

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016279.D
 Acq On : 28 May 2020 16:10
 Operator : SY/MD
 Sample : L2755-13DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:15:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88558	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86104	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23645	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	23555	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	36186	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	78109	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	4.38	84	53076	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	31027	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.08	84	107010	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.10	67	34281	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	93652	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
45) trans-1,3-Dichloropropene-	7.65	79	10964	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.12	63	56642	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23984	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	34508	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

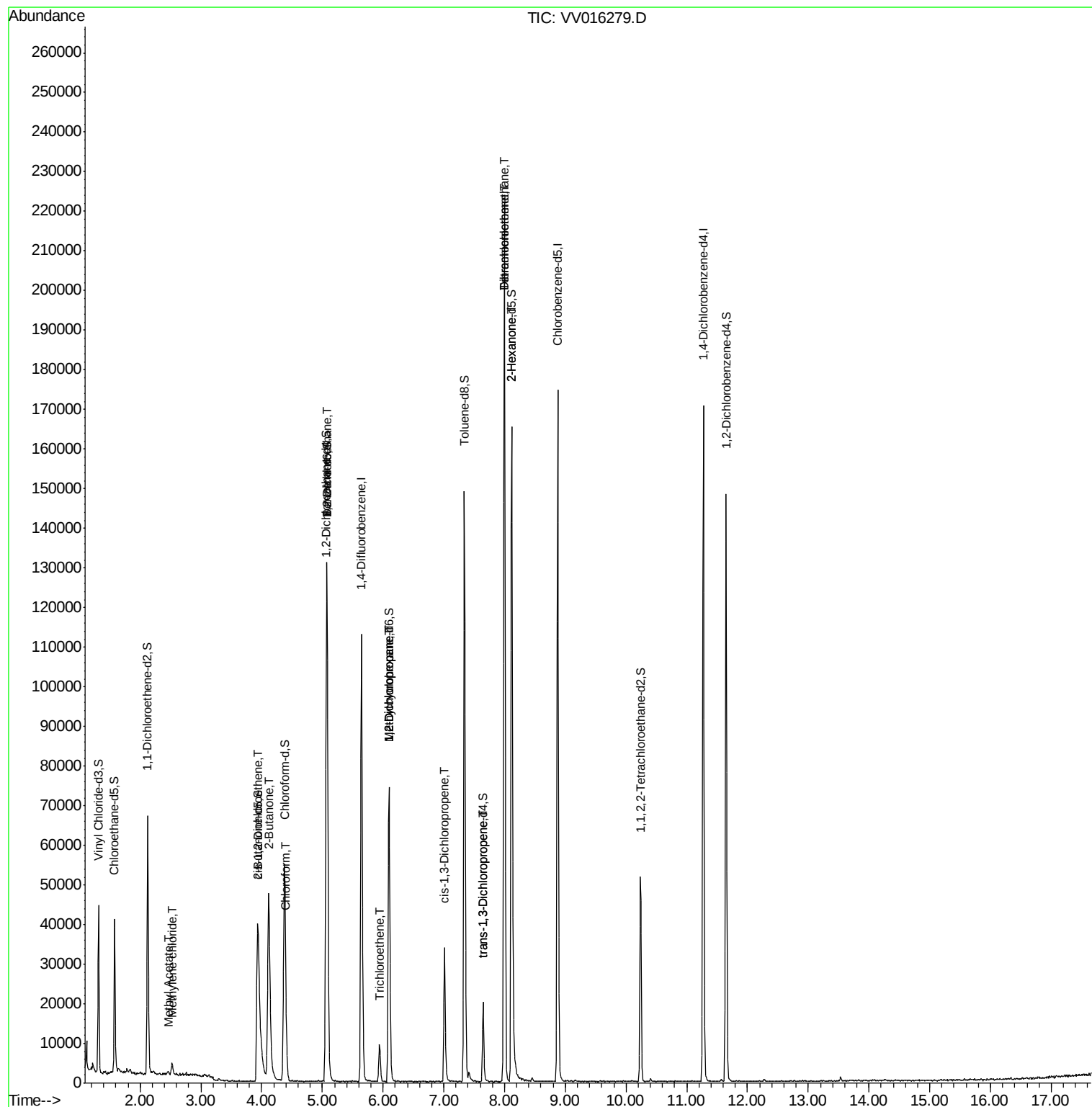
					Ovalue
15) Methyl Acetate	2.45	43	799	0.358 ug/L #	63
16) Methylene chloride	2.52	84	1034	0.173 ug/L	87
21) 2-Butanone	4.12	43	82832	53.319 ug/L #	57
22) cis-1,2-Dichloroethene	3.95	96	1078	0.159 ug/L	71
25) Chloroform	4.41	83	3017	0.263 ug/L	98
27) 1,2-Dichloroethane	5.08	62	655	0.087 ug/L #	79
34) Trichloroethene	5.94	95	2879	0.446 ug/L	90
35) Methylcyclohexane	6.10	83	8125	0.746 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	4256	0.700 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	856	0.099 ug/L #	54
46) trans-1,3-Dichloropropene	7.64	75	539	0.075 ug/L	93
49) Tetrachloroethene	8.00	164	43830	9.458 ug/L	97
50) 2-Hexanone	8.12	43	8682	3.293 ug/L #	71
51) Dibromochloromethane	8.00	129	42603	10.063 ug/L #	10

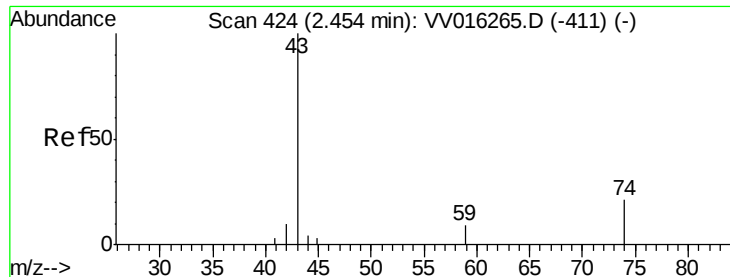
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.358 ug/L

RT: 2.45 min Scan# 424

Delta R.T. 0.00 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

Instrument :

MSVOA_V

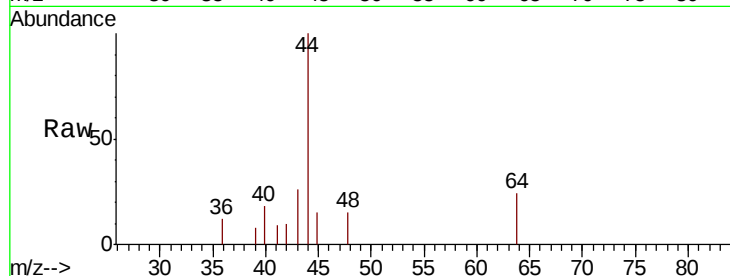
ClientSampled :

Tot Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

74 4.9 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.45

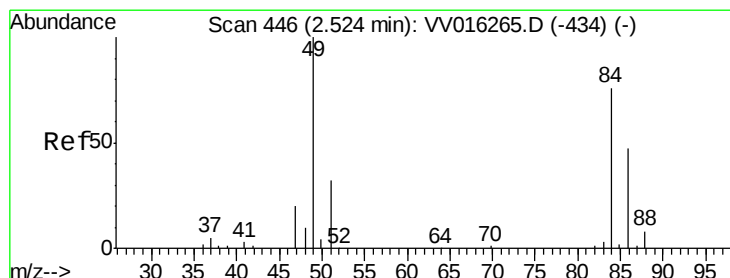
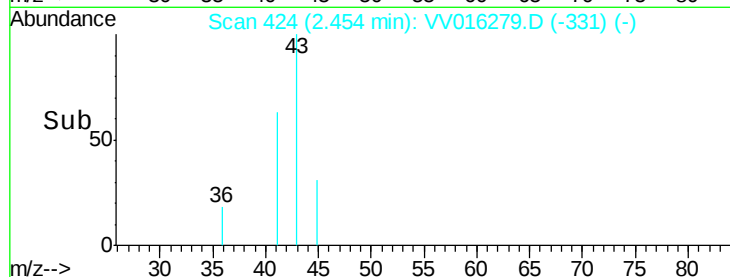
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 0.173 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

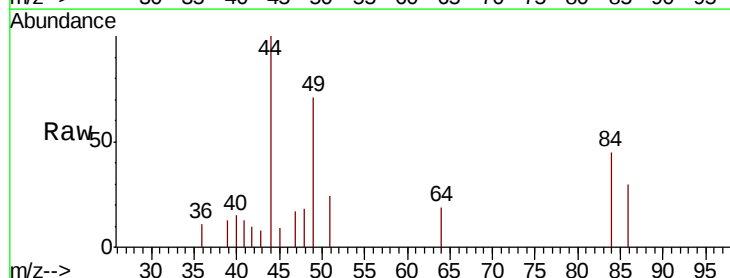
Tgt Ion: 84 Resp: 1034

Ion Ratio Lower Upper

84 100

86 67.1 44.9 83.5

49 158.5 96.7 179.7



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

1200

1000

800

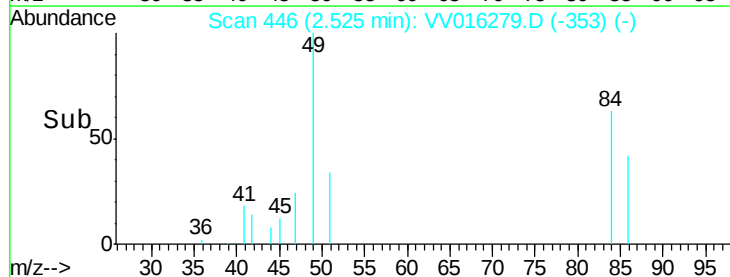
600

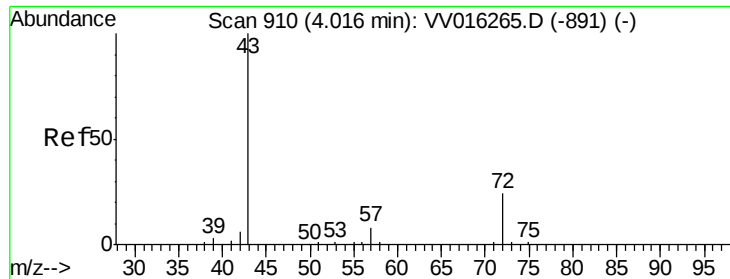
400

200

0

Time-->





#21

2-Butanone

Concen: 53.319 ug/L

RT: 4.12 min Scan# 941

Delta R.T. 0.10 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

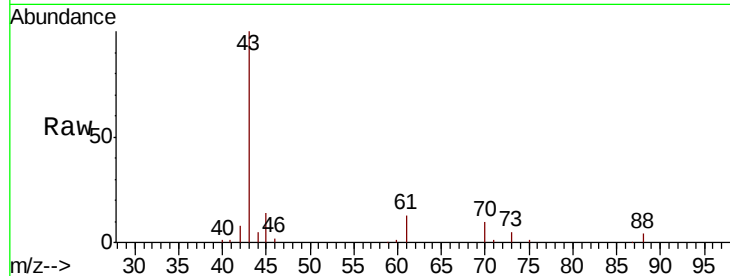
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 82832

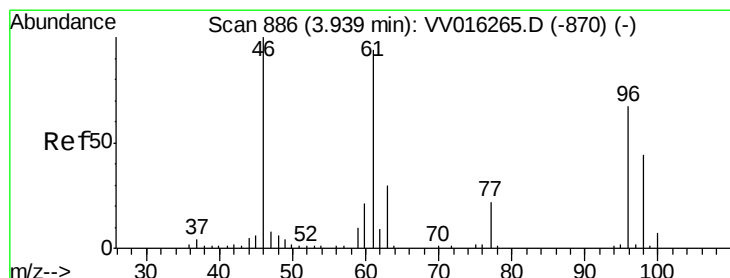
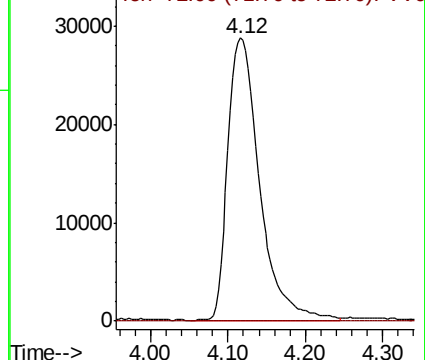
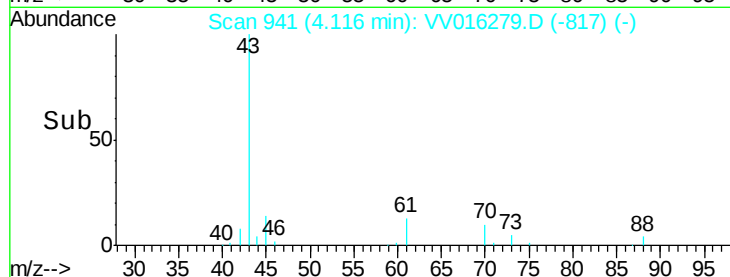
Ion Ratio Lower Upper

43 100

72 0.0 9.7 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV016279.D (-817) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.159 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

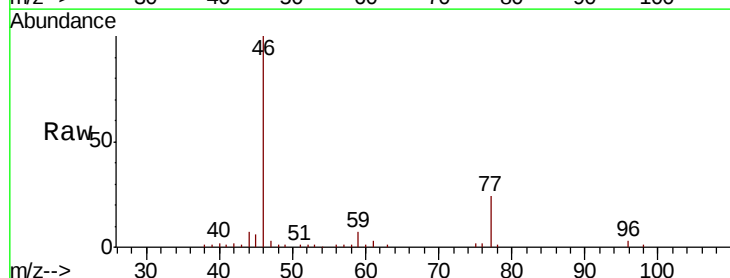
Tgt Ion: 96 Resp: 1078

Ion Ratio Lower Upper

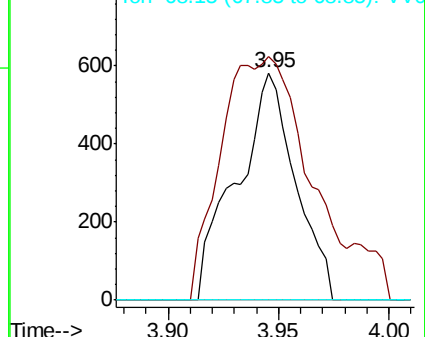
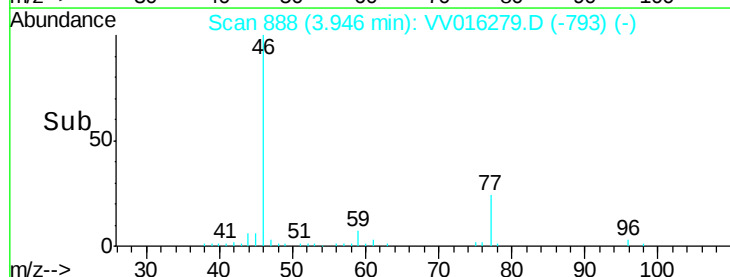
96 100

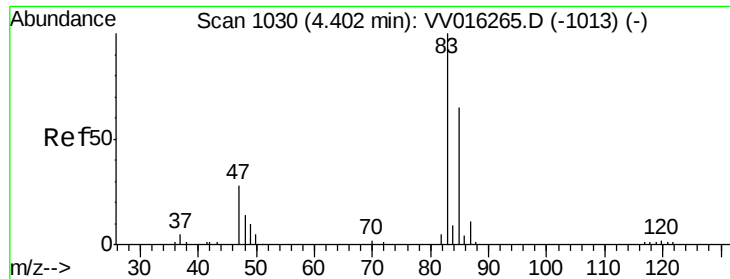
61 107.0 99.7 185.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016279.D (-793) (-)

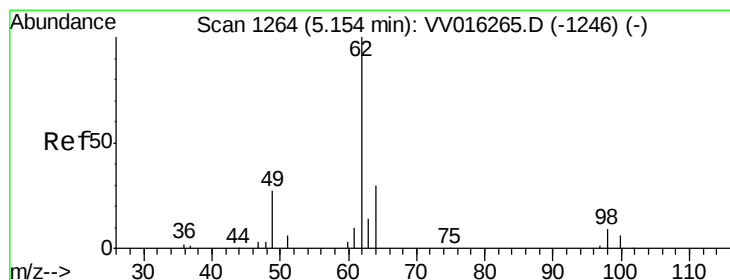
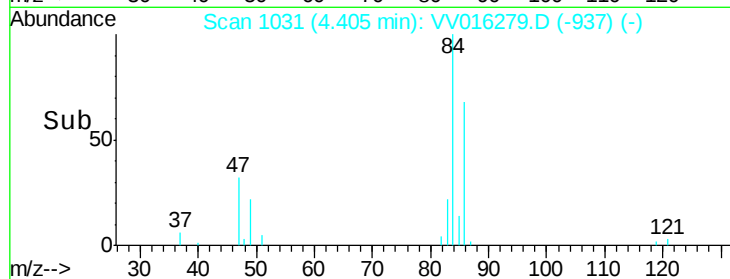
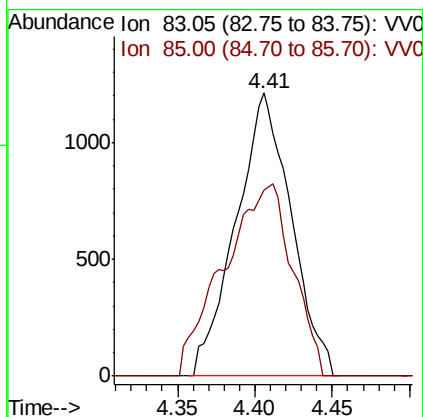
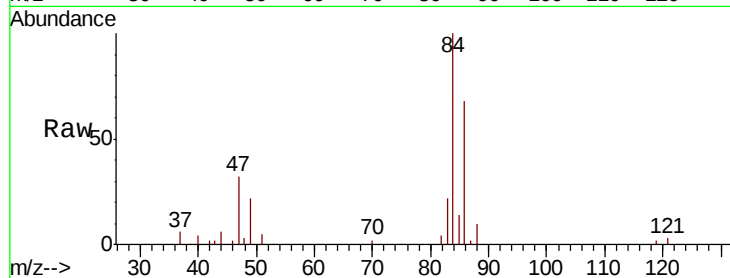




#25
Chloroform
Concen: 0.263 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016279.D
Acq: 28 May 2020 16:10

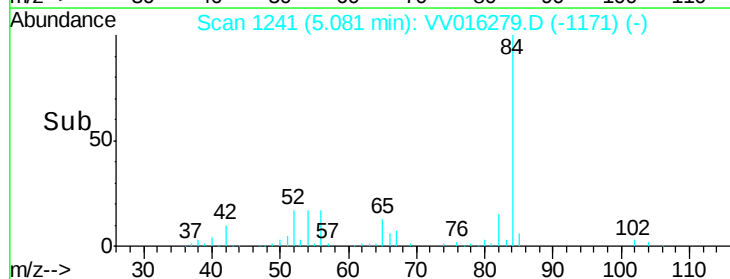
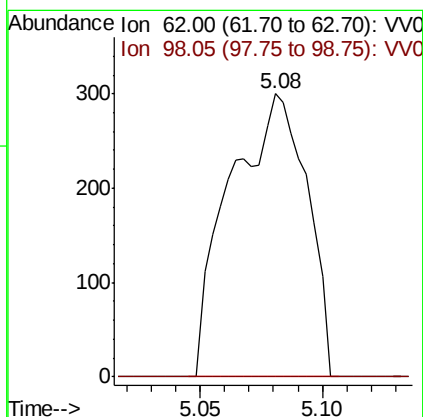
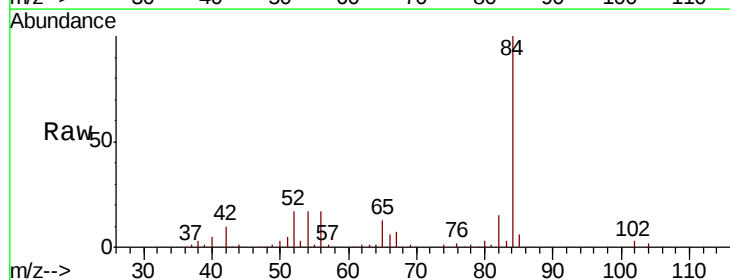
Instrument :
MSVOA_V
ClientSampled :

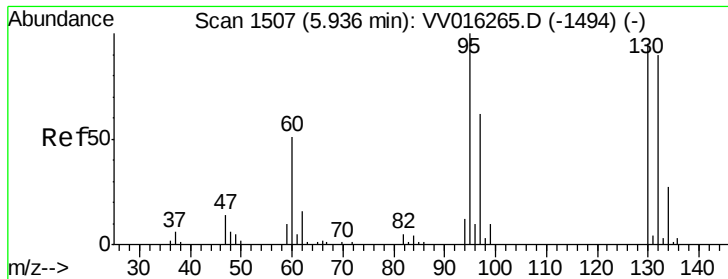
Tot Ion: 83 Resp: 3017
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV016279.D
Acq: 28 May 2020 16:10

Tgt Ion: 62 Resp: 655
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





#34

Trichloroethene

Concen: 0.446 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 2879

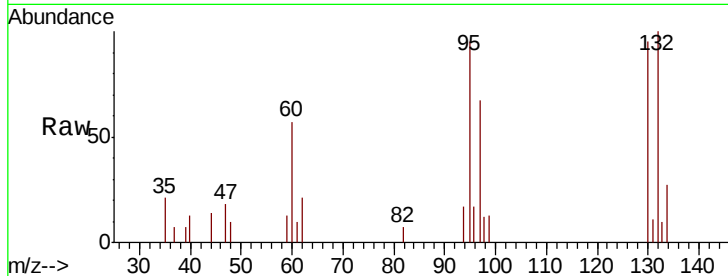
Ion Ratio Lower Upper

95 100

97 70.1 43.6 81.0

132 104.8 63.9 118.7

130 99.7 65.2 121.0

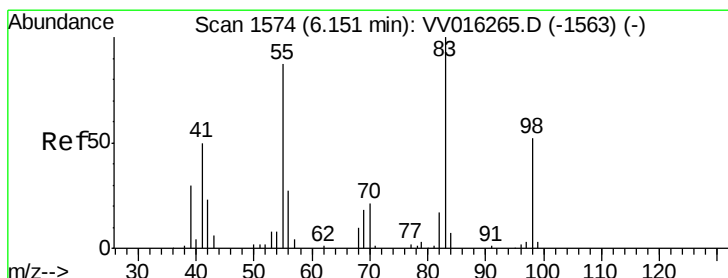
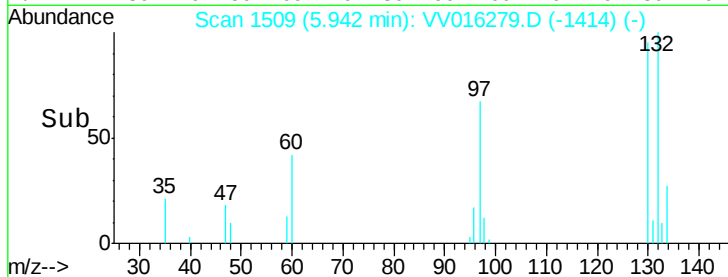
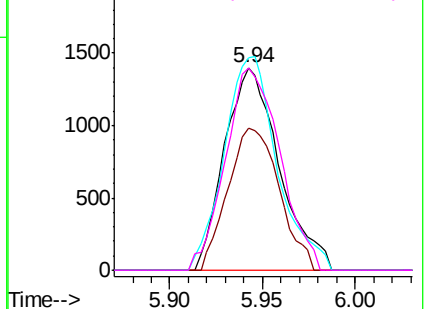


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

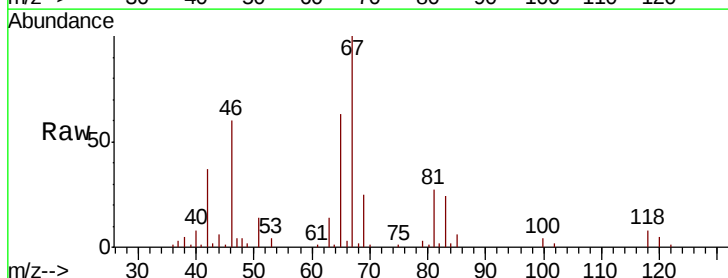
Tgt Ion: 83 Resp: 8125

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

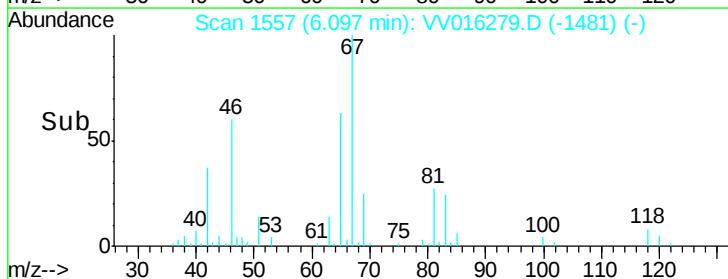
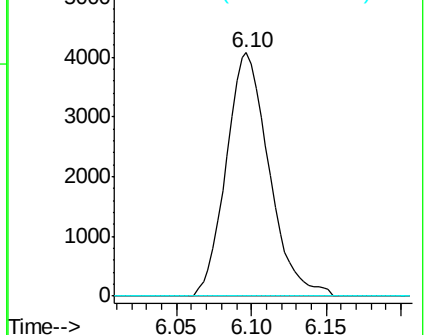
98 1.3 39.3 58.9#

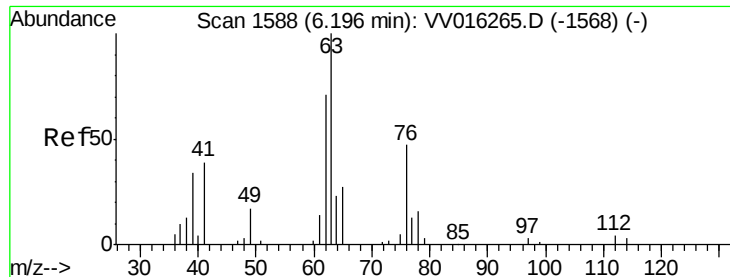


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

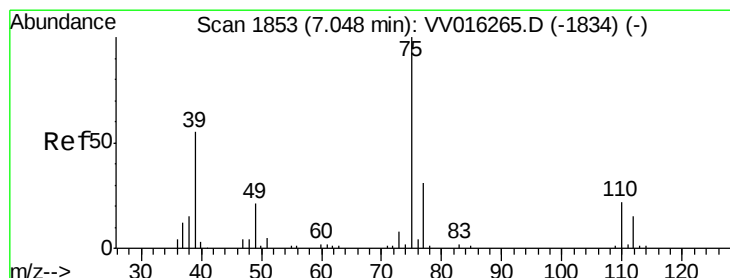
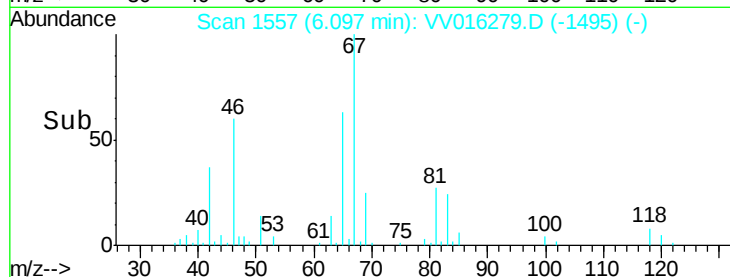
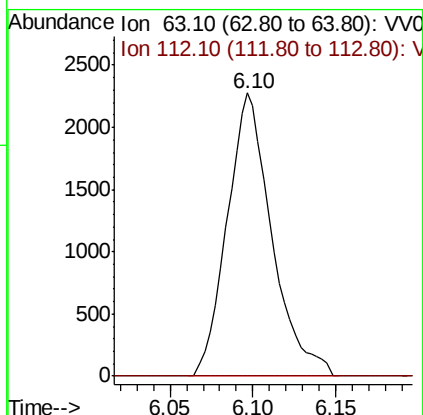
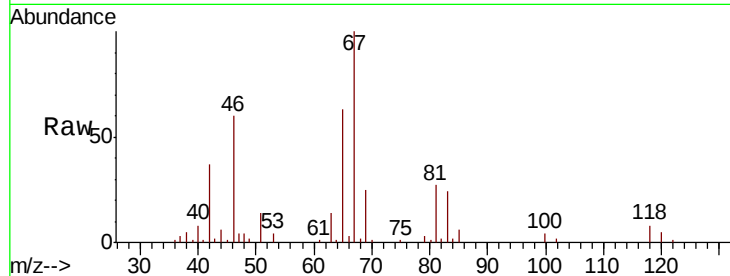




#37
 1,2-Dichloropropane
 Concen: 0.700 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016279.D
 Acq: 28 May 2020 16:10

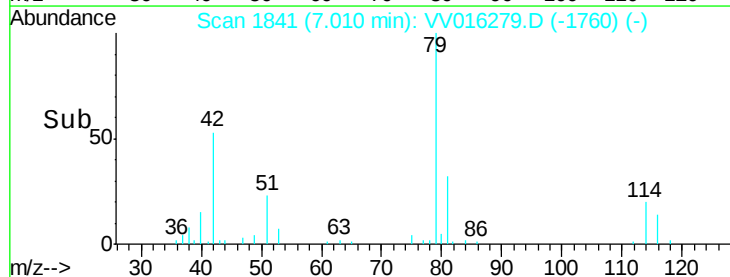
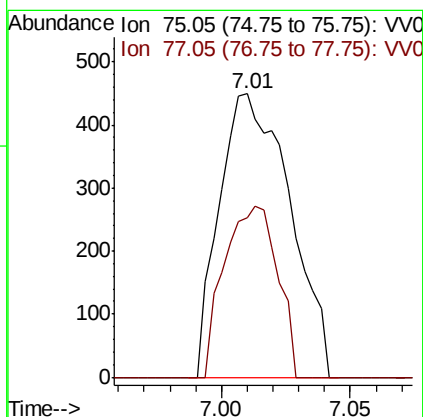
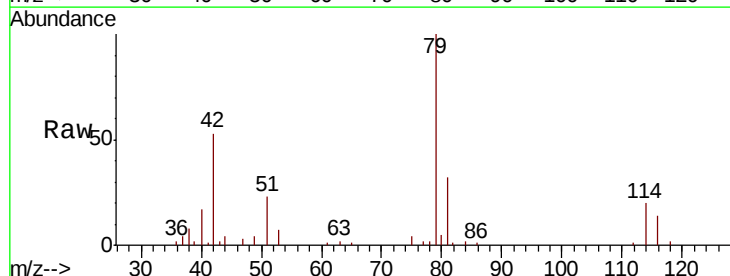
Instrument :
 MSVOA_V
 ClientSampleId :

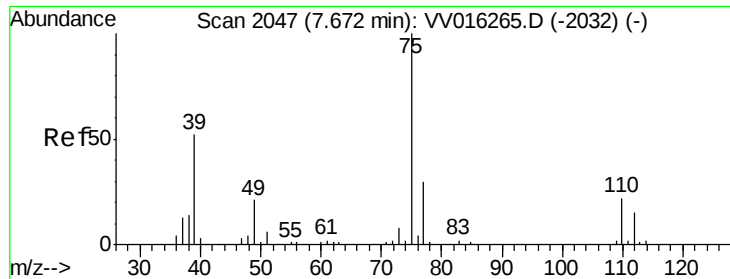
Tot Ion: 63 Resp: 4256
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016279.D
 Acq: 28 May 2020 16:10

Tgt Ion: 75 Resp: 856
 Ion Ratio Lower Upper
 75 100
 77 56.1 21.7 40.3#





#46

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

Instrument :

MSVOA_V

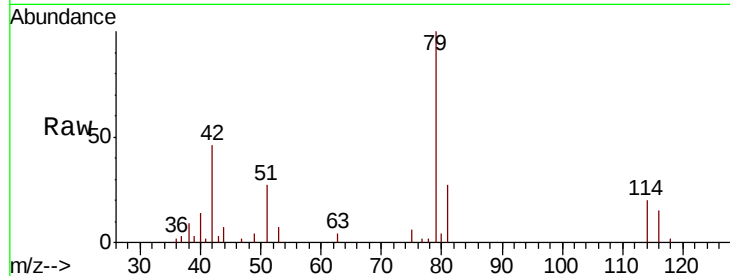
ClientSampleId :

Tot Ion: 75 Resp: 539

Ion Ratio Lower Upper

75 100

77 34.8 21.7 40.3



Abundance Ion 75.05 (74.75 to 75.75): VV016265.D (-2032) (-)

Ion 77.05 (76.75 to 77.75): VV016265.D (-2032) (-)

7.64

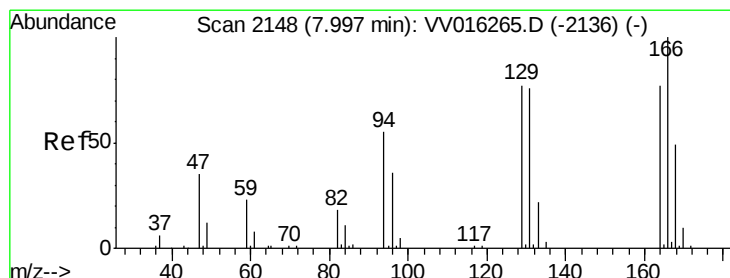
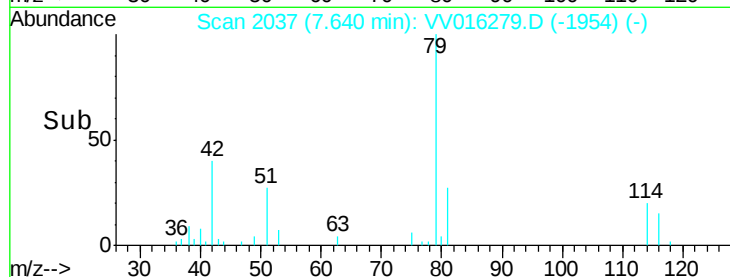
300

200

100

0

Time--> 7.60 7.62 7.64 7.66 7.68



#49

Tetrachloroethene

Concen: 9.458 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

Tgt Ion: 164 Resp: 43830

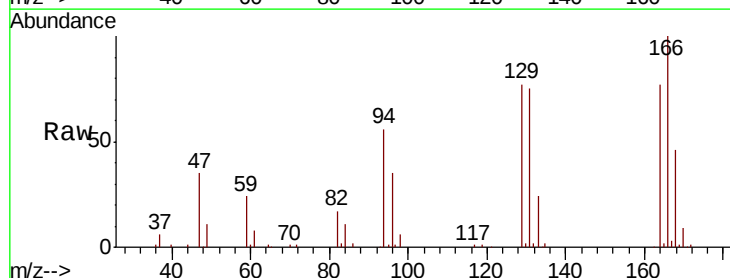
Ion Ratio Lower Upper

164 100

129 99.9 70.7 131.3

131 97.8 66.6 123.8

166 129.7 86.9 161.5



Abundance Ion 163.90 (163.60 to 164.60): VV016265.D (-2136) (-)

Ion 128.95 (128.65 to 129.65): VV016265.D (-2136) (-)

Ion 130.95 (130.65 to 131.65): VV016265.D (-2136) (-)

Ion 165.90 (165.60 to 166.60): VV016265.D (-2136) (-)

50000

40000

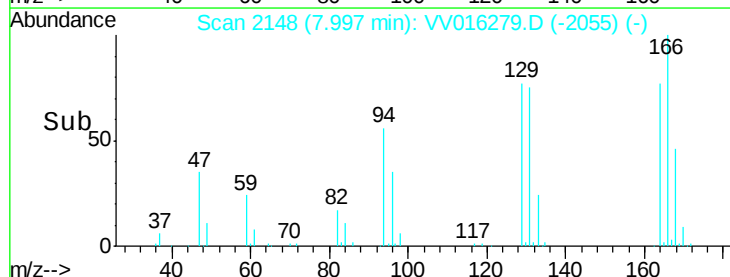
30000

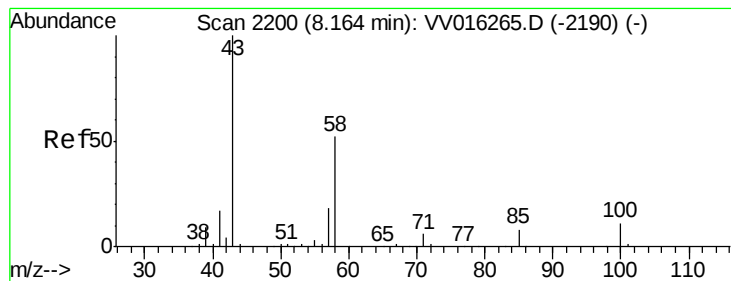
20000

10000

0

Time--> 7.95 8.00 8.05





#50

2-Hexanone

Concen: 3.293 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016279.D

Acq: 28 May 2020 16:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8682

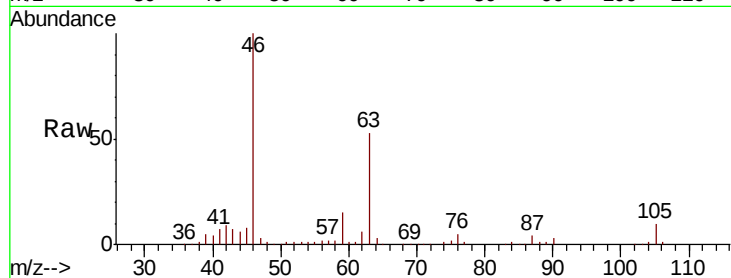
Ion Ratio Lower Upper

43 100

58 27.5 41.4 62.0#

57 24.1 15.0 22.4#

100 0.0 9.0 13.4#

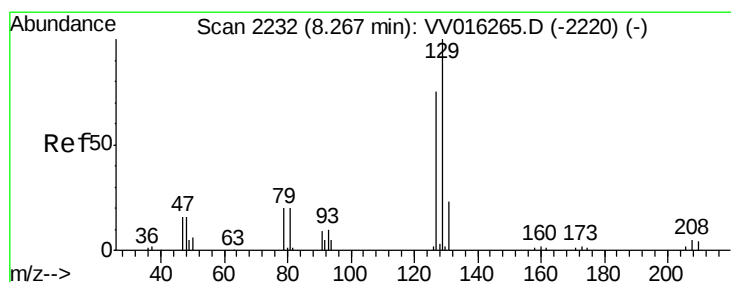
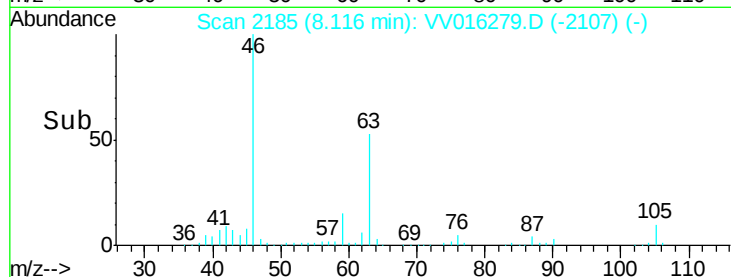
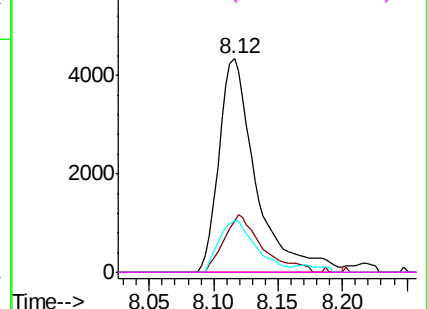


Abundance Ion 43.05 (42.75 to 43.75): VV016265.D (-2190) (-)

Ion 58.05 (57.75 to 58.75): VV016265.D (-2190) (-)

Ion 57.20 (56.90 to 57.90): VV016265.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV016265.D (-2190) (-)



#51

Dibromochloromethane

Concen: 10.063 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV016279.D

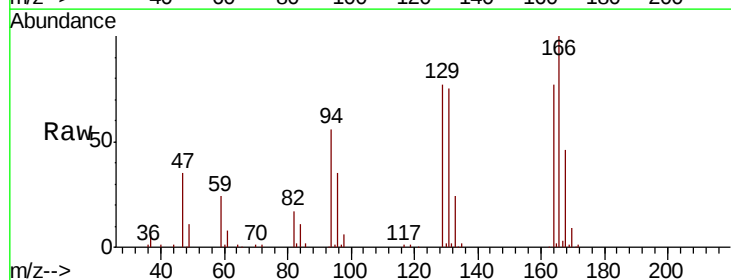
Acq: 28 May 2020 16:10

Tgt Ion: 129 Resp: 42603

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#



Abundance Ion 128.95 (128.65 to 129.65): VV016265.D (-2220) (-)

Ion 126.90 (126.60 to 127.60): VV016265.D (-2220) (-)

