

Data File : VV011395.D
Acq On : 11 Jun 2019 15:27
Operator : SY/MD
Sample : K3226-03DL 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN9DL

Quant Time: Jun 12 02:53:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35241	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.57	69	34666	3.68	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.12	63	61001	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	3.96	46	128114	50.21	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.40	84	84045	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	48882	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.09	84	160688	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.12	67	51827	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	135348	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.66	79	14488	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.14	63	92574	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36858	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	43303	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	2205	0.155 ug/L	96
5) Vinyl chloride	1.32	62	25326	1.840 ug/L	98
6) Bromomethane	1.53	94	1314	0.184 ug/L	76
8) Chloroethane	1.51	64	1114	0.127 ug/L #	57
12) 1,1-Dichloroethene	2.13	96	1605	0.170 ug/L #	1
17) Methyl tert-butyl Ether	2.81	73	5066	0.201 ug/L #	74
18) trans-1,2-Dichloroethene	2.78	96	2531	0.240 ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	284661	24.360 ug/L #	98
27) 1,2-Dichloroethane	5.10	62	1655	0.126 ug/L #	76
34) Trichloroethene	5.96	95	1039699	94.998 ug/L	97
35) Methylcyclohexane	6.11	83	12442	0.687 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1480	0.096 ug/L #	75
47) Tetrachloroethene	8.02	164	3200	0.405 ug/L	90
48) 2-Hexanone	8.14	43	13282	2.836 ug/L #	70
49) Dibromochloromethane	8.01	129	3077	0.401 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data File : VV011395.D

Acq On : 11 Jun 2019 15:27

Operator : SY/MD

Sample : K3226-03DL 50X

Misc : 25ML/MSVOA_V/WATER

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
BFCN9DL

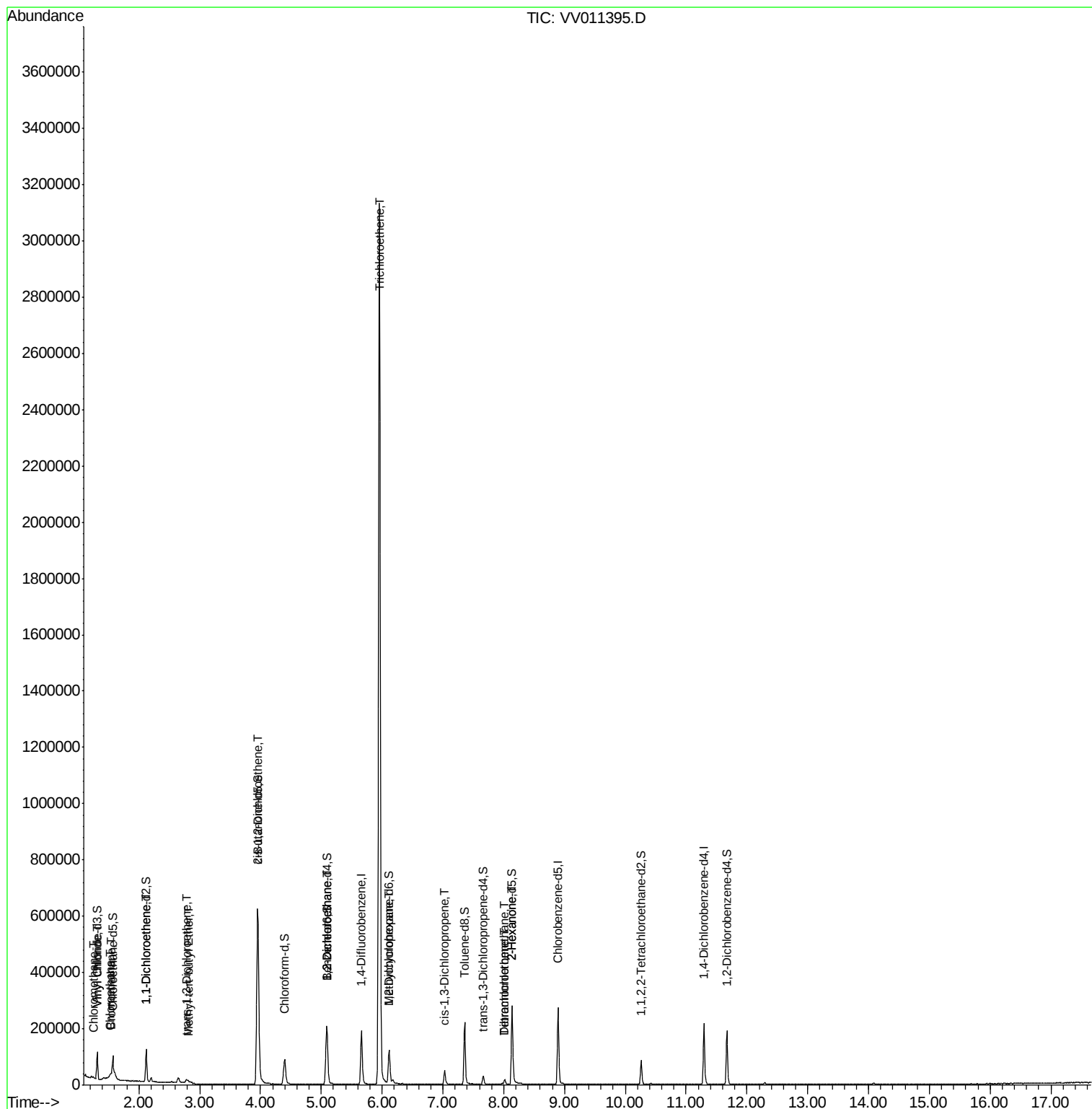
Quant Time: Jun 12 02:53:57 2019

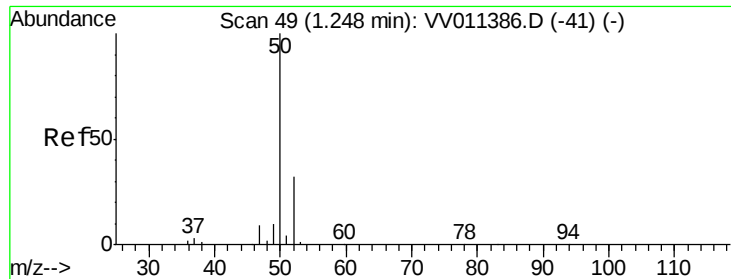
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Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Jun 12 02:48:56 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.155 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

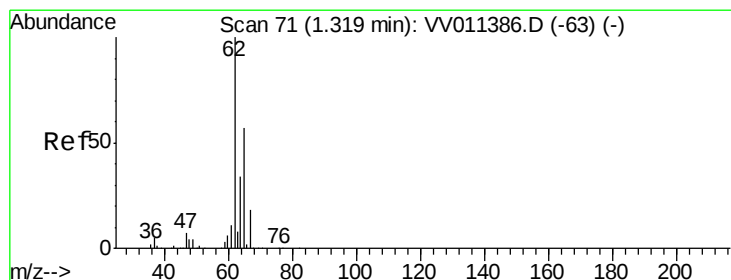
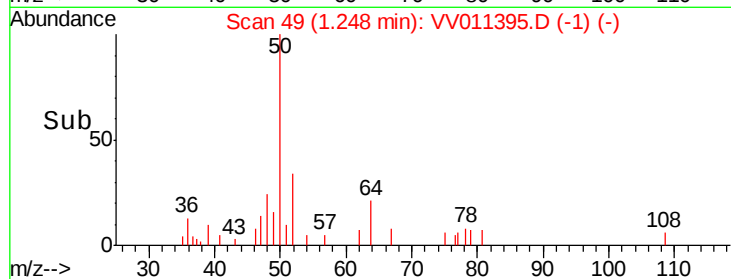
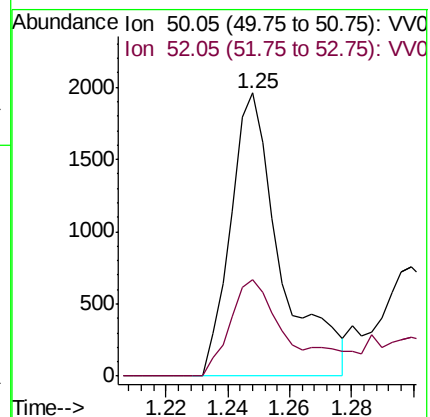
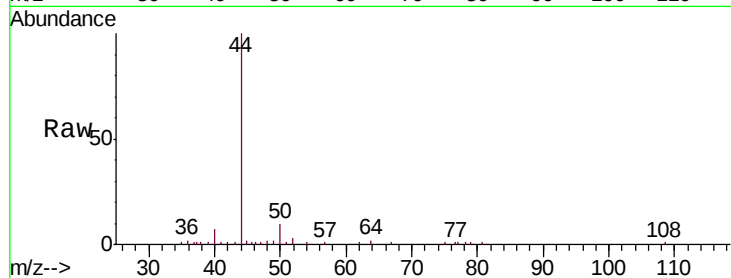
BFCN9DL

Tgt Ion: 50 Resp: 2205

Ion Ratio Lower Upper

50 100

52 34.2 22.3 41.5



#5

Vinyl chloride

Concen: 1.840 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011395.D

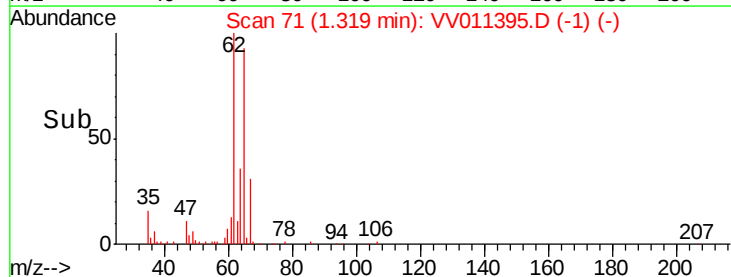
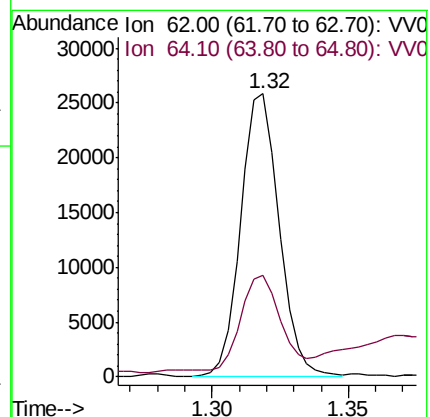
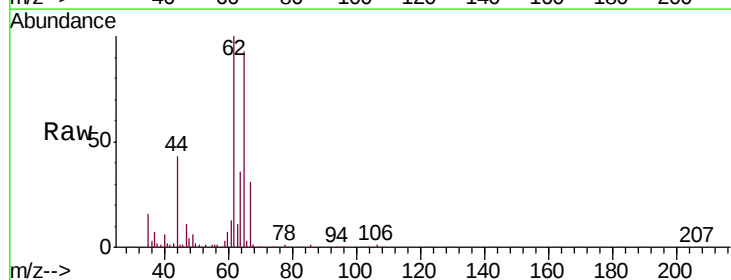
Acq: 11 Jun 2019 15:27

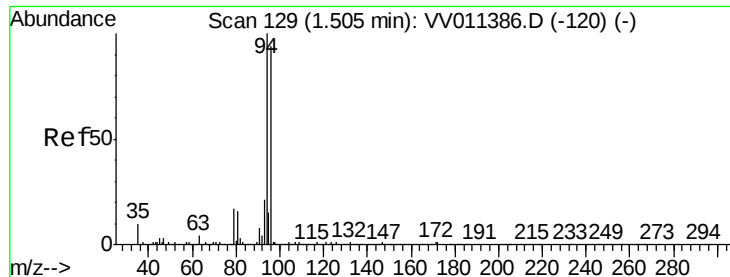
Tgt Ion: 62 Resp: 25326

Ion Ratio Lower Upper

62 100

64 35.7 25.9 48.1





#6

Bromomethane

Concen: 0.184 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.03 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

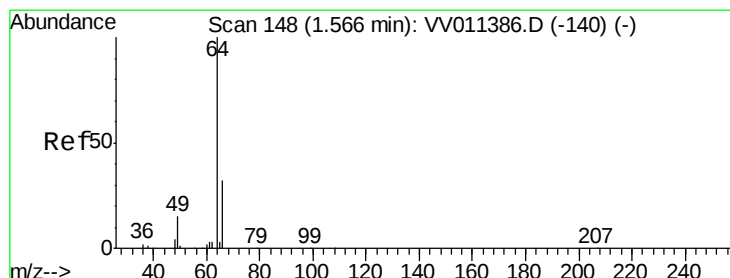
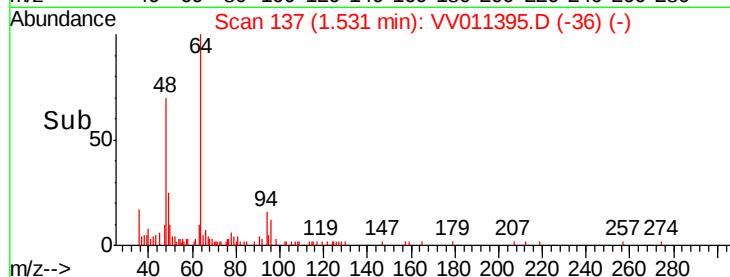
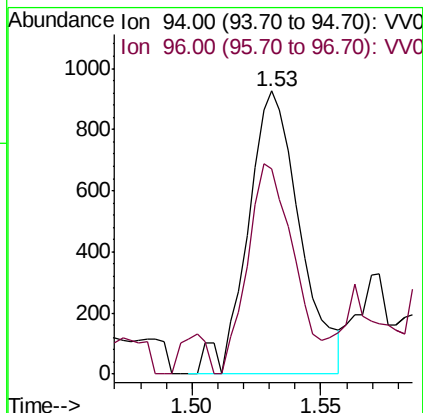
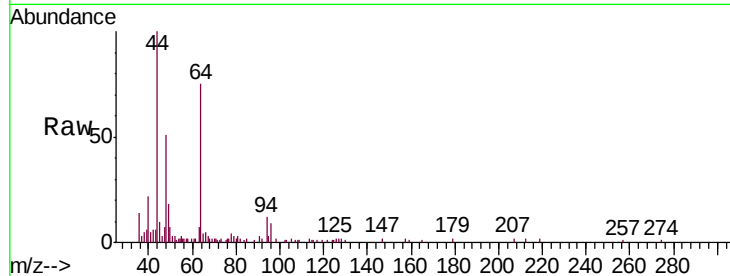
BFCN9DL

Tgt Ion: 94 Resp: 1314

Ion Ratio Lower Upper

94 100

96 72.7 67.0 124.4



#8

Chloroethane

Concen: 0.127 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.05 min

Lab File: VV011395.D

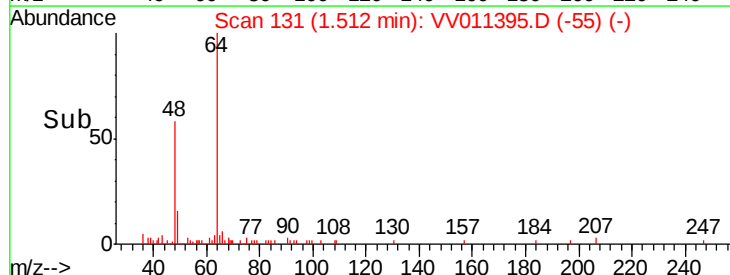
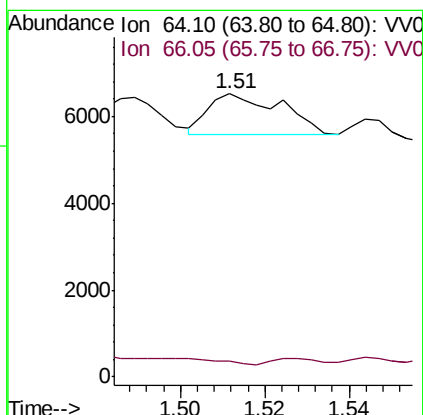
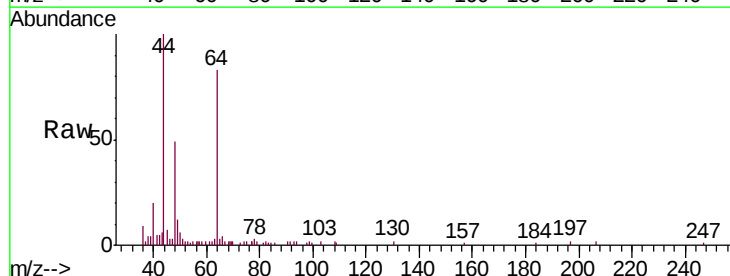
Acq: 11 Jun 2019 15:27

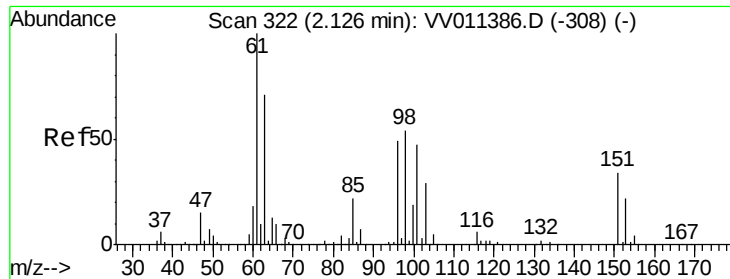
Tgt Ion: 64 Resp: 1114

Ion Ratio Lower Upper

64 100

66 5.2 19.4 36.0#





#12

1,1-Dichloroethene

Concen: 0.170 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

BFCN9DL

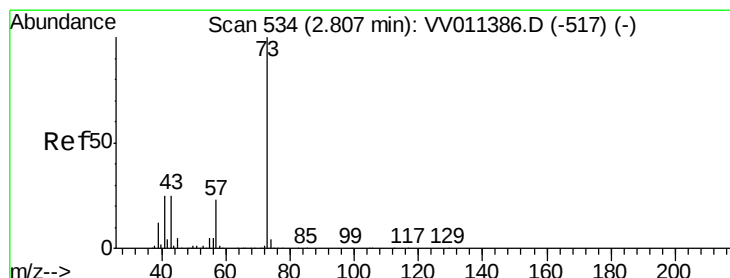
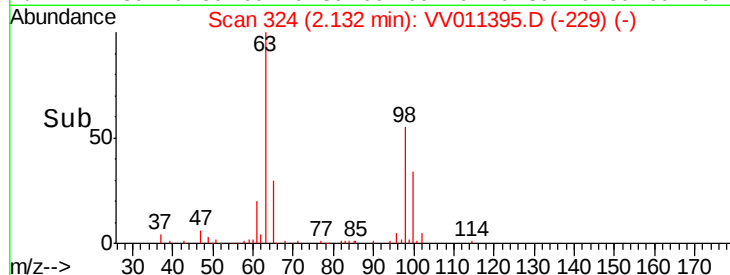
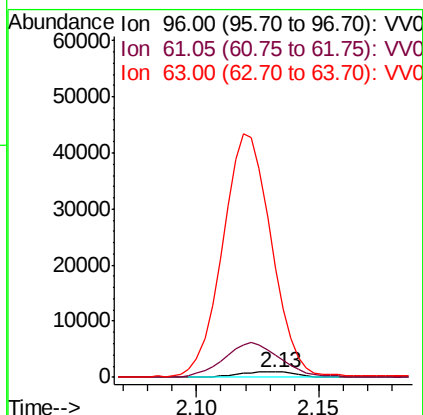
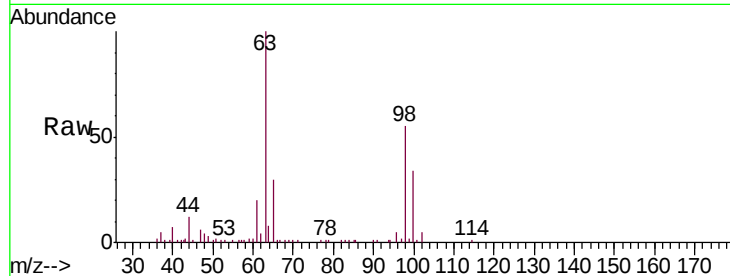
Tgt Ion: 96 Resp: 1605

Ion Ratio Lower Upper

96 100

61 395.4 139.8 259.6#

63 1995.5 94.3 175.1#



#17

Methyl tert-butyl Ether

Concen: 0.201 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

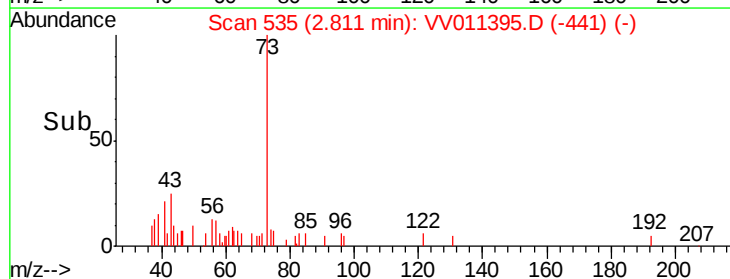
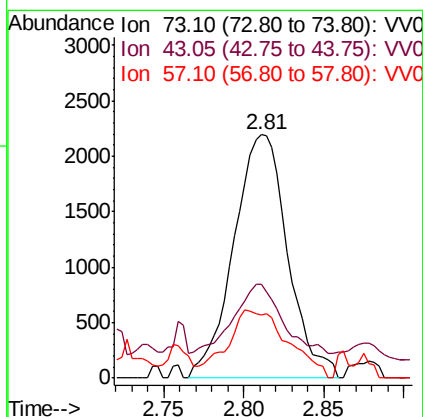
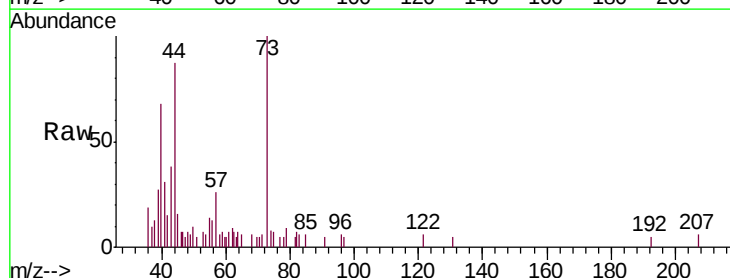
Tgt Ion: 73 Resp: 5066

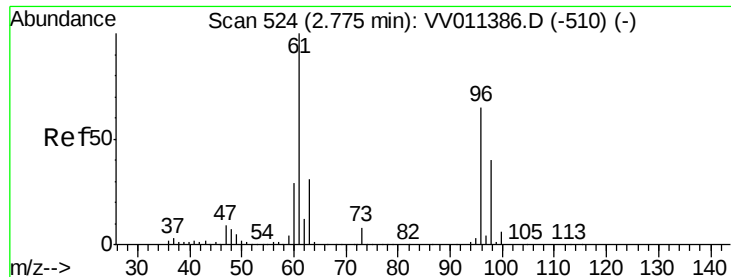
Ion Ratio Lower Upper

73 100

43 39.4 18.7 28.1#

57 31.5 18.1 27.1#

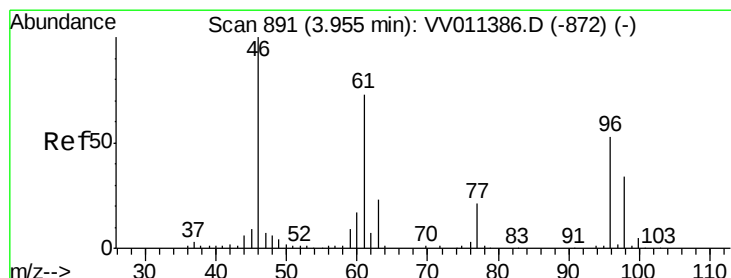
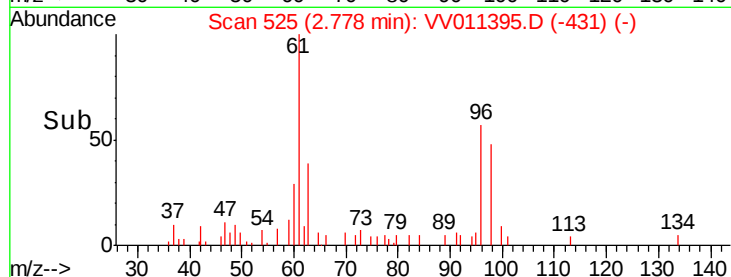
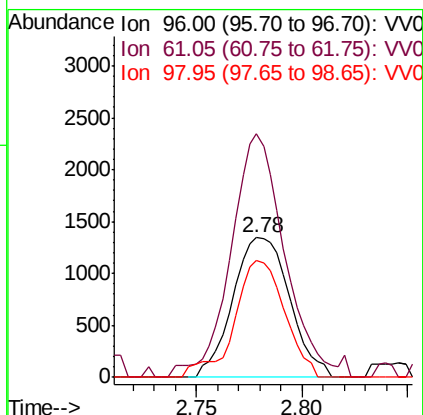
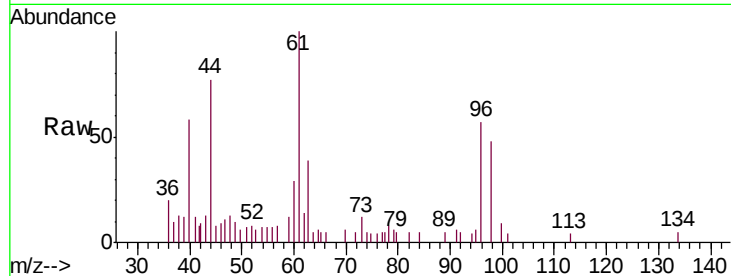




#18
trans-1,2-Dichloroethene
Concen: 0.240 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV011395.D
Acq: 11 Jun 2019 15:27

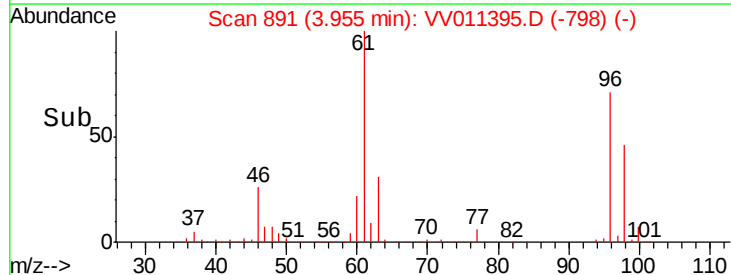
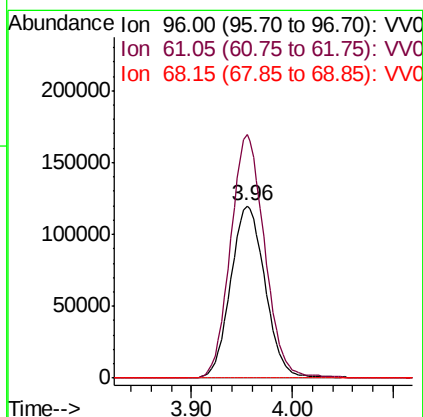
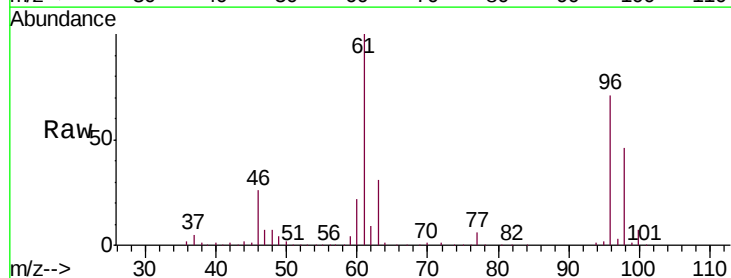
Instrument :
MSVOA_V
ClientSampleId :
BFCN9DL

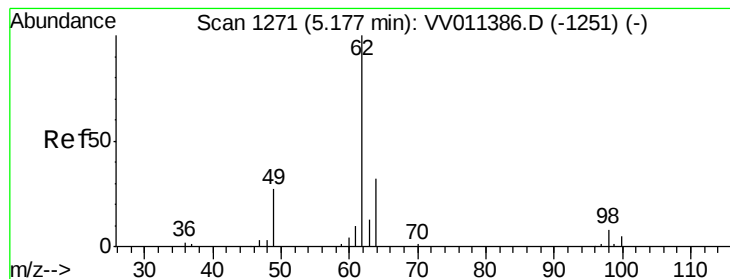
Tgt Ion: 96 Resp: 2531
Ion Ratio Lower Upper
96 100
61 174.6 104.0 193.2
98 83.5 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 24.360 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011395.D
Acq: 11 Jun 2019 15:27

Tgt Ion: 96 Resp: 284661
Ion Ratio Lower Upper
96 100
61 141.1 100.8 187.2
68 0.1 0.0 0.0#





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

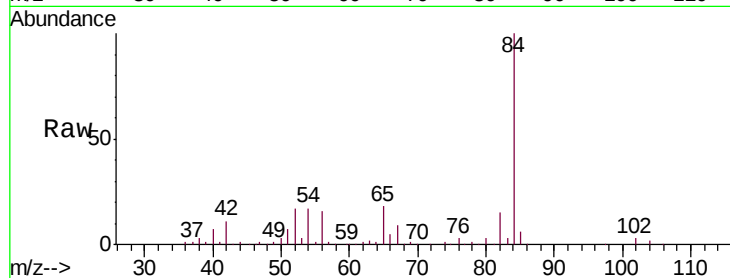
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Tgt Ion: 62 Resp: 1655

Ion Ratio Lower Upper

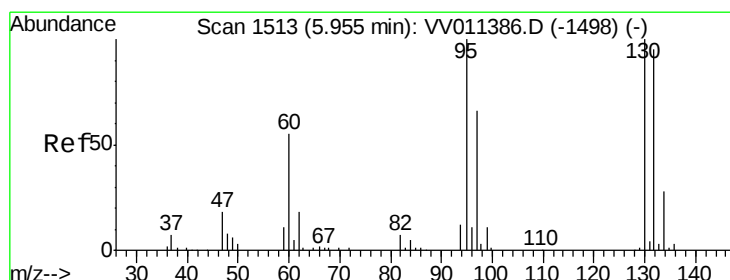
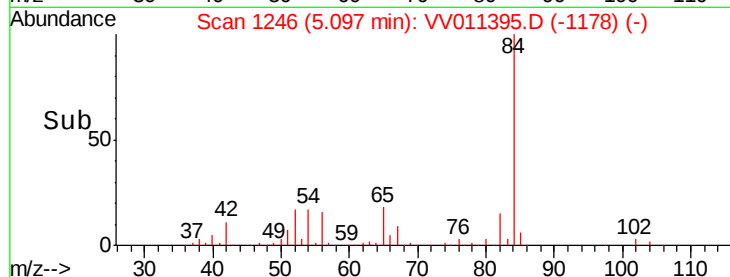
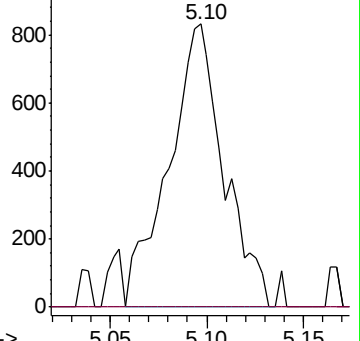
62 100

98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#34

Trichloroethene

Concen: 94.998 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Tgt Ion: 95 Resp: 1039699

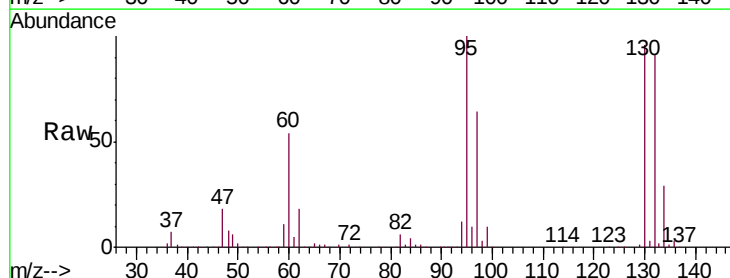
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 91.0 66.4 123.2

130 95.6 68.3 126.8

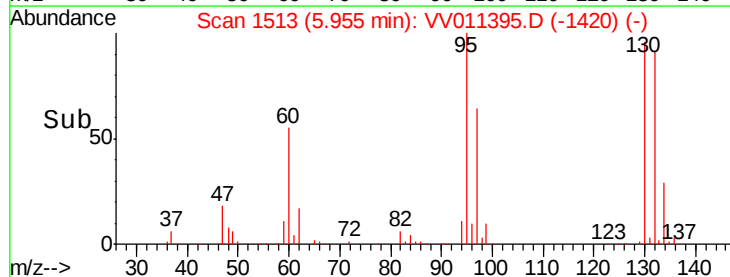
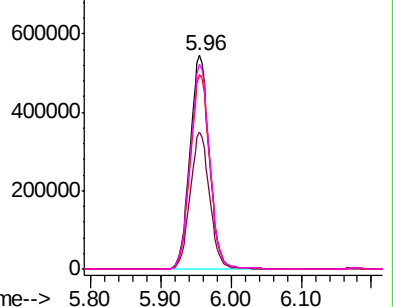


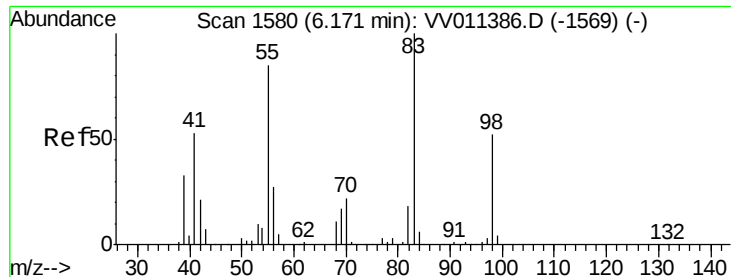
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.687 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

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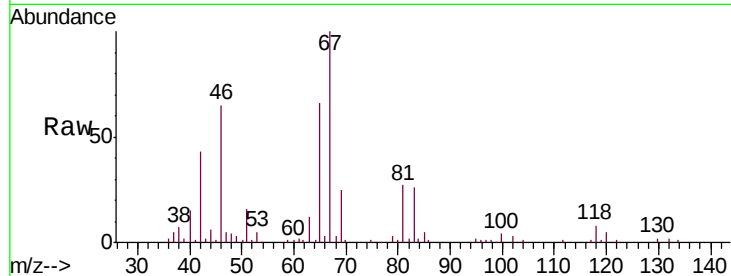
Tgt Ion: 83 Resp: 12442

Ion Ratio Lower Upper

83 100

55 1.7 67.0 100.6#

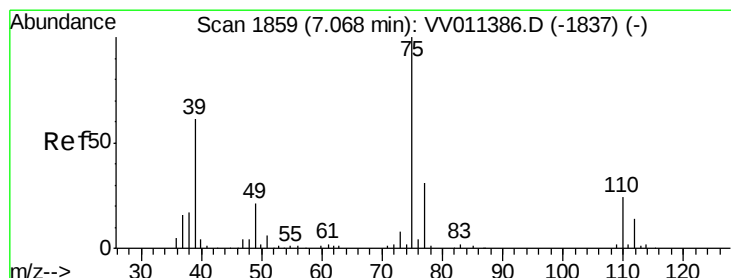
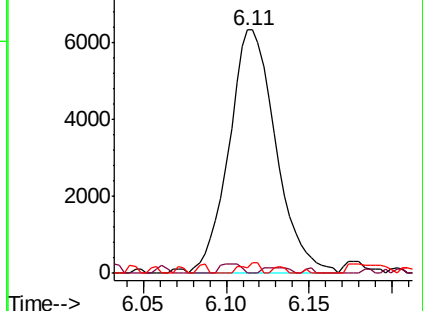
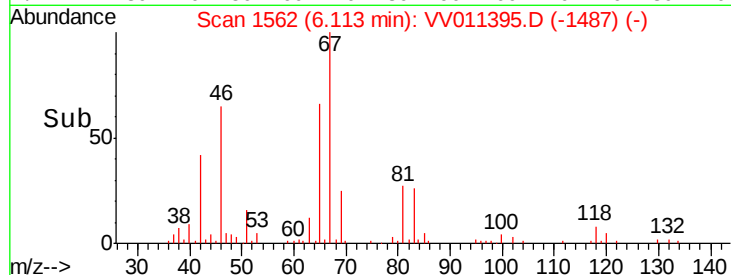
98 0.0 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV011386.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV011386.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV011386.D (-1569) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011395.D

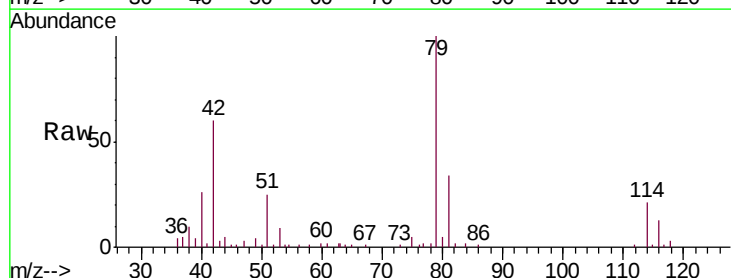
Acq: 11 Jun 2019 15:27

Tgt Ion: 75 Resp: 1480

Ion Ratio Lower Upper

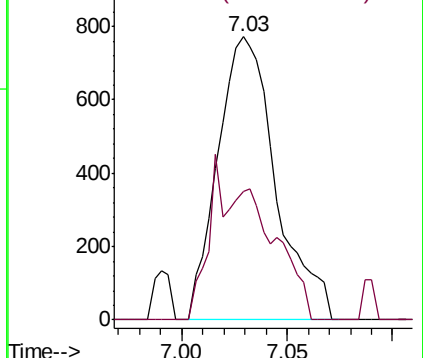
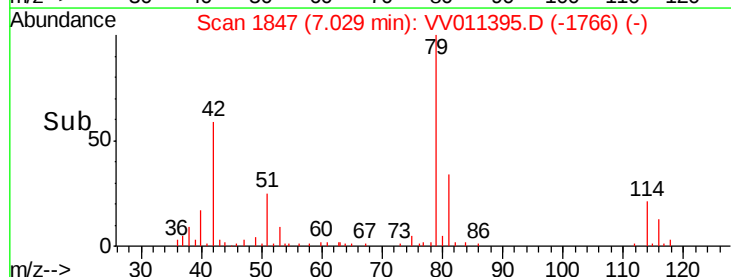
75 100

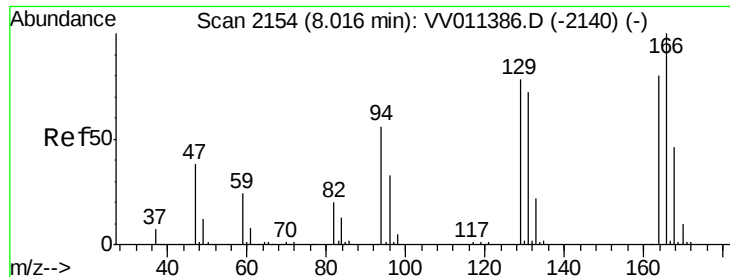
77 45.5 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011386.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV011386.D (-1837) (-)

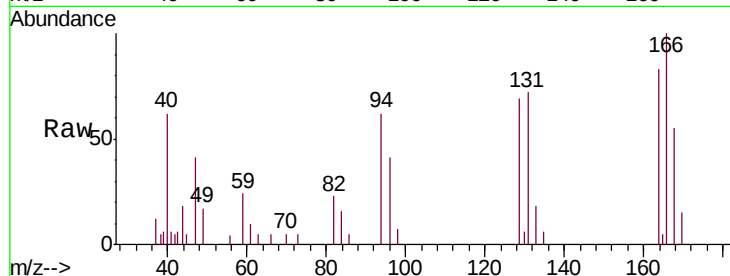




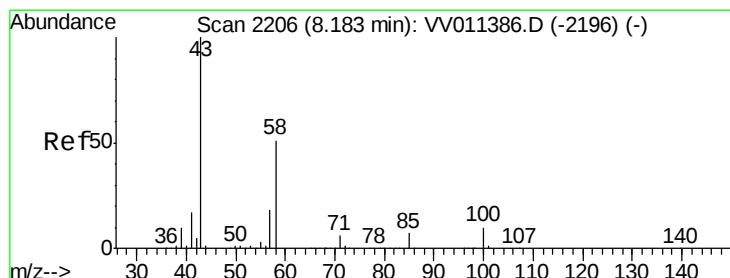
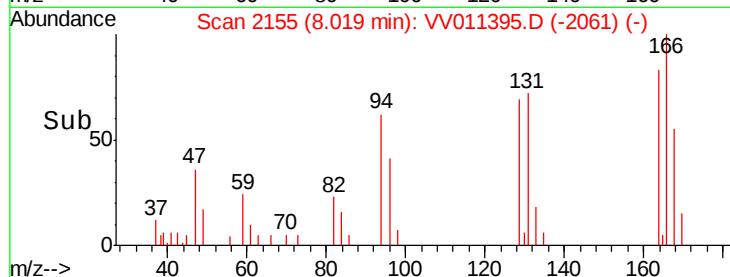
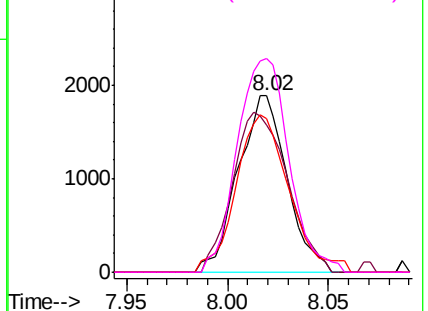
#47
Tetrachloroethene
Concen: 0.405 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV011395.D
Acq: 11 Jun 2019 15:27

Instrument :
MSVOA_V
ClientSampleId :
BFCN9DL

Tgt Ion:164 Resp: 3200
Ion Ratio Lower Upper
164 100
129 83.1 69.9 129.9
131 87.1 66.8 124.2
166 121.0 90.2 167.6

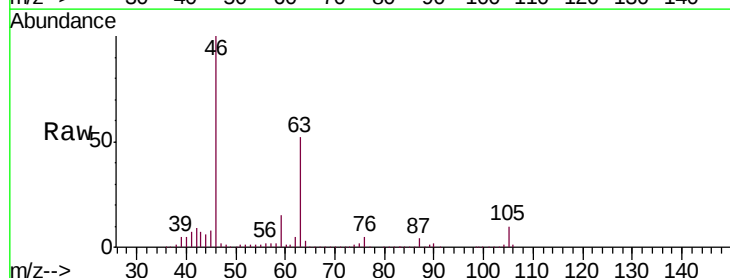


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

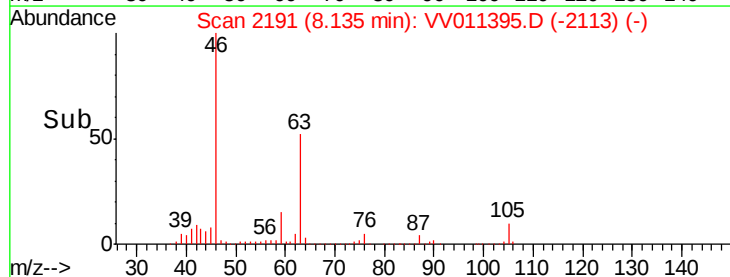
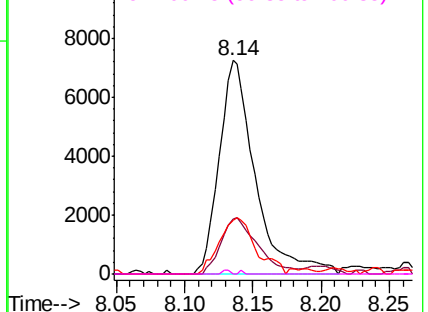


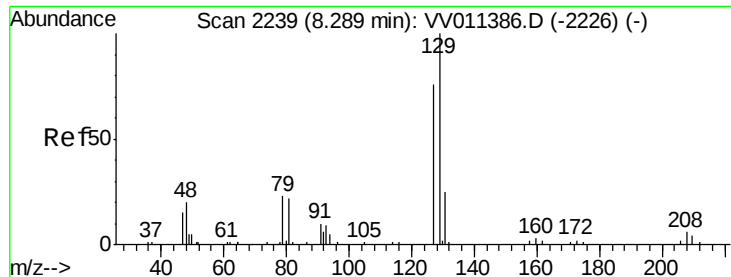
#48
2-Hexanone
Concen: 2.836 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011395.D
Acq: 11 Jun 2019 15:27

Tgt Ion: 43 Resp: 13282
Ion Ratio Lower Upper
43 100
58 26.9 41.4 62.0#
57 26.5 15.0 22.4#
100 0.2 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: 0.401 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.28 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

BFCN9DL

Tgt Ion:129 Resp: 3077

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#

