

Data File : VV011254.D
Acq On : 06 Jun 2019 19:20
Operator : SY/MD
Sample : K3230-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P028-DELEG-1906-01

Quant Time: Jun 07 01:33:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165799	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55521	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.56	69	44947	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	86723	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.94	46	149692	52.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	4.40	84	100919	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	58682	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	207047	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	63720	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	188088	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	21063	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.13	63	119669	51.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45738	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59607	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

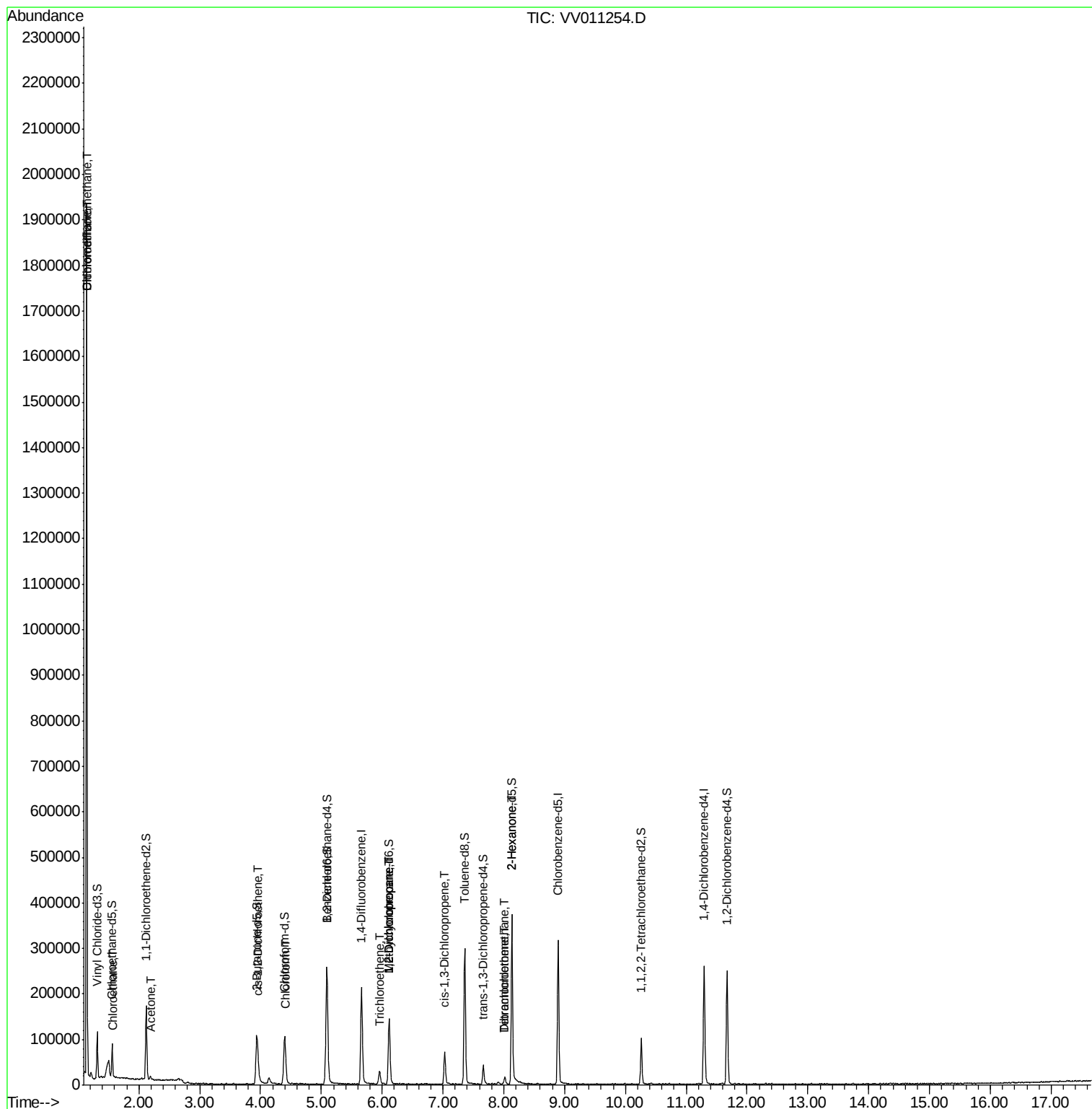
					Qvalue
2) Dichlorodifluoromethane	1.14	85	17830	1.090 ug/L	98
3) Chloromethane	1.14	50	64794	4.098 ug/L #	75
8) Chloroethane	1.59	64	1919	0.197 ug/L #	61
13) Acetone	2.19	43	4515	2.381 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	10093	0.779 ug/L	100
25) Chloroform	4.42	83	3707	0.156 ug/L	77
34) Trichloroethene	5.96	95	9427	0.735 ug/L	93
35) Methylcyclohexane	6.12	83	15135	0.714 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8083	0.654 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2110	0.117 ug/L #	56
47) Tetrachloroethene	8.02	164	2632	0.284 ug/L	93
48) 2-Hexanone	8.13	43	15631	2.849 ug/L #	69
49) Dibromochloromethane	8.02	129	2638	0.294 ug/L #	11

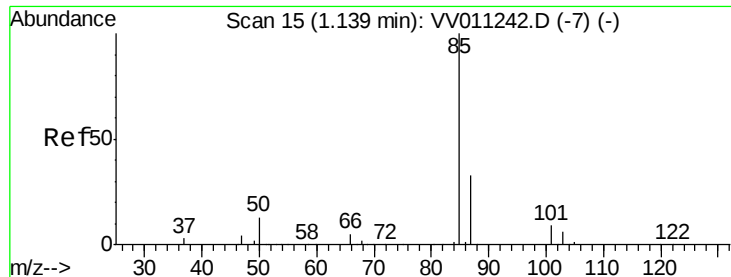
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.090 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV011254.D

Acq: 06 Jun 2019 19:20

Instrument :

MSVOA_V

ClientSampleId :

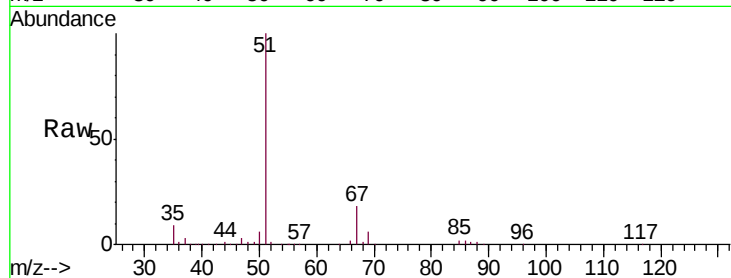
P028-DELEG-1906-01

Tgt Ion: 85 Resp: 17830

Ion Ratio Lower Upper

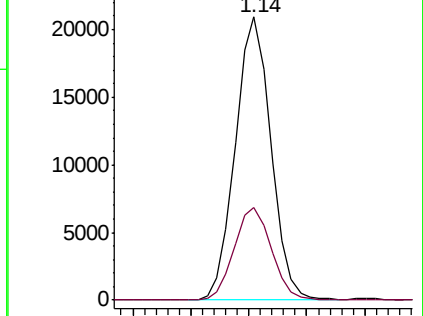
85 100

87 34.3 26.5 39.7

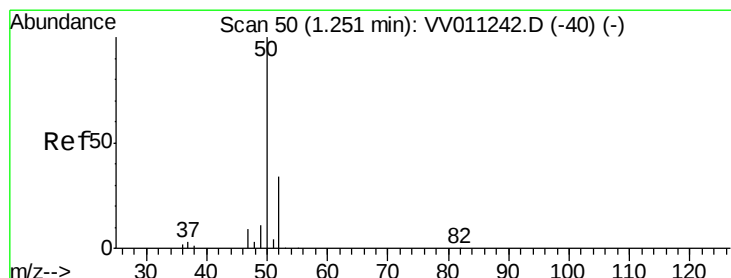
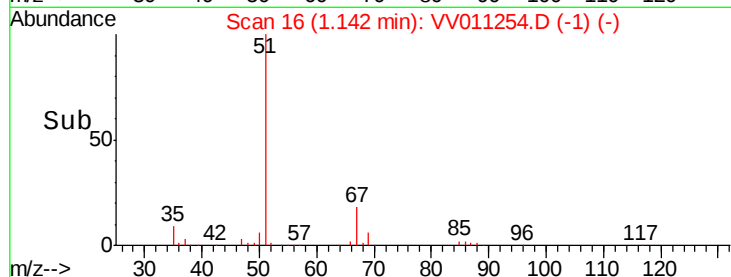


Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



Time-->



#3

Chloromethane

Concen: 4.098 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.11 min

Lab File: VV011254.D

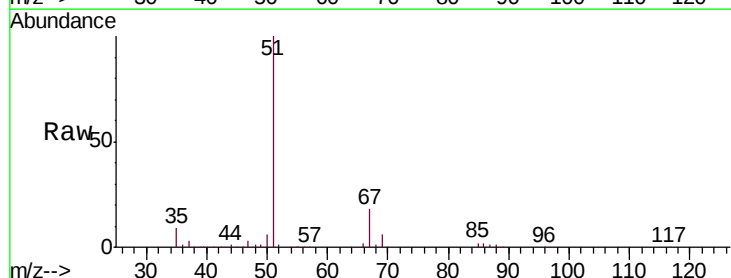
Acq: 06 Jun 2019 19:20

Tgt Ion: 50 Resp: 64794

Ion Ratio Lower Upper

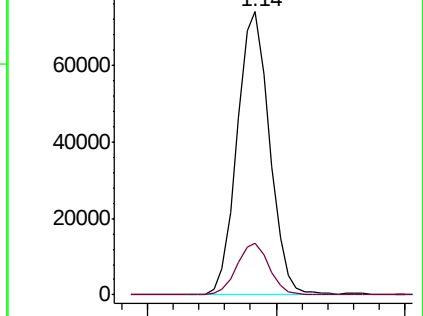
50 100

52 18.2 22.3 41.5#

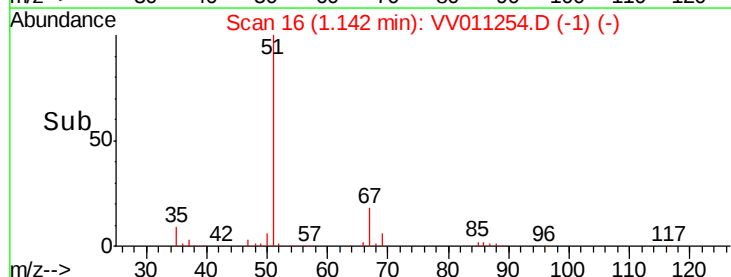


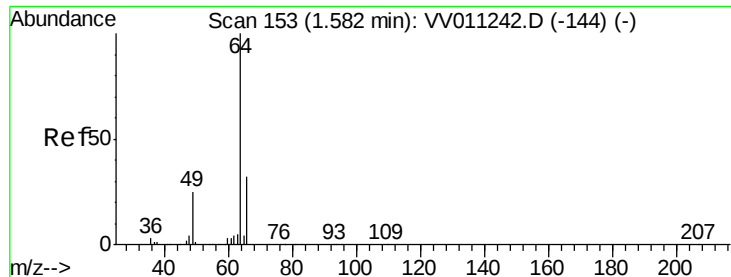
Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



Time-->





#8

Chloroethane

Concen: 0.197 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.01 min

Lab File: VV011254.D

Acq: 06 Jun 2019 19:20

Instrument :

MSVOA_V

ClientSampleId :

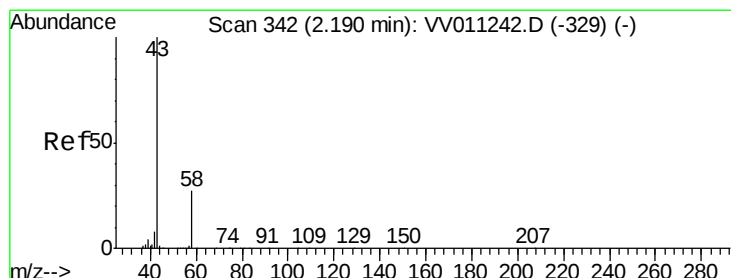
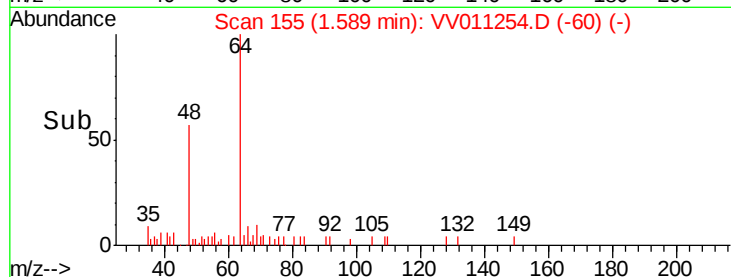
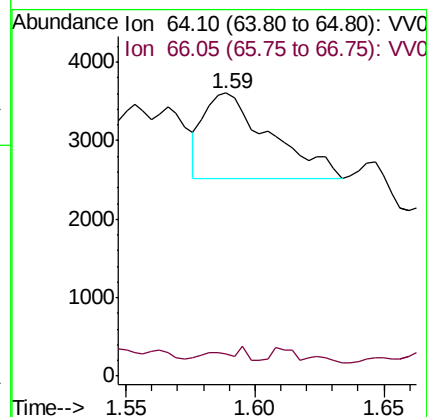
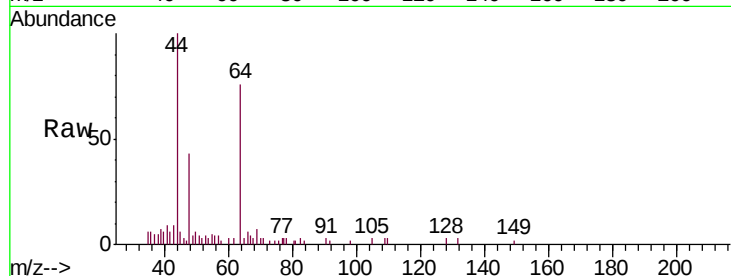
P028-DELEG-1906-01

Tgt Ion: 64 Resp: 1919

Ion Ratio Lower Upper

64 100

66 7.5 19.4 36.0#



#13

Acetone

Concen: 2.381 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011254.D

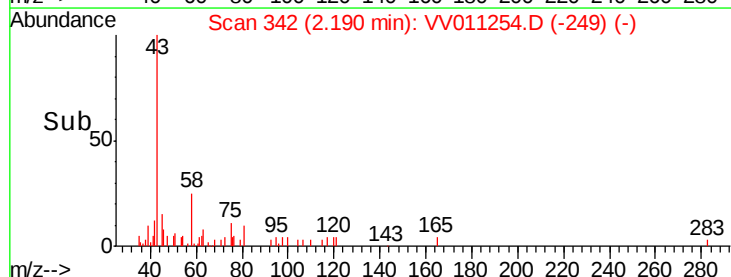
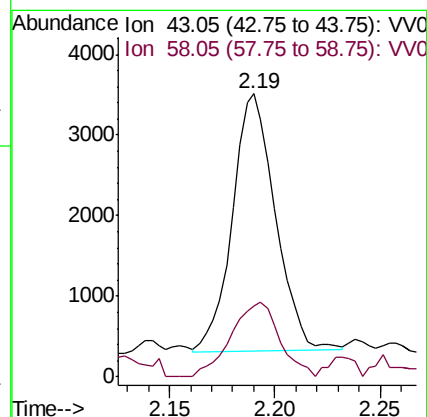
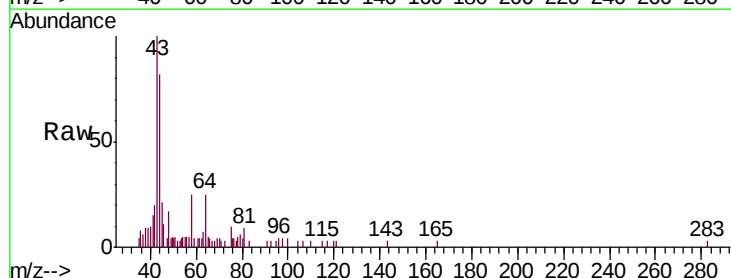
Acq: 06 Jun 2019 19:20

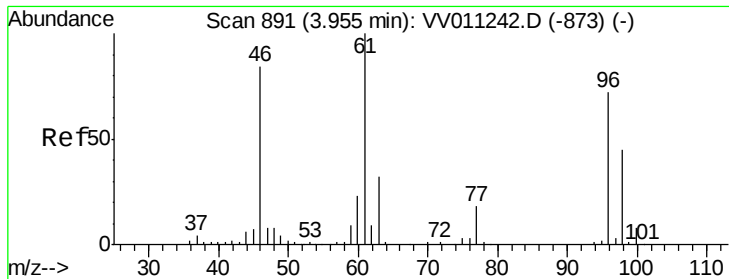
Tgt Ion: 43 Resp: 4515

Ion Ratio Lower Upper

43 100

58 32.6 0.0 55.2



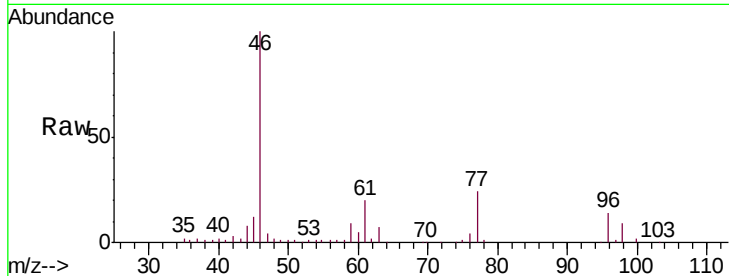


#22

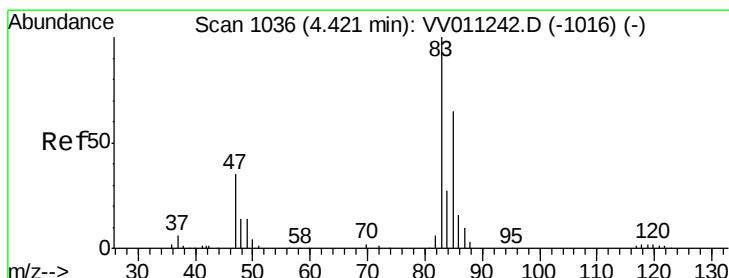
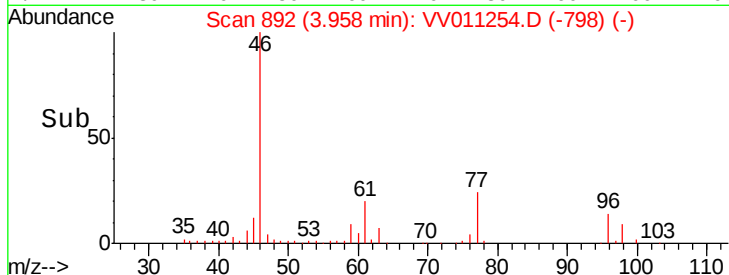
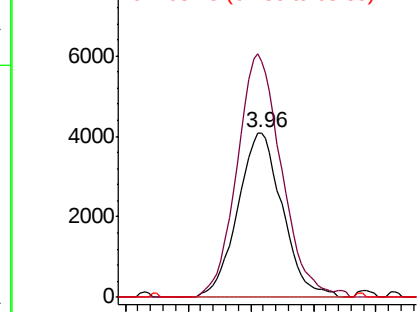
cis-1,2-Dichloroethene
 Concen: 0.779 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011254.D
 Acq: 06 Jun 2019 19:20

Instrument :
 MSVOA_V
 ClientSampleId :
 P028-DELEG-1906-01

Tgt Ion: 96 Resp: 10093
 Ion Ratio Lower Upper
 96 100
 61 143.5 100.8 187.2
 68 0.0 0.0 0.0



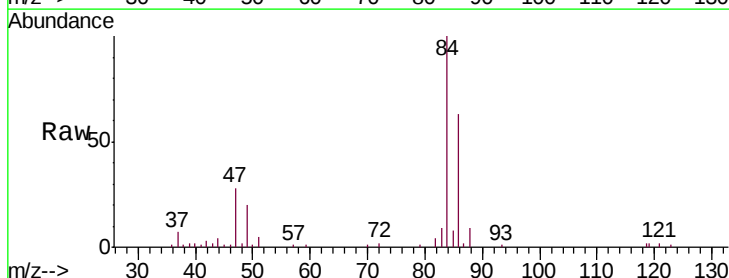
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



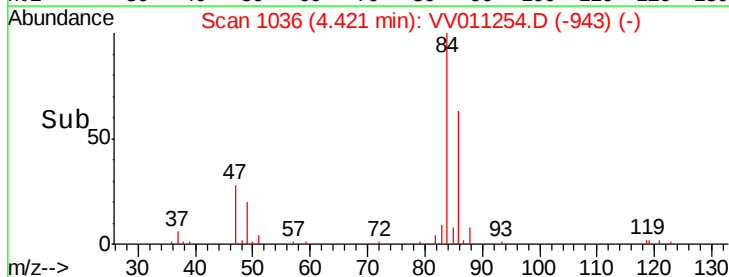
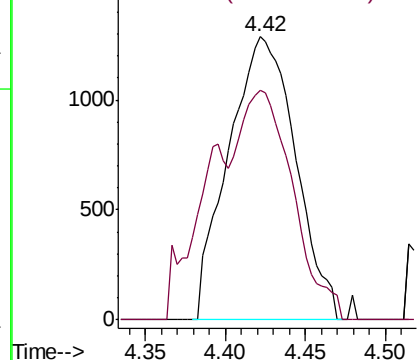
#25

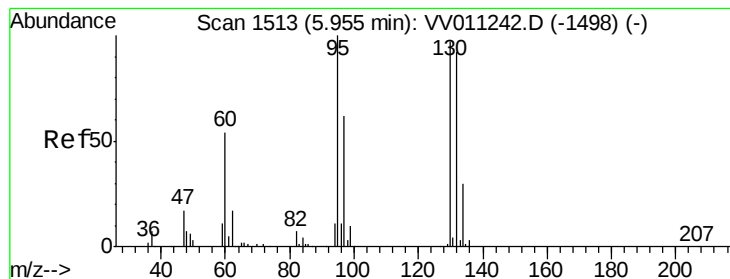
Chloroform
 Concen: 0.156 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VV011254.D
 Acq: 06 Jun 2019 19:20

Tgt Ion: 83 Resp: 3707
 Ion Ratio Lower Upper
 83 100
 85 81.0 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.735 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011254.D

Acq: 06 Jun 2019 19:20

Instrument :

MSVOA_V

ClientSampleId :

P028-DELEG-1906-01

Tgt Ion: 95 Resp: 9427

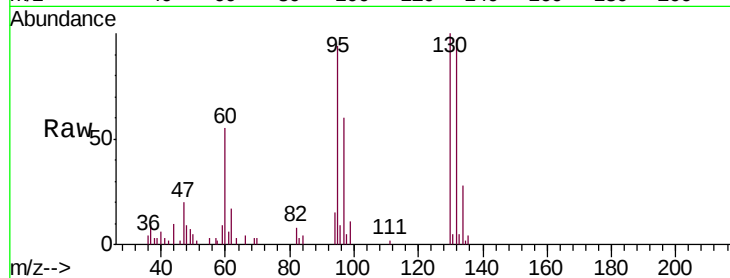
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 102.8 66.4 123.2

130 106.3 68.3 126.8

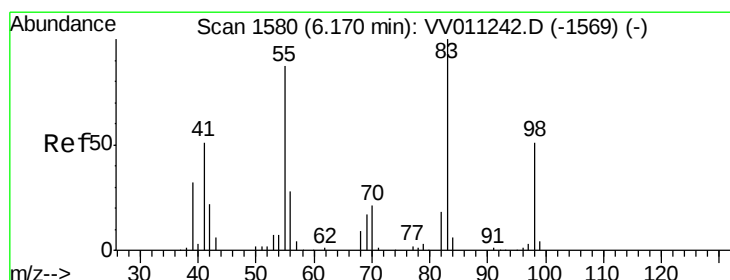
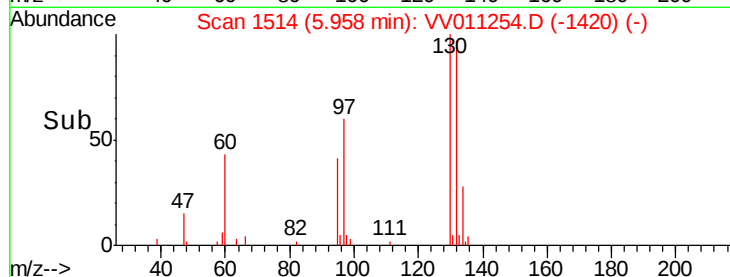
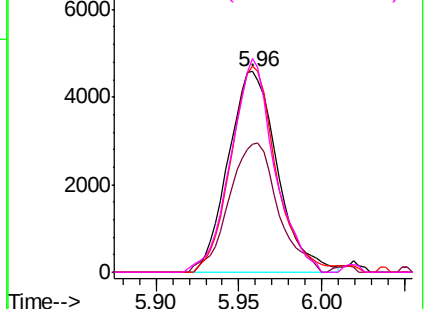


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011254.D

Acq: 06 Jun 2019 19:20

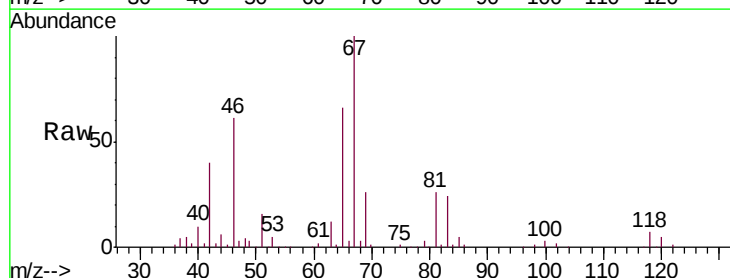
Tgt Ion: 83 Resp: 15135

Ion Ratio Lower Upper

83 100

55 1.2 67.0 100.6#

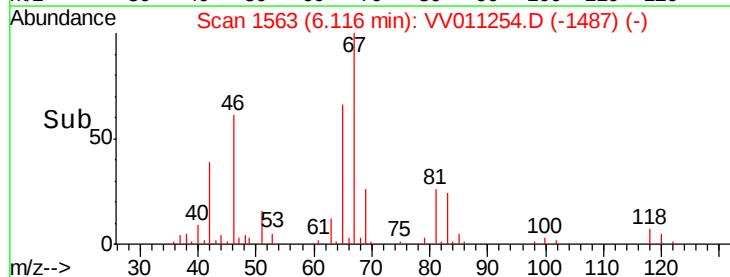
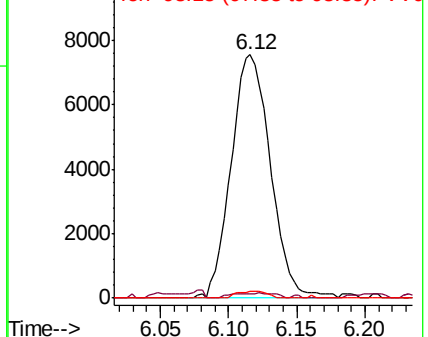
98 2.2 40.0 60.0#

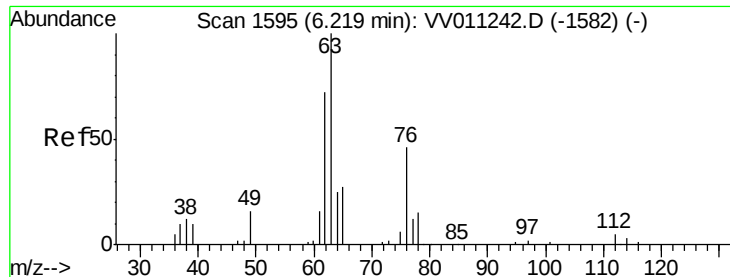


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

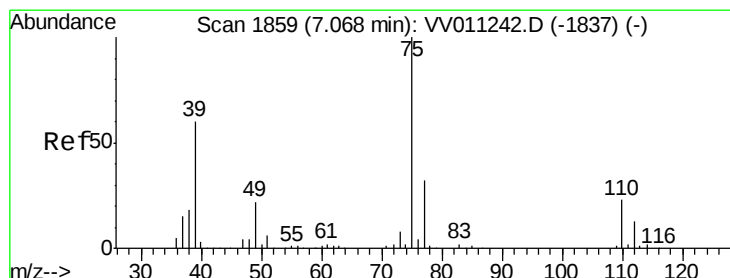
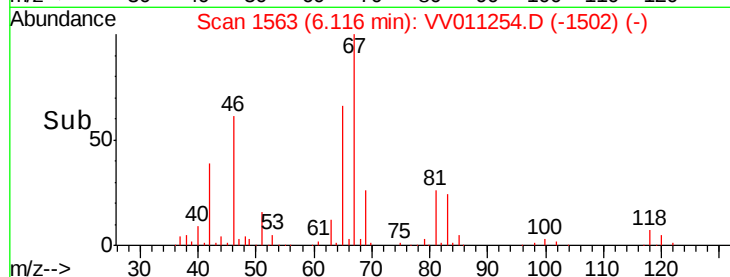
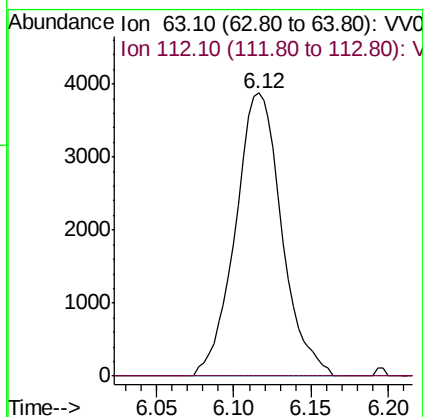
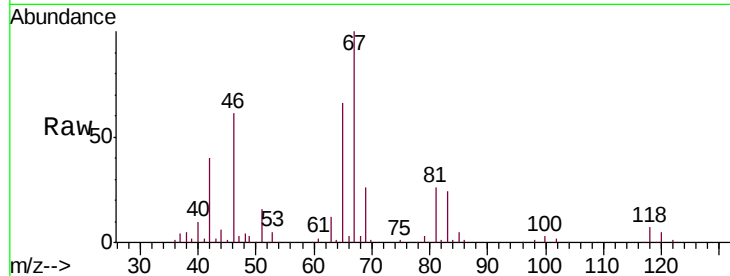




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011254.D
 Acq: 06 Jun 2019 19:20

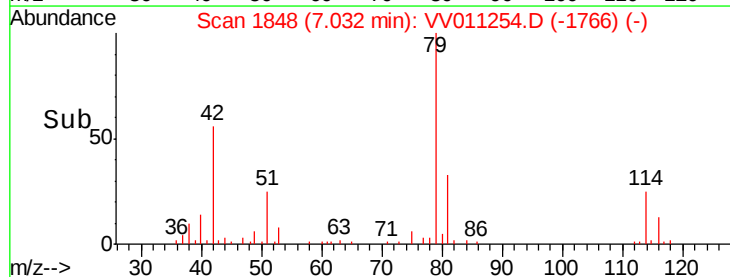
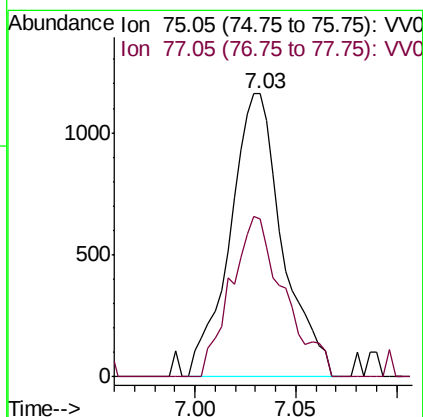
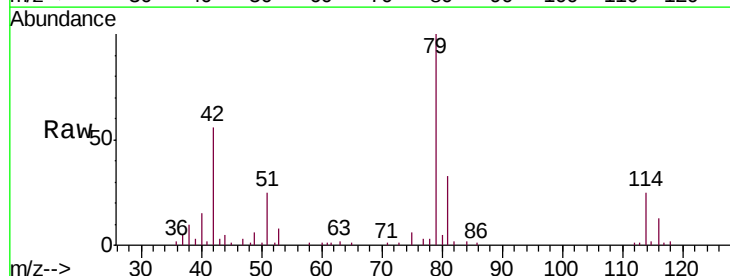
Instrument :
 MSVOA_V
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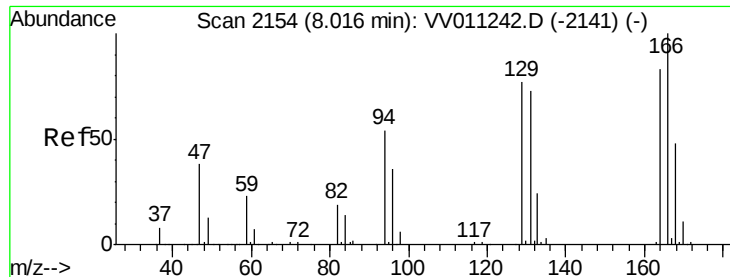
Tgt Ion: 63 Resp: 8083
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011254.D
 Acq: 06 Jun 2019 19:20

Tgt Ion: 75 Resp: 2110
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.284 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011254.D

Acq: 06 Jun 2019 19:20

Instrument :

MSVOA_V

ClientSampleId :

P028-DELEG-1906-01

Tgt Ion:164 Resp: 2632

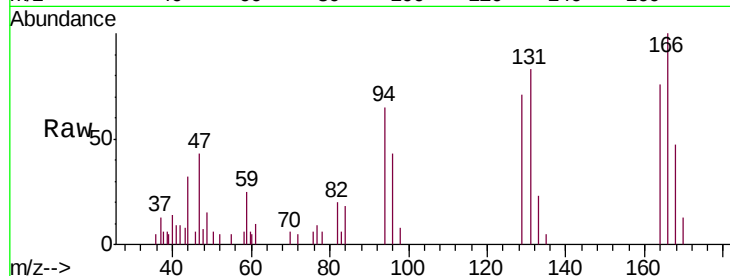
Ion Ratio Lower Upper

164 100

129 93.4 69.9 129.9

131 109.9 66.8 124.2

166 131.9 90.2 167.6

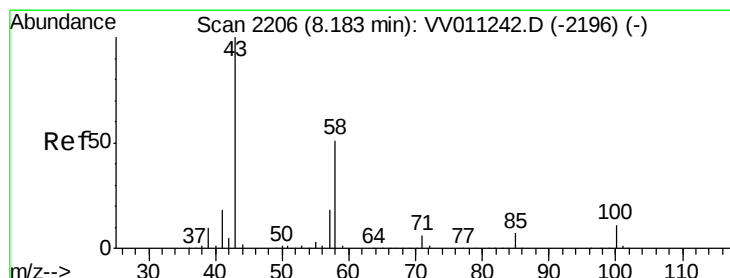
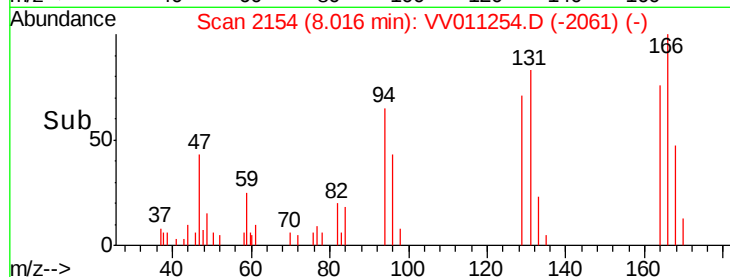
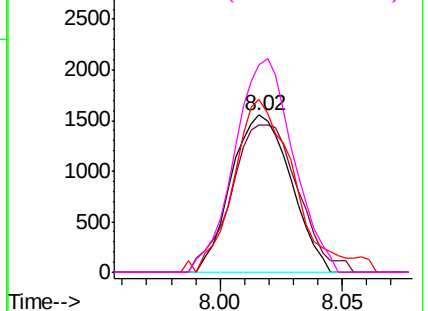


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.849 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011254.D

Acq: 06 Jun 2019 19:20

Tgt Ion: 43 Resp: 15631

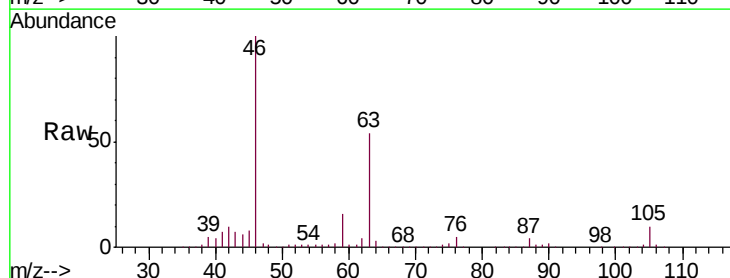
Ion Ratio Lower Upper

43 100

58 25.3 41.4 62.0#

57 24.9 15.0 22.4#

100 0.1 9.0 13.4#

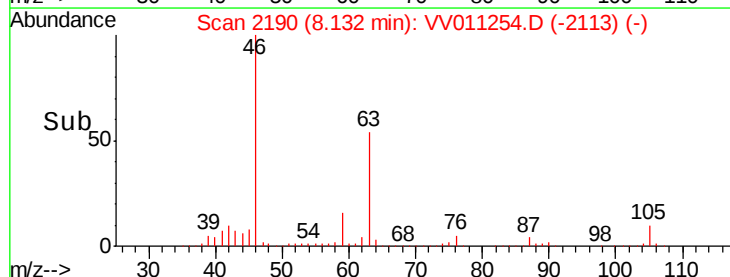
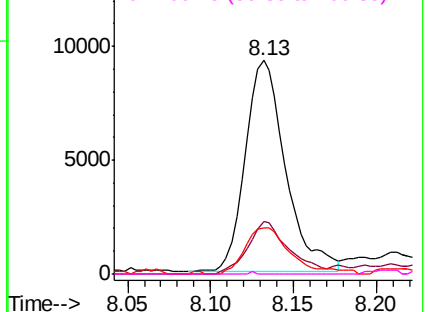


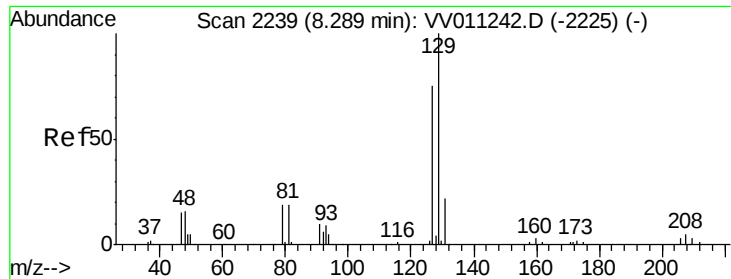
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.294 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV011254.D

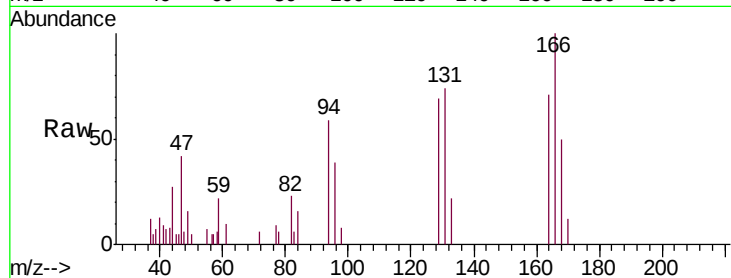
Acq: 06 Jun 2019 19:20

Instrument :

MSVOA_V

ClientSampleId :

P028-DELEG-1906-01

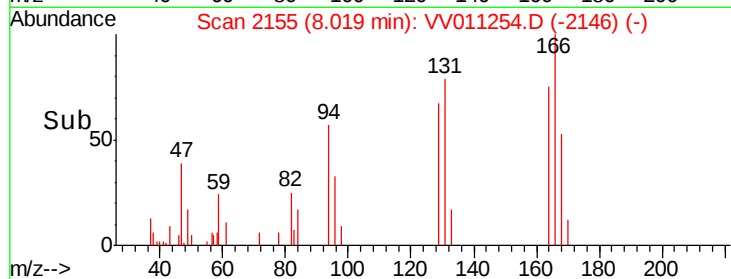


Tgt Ion:129 Resp: 2638

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

