

Data File : VV011397.D
Acq On : 11 Jun 2019 17:02
Operator : SY/MD
Sample : K3226-17DL 40X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP1DL

Quant Time: Jun 12 02:54:14 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	152540	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33802	2.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.40%
7) Chloroethane-d5	1.55	69	34835	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.11	63	59724	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	3.94	46	125901	48.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.39	84	82452	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.07	65	48130	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.09	84	157631	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.11	67	50810	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.35	98	133017	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	7.66	79	13555	2.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.80%#
46) 2-Hexanone-d5	8.13	63	94291	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37306	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	46127	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

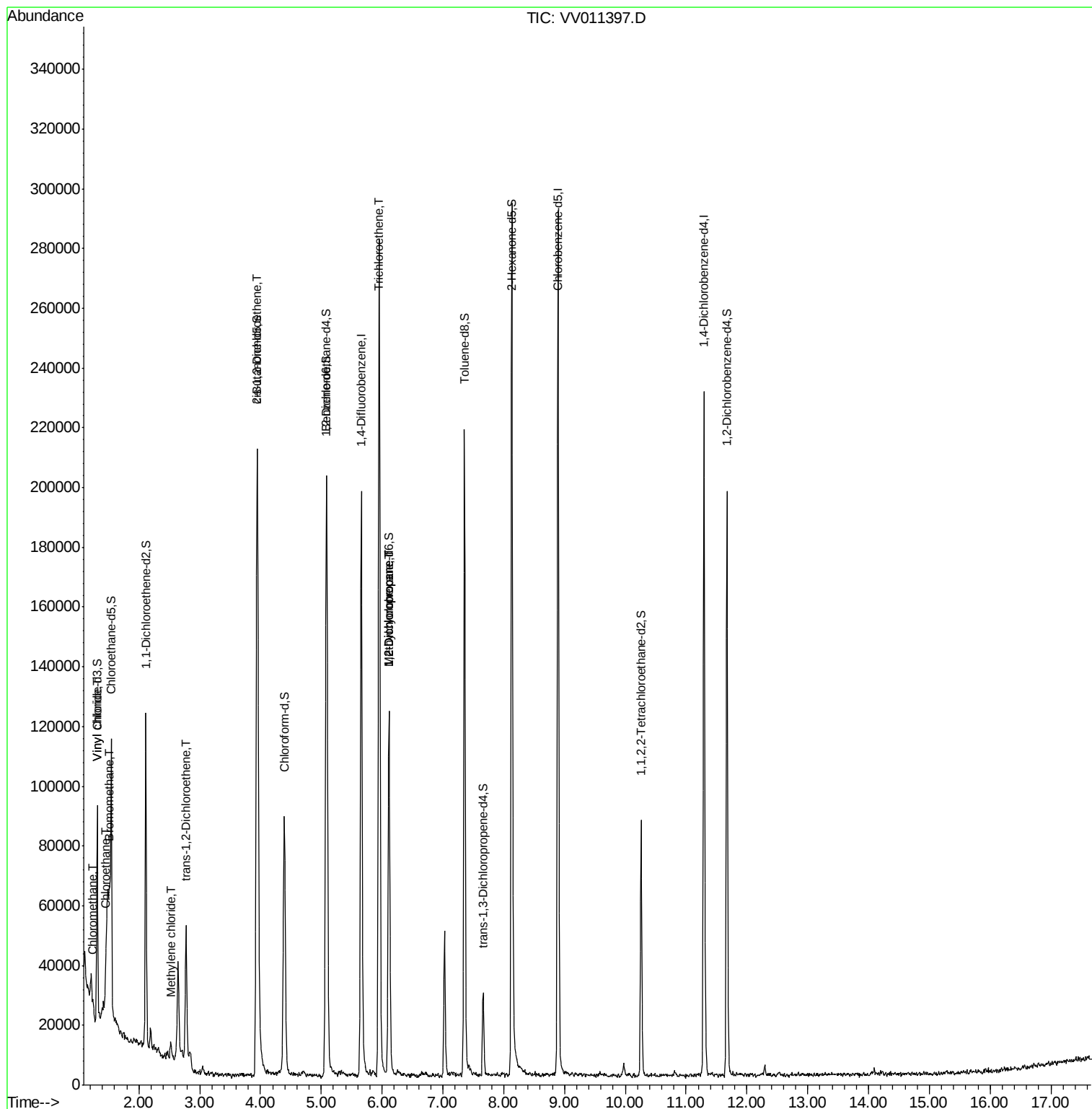
						Qvalue
3) Chloromethane	1.25	50	1840	0.126	ug/L	91
5) Vinyl chloride	1.32	62	4212	0.300	ug/L #	1
6) Bromomethane	1.51	94	1208	0.165	ug/L	92
8) Chloroethane	1.45	64	2966	0.331	ug/L #	60
16) Methylene chloride	2.52	84	1324	0.134	ug/L	92
18) trans-1,2-Dichloroethene	2.78	96	14306	1.330	ug/L	93
22) cis-1,2-Dichloroethene	3.95	96	73161	6.139	ug/L	97
34) Trichloroethene	5.95	95	94444	8.003	ug/L	99
35) Methylcyclohexane	6.12	83	12682	0.650	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	6184	0.544	ug/L #	88

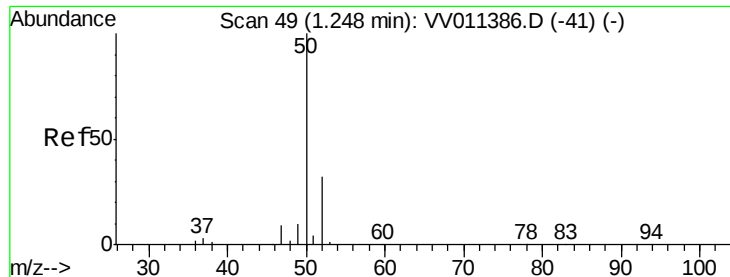
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.126 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

Instrument :

MSVOA_V

ClientSampleId :

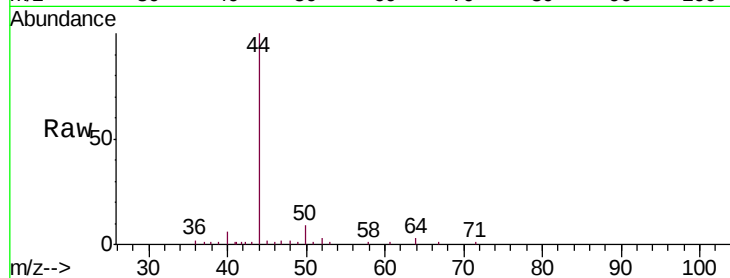
BFCP1DL

Tgt Ion: 50 Resp: 1840

Ion Ratio Lower Upper

50 100

52 36.8 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011386.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV011397.D (-1) (-)

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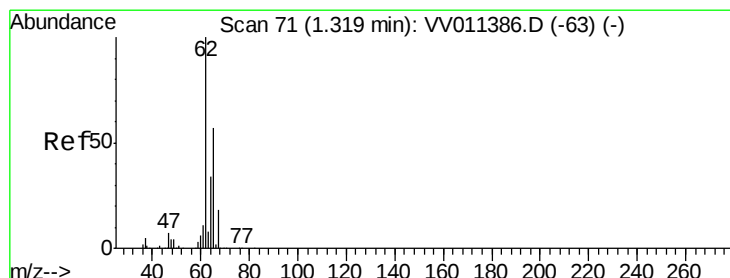
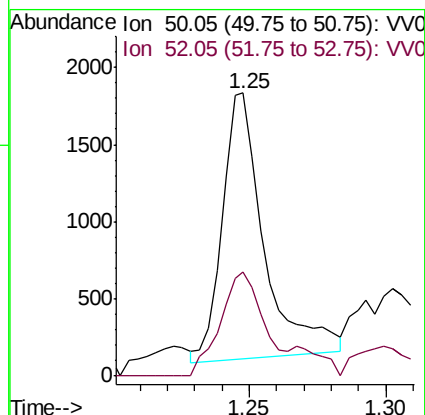
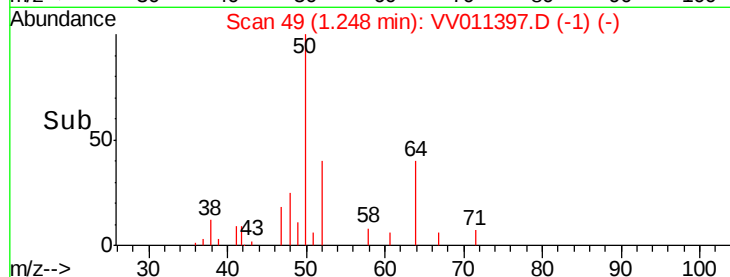
1.25

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#5

Vinyl chloride

Concen: 0.300 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011397.D

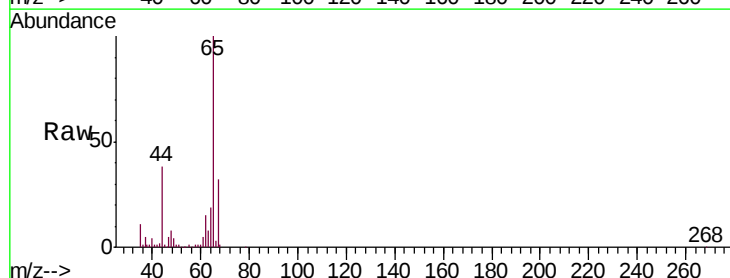
Acq: 11 Jun 2019 17:02

Tgt Ion: 62 Resp: 4212

Ion Ratio Lower Upper

62 100

64 127.0 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV011386.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VV011397.D (-1) (-)

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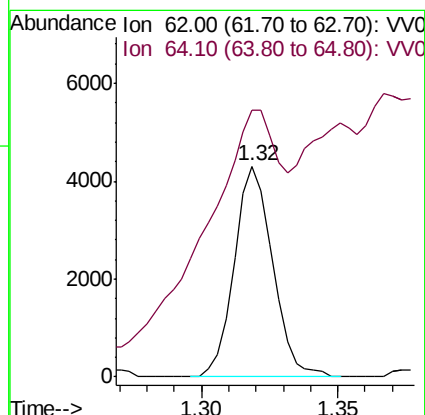
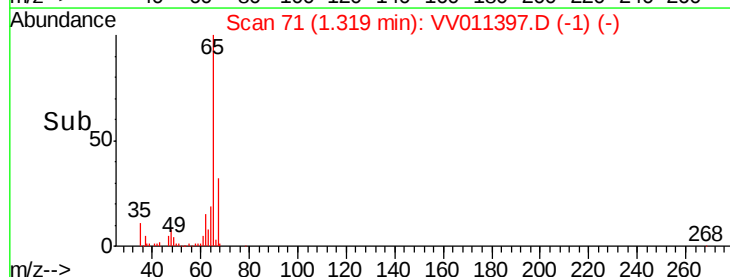
1.32

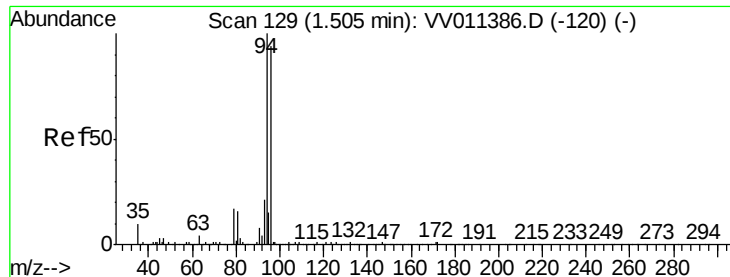
1.32

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1.32





#6

Bromomethane

Concen: 0.165 ug/L

RT: 1.51 min Scan# 130

Delta R.T. 0.00 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

Instrument :

MSVOA_V

ClientSampleId :

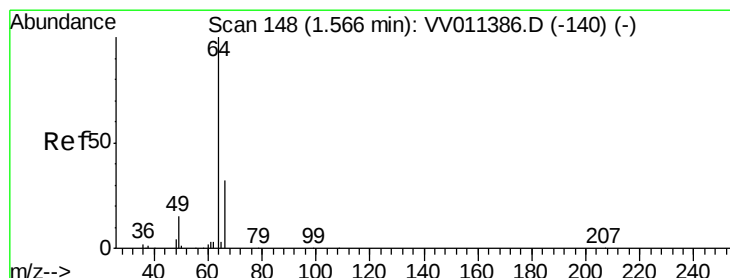
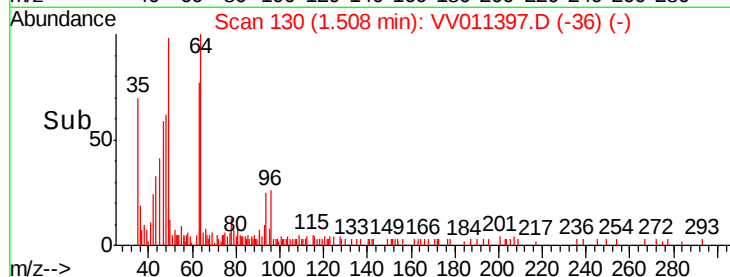
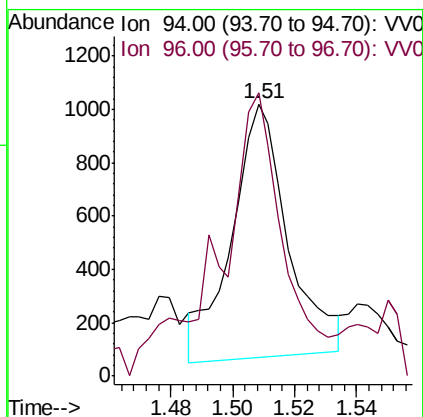
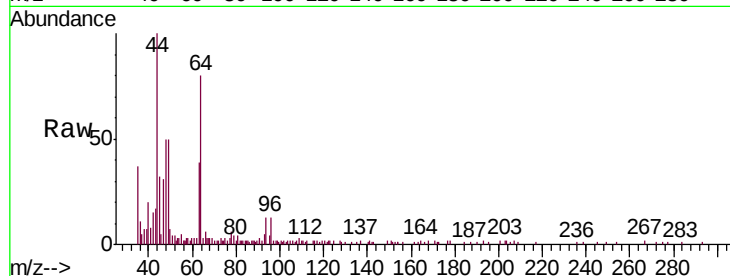
BFCP1DL

Tgt Ion: 94 Resp: 1208

Ion Ratio Lower Upper

94 100

96 103.9 67.0 124.4



#8

Chloroethane

Concen: 0.331 ug/L

RT: 1.45 min Scan# 111

Delta R.T. -0.12 min

Lab File: VV011397.D

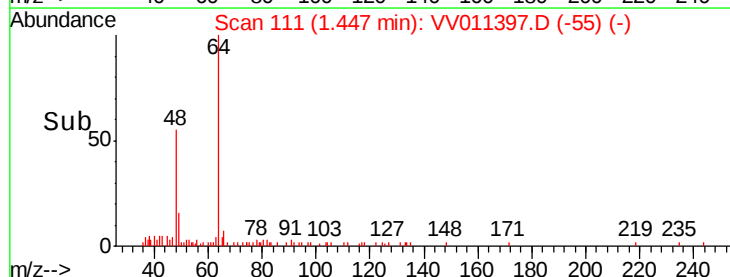
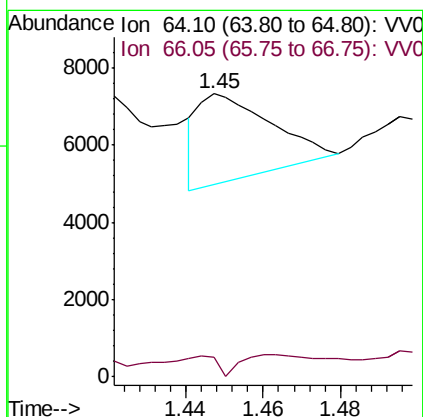
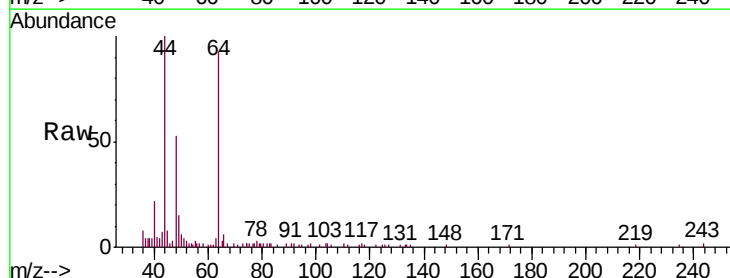
Acq: 11 Jun 2019 17:02

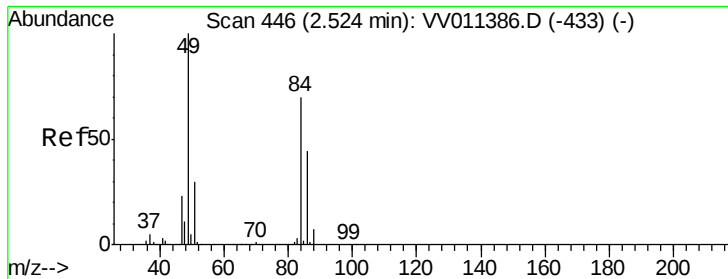
Tgt Ion: 64 Resp: 2966

Ion Ratio Lower Upper

64 100

66 6.8 19.4 36.0#

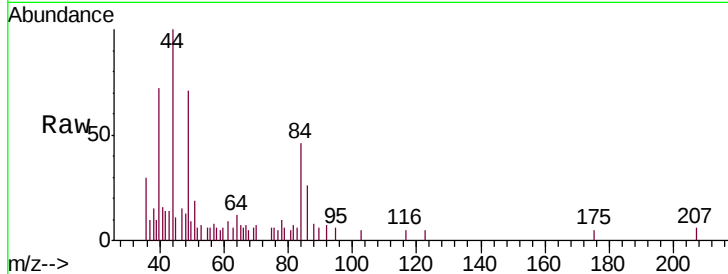




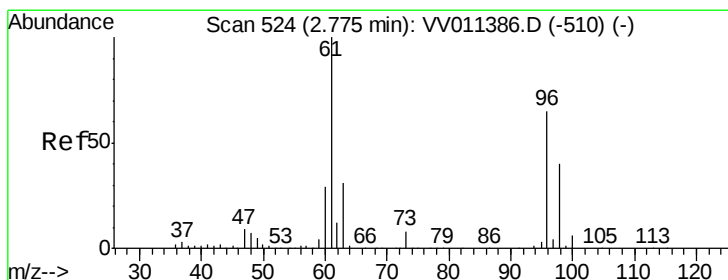
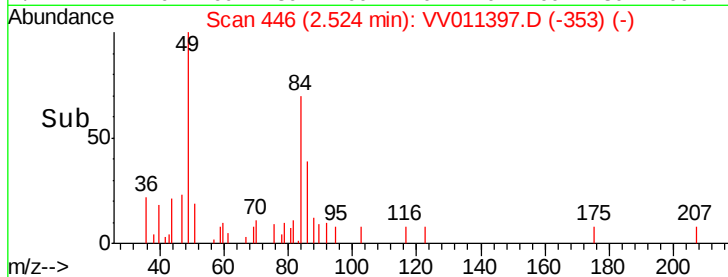
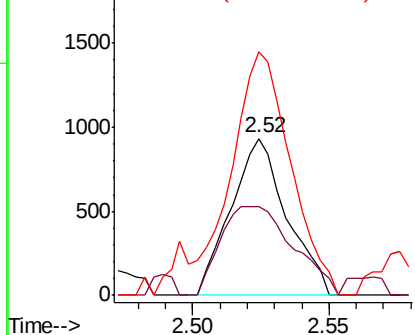
#16
Methylene chloride
Concen: 0.134 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011397.D
Acq: 11 Jun 2019 17:02

Instrument :
MSVOA_V
ClientSampleId :
BFCP1DL

Tgt Ion: 84 Resp: 1324
Ion Ratio Lower Upper
84 100
86 56.3 44.9 83.3
49 155.4 102.1 189.5

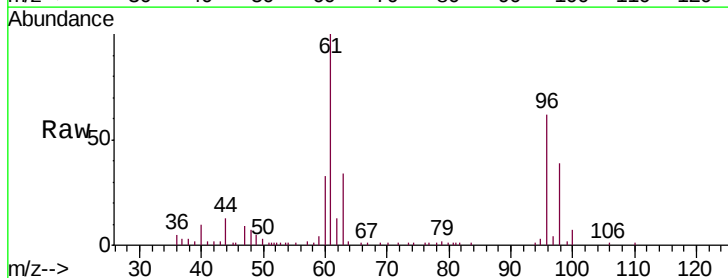


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

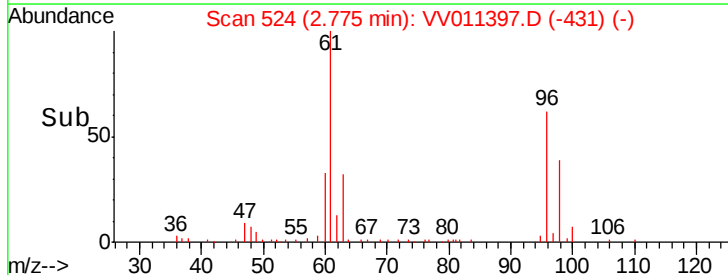
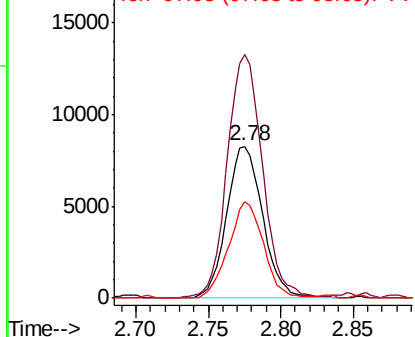


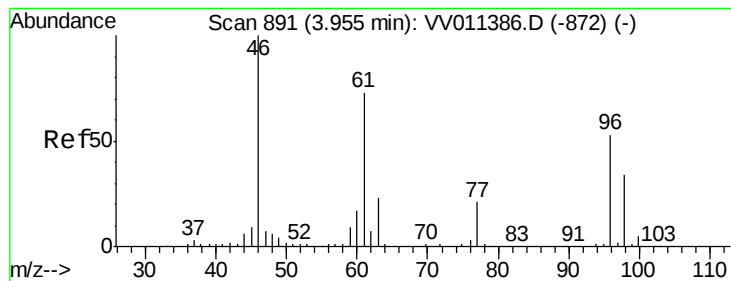
#18
trans-1,2-Dichloroethene
Concen: 1.330 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV011397.D
Acq: 11 Jun 2019 17:02

Tgt Ion: 96 Resp: 14306
Ion Ratio Lower Upper
96 100
61 160.6 104.0 193.2
98 63.4 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0





#22

cis-1,2-Dichloroethene

Concen: 6.139 ug/L

RT: 3.95 min Scan# 889

Delta R.T. -0.01 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

Instrument :

MSVOA_V

ClientSampled :

BFCP1DL

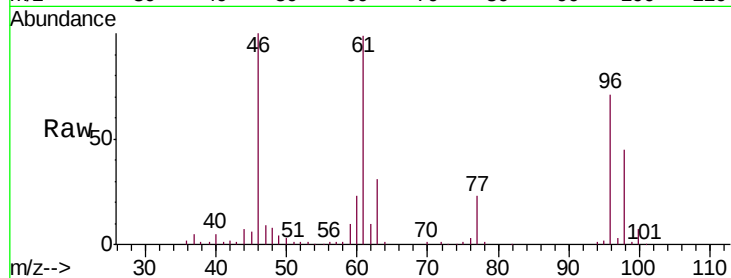
Tgt Ion: 96 Resp: 73161

Ion Ratio Lower Upper

96 100

61 139.8 100.8 187.2

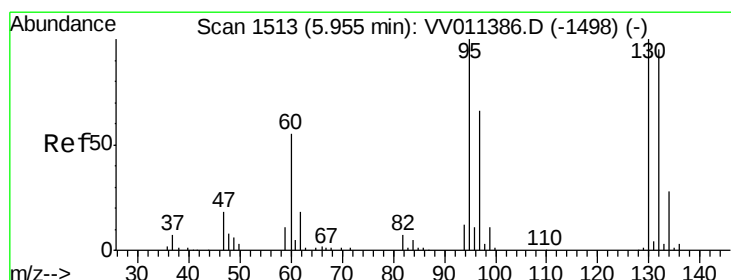
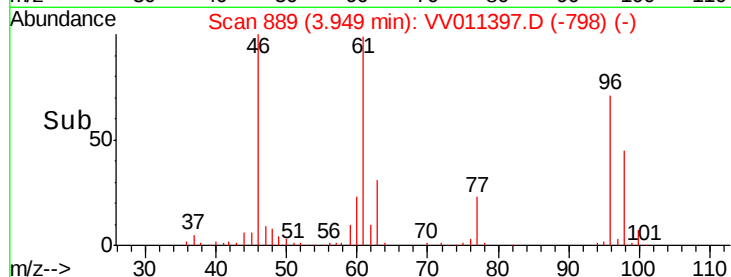
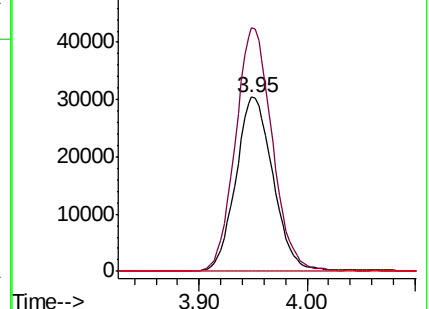
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011386.D (-872) (-)

Ion 61.05 (60.75 to 61.75): VV011386.D (-872) (-)

Ion 68.15 (67.85 to 68.85): VV011386.D (-872) (-)



#34

Trichloroethene

Concen: 8.003 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

Tgt Ion: 95 Resp: 94444

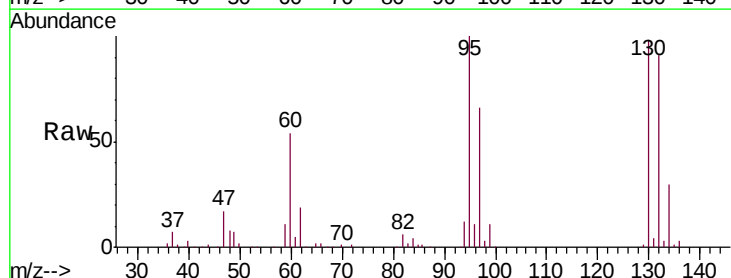
Ion Ratio Lower Upper

95 100

97 65.6 45.8 85.2

132 91.3 66.4 123.2

130 97.8 68.3 126.8

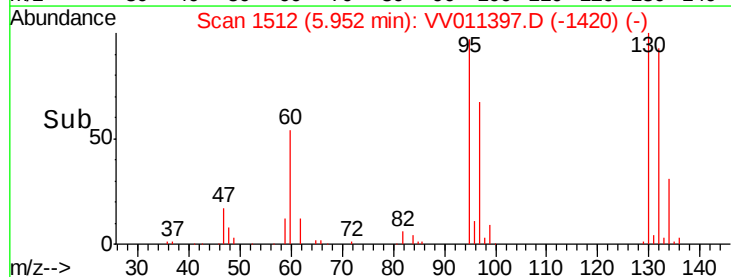
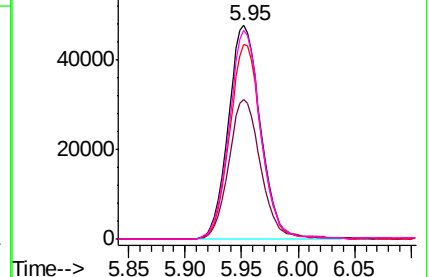


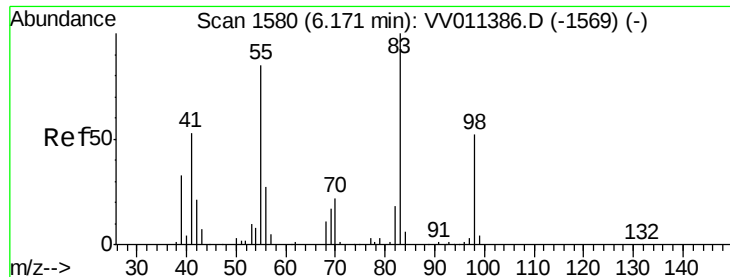
Abundance Ion 95.00 (94.70 to 95.70): VV011386.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011386.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011386.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011386.D (-1498) (-)





#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

Instrument :

MSVOA_V

ClientSampleId :

BFCP1DL

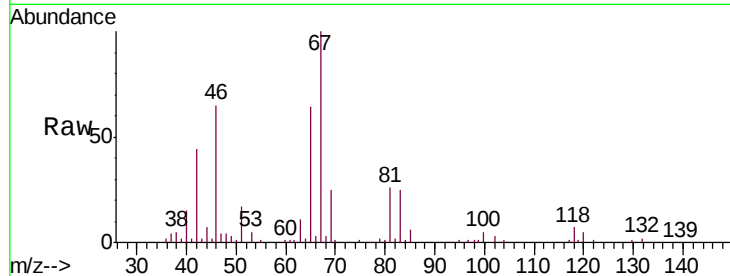
Tgt Ion: 83 Resp: 12682

Ion Ratio Lower Upper

83 100

55 0.6 67.0 100.6#

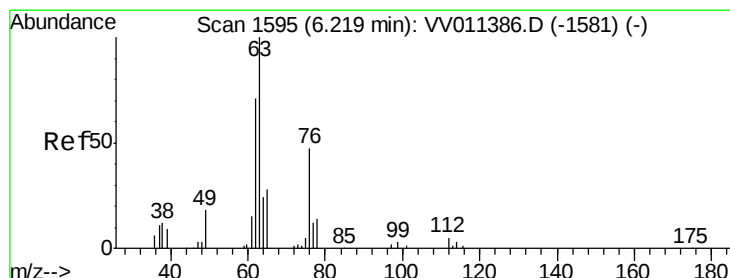
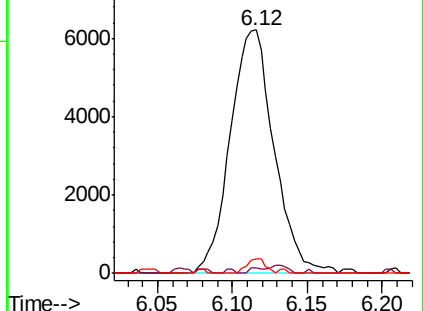
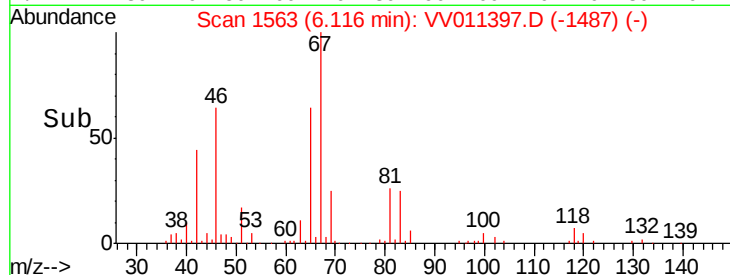
98 2.5 40.0 60.0#



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: 0.544 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011397.D

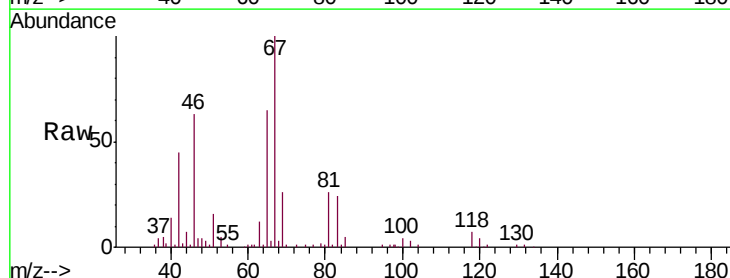
Acq: 11 Jun 2019 17:02

Tgt Ion: 63 Resp: 6184

Ion Ratio Lower Upper

63 100

112 0.7 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

