

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015169.D
 Acq On : 08 Apr 2020 14:26
 Operator : SY/VA
 Sample : L2176-04
 Misc : 2.76G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J0

Manual Integrations
 APPROVED

MMDadoda
 4/10/2020 3:01:52 PM

Quant Time: Apr 09 11:48:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 01:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	655910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	635168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	1648441m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	230199	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	2.89	69	216609	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.02	63	322130	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	7.08	46	123872	48.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.08%
24) Chloroform-d	7.65	84	402275	20.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.08%
26) 1,2-Dichloroethane-d4	8.31	65	235856	20.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.12%
29) Benzene-d6	8.27	84	822876	20.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.96%
33) 1,2-Dichloropropane-d6	9.30	67	400136m	29.63	ug/L	0.02
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.52%
37) Toluene-d8	10.33	98	5532207	159.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	638.64%#
38) trans-1,3-Dichloropropene-	10.58	79	102621	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.93	63	172804	86.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.28%#
48) 1,1,1,2,2-Tetrachloroethane-	12.72	84	2118649	229.38	ug/L	0.03
Spiked Amount	25.000	Range	45 - 120	Recovery	=	917.52%#
61) 1,2-Dichlorobenzene-d4	13.88	152	1032907	18.01	ug/L	0.03
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.04%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	29148	12.667	ug/L	99
30) Cyclohexane	7.96	56	449726	21.700	ug/L	96
36) Methylcyclohexane	9.34	83	16982606	864.181	ug/L #	82
57) Isopropylbenzene	12.46	105	19008362m	418.269	ug/L	

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

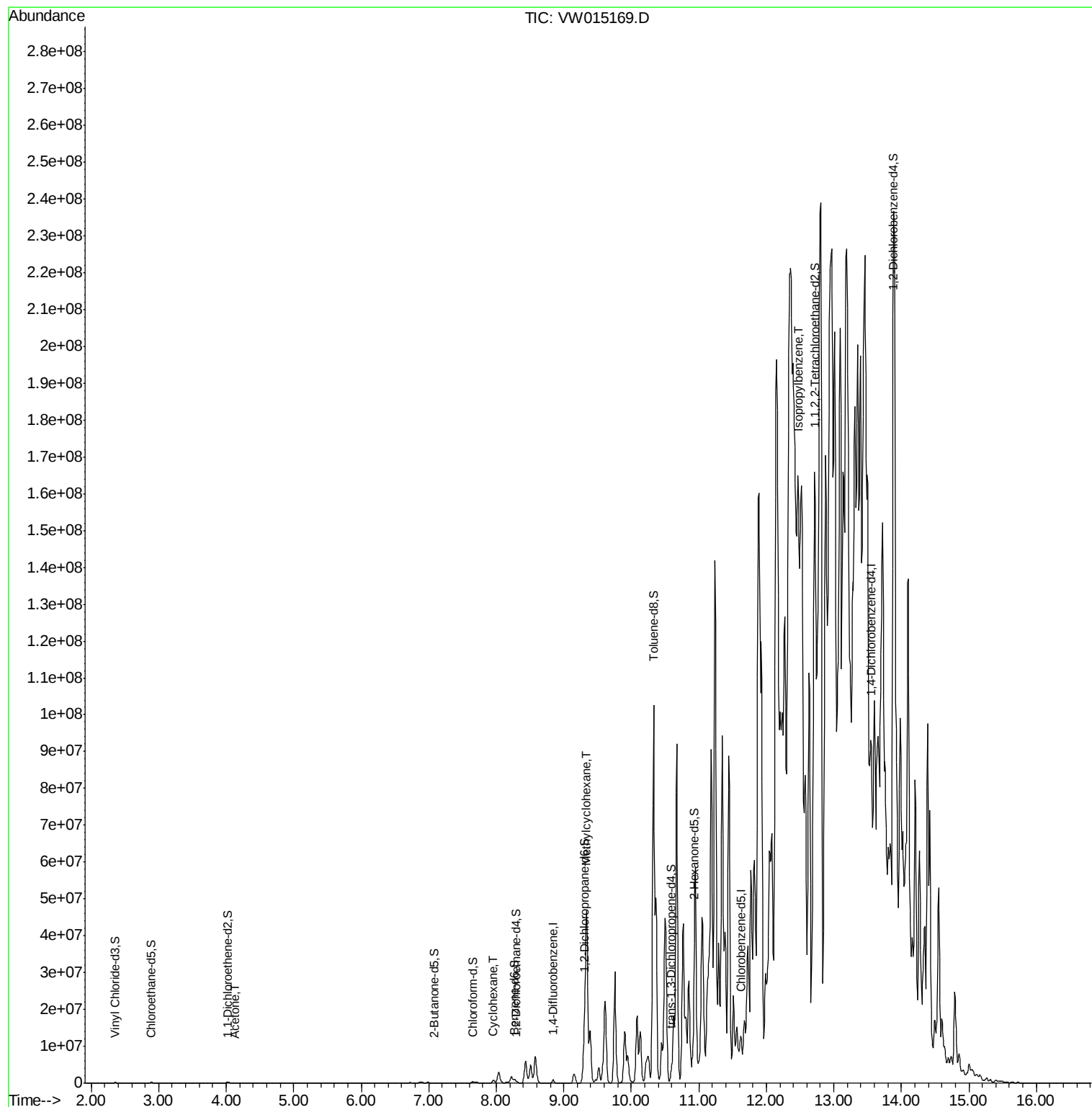
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015169.D
Acq On : 08 Apr 2020 14:26
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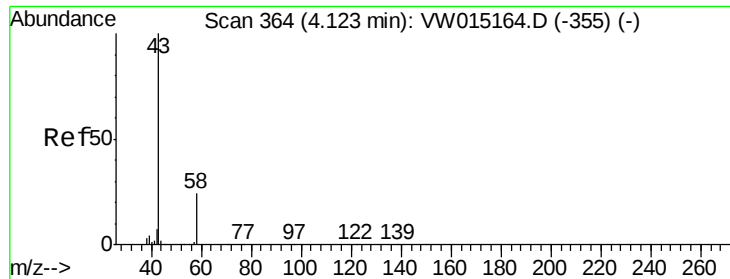
Instrument :
MSVOA_W
ClientSampleId :
BG2J0

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Quant Time: Apr 09 11:48:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration





#13

Acetone

Concen: 12.667 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015169.D

Acq: 08 Apr 2020 14:26

Instrument :

MSVOA_W

ClientSampled :

BG2J0

Tot Ion: 43 Resp: 29148

Ion Ratio Lower Upper

43 100

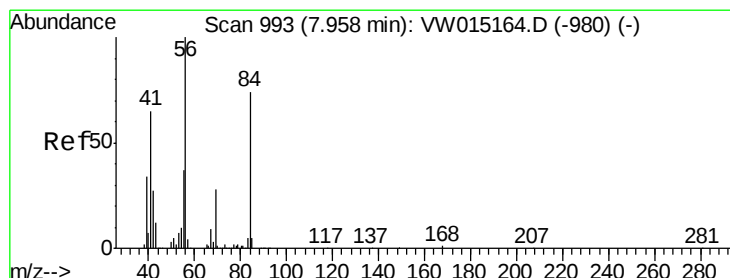
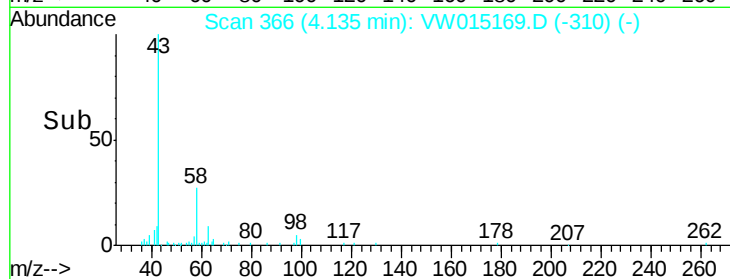
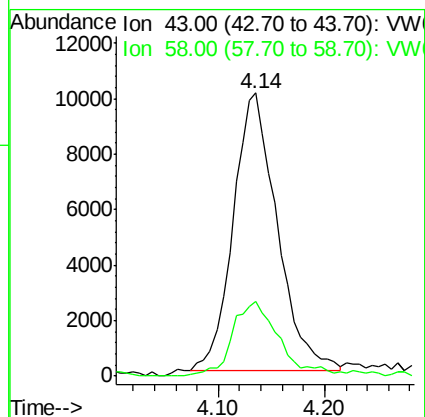
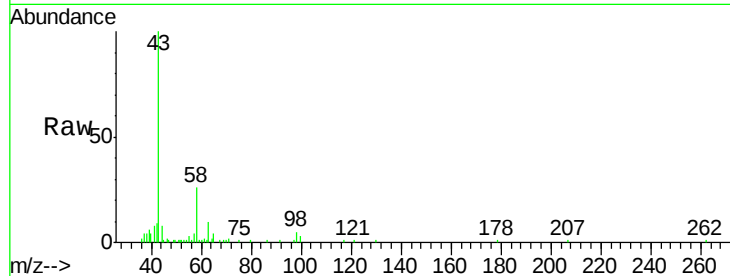
58 26.5 0.0 54.4

Manual Integrations

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#30

Cyclohexane

Concen: 21.700 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015169.D

Acq: 08 Apr 2020 14:26

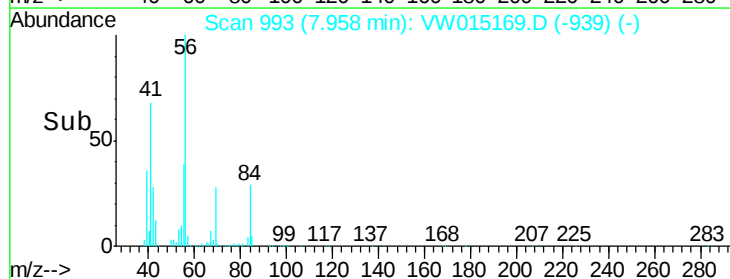
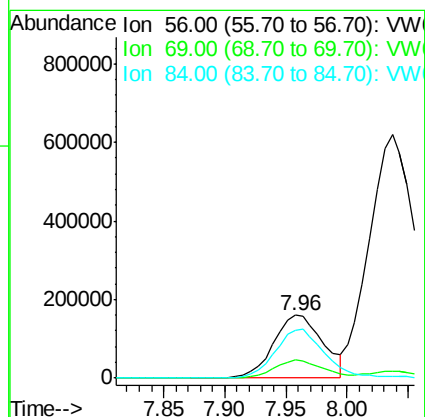
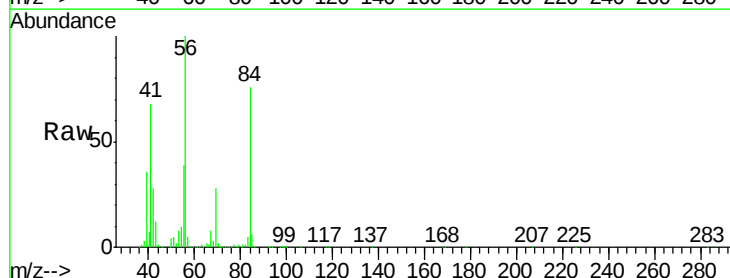
Tgt Ion: 56 Resp: 449726

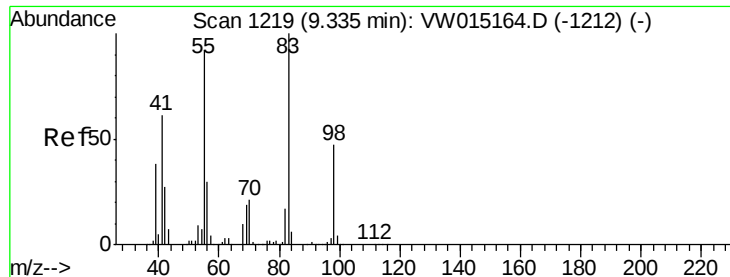
Ion Ratio Lower Upper

56 100

69 27.2 22.0 33.0

84 78.4 58.9 88.3





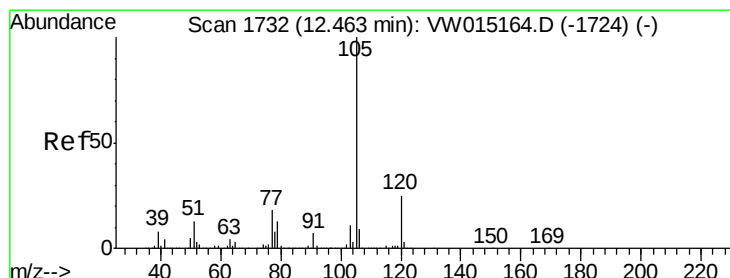
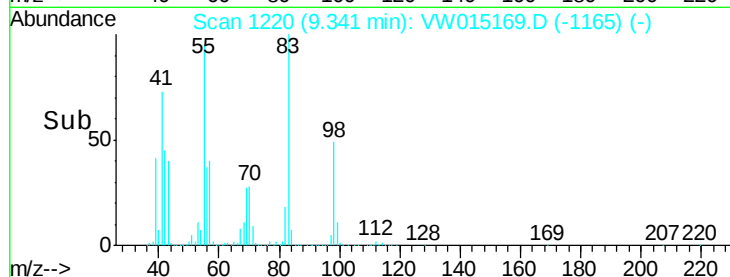
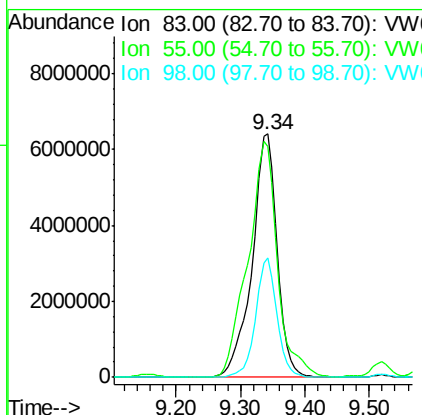
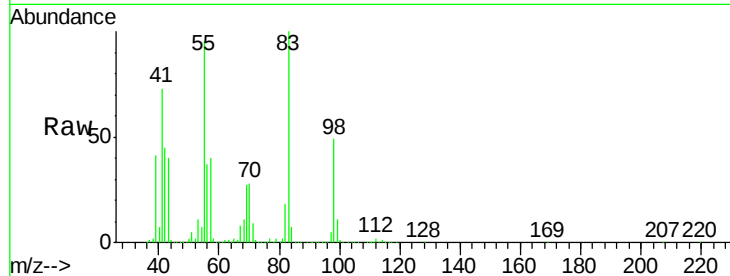
#36
Methylcyclohexane
Concen: 864.181 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW015169.D
Acq: 08 Apr 2020 14:26

Instrument :
MSVOA_W
ClientSampled :
BG2J0

Tot Ion: 83 Resp:16982606
Ion Ratio Lower Upper
83 100
55 114.8 73.4 110.2#
98 41.7 36.6 55.0

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#57
Isopropylbenzene
Concen: 418.269 ug/L m
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015169.D
Acq: 08 Apr 2020 14:26

Tgt Ion:105 Resp:19008362
Ion Ratio Lower Upper
105 100
120 33.0 20.0 30.0#
77 39.9 14.5 21.7#

