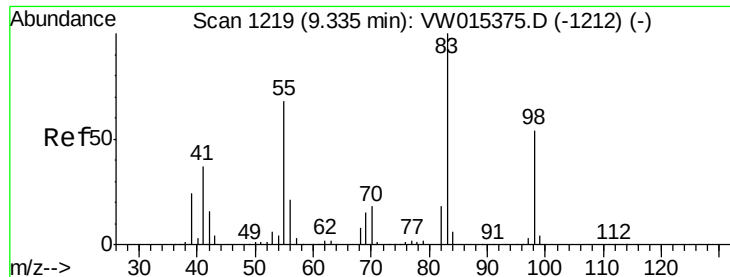
72 4.1 16.0 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

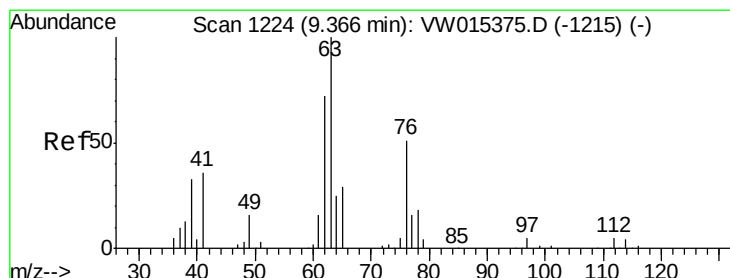
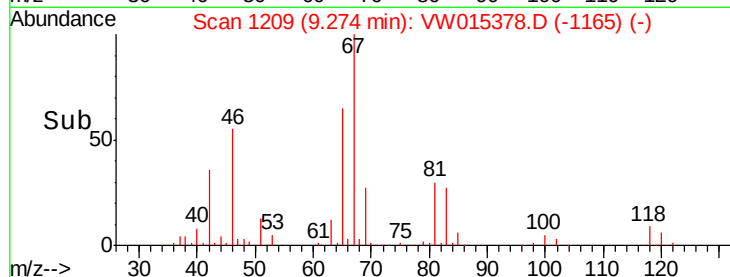
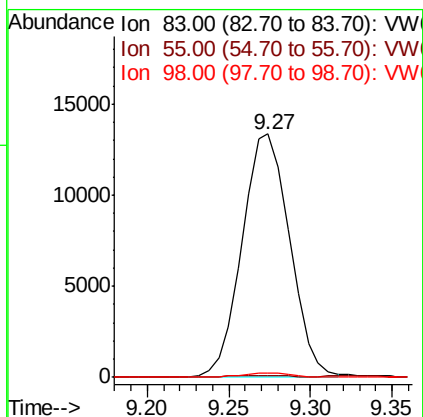
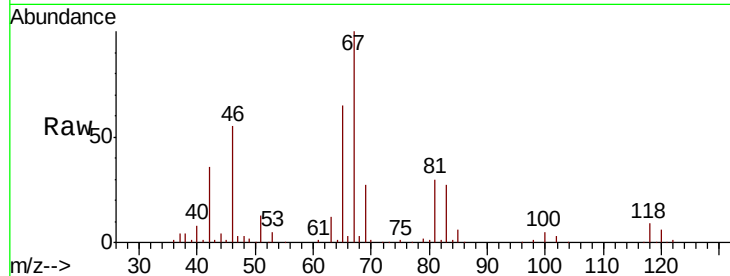




#36
Methylvlcyclohexane
Concen: 3.090 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015378.D
Acq: 29 Apr 2020 14:26

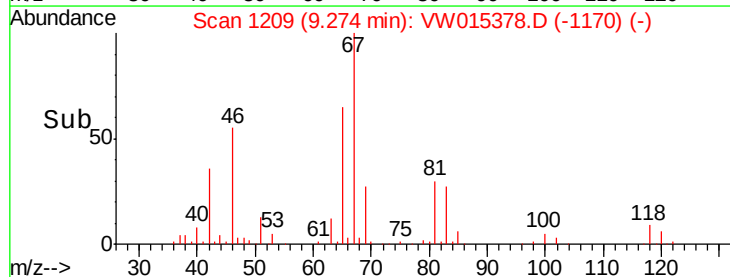
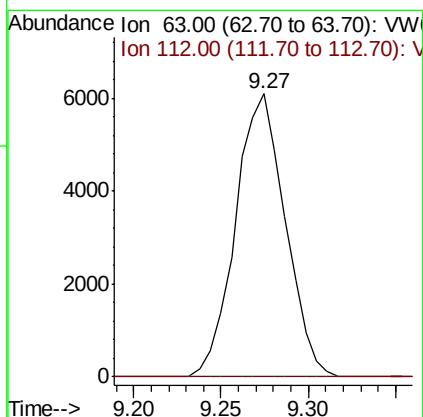
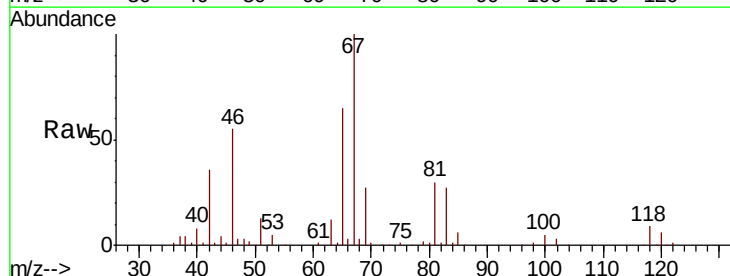
Instrument :
MSVOA_W
ClientSampleId :

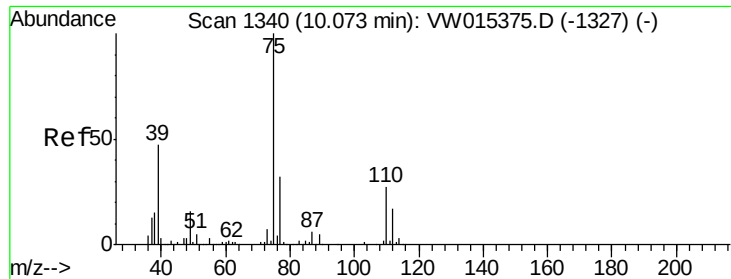
Tot Ion: 83 Resp: 27071
Ion Ratio Lower Upper
83 100
55 0.6 53.7 80.5#
98 1.8 42.3 63.5#



#40
1,2-Dichloropropane
Concen: 2.937 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW015378.D
Acq: 29 Apr 2020 14:26

Tgt Ion: 63 Resp: 12037
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#42

cis-1,3-Dichloropropene

Concen: 0.535 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015378.D

Acq: 29 Apr 2020 14:26

Instrument :

MSVOA_W

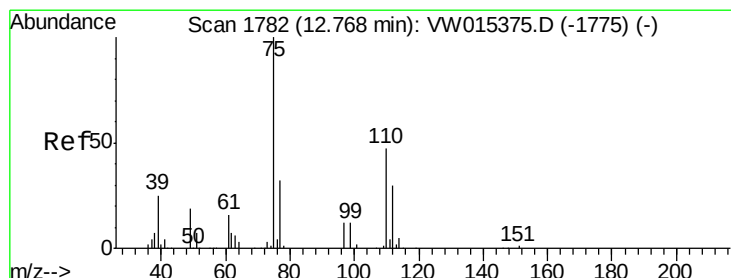
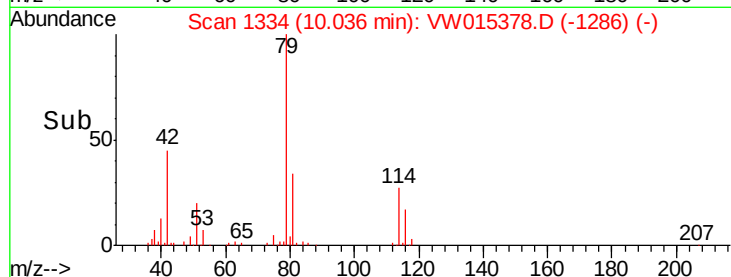
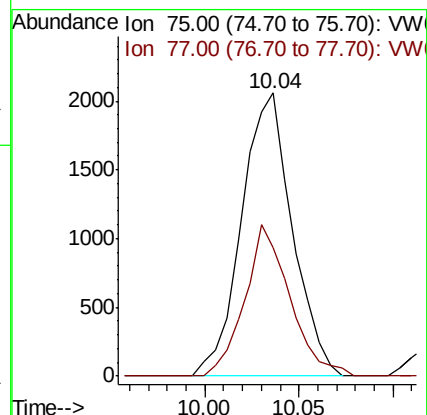
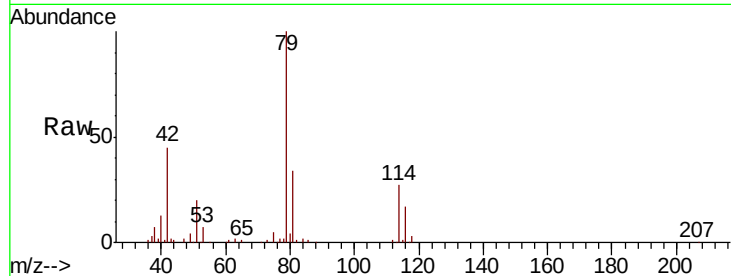
ClientSampleId :

Tot Ion: 75 Resp: 3839

Ion Ratio Lower Upper

75 100

77 45.4 22.7 42.3#



#59

1,2,3-Trichloropropane

Concen: 6.371 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015378.D

Acq: 29 Apr 2020 14:26

Tgt Ion: 75 Resp: 18179

Ion Ratio Lower Upper

75 100

77 38.9 26.4 39.6

