

Data File : VV012523.D
Acq On : 02 Sep 2019 12:39
Operator : SY/MD
Sample : VV0902WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK46

Quant Time: Sep 03 05:46:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169304	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	163128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77554	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	73330	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	123136	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.97	46	139294	44.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.92%
24) Chloroform-d	4.40	84	110696	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	61431	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	215076	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	69184	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	186254	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	22688	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	82142	41.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43556	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	60571	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

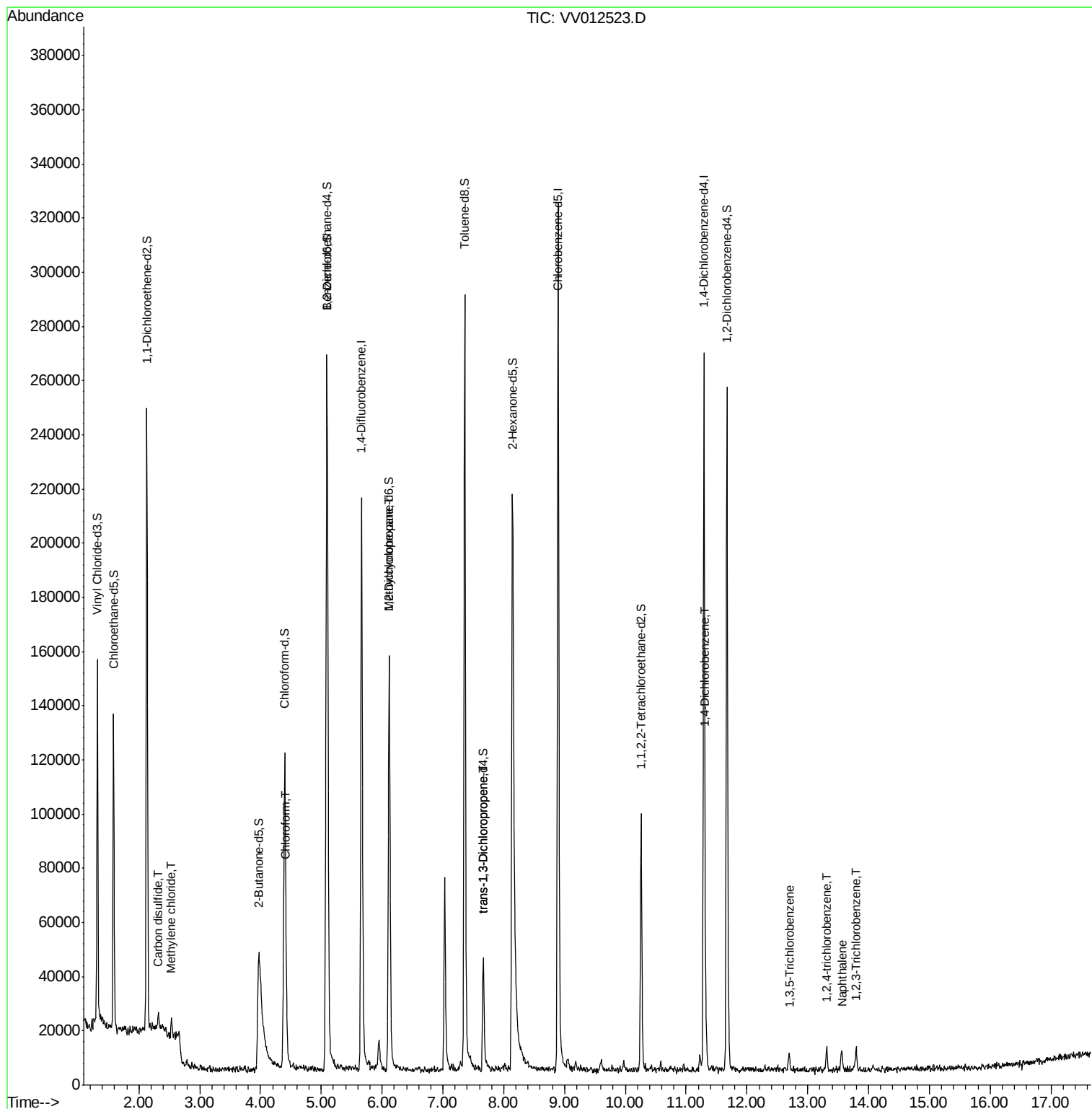
					Qvalue
14) Carbon disulfide	2.32	76	4376	0.062 ug/L #	71
16) Methylene chloride	2.53	84	2761	0.110 ug/L	82
25) Chloroform	4.43	83	5343	0.151 ug/L	99
35) Methylcyclohexane	6.12	83	16317	0.578 ug/L #	20
44) trans-1,3-Dichloropropene	7.66	75	1714	0.093 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	2533	0.085 ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	1579	0.074 ug/L #	83
68) 1,2,4-Trichlorobenzene	13.31	180	2228	0.145 ug/L #	95
69) Naphthalene	13.56	128	5663	0.249 ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	1882	0.135 ug/L #	85

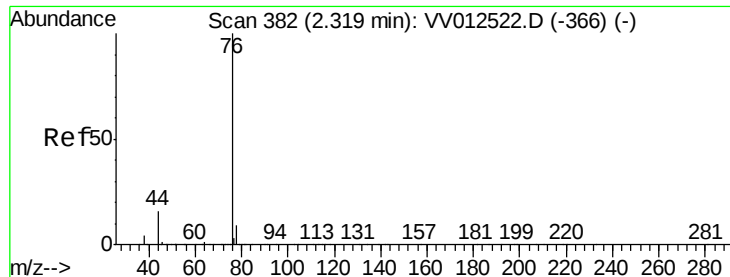
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 02 Sep 2019 12:39

Instrument :

MSVOA_V

ClientSampleId :

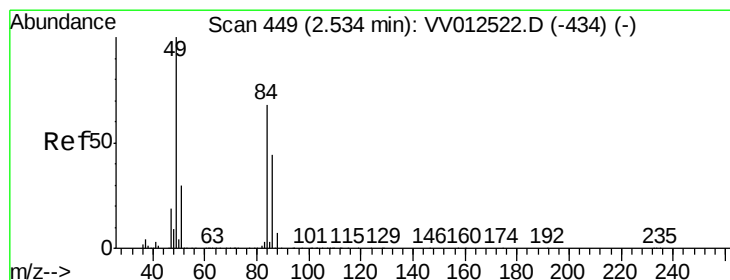
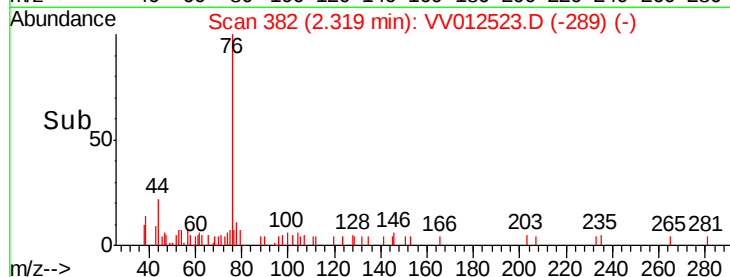
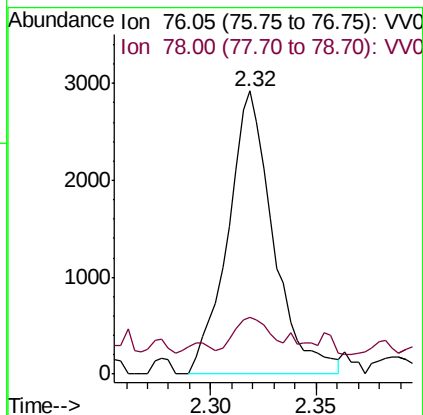
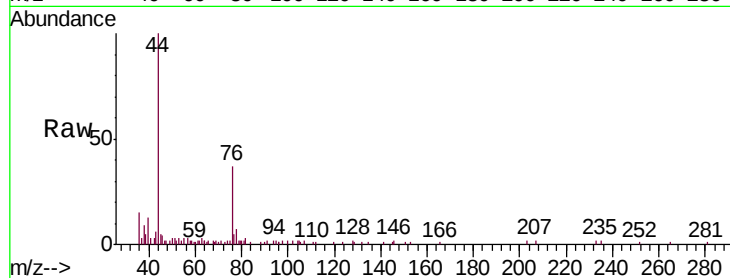
VBLK46

Tgt Ion: 76 Resp: 4376

Ion Ratio Lower Upper

76 100

78 19.8 7.4 11.0#



#16

Methylene chloride

Concen: 0.110 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012523.D

Acq: 02 Sep 2019 12:39

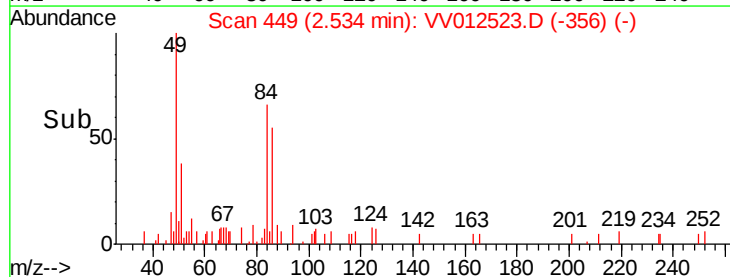
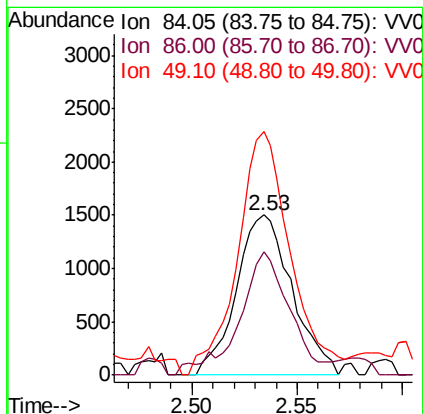
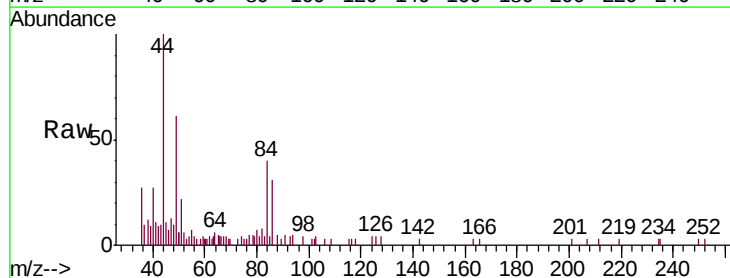
Tgt Ion: 84 Resp: 2761

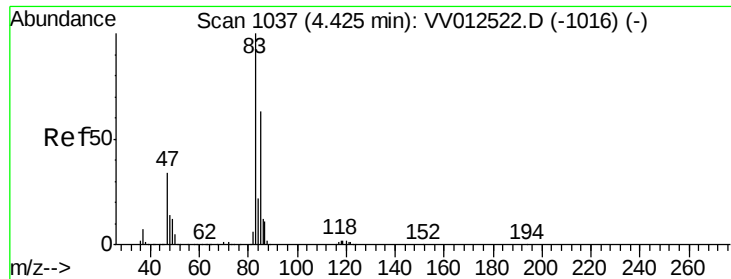
Ion Ratio Lower Upper

84 100

86 76.6 45.2 84.0

49 166.9 100.4 186.4

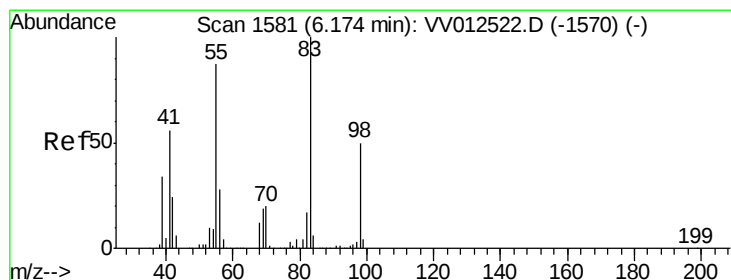
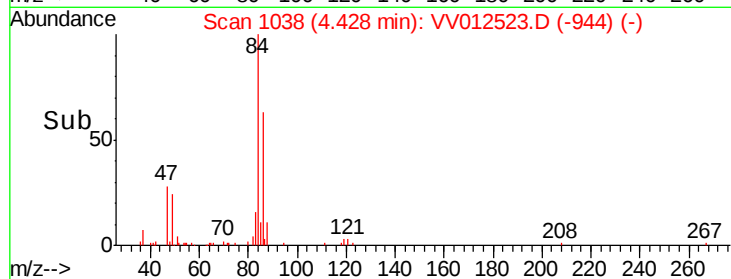
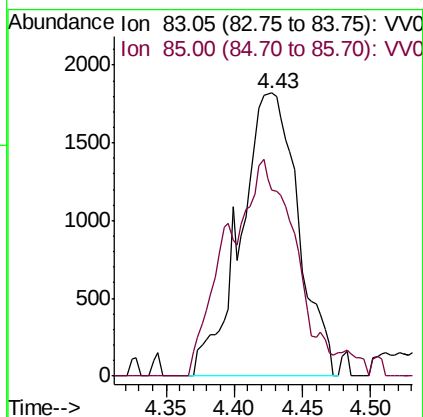
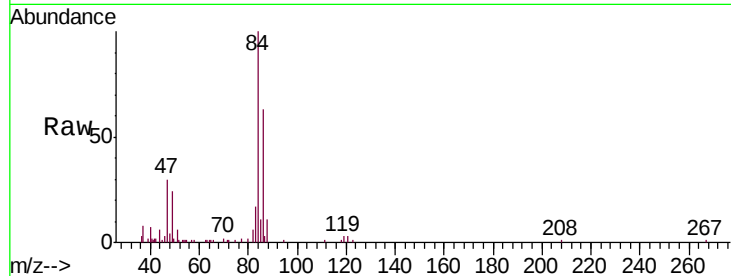




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012523.D
Acq: 02 Sep 2019 12:39

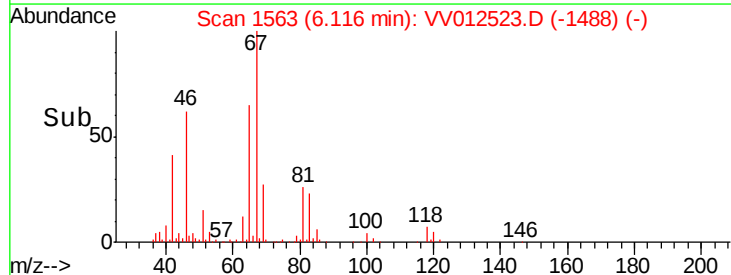
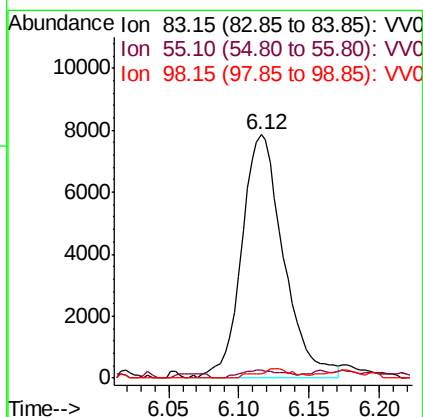
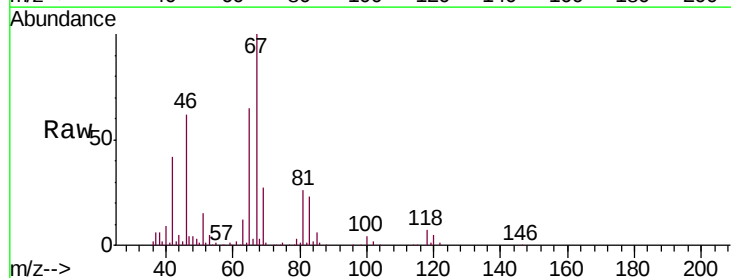
Instrument :
MSVOA_V
ClientSampleId :
VBLK46

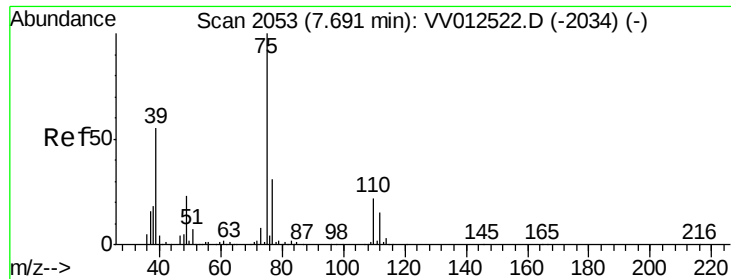
Tgt Ion: 83 Resp: 5343
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.9



#35
Methylcyclohexane
Concen: 0.578 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012523.D
Acq: 02 Sep 2019 12:39

Tgt Ion: 83 Resp: 16317
Ion Ratio Lower Upper
83 100
55 3.3 67.3 100.9#
98 3.4 37.4 56.2#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012523.D

Acq: 02 Sep 2019 12:39

Instrument :

MSVOA_V

ClientSampled :

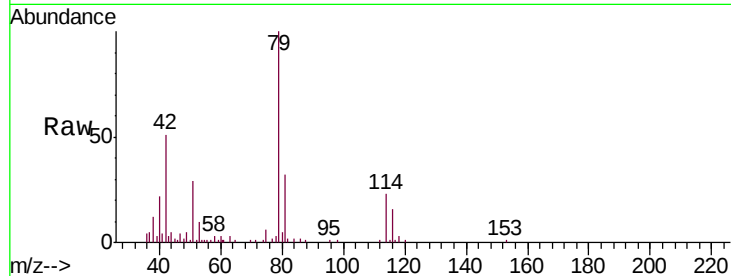
VBLK46

Tgt Ion: 75 Resp: 1714

Ion Ratio Lower Upper

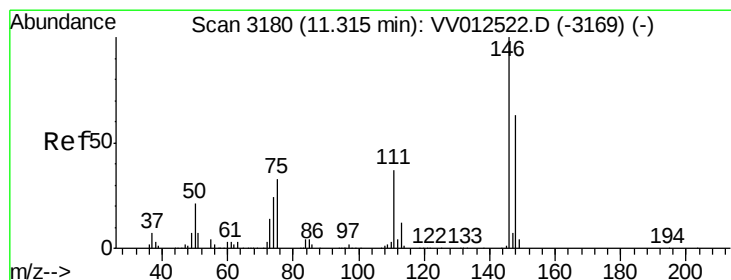
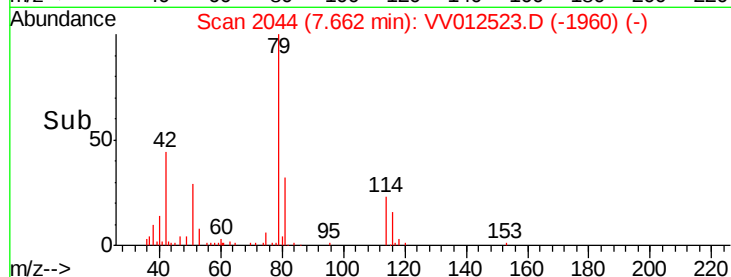
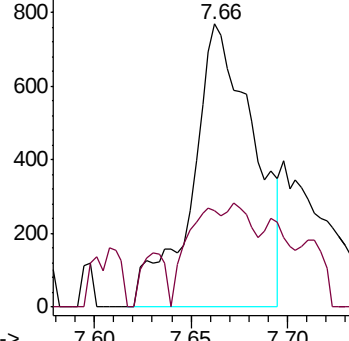
75 100

77 34.3 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#63

1,4-Dichlorobenzene

Concen: 0.085 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV012523.D

Acq: 02 Sep 2019 12:39

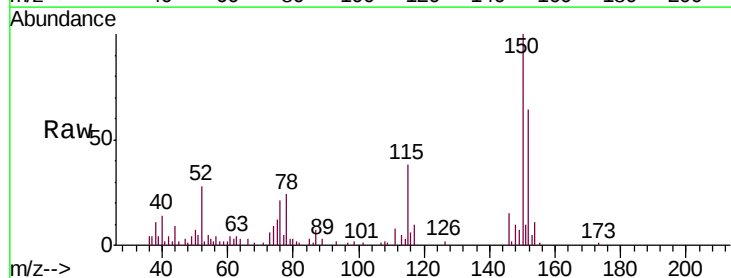
Tgt Ion: 146 Resp: 2533

Ion Ratio Lower Upper

146 100

111 50.6 27.9 51.7

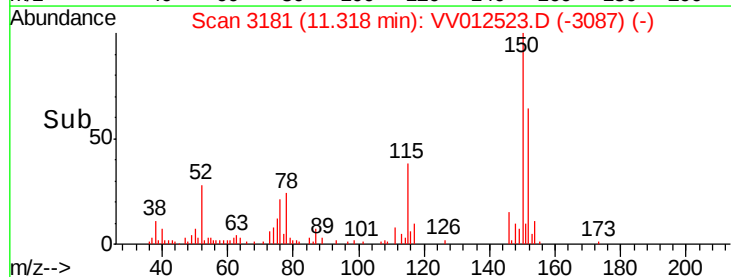
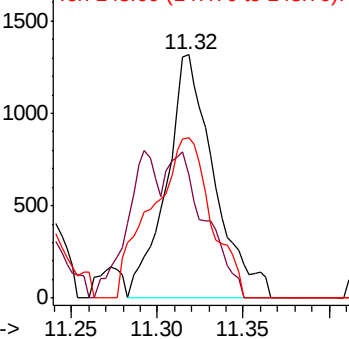
148 65.8 44.9 83.3

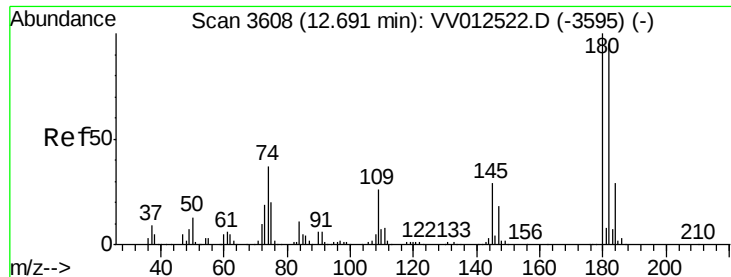


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

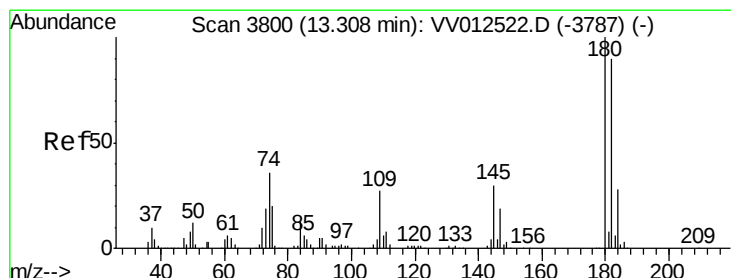
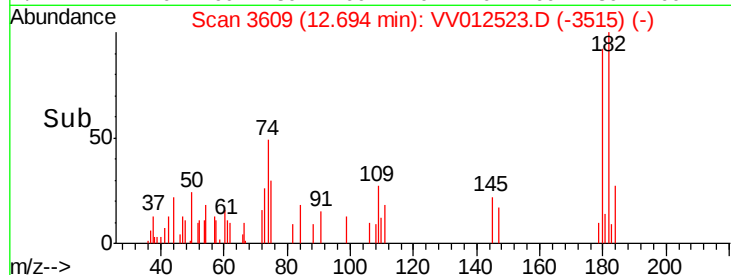
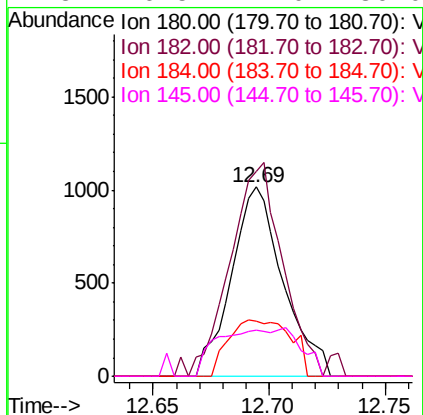
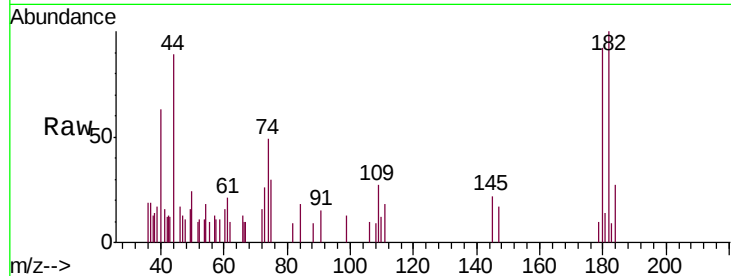




#67
 1,3,5-Trichlorobenzene
 Concen: 0.074 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV012523.D
 Acq: 02 Sep 2019 12:39

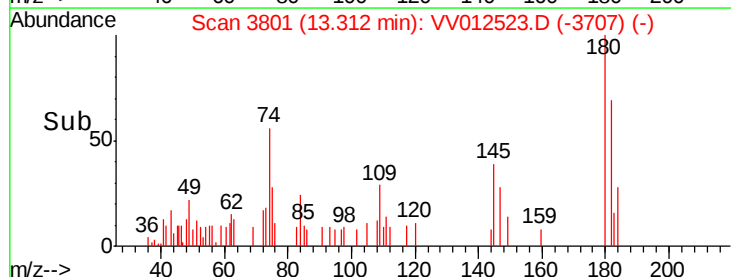
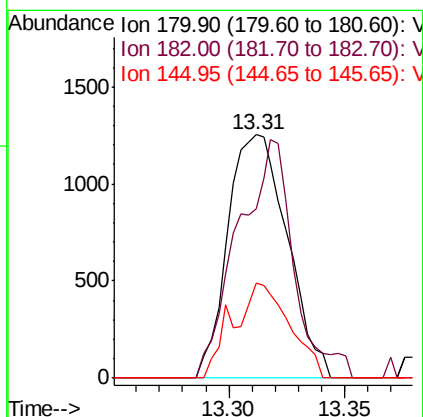
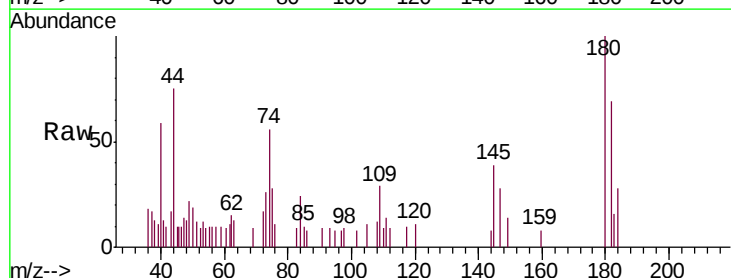
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK46

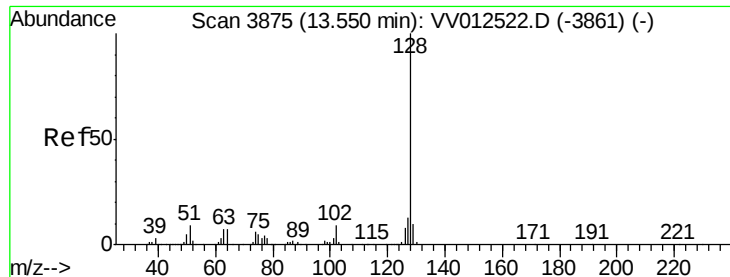
Tgt Ion	Ratio	Lower	Upper
180	100		
182	114.6	74.4	111.6#
184	35.8	23.4	35.0#
145	26.5	24.0	36.0



#68
 1,2,4-trichlorobenzene
 Concen: 0.145 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV012523.D
 Acq: 02 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.8	113.6
145	37.5	23.8	35.8#





#69

Naphthalene

Concen: 0.249 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV012523.D

Acq: 02 Sep 2019 12:39

Instrument :

MSVOA_V

ClientSampleId :

VBLK46

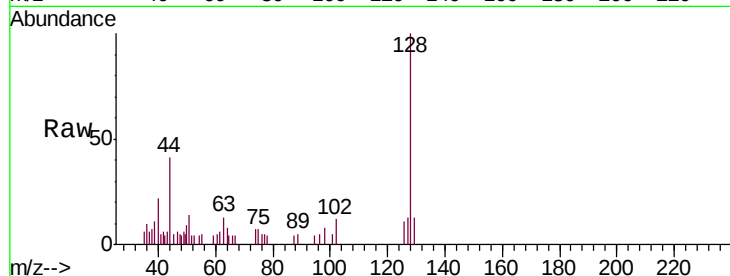
Tgt Ion:128 Resp: 5663

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

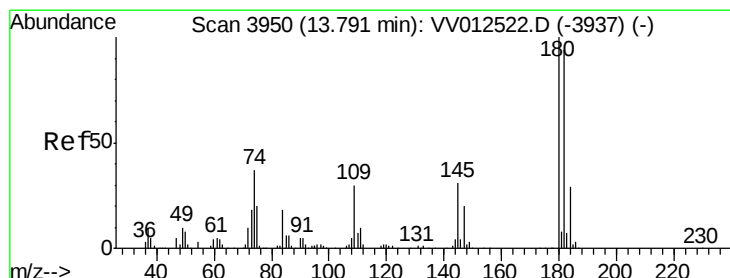
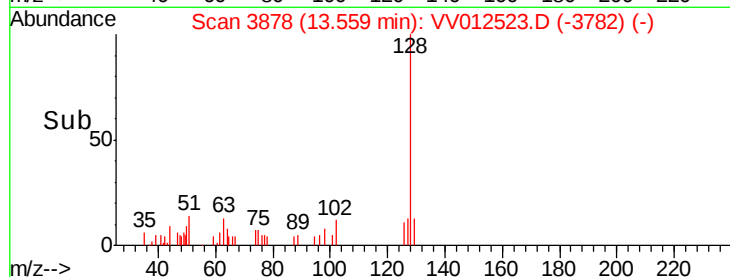
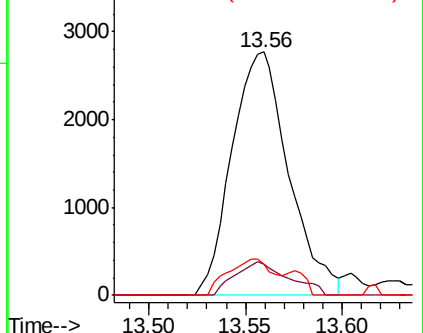
127 12.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.135 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV012523.D

Acq: 02 Sep 2019 12:39

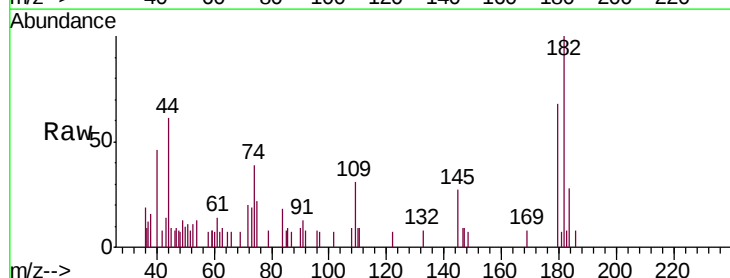
Tgt Ion:180 Resp: 1882

Ion Ratio Lower Upper

180 100

182 119.3 79.4 119.0#

145 33.5 26.2 39.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

