

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010193.D
 Acq On : 09 Apr 2019 00:10
 Operator : SY/MD
 Sample : K2254-05
 Misc : 4.51G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC26

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:32 AM

Quant Time: Apr 09 07:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	274582	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245572	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	71631	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	1.56	69	106384	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	2.11	63	103646	11.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.72%#
20) 2-Butanone-d5	3.94	46	45363	43.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.74%
24) Chloroform-d	4.40	84	142570	20.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	5.08	65	88336	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.28%
29) Benzene-d6	5.09	84	294379	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	6.11	67	90727	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.56%
37) Toluene-d8	7.36	98	274170	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	7.66	79	28745	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.56%
39) 2-Hexanone-d5	8.13	63	31709	42.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77476	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	83095	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

					Ovalue
13) Acetone	2.19	43	13660	13.208	ug/L 97
14) Carbon disulfide	2.31	76	4758	0.611	ug/L # 90
16) Methylene chloride	2.53	84	16314	3.382	ug/L 94
21) 2-Butanone	4.05	43	2614m	2.308	ug/L

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

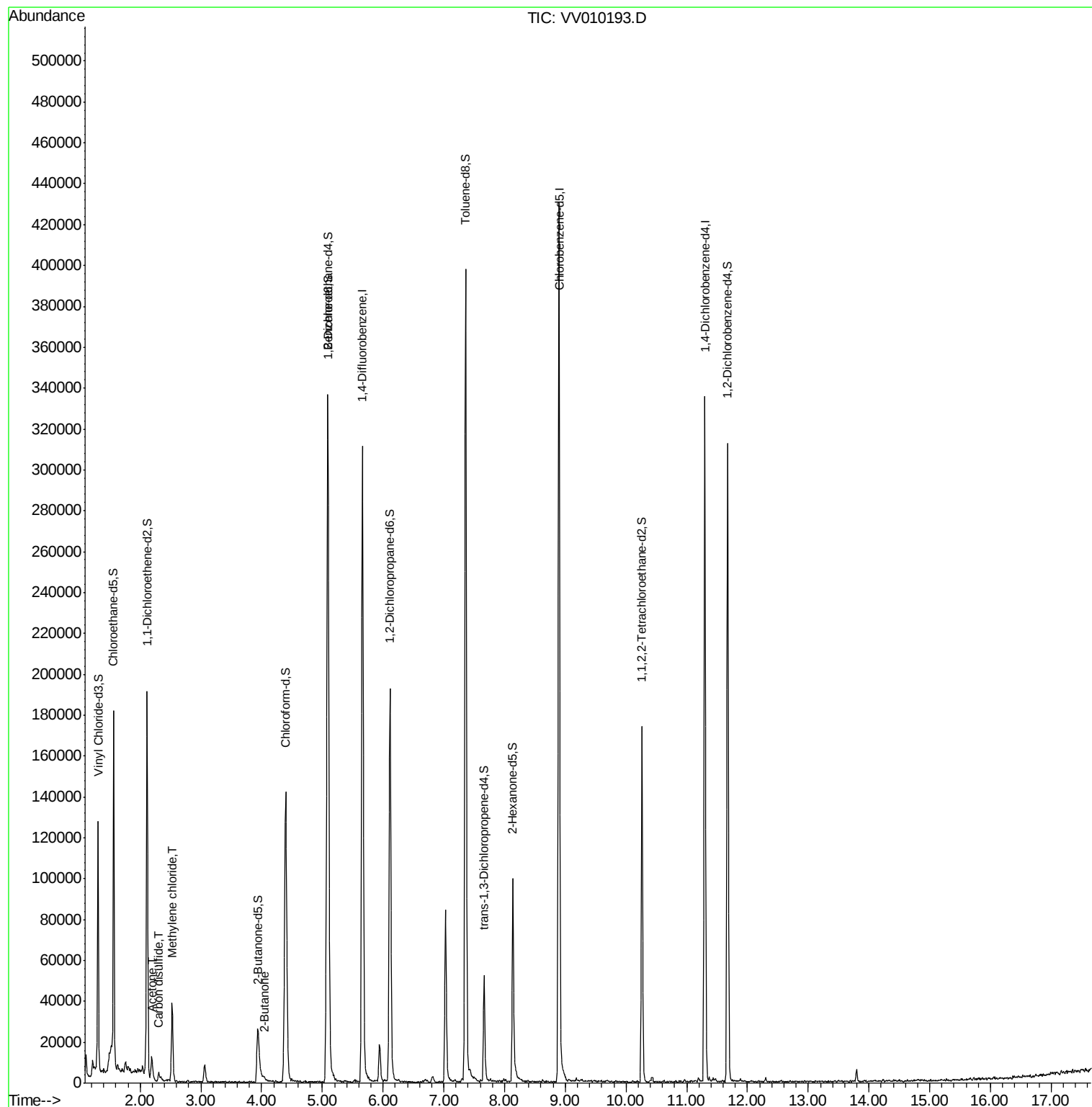
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
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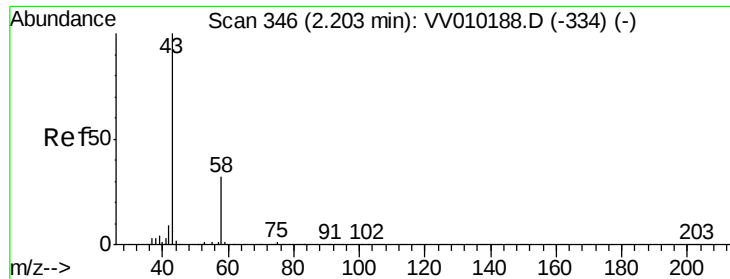
Instrument :
MSVOA_V
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QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.208 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010193.D

Acq: 09 Apr 2019 00:10

Instrument :

MSVOA_V

ClientSampleId :

BFC26

Tot Ion: 43 Resp: 13660

Ion Ratio Lower Upper

43 100

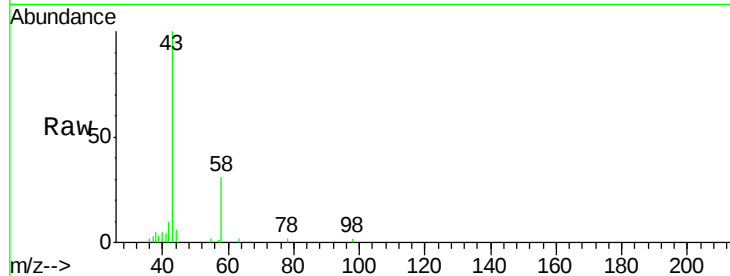
58 30.8 0.0 64.6

Manual Integrations

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4/15/2019 12:28:32 AM



Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)

2.19

8000

6000

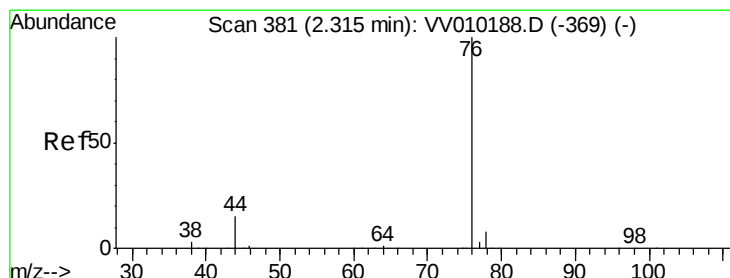
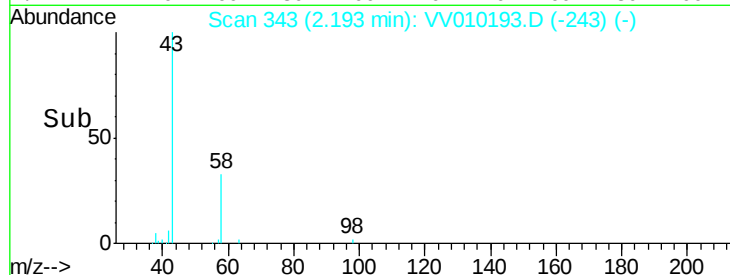
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.611 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010193.D

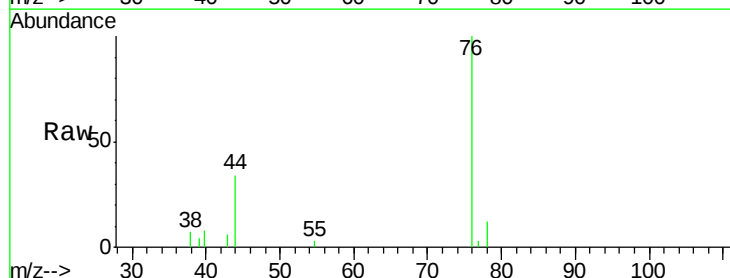
Acq: 09 Apr 2019 00:10

Tgt Ion: 76 Resp: 4758

Ion Ratio Lower Upper

76 100

78 12.4 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VV010188.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010188.D (-369) (-)

2.31

3000

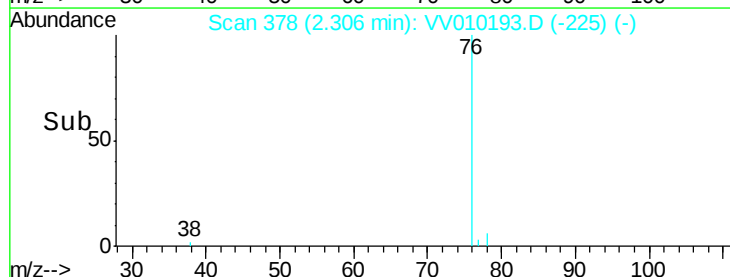
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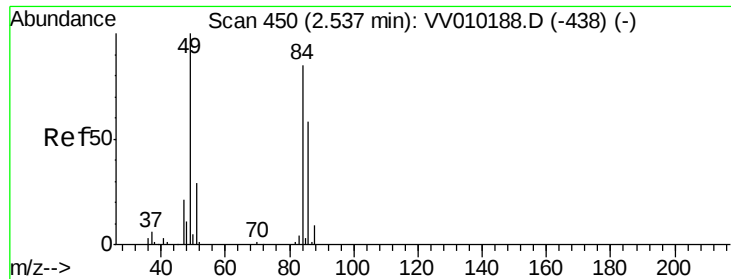
1000

0

Time-->

2.25 2.30 2.35





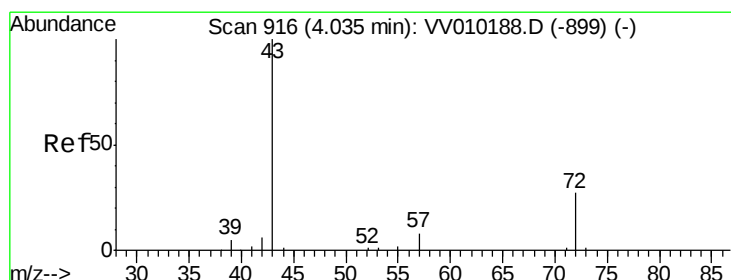
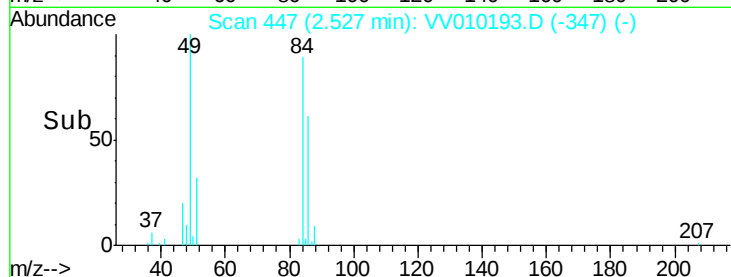
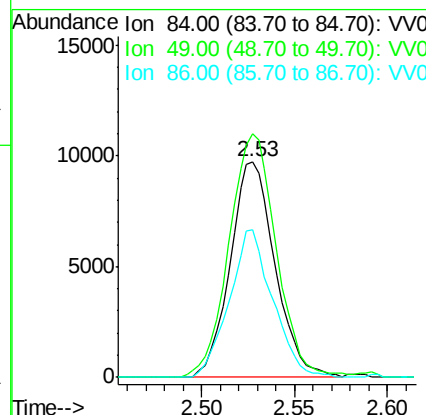
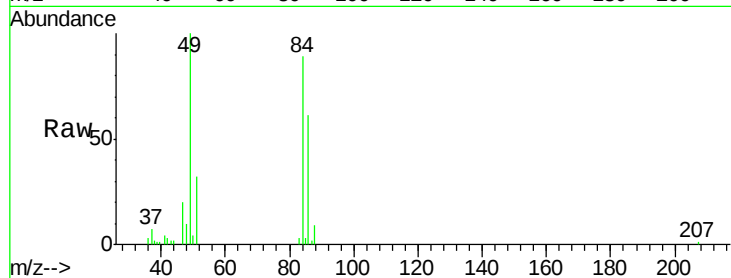
#16
Methvlene chloride
Concen: 3.382 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010193.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	112.9	84.3	156.5
86	68.4	45.4	84.2

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#21
2-Butanone
Concen: 2.308 ug/L m
RT: 4.05 min Scan# 919
Delta R.T. 0.01 min
Lab File: VV010193.D
Acq: 09 Apr 2019 00:10

Tgt Ion	Ratio	Lower	Upper
43	100		
72	4.4	12.8	38.4#

