

Data File : VV013025.D
Acq On : 02 Oct 2019 10:27
Operator : SY/MD
Sample : VV1002SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK69

Quant Time: Oct 03 03:58:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	694840	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	693315	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	330769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221960	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.32%
7) Chloroethane-d5	1.58	69	196340	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.13	63	300299	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
21) 2-Butanone-d5	3.95	46	183374	52.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.50%
24) Chloroform-d	4.40	84	429125	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.08	65	257768	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
32) Benzene-d6	5.10	84	895627	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
36) 1,2-Dichloropropane-d6	6.12	67	284022	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.36	98	792361	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
43) trans-1,3-Dichloropropene-	7.66	79	114319	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.88%
47) 2-Hexanone-d5	8.13	63	124335	49.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.38%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	266606	23.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.12%
66) 1,2-Dichlorobenzene-d4	11.67	152	323202	25.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.36%

Target Compounds

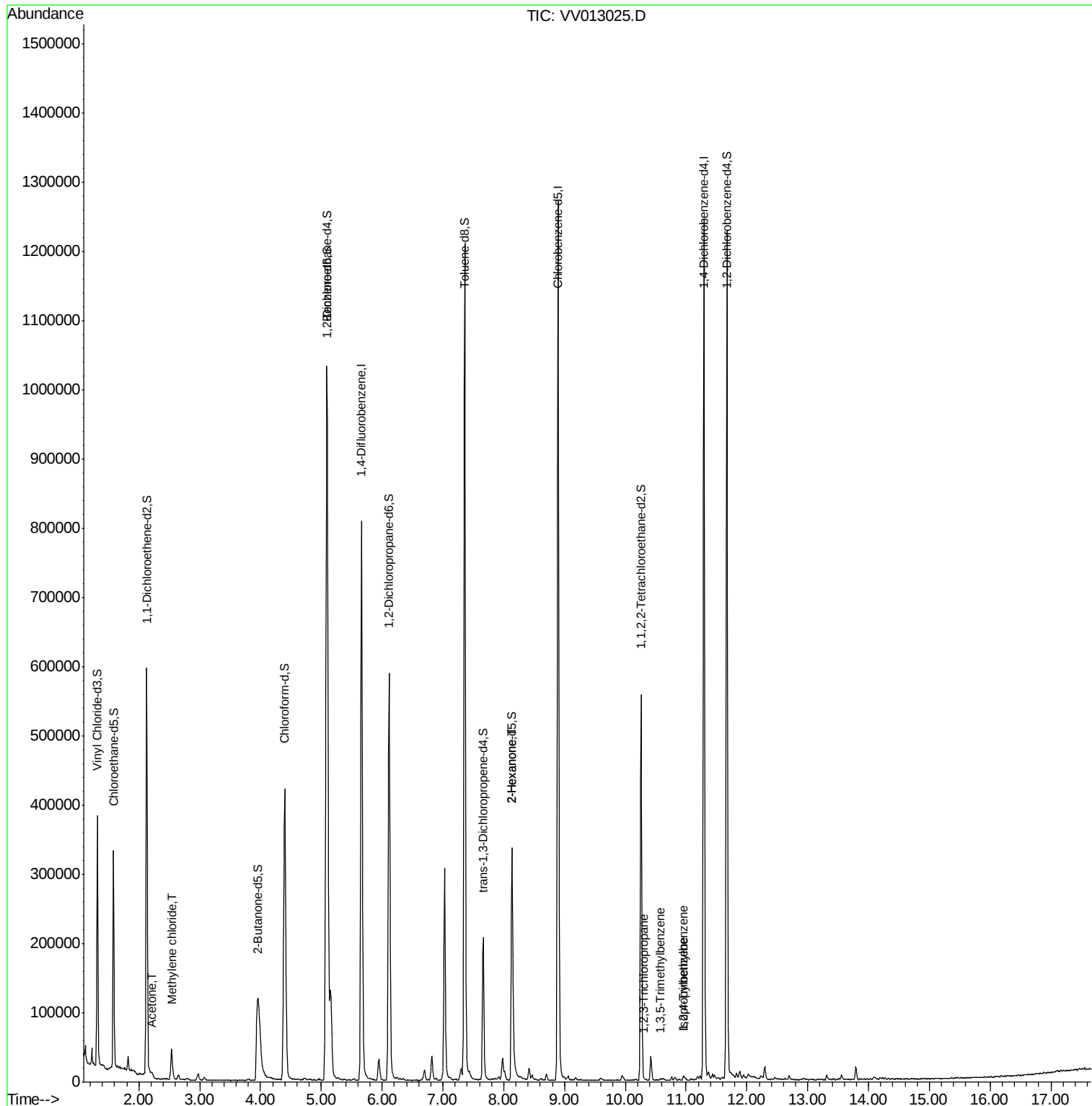
					Qvalue
13) Acetone	2.22	43	9263	2.504 ug/L	91
16) Methylene chloride	2.54	84	16238	1.427 ug/L	99
48) 2-Hexanone	8.13	43	15354	2.594 ug/L #	53
60) Isopropylbenzene	10.96	105	1987	0.050 ug/L	94
61) 1,2,3-Trichloropropane	10.31	75	323	0.043 ug/L #	90
62) 1,3,5-Trimethylbenzene	10.59	105	1599	0.050 ug/L #	84
63) 1,2,4-Trimethylbenzene	10.96	105	1987	0.062 ug/L #	77

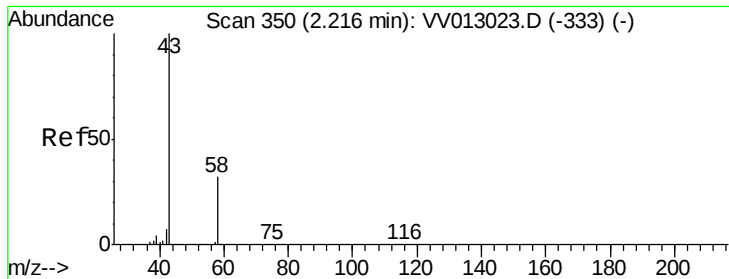
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.504 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV013025.D

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Instrument :

MSVOA_V

ClientSampleId :

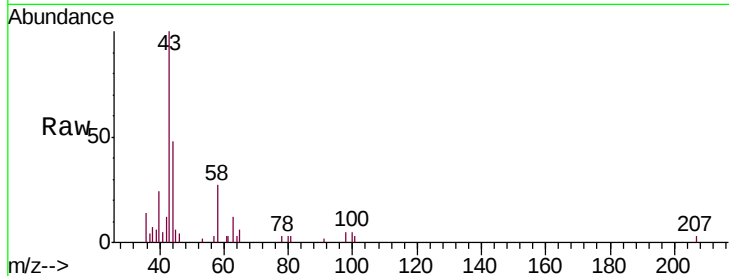
VBLK69

Tgt Ion: 43 Resp: 9263

Ion Ratio Lower Upper

43 100

58 27.5 0.0 65.2

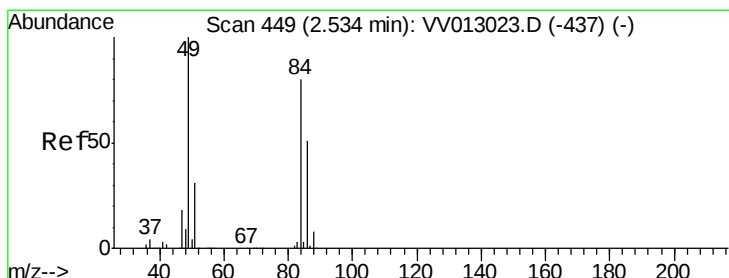
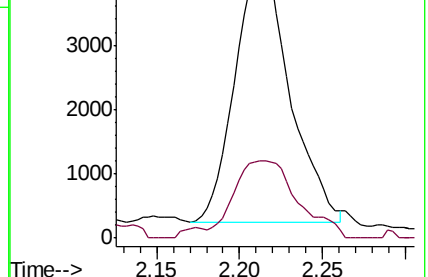
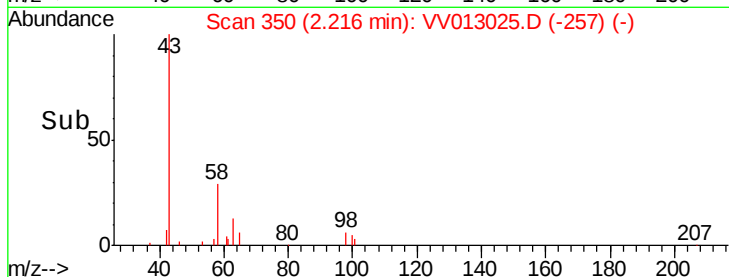


Abundance Ion 43.00 (42.70 to 43.70): VV013023.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013023.D (-333) (-)

2.22

Time-->



#16

Methylene chloride

Concen: 1.427 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013025.D

Acq: 02 Oct 2019 10:27

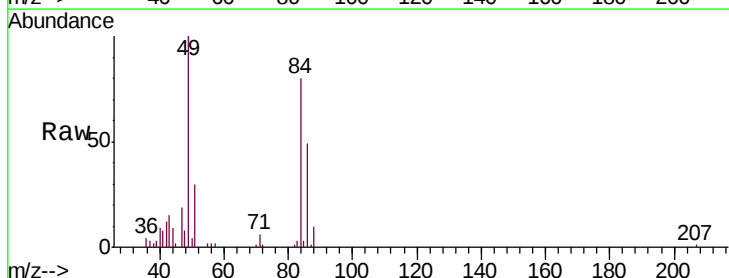
Tgt Ion: 84 Resp: 16238

Ion Ratio Lower Upper

84 100

86 61.7 44.5 82.7

49 124.7 87.5 162.5



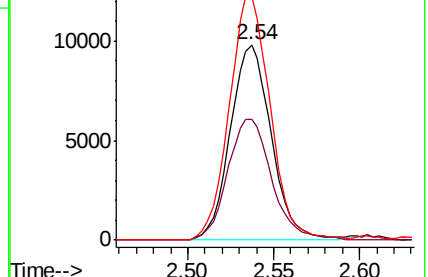
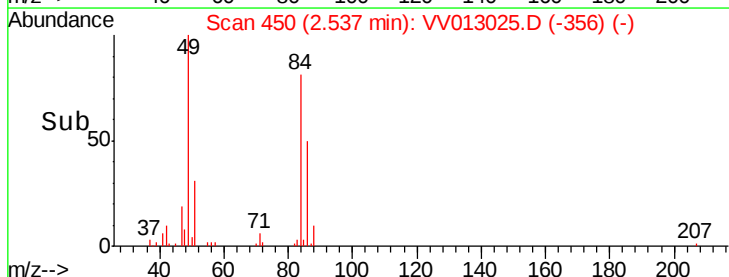
Abundance Ion 84.00 (83.70 to 84.70): VV013023.D (-437) (-)

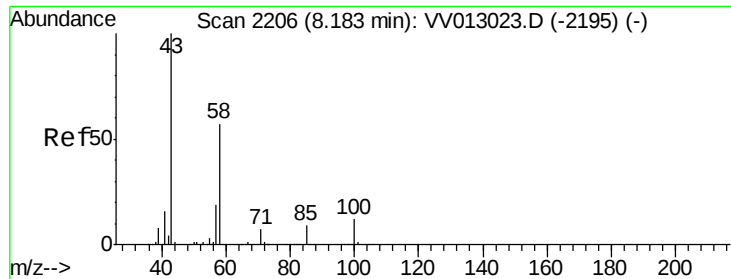
Ion 86.00 (85.70 to 86.70): VV013023.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV013023.D (-437) (-)

2.54

Time-->

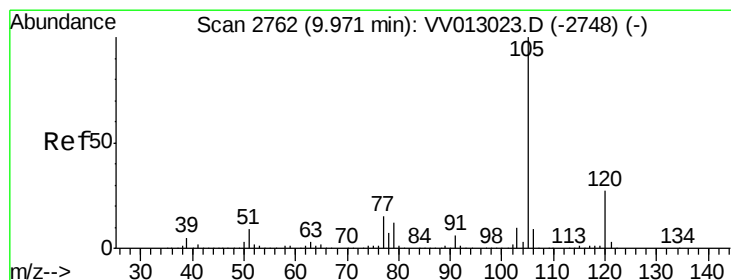
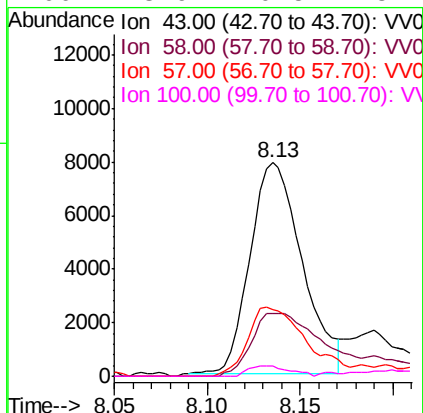
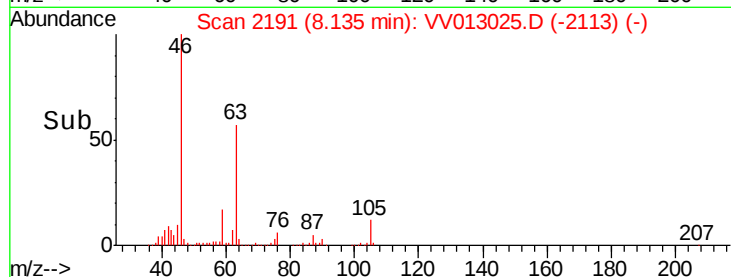
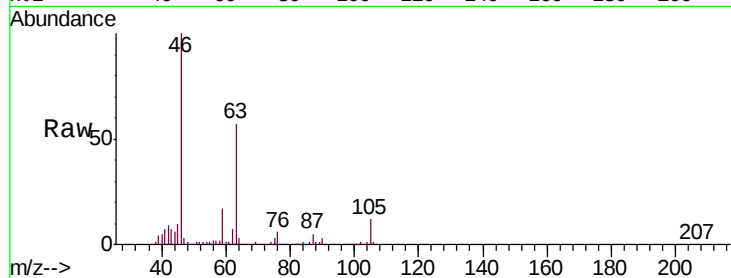




#48
2-Hexanone
Concen: 2.594 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013025.D
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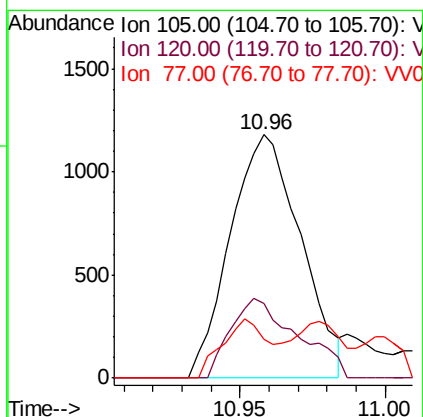
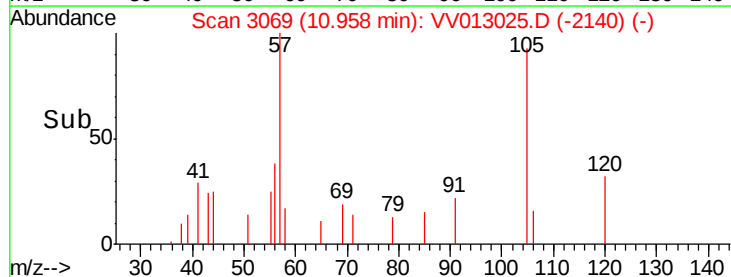
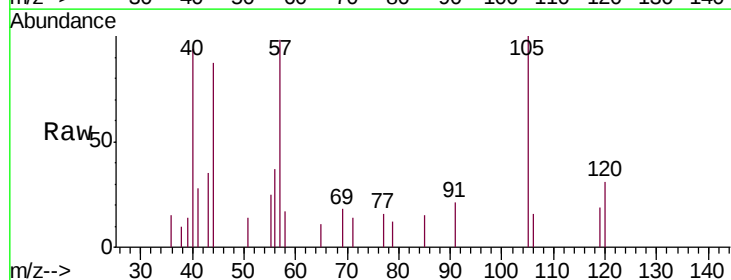
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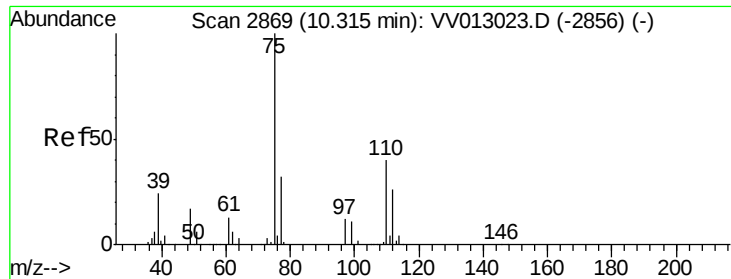
Tgt Ion: 43 Resp: 15354
Ion Ratio Lower Upper
43 100
58 13.4 44.9 67.3#
57 33.0 15.2 22.8#
100 3.9 10.5 15.7#



#60
Isopropylbenzene
Concen: 0.050 ug/L
RT: 10.96 min Scan# 3069
Delta R.T. 0.99 min
Lab File: VV013025.D
Acq: 02 Oct 2019 10:27

Tgt Ion: 105 Resp: 1987
Ion Ratio Lower Upper
105 100
120 31.3 21.1 31.7
77 14.9 12.3 18.5

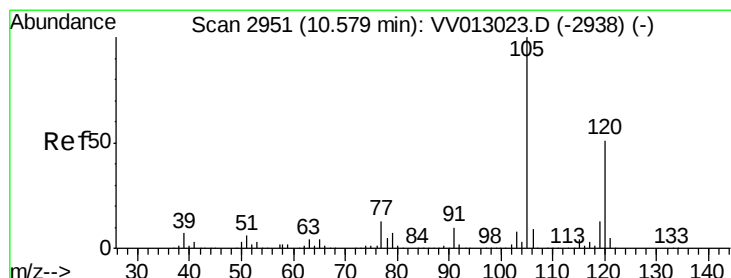
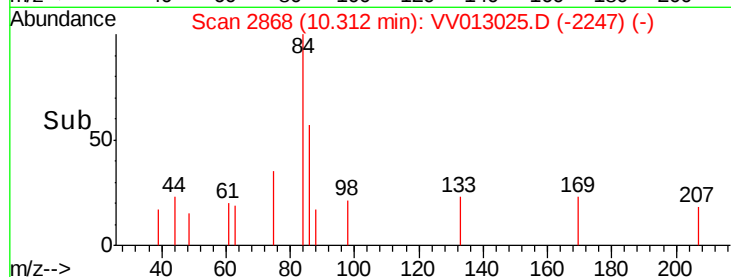
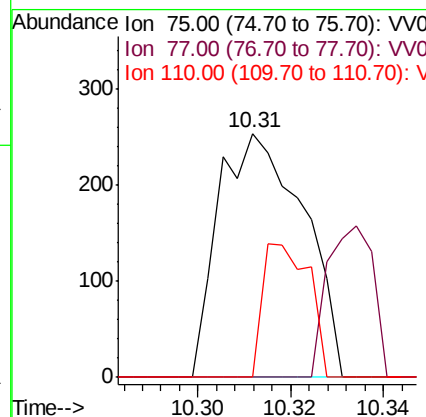
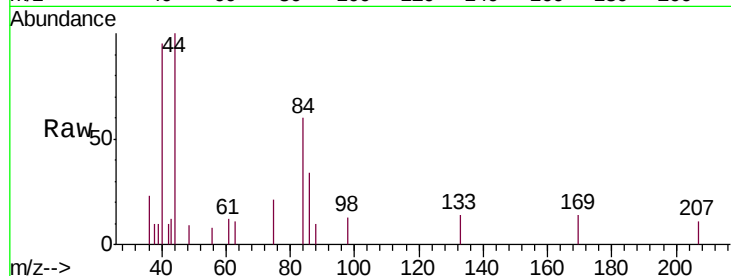




#61
 1,2,3-Trichloropropane
 Concen: 0.043 ug/L
 RT: 10.31 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VV013025.D
 Acq: 02 Oct 2019 10:27

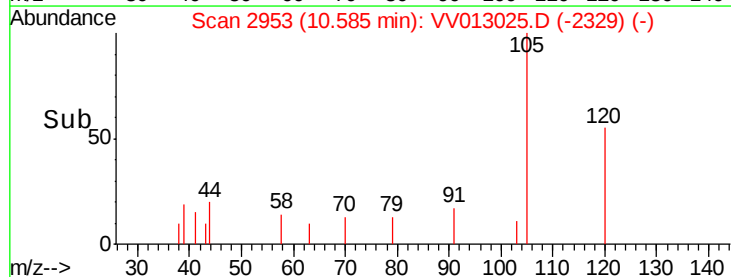
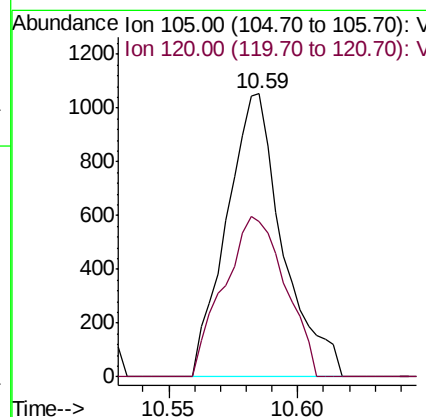
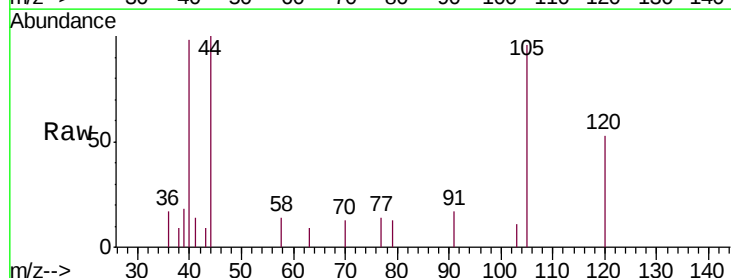
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 MSVOA_V
 ClientSampleId :
 VBLK69

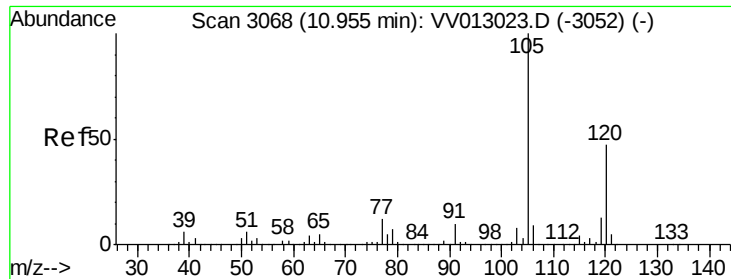
Tgt Ion: 75 Resp: 323
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2
 110 30.0 31.7 47.5#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.050 ug/L
 RT: 10.59 min Scan# 2953
 Delta R.T. 0.01 min
 Lab File: VV013025.D
 Acq: 02 Oct 2019 10:27

Tgt Ion: 105 Resp: 1599
 Ion Ratio Lower Upper
 105 100
 120 61.7 40.6 61.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.062 ug/L
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV013025.D
 Acq: 02 Oct 2019 10:27

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Tgt Ion:105 Resp: 1987
 Ion Ratio Lower Upper
 105 100
 120 31.3 37.1 55.7#

