

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018532.D
 Acq On : 29 Sep 2020 21:50
 Operator : SY/MD
 Sample : L4149-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N7

Quant Time: Sep 30 05:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	416722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	390241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107997	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.58	69	98750	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.74%
11) 1,1-Dichloroethene-d2	2.12	63	168741	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	3.92	46	177810	97.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.38	84	231347	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.06	65	157780	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.07	84	478788	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.09	67	148339	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.34	98	431145	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%
43) trans-1,3-Dichloropropene-	7.64	79	71303	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.11	63	103957	91.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179428	45.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	182261	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds

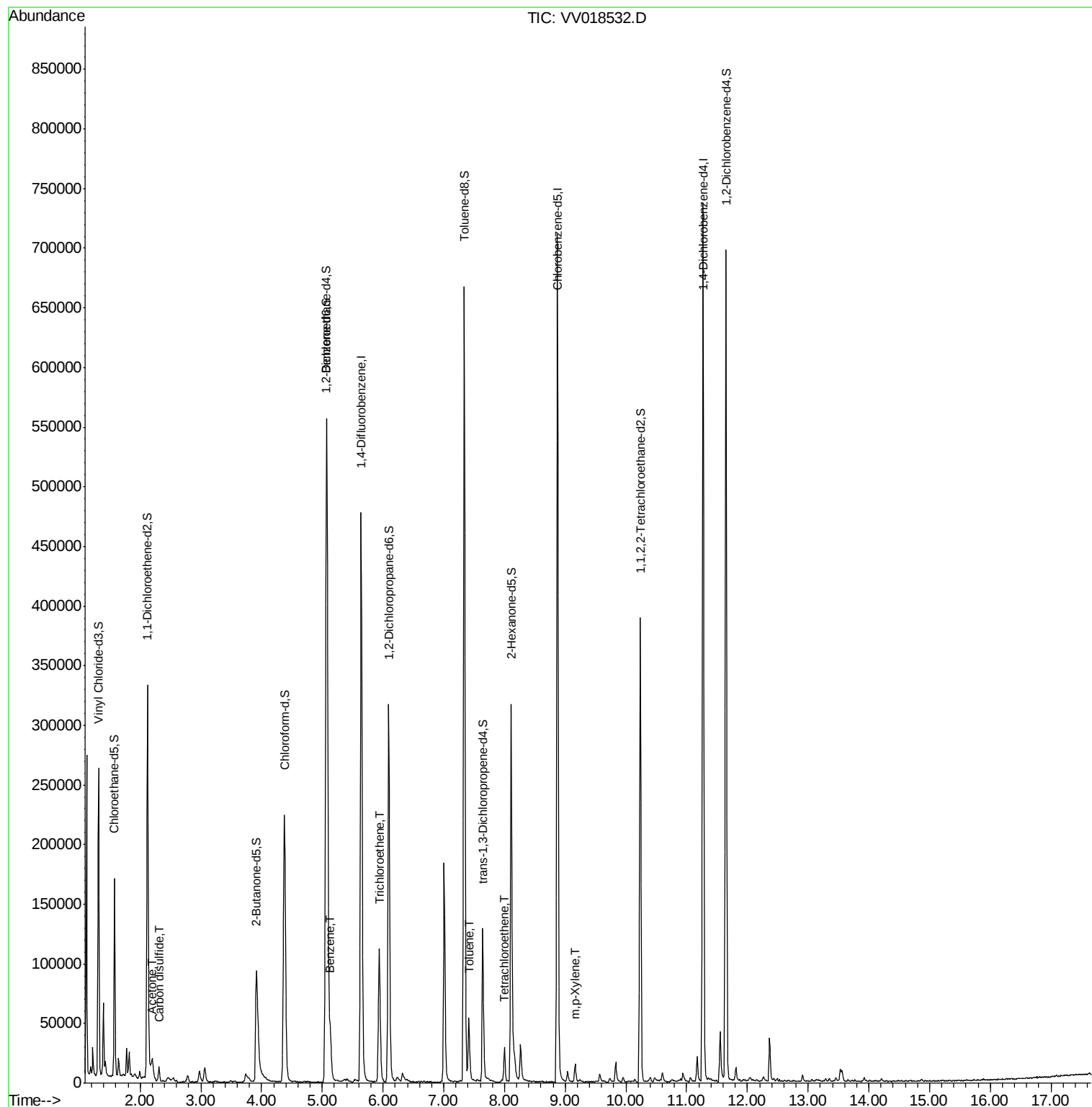
					Ovalue
13) Acetone	2.20	43	27099	17.206	ug/L 95
14) Carbon disulfide	2.31	76	14134	1.677	ug/L 99
33) Benzene	5.13	78	45027	3.927	ug/L 100
34) Trichloroethene	5.94	95	33161	9.963	ug/L 98
42) Toluene	7.41	91	39654	3.197	ug/L 93
46) Tetrachloroethene	8.00	164	6615	2.450	ug/L 96
53) m,p-Xylene	9.16	106	4554	0.851	ug/L 88

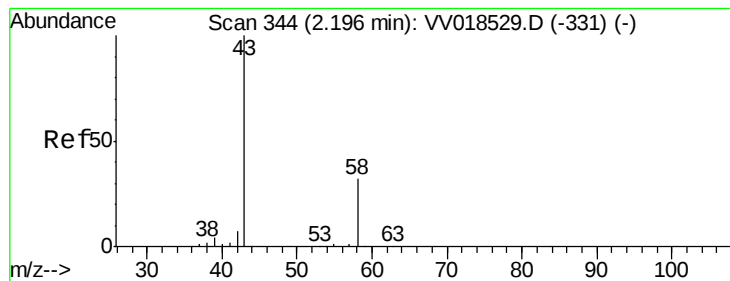
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 30 04:50:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.206 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018532.D

Acq: 29 Sep 2020 21:50

Instrument :

MSVOA_V

ClientSampled :

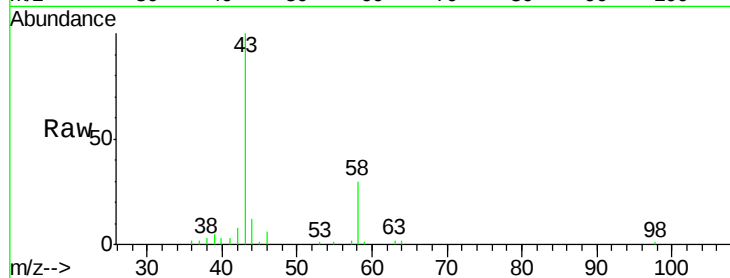
BG3N7

Tot Ion: 43 Resp: 27099

Ion Ratio Lower Upper

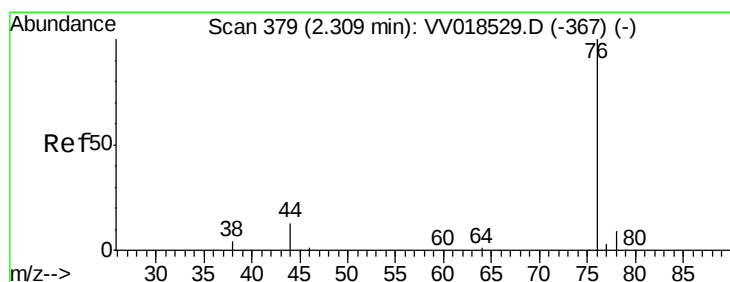
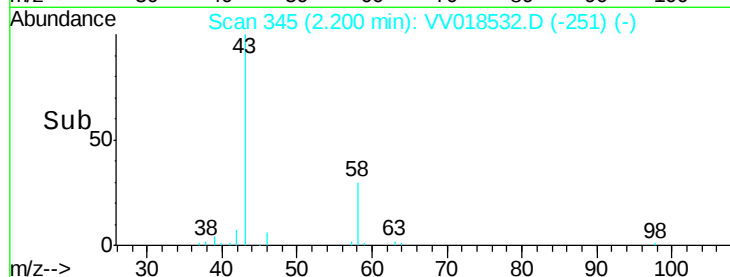
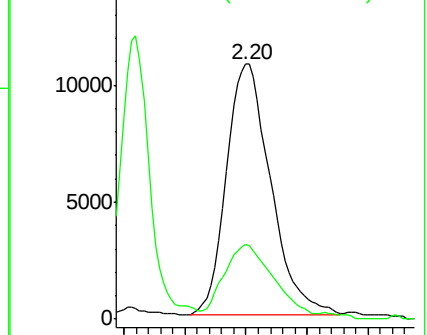
43 100

58 29.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 1.677 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV018532.D

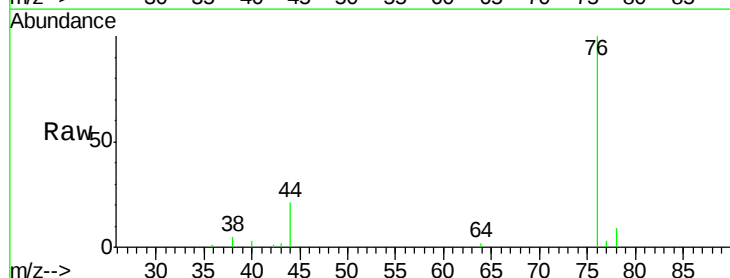
Acq: 29 Sep 2020 21:50

Tgt Ion: 76 Resp: 14134

Ion Ratio Lower Upper

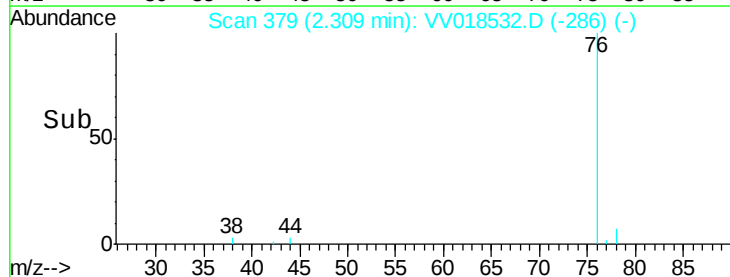
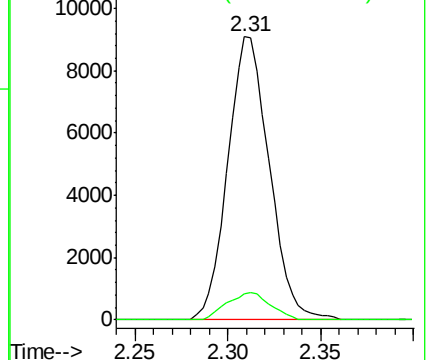
76 100

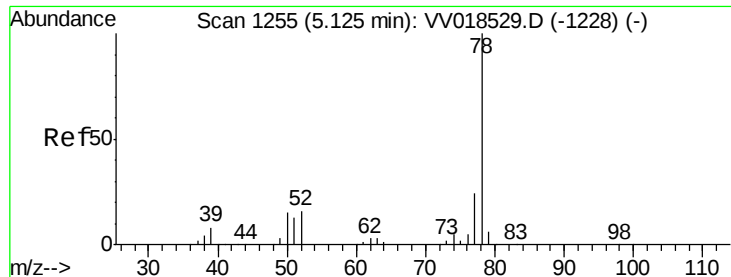
78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





#33

Benzene

Concen: 3.927 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV018532.D

Acq: 29 Sep 2020 21:50

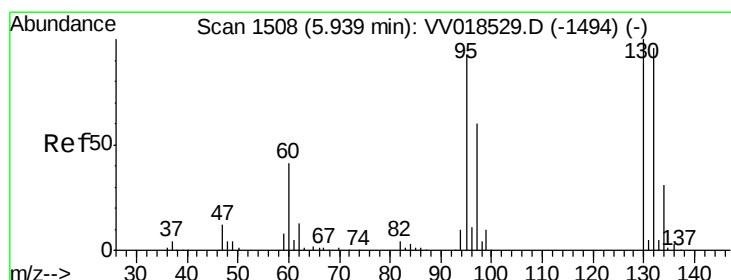
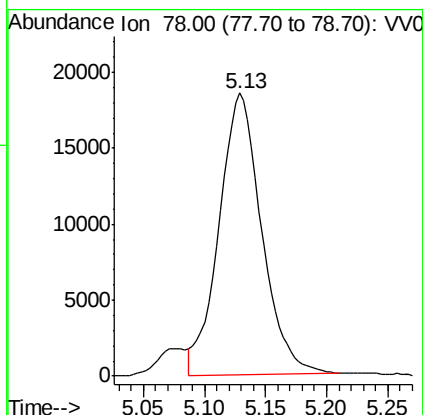
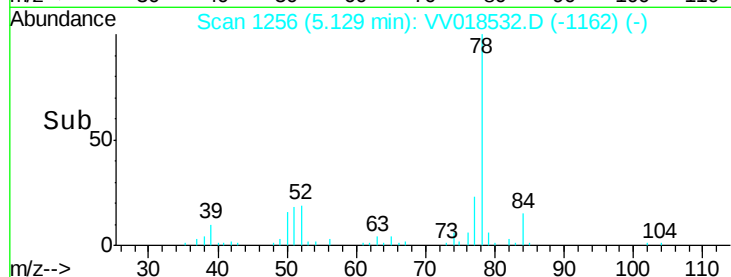
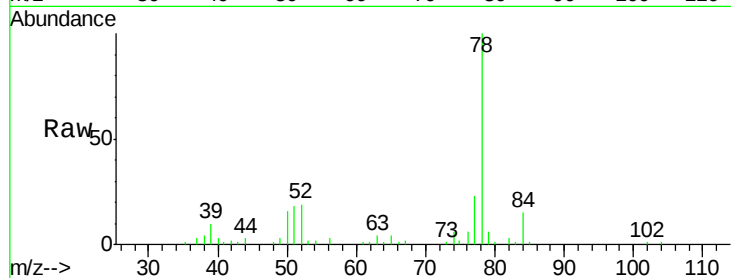
Instrument :

MSVOA_V

ClientSampleId :

BG3N7

Tgt Ion: 78 Resp: 45027



#34

Trichloroethene

Concen: 9.963 ug/L

RT: 5.94 min Scan# 1508

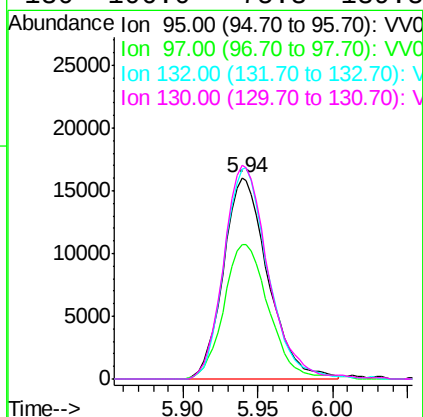
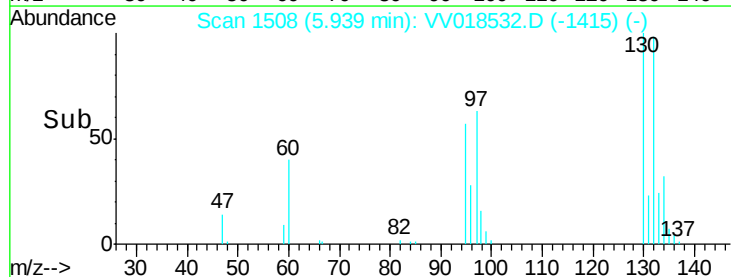
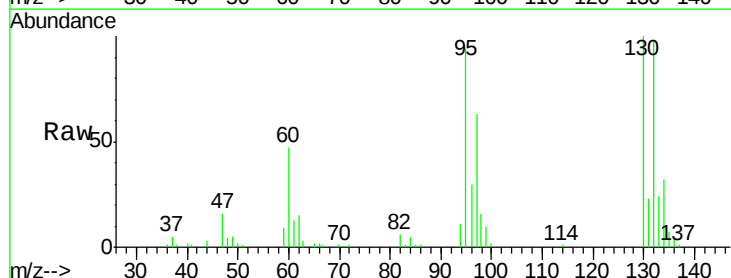
Delta R.T. 0.00 min

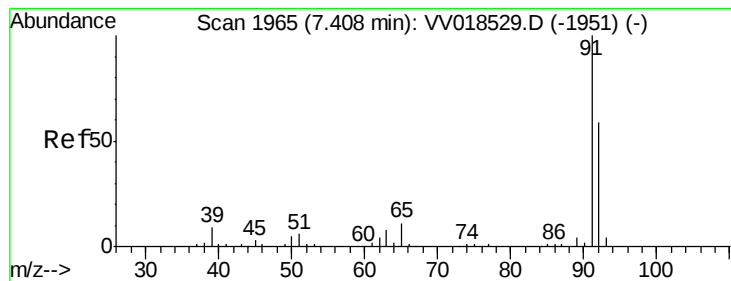
Lab File: VV018532.D

Acq: 29 Sep 2020 21:50

Tgt Ion: 95 Resp: 33161

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.9	85.3
132	104.2	70.8	131.4
130	106.0	75.3	139.8





#42

Toluene

Concen: 3.197 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018532.D

Acq: 29 Sep 2020 21:50

Instrument :

MSVOA_V

ClientSampleId :

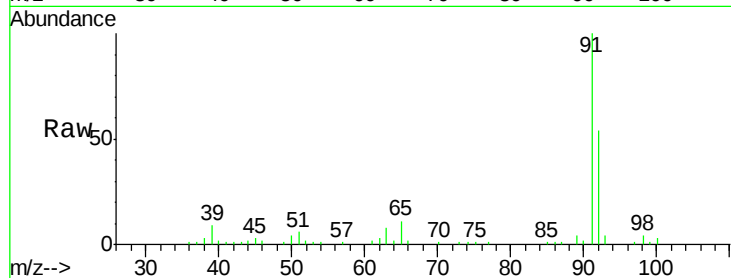
BG3N7

Tot Ion: 91 Resp: 39654

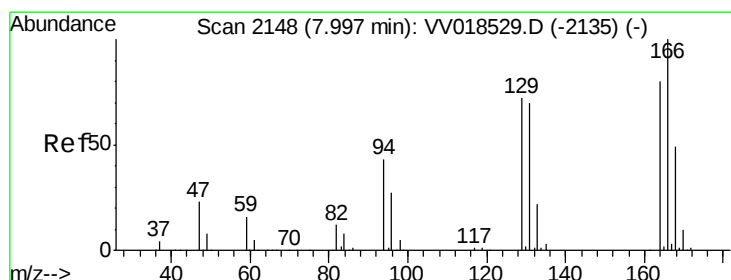
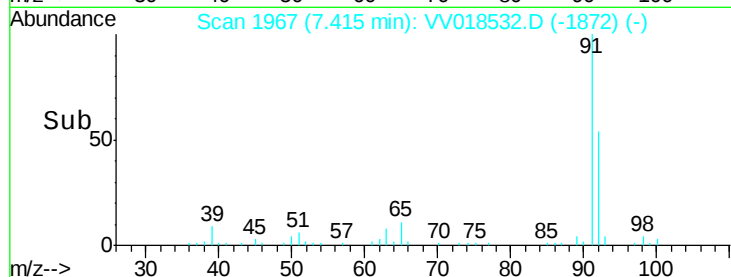
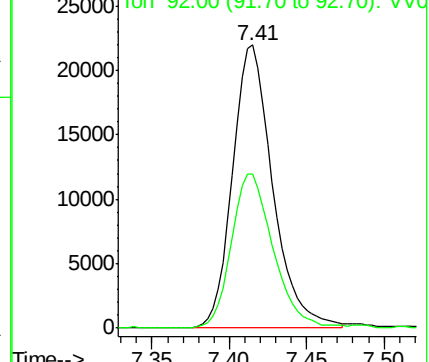
Ion Ratio Lower Upper

91 100

92 54.2 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VV018532.D (-1967) (-)



#46

Tetrachloroethene

Concen: 2.450 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018532.D

Acq: 29 Sep 2020 21:50

Tgt Ion: 164 Resp: 6615

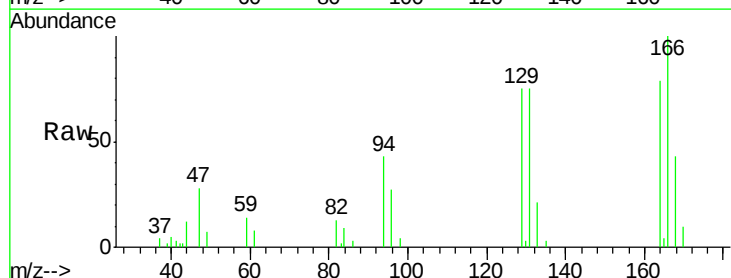
Ion Ratio Lower Upper

164 100

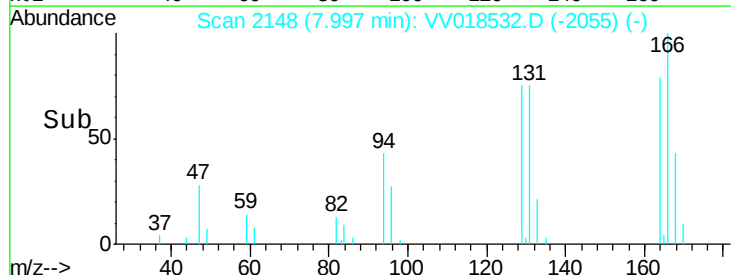
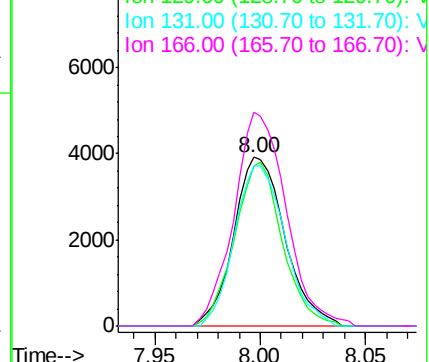
129 94.4 62.8 116.6

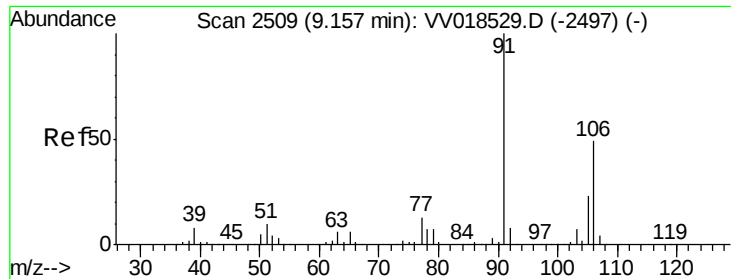
131 94.5 60.8 112.8

166 126.5 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV018532.D (-2148) (-)





#53

m,p-Xylene

Concen: 0.851 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV018532.D

Acq: 29 Sep 2020 21:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N7

Tot Ion:106 Resp: 4554

Ion Ratio Lower Upper

106 100

91 184.9 142.3 264.3

