

Data File : VV013666.D
Acq On : 18 Nov 2019 19:00
Operator : SY/MD
Sample : K5910-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ4

Quant Time: Nov 19 04:30:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	341175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93355	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	90357	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	132404	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.93	46	240439	49.33	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.40	84	213894	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	106911	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	416419	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	127278	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	349020	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	45679	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	167526	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90913	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	147891	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

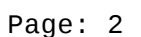
Target Compounds

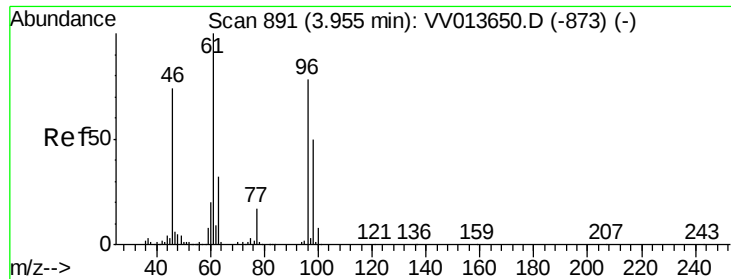
					Qvalue	
22) cis-1,2-Dichloroethene	3.96	96	96731	3.708	ug/L #	99
34) Trichloroethene	5.96	95	173639	6.369	ug/L	99
35) Methylcyclohexane	6.11	83	32589	0.784	ug/L #	19
44) trans-1,3-Dichloropropene	7.67	75	2258	0.082	ug/L #	56
47) Tetrachloroethene	8.02	164	8370	0.331	ug/L	95
48) 2-Hexanone	8.18	43	11646	1.157	ug/L #	42
49) Dibromochloromethane	8.02	129	7160	0.321	ug/L #	10
63) 1,4-Dichlorobenzene	11.31	146	3570	0.067	ug/L #	80

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

ALS Vial : 21 Sample Multiplier: 1

Response via : Initial Calibration



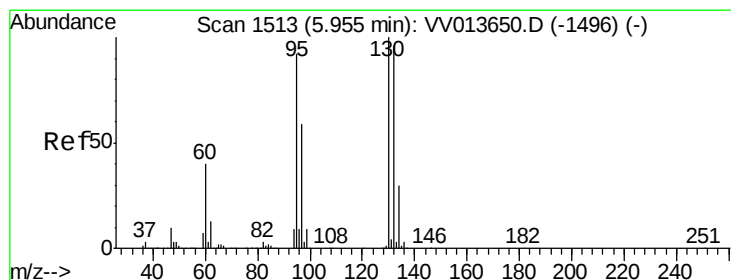
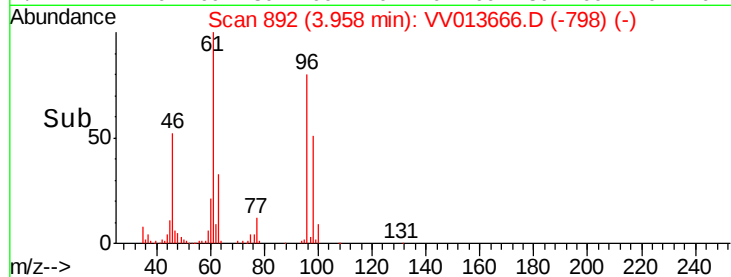
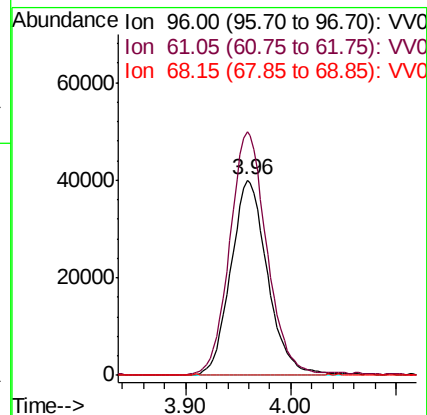
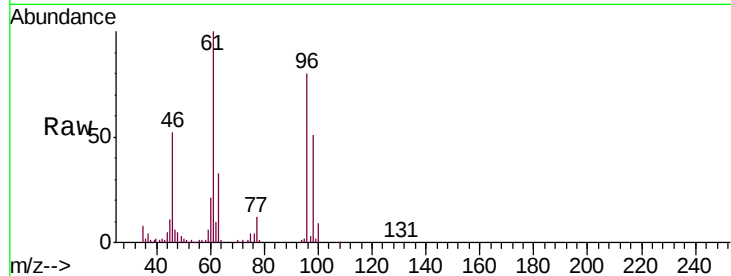


#22

cis-1,2-Dichloroethene
Concen: 3.708 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013666.D
Acq: 18 Nov 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
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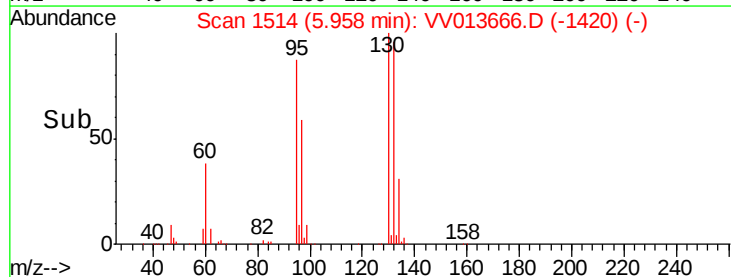
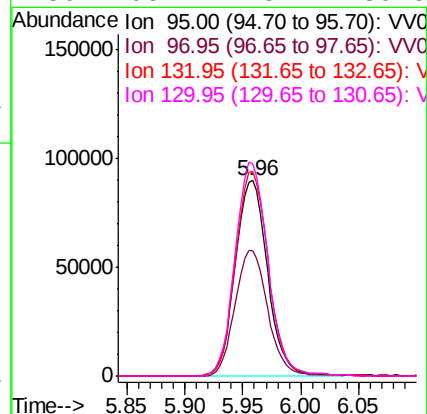
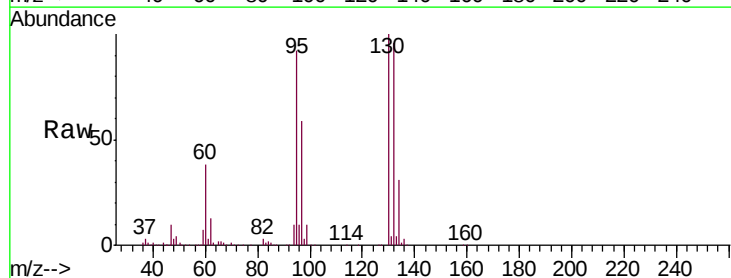
Tgt Ion: 96 Resp: 96731
Ion Ratio Lower Upper
96 100
61 124.6 87.7 162.9
68 0.0 0.1 0.3#

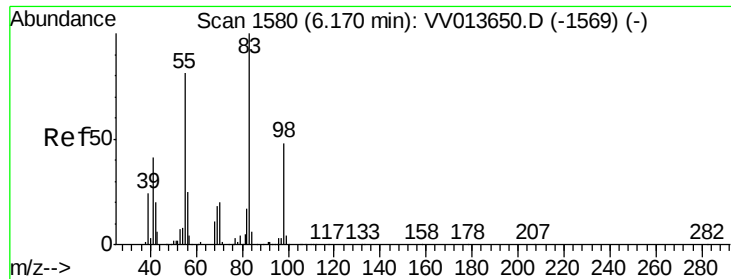


#34

Trichloroethene
Concen: 6.369 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013666.D
Acq: 18 Nov 2019 19:00

Tgt Ion: 95 Resp: 173639
Ion Ratio Lower Upper
95 100
97 63.8 44.8 83.2
132 104.6 72.9 135.3
130 108.7 75.1 139.5

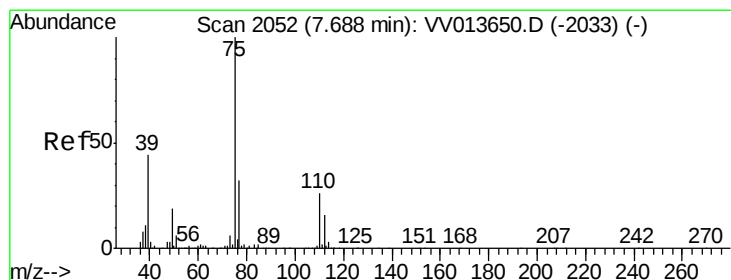
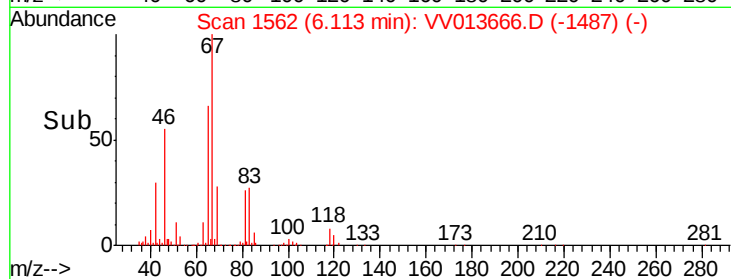
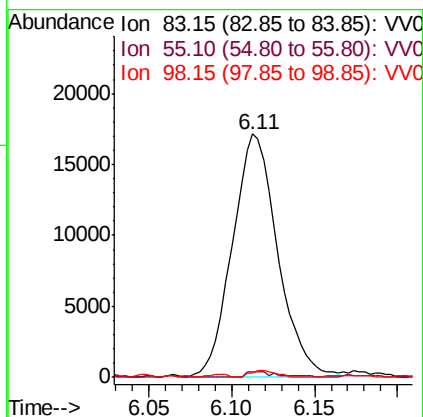
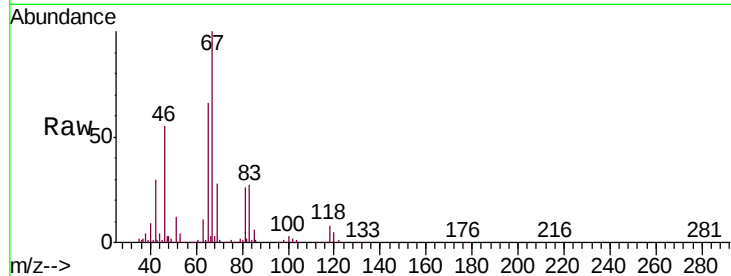




#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013666.D
Acq: 18 Nov 2019 19:00

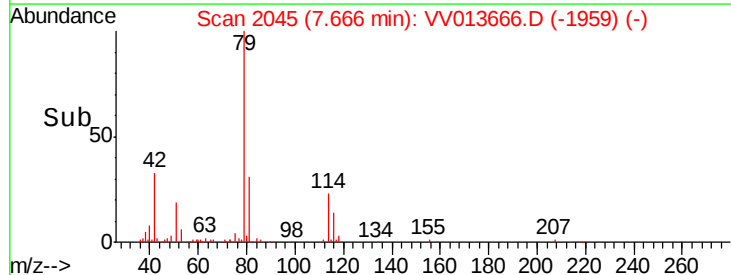
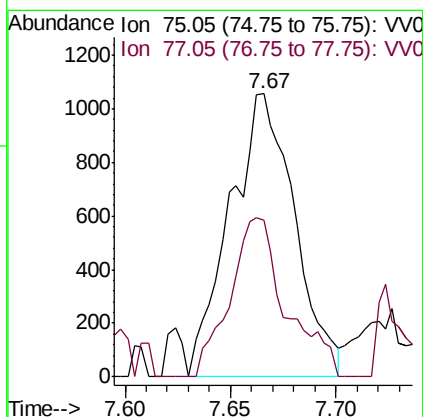
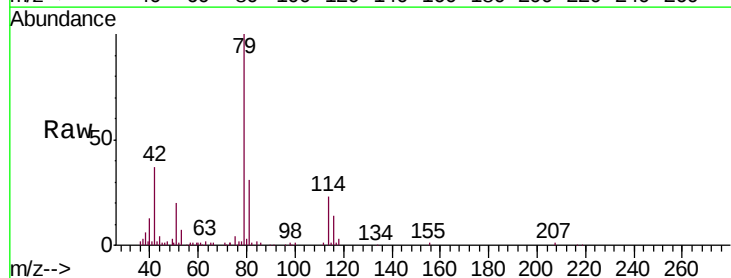
Instrument :
MSVOA_V
ClientSampleId :
GAQJ4

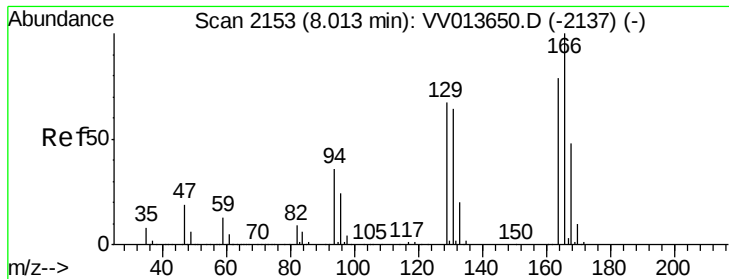
Tgt Ion: 83 Resp: 32589
Ion Ratio Lower Upper
83 100
55 1.7 64.1 96.1#
98 1.6 38.2 57.2#



#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV013666.D
Acq: 18 Nov 2019 19:00

Tgt Ion: 75 Resp: 2258
Ion Ratio Lower Upper
75 100
77 55.2 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.331 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV013666.D

Acq: 18 Nov 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

GAQJ4

Tgt Ion:164 Resp: 8370

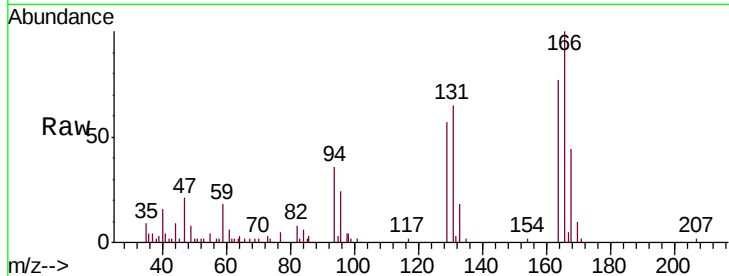
Ion Ratio Lower Upper

164 100

129 73.9 59.1 109.9

131 84.7 58.9 109.5

166 129.9 87.8 163.2

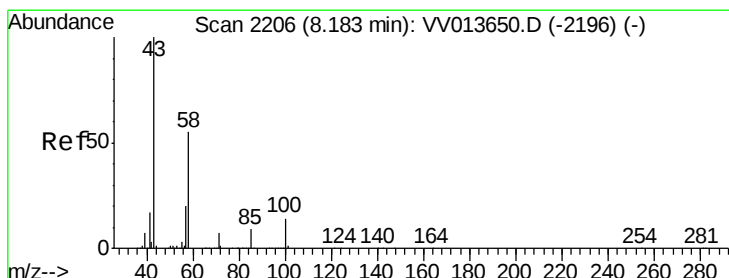
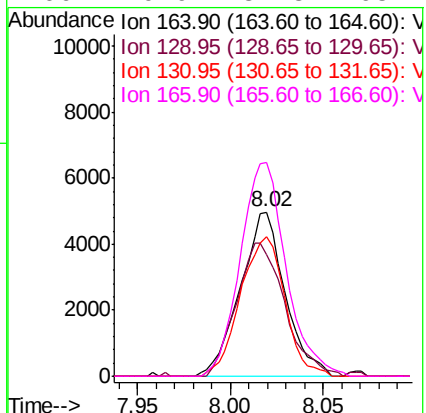
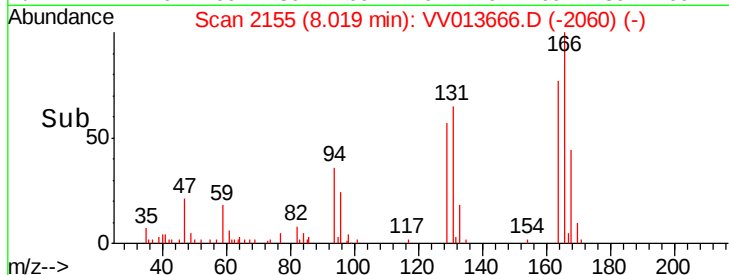


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.157 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013666.D

Acq: 18 Nov 2019 19:00

Tgt Ion: 43 Resp: 11646

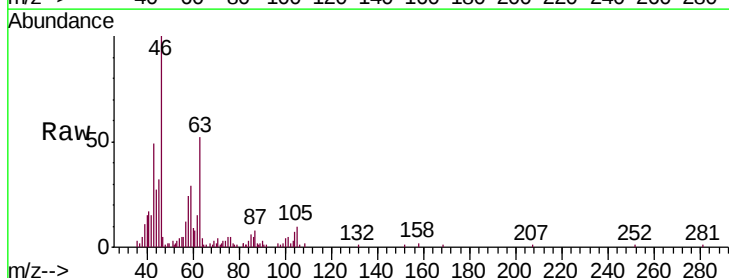
Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.6#

57 0.0 15.4 23.2#

100 9.1 10.1 15.1#

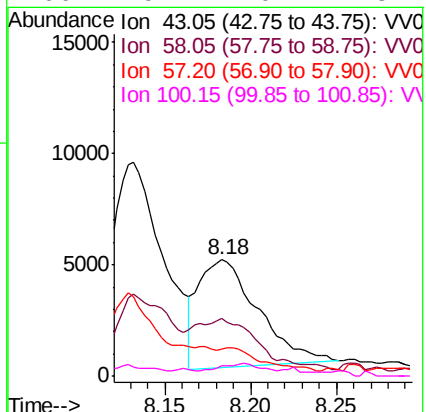
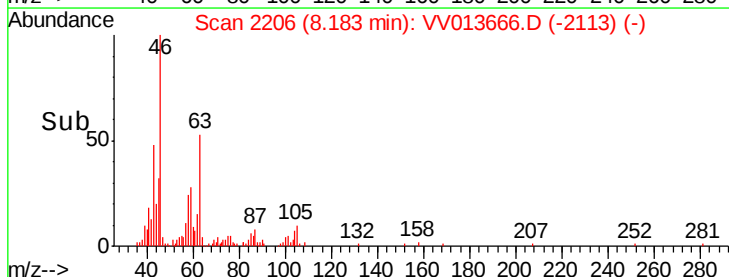


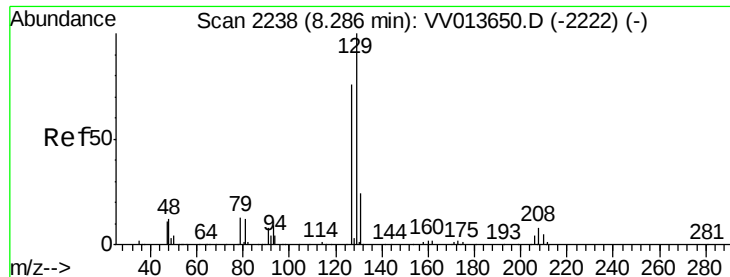
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.321 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV013666.D

Acq: 18 Nov 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

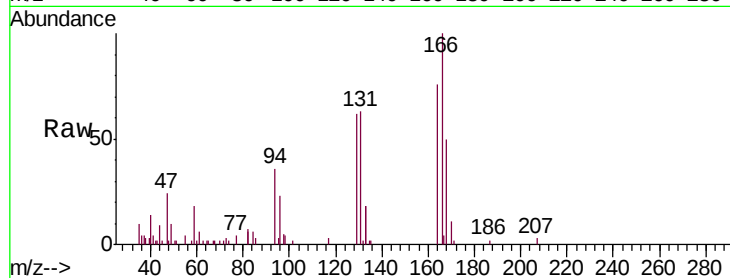
GAQJ4

Tgt Ion:129 Resp: 7160

Ion Ratio Lower Upper

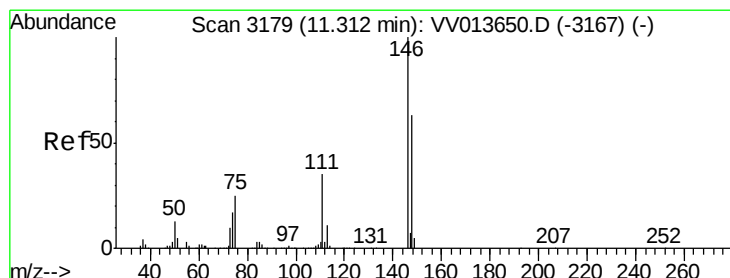
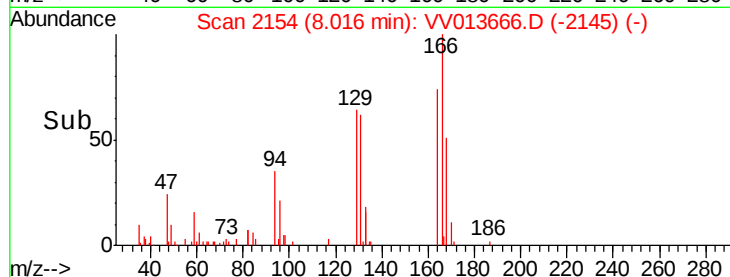
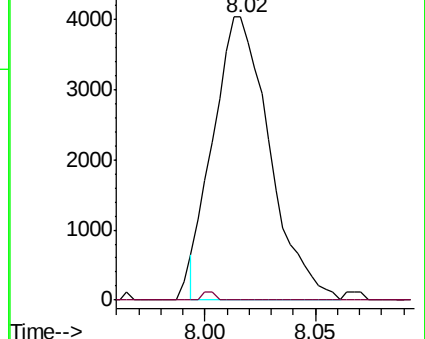
129 100

127 0.0 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#63

1,4-Dichlorobenzene

Concen: 0.067 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013666.D

Acq: 18 Nov 2019 19:00

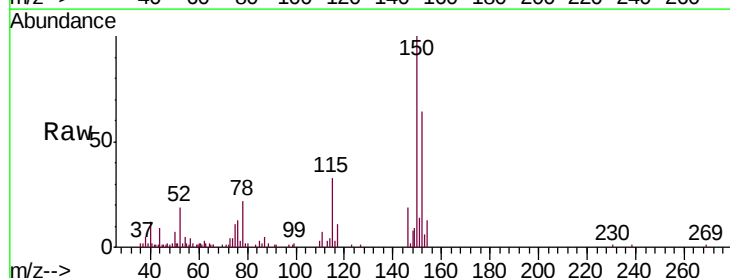
Tgt Ion:146 Resp: 3570

Ion Ratio Lower Upper

146 100

111 35.4 25.6 47.6

148 41.3 45.6 84.8#



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

