

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000942.D
 Acq On : 13 Dec 2019 13:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Manual Integrations
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Quant Time: Dec 14 06:16:51 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M

Quant Title : VOC Analysis

QLast Update : Tue Nov 12 09:49:35 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	447595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	412154	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	189095	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	133118	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	2.76	69	131335	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
11) 1,1-Dichloroethene-d2	3.85	63	206763	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
21) 2-Butanone-d5	6.89	46	168570	56.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.62%
24) Chloroform-d	7.49	84	273345	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.14	65	161456	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.72%
32) Benzene-d6	8.11	84	612558	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	9.12	67	199046	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
41) Toluene-d8	10.17	98	543832	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	10.43	79	84770	23.12	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
47) 2-Hexanone-d5	10.78	63	130473	57.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.78%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	190794	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
66) 1,2-Dichlorobenzene-d4	13.72	152	183106	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds					Ovalue
13) Acetone	3.95	43	7920	2.773 ug/L	86
16) Methylene chloride	4.72	84	6823m	0.935 ug/L	
51) Chlorobenzene	11.51	112	8722	0.472 ug/L	97

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

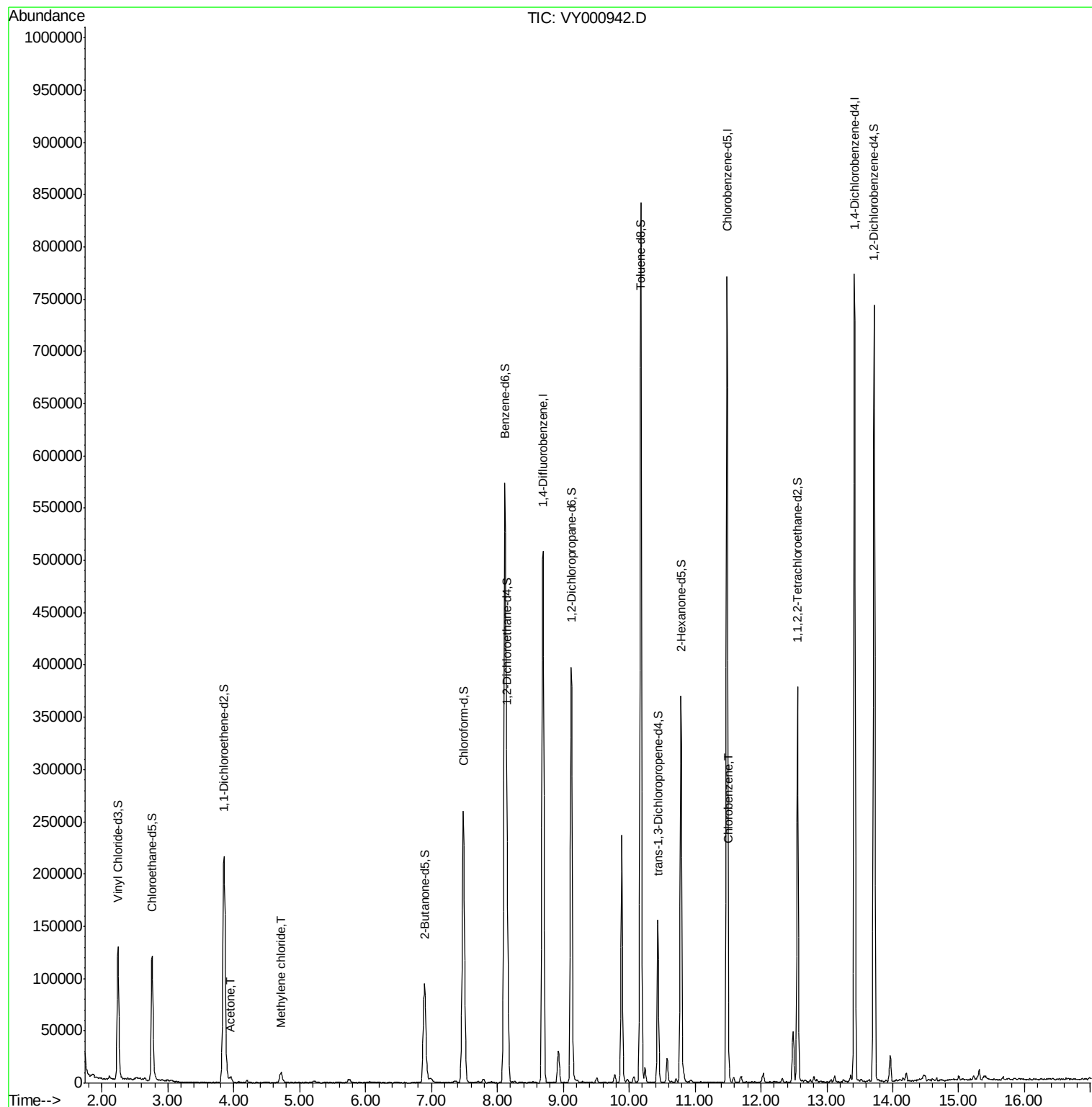
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
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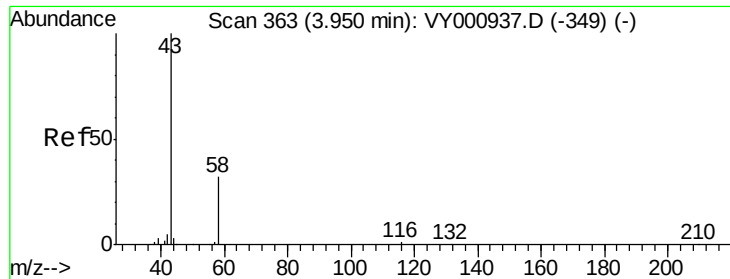
Instrument :
MSVOA_Y
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
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Response via : Initial Calibration





#13

Acetone

Concen: 2.773 ug/L

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000942.D

Acq: 13 Dec 2019 13:02

Instrument :

MSVOA_Y

ClientSampled :

VIBLK

Tot Ion: 43 Resp: 7920

Ion Ratio Lower Upper

43 100

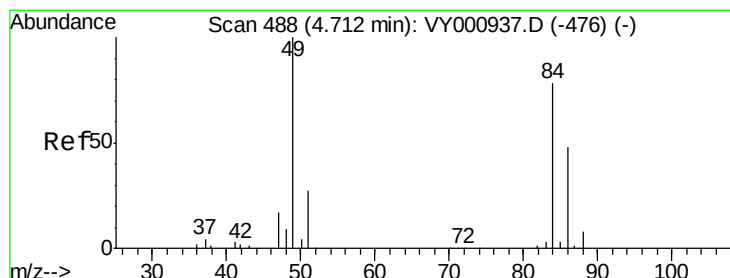
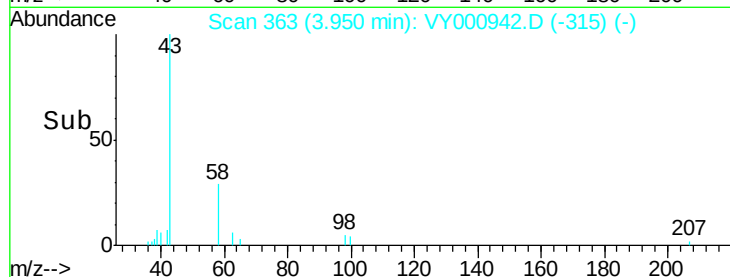
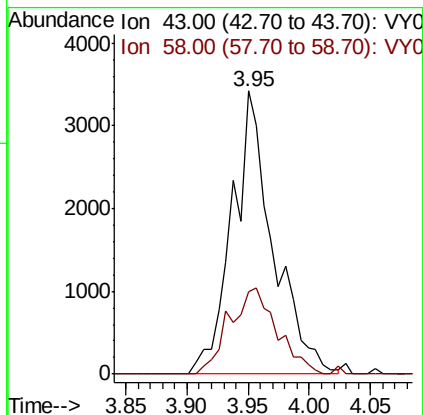
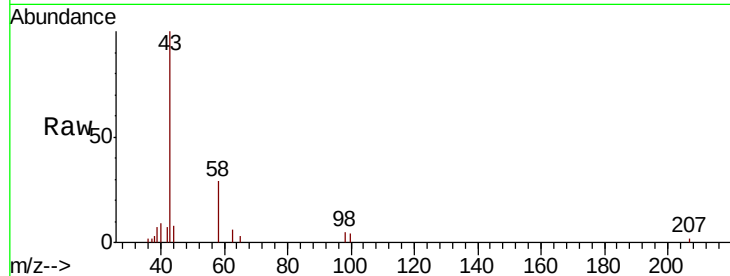
58 26.6 0.0 69.6

Manual Integrations

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#16

Methylene chloride

Concen: 0.935 ug/L m

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000942.D

Acq: 13 Dec 2019 13:02

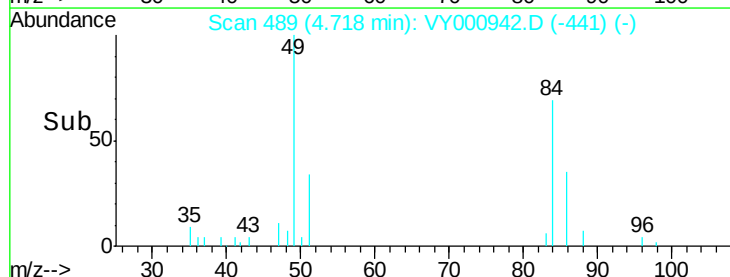
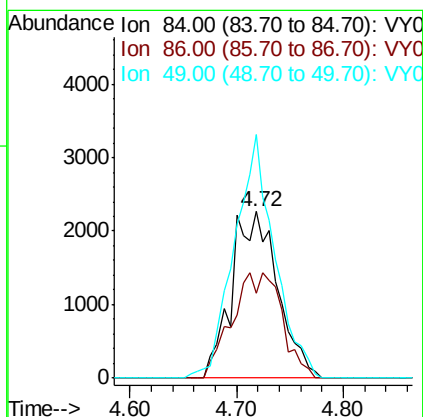
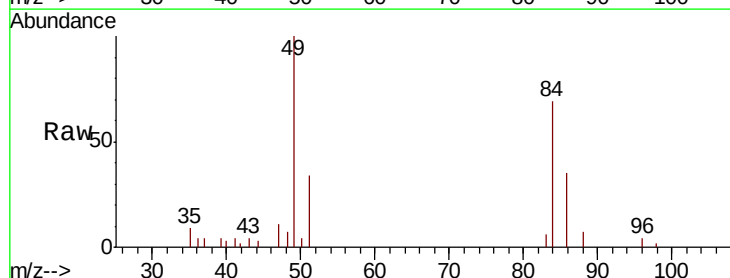
Tgt Ion: 84 Resp: 6823

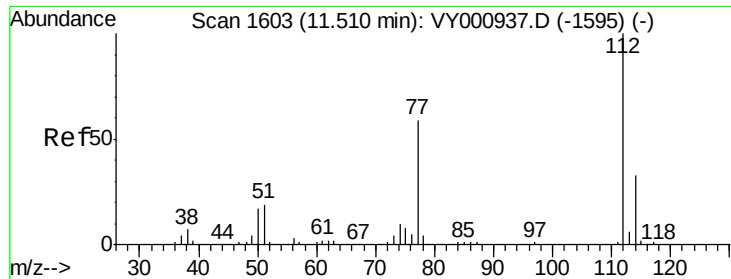
Ion Ratio Lower Upper

84 100

86 51.0 43.4 80.6

49 146.0 92.3 171.3





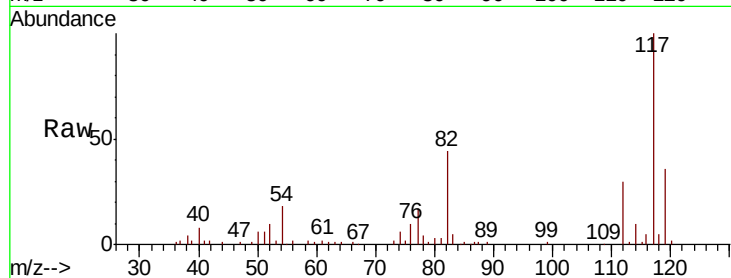
#51
 Chlorobenzene
 Concen: 0.472 ug/L
 RT: 11.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: VY000942.D
 Acq: 13 Dec 2019 13:02

Instrument :
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Tot Ion:	112	Resp:	8722
Ion Ratio	Lower	Upper	
112	100		
114	35.1	22.1	41.1
77	57.3	45.3	67.9

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Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): VY0

