

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010269.D
 Acq On : 12 Apr 2019 04:05
 Operator : SY/MD
 Sample : K2328-01
 Misc : 5.57G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB702

Quant Time: Apr 12 04:49:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	36472	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	9296	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6472	15.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.68%
7) Chloroethane-d5	1.58	69	7419	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	2.13	63	10691	10.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.00%#
20) 2-Butanone-d5	3.94	46	7292	68.63	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.26%#
24) Chloroform-d	4.40	84	21171	25.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.08	65	13408	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.04%
29) Benzene-d6	5.10	84	39590	26.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.48%
33) 1,2-Dichloropropane-d6	6.12	67	12695	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.80%
37) Toluene-d8	7.36	98	30862	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.12%
38) trans-1,3-Dichloropropene-	7.67	79	4083	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	8.14	63	2147	28.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	10834	27.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	8204	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

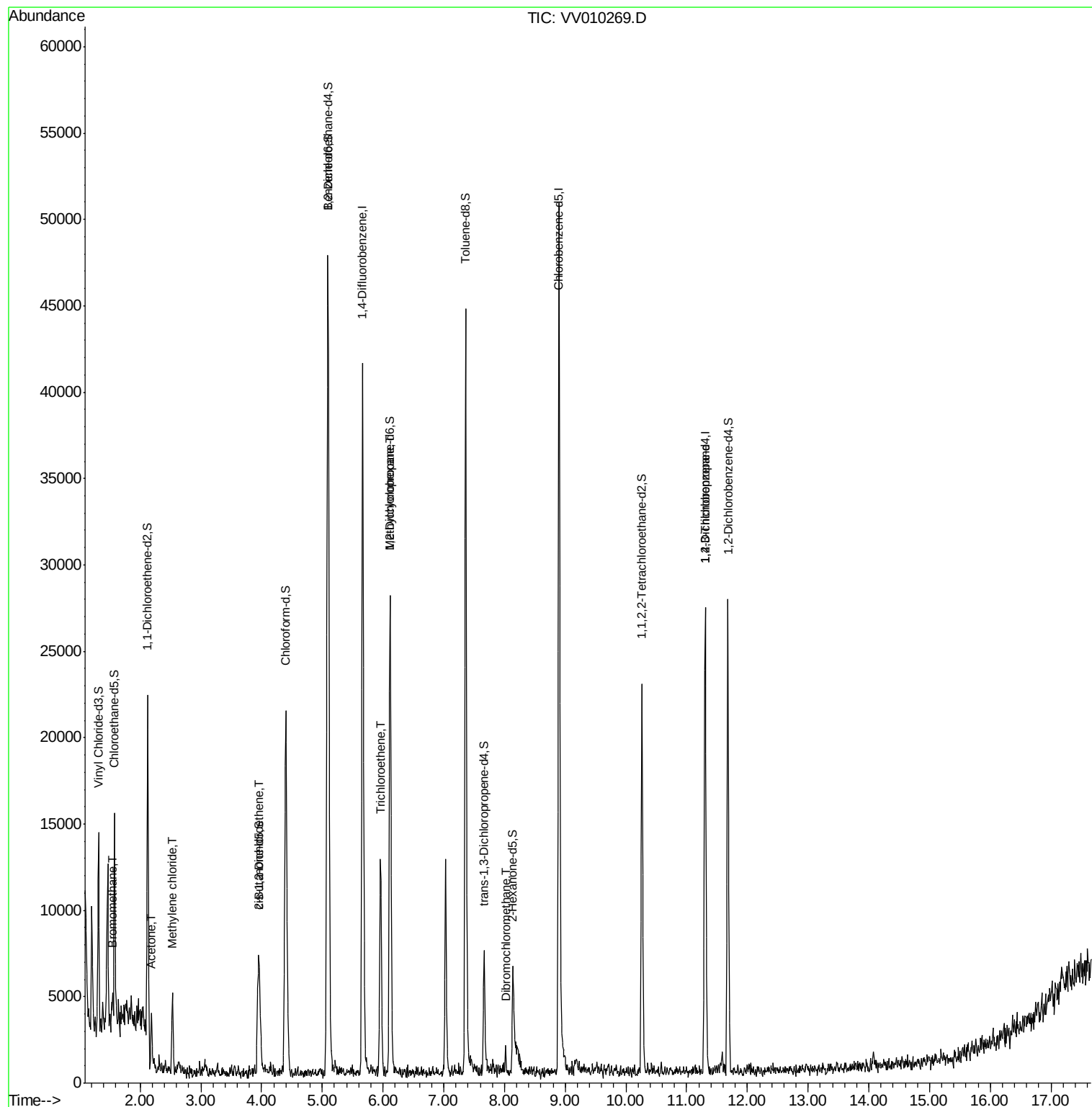
					Qvalue
6) Bromomethane	1.54	94	422	1.010 ug/L	97
13) Acetone	2.19	43	2760	24.313 ug/L	97
16) Methylene chloride	2.53	84	1621	2.269 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	1244	2.501 ug/L	93
35) Trichloroethene	5.96	95	3917	8.671 ug/L	97
36) Methylcyclohexane	6.11	83	1619	2.398 ug/L #	29
50) Dibromochloromethane	8.02	129	361	0.909 ug/L #	12
59) 1,2,3-Trichloropropane	11.31	75	1115	3.777 ug/L	89

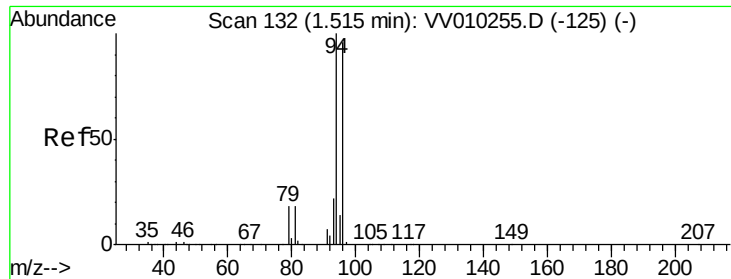
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010269.D
Acq On : 12 Apr 2019 04:05
Operator : SY/MD
Sample : K2328-01
Misc : 5.57G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB702

Quant Time: Apr 12 04:49:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.010 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.02 min

Lab File: VV010269.D

Acq: 12 Apr 2019 04:05

Instrument :

MSVOA_V

ClientSampled :

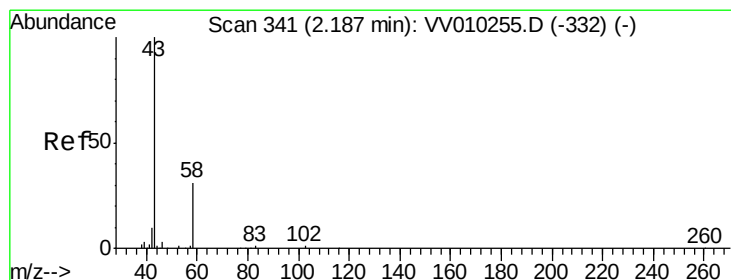
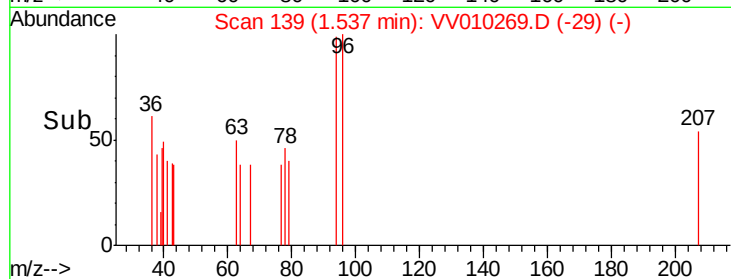
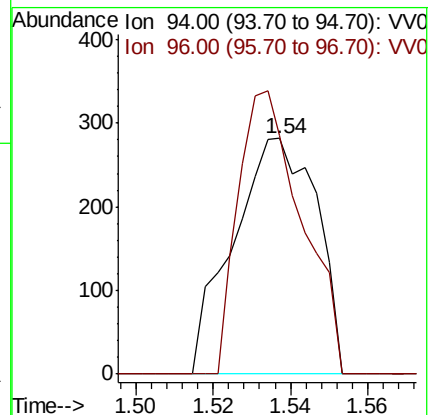
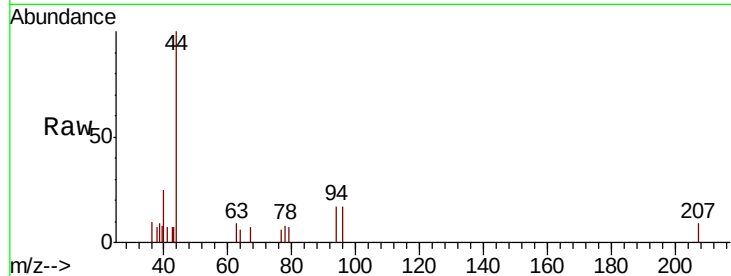
DB702

Tgt Ion: 94 Resp: 422

Ion Ratio Lower Upper

94 100

96 91.2 9.4 179.0



#13

Acetone

Concen: 24.313 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010269.D

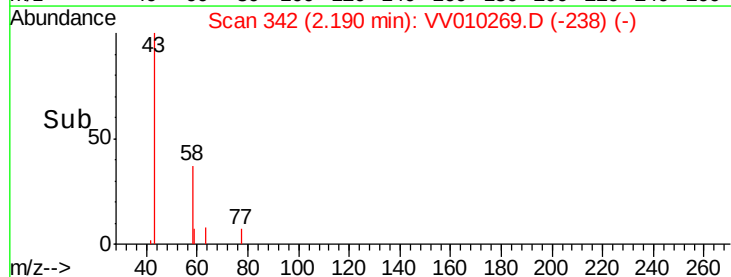
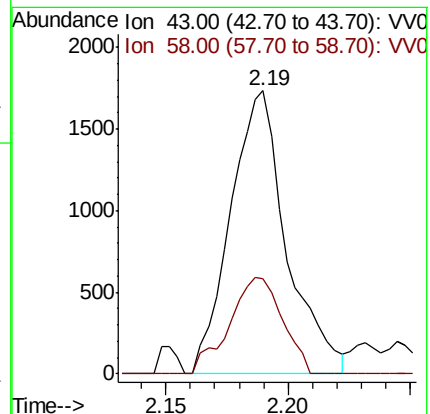
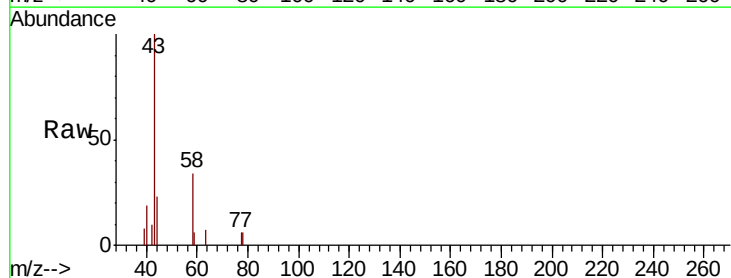
Acq: 12 Apr 2019 04:05

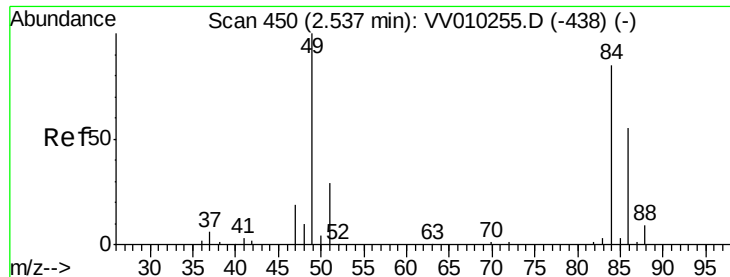
Tgt Ion: 43 Resp: 2760

Ion Ratio Lower Upper

43 100

58 29.2 0.0 61.6

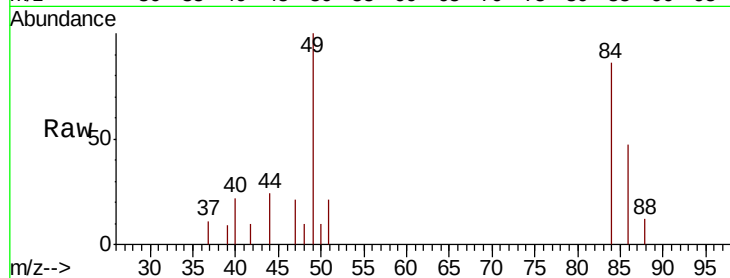




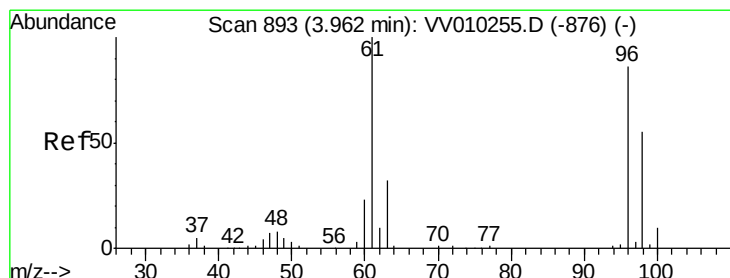
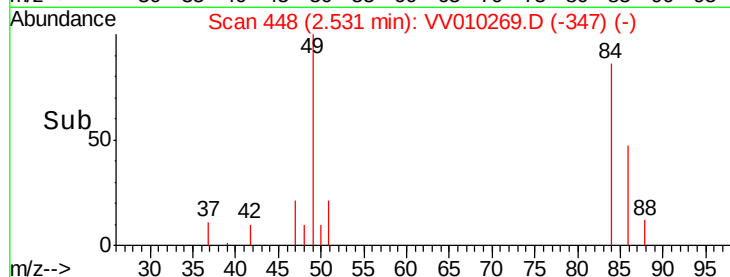
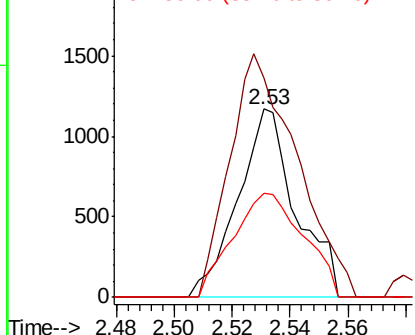
#16
Methylene chloride
Concen: 2.269 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Instrument :
MSVOA_V
ClientSampled :
DB702

Tgt Ion: 84 Resp: 1621
Ion Ratio Lower Upper
84 100
49 116.7 79.9 148.5
86 55.1 44.5 82.7

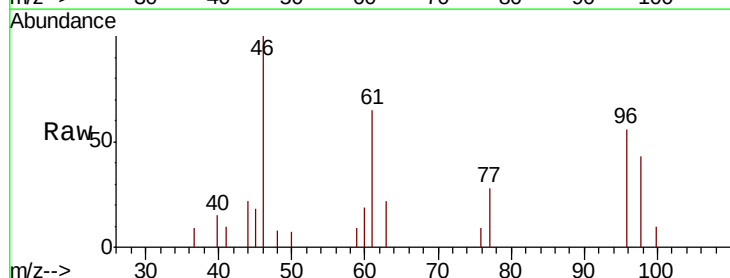


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

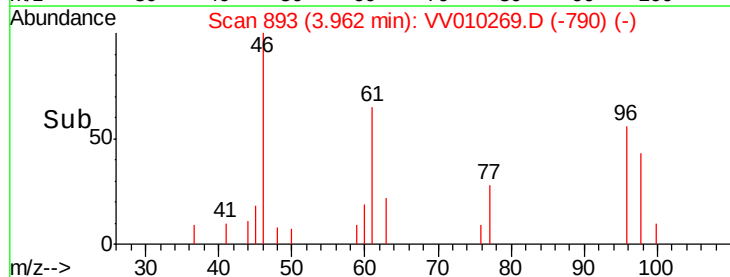
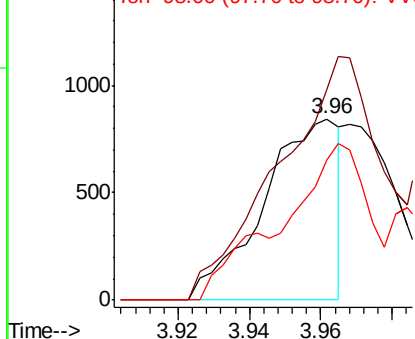


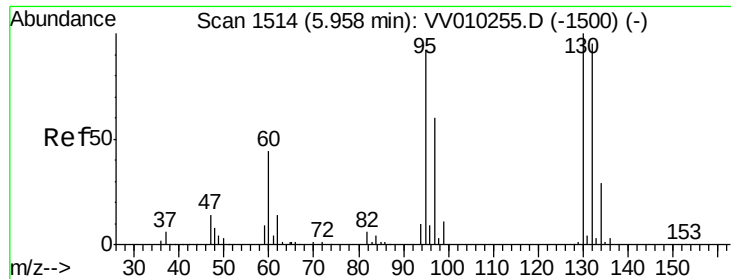
#22
cis-1,2-Dichloroethene
Concen: 2.501 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Tgt Ion: 96 Resp: 1244
Ion Ratio Lower Upper
96 100
61 116.0 84.9 157.7
98 76.9 47.0 87.4



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#35

Trichloroethene

Concen: 8.671 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010269.D

Acq: 12 Apr 2019 04:05

Instrument :

MSVOA_V

ClientSampleId :

DB702

Tgt Ion: 95 Resp: 3917

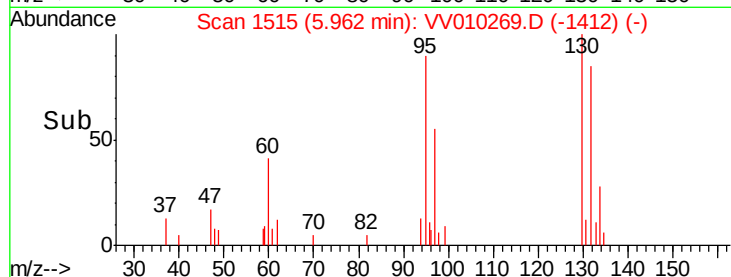
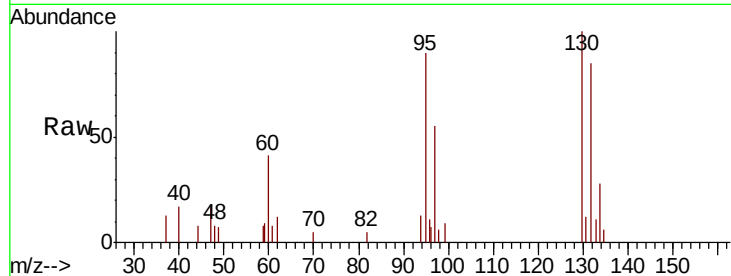
Ion Ratio Lower Upper

95 100

97 57.2 44.3 82.3

132 104.3 71.3 132.3

130 105.6 73.4 136.4

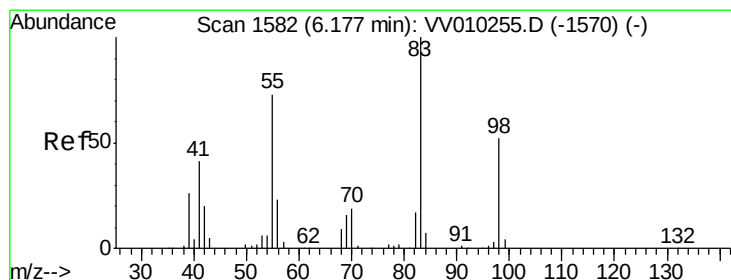
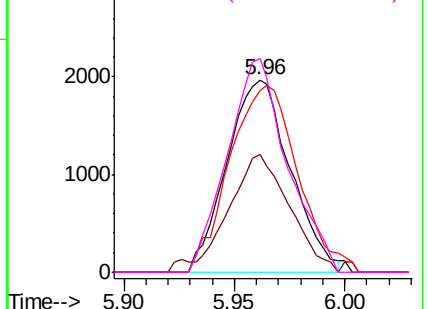


Abundance Ion 95.00 (94.70 to 95.70): VV010269.D (-1412) (-)

Ion 97.00 (96.70 to 97.70): VV010269.D (-1412) (-)

Ion 132.00 (131.70 to 132.70): VV010269.D (-1412) (-)

Ion 130.00 (129.70 to 130.70): VV010269.D (-1412) (-)



#36

Methylcyclohexane

Concen: 2.398 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.07 min

Lab File: VV010269.D

Acq: 12 Apr 2019 04:05

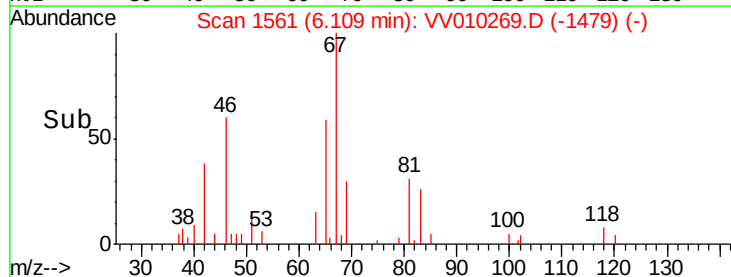
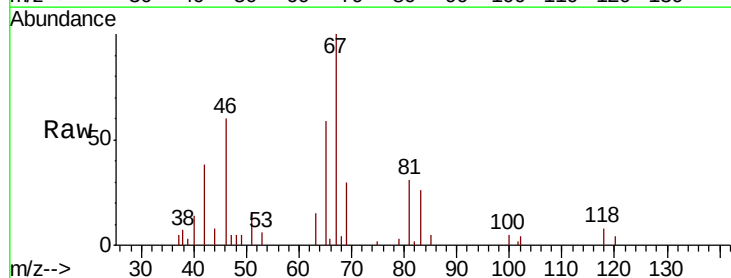
Tgt Ion: 83 Resp: 1619

Ion Ratio Lower Upper

83 100

55 0.0 55.7 83.5#

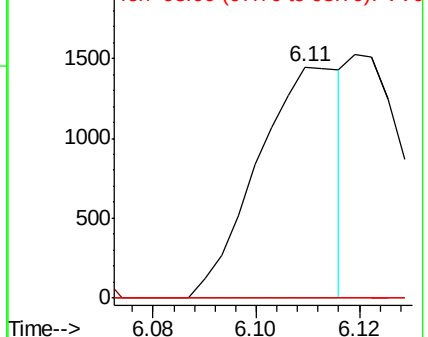
98 14.0 39.4 59.2#

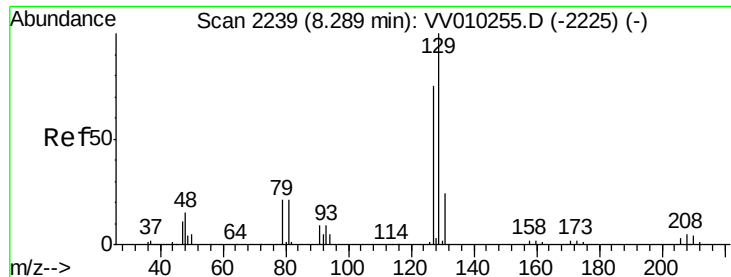


Abundance Ion 83.00 (82.70 to 83.70): VV010269.D (-1479) (-)

Ion 55.00 (54.70 to 55.70): VV010269.D (-1479) (-)

Ion 98.00 (97.70 to 98.70): VV010269.D (-1479) (-)





#50

Dibromochloromethane

Concen: 0.909 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010269.D

Acq: 12 Apr 2019 04:05

Instrument :

MSVOA_V

ClientSampled :

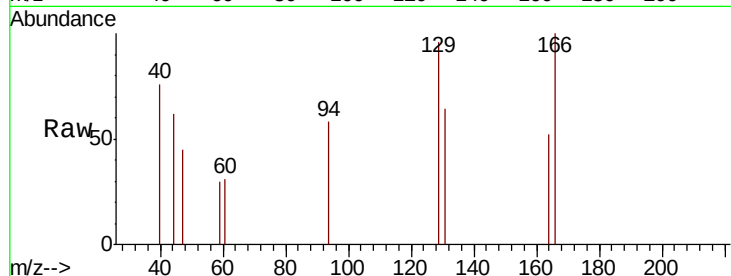
DB702

Tgt Ion:129 Resp: 361

Ion Ratio Lower Upper

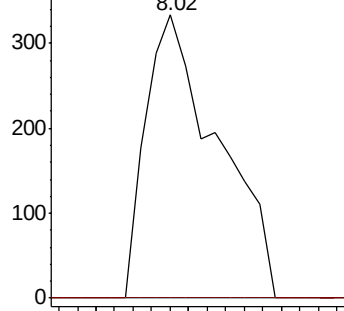
129 100

127 0.0 52.8 98.2#

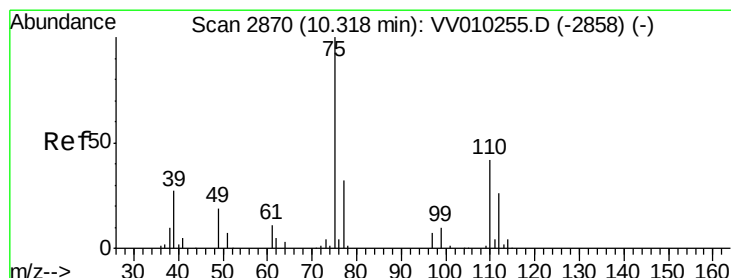
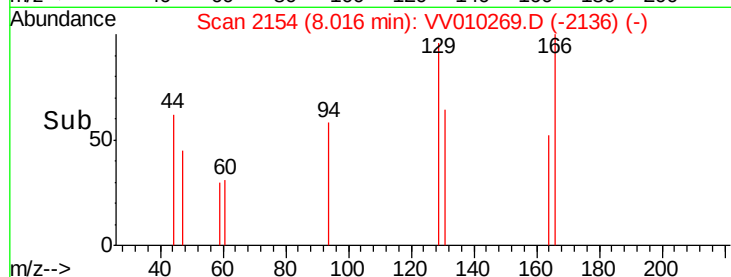


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 3.777 ug/L

RT: 11.31 min Scan# 3178

Delta R.T. 0.99 min

Lab File: VV010269.D

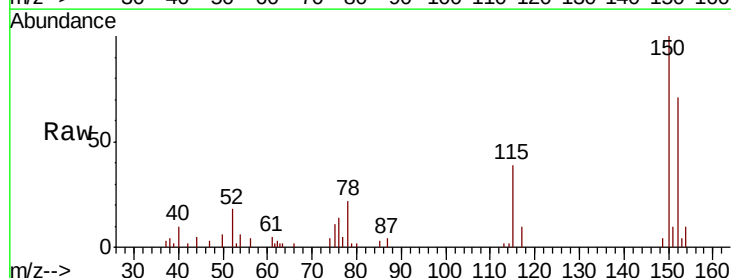
Acq: 12 Apr 2019 04:05

Tgt Ion: 75 Resp: 1115

Ion Ratio Lower Upper

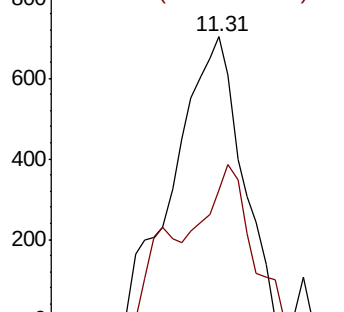
75 100

77 27.3 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->

