

Data File : VV011265.D
Acq On : 07 Jun 2019 02:00
Operator : SY/MD
Sample : K3226-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN7

Quant Time: Jun 07 02:54:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164036	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56111	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.57	69	48494	4.69	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.12	63	92710	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.95	46	152404	54.46	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.92%
24) Chloroform-d	4.40	84	102219	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	58984	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.09	84	210568	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	64780	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	187609	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	21014	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	119014	53.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46471	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61178	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1263	0.081 ug/L	91
5) Vinyl chloride	1.32	62	20600	1.365 ug/L	100
6) Bromomethane	1.53	94	1169	0.149 ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	929	0.087 ug/L #	22
12) 1,1-Dichloroethene	2.14	96	8042	0.778 ug/L #	1
13) Acetone	2.21	43	4273	2.277 ug/L	84
17) Methyl tert-butyl Ether	2.81	73	119606	4.335 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	84729	7.322 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	477475	37.259 ug/L	97
34) Trichloroethene	5.96	95	1306382	106.910 ug/L	98
35) Methylcyclohexane	6.12	83	15683	0.776 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8345	0.709 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1936	0.112 ug/L #	52
42) Toluene	7.43	91	37020	0.734 ug/L	98
47) Tetrachloroethene	8.02	164	115324	13.059 ug/L	100
48) 2-Hexanone	8.14	43	16661	3.187 ug/L #	72
49) Dibromochloromethane	8.02	129	106809	12.478 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration

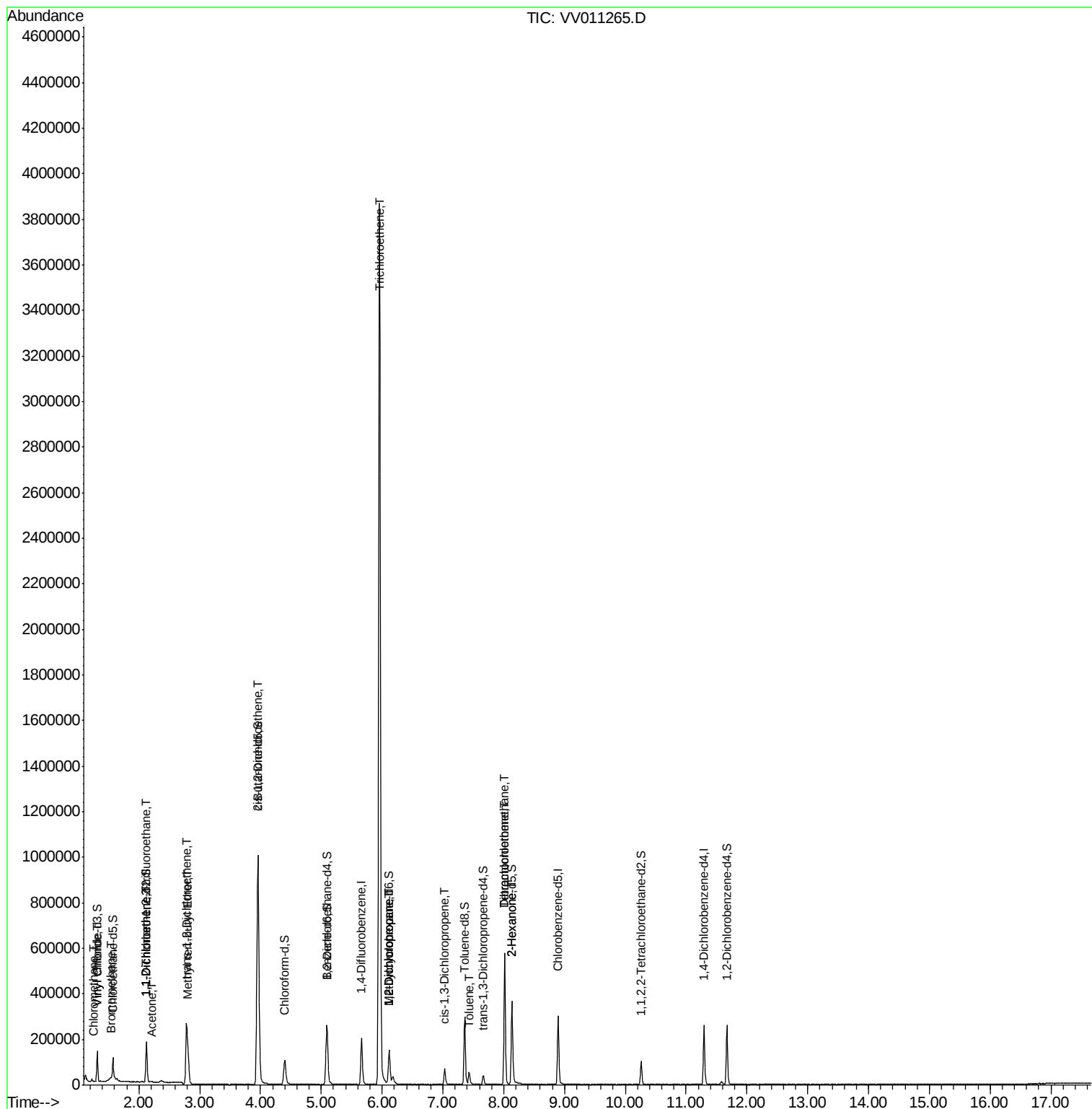
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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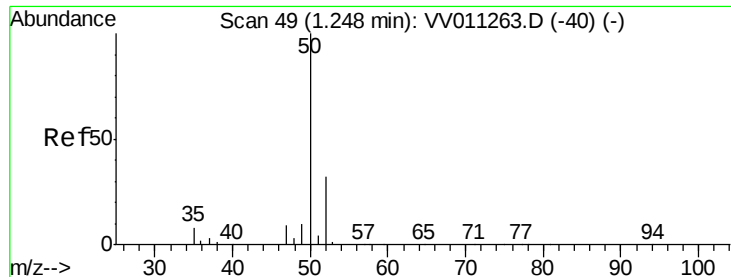
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011265.D

Acq: 07 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampleId :

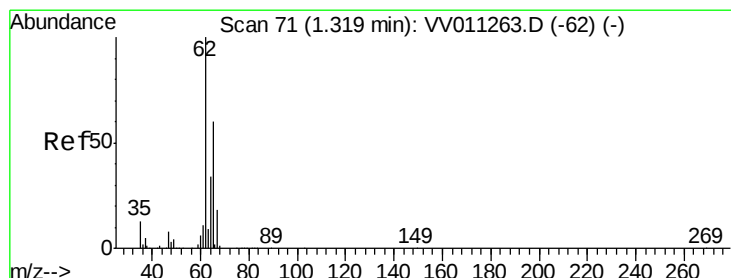
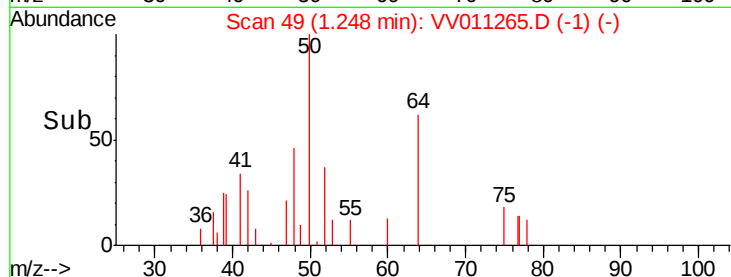
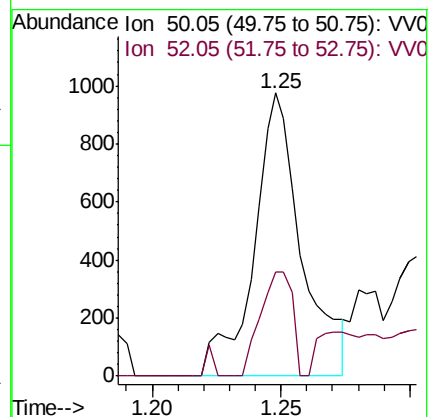
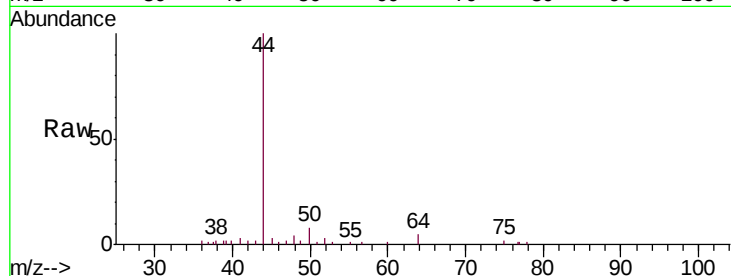
BFCN7

Tgt Ion: 50 Resp: 1263

Ion Ratio Lower Upper

50 100

52 36.9 22.3 41.5



#5

Vinyl chloride

Concen: 1.365 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011265.D

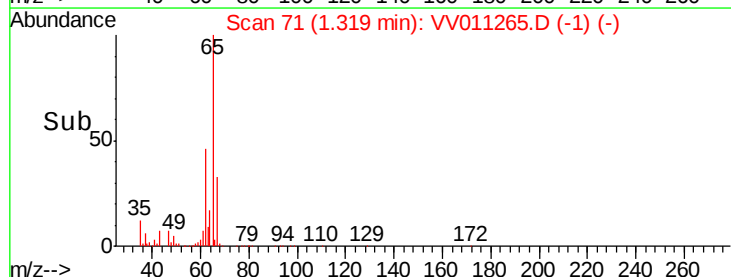
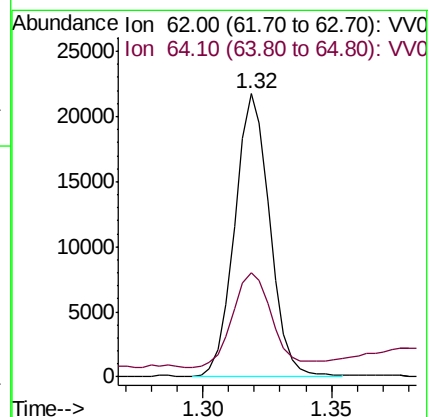
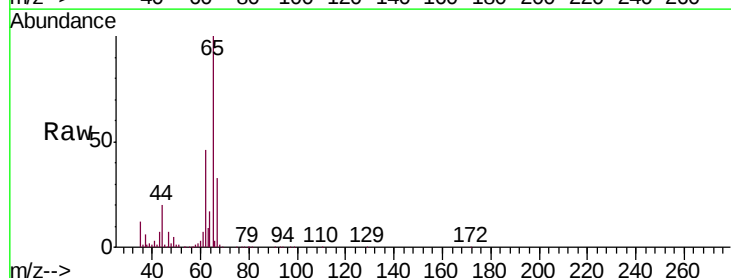
Acq: 07 Jun 2019 02:00

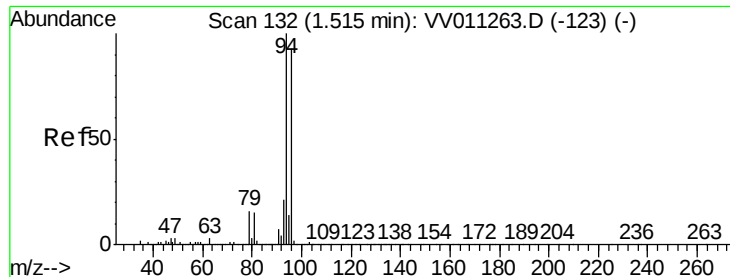
Tgt Ion: 62 Resp: 20600

Ion Ratio Lower Upper

62 100

64 36.9 25.9 48.1

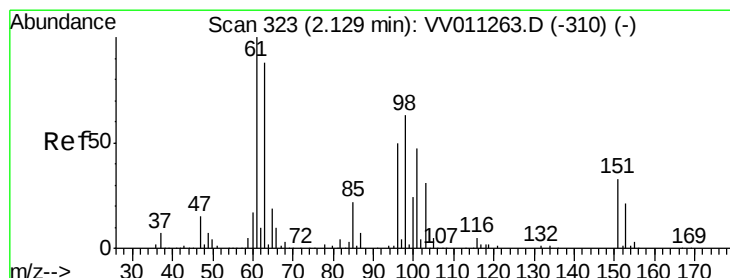
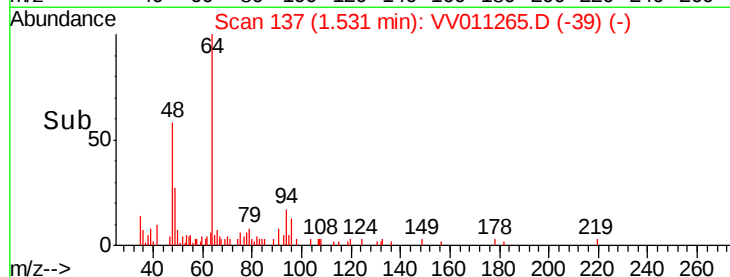
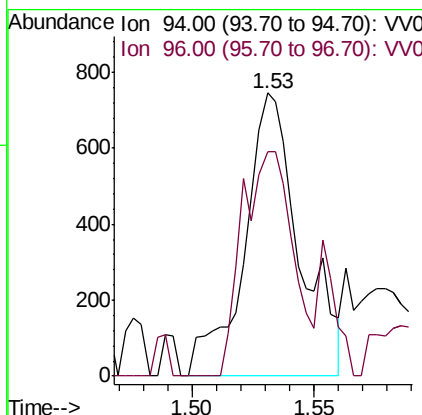
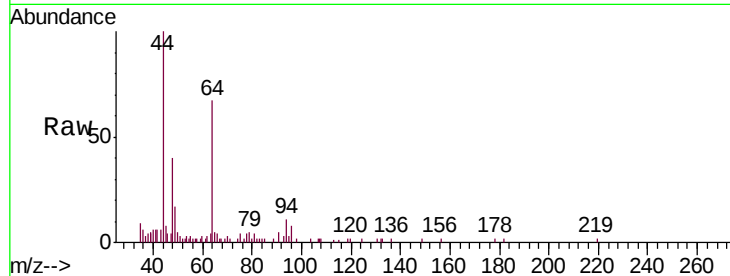




#6
Bromomethane
Concen: 0.149 ug/L
RT: 1.53 min Scan# 137
Delta R.T. 0.02 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

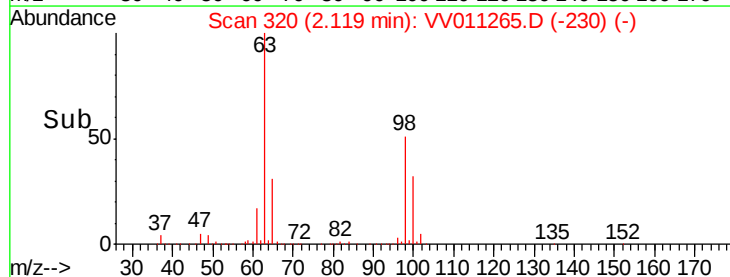
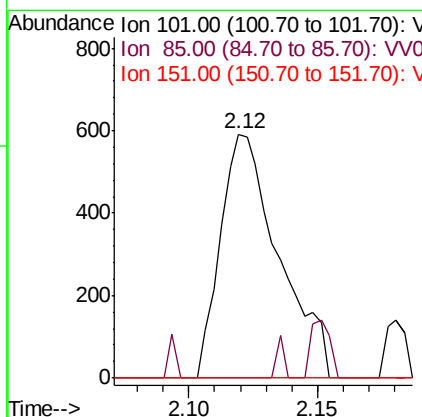
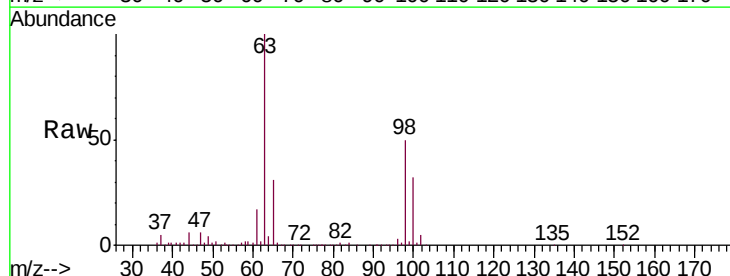
Instrument :
MSVOA_V
ClientSampleId :
BFCN7

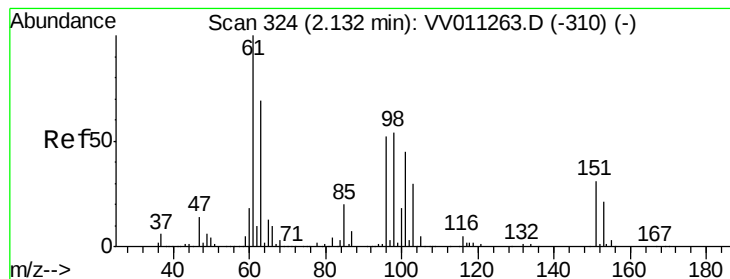
Tgt Ion: 94 Resp: 1169
Ion Ratio Lower Upper
94 100
96 79.5 67.0 124.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Tgt Ion: 101 Resp: 929
Ion Ratio Lower Upper
101 100
85 2.2 35.5 53.3#
151 0.0 56.9 85.3#





#12

1,1-Dichloroethene

Concen: 0.778 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV011265.D

Acq: 07 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampleId :

BFCN7

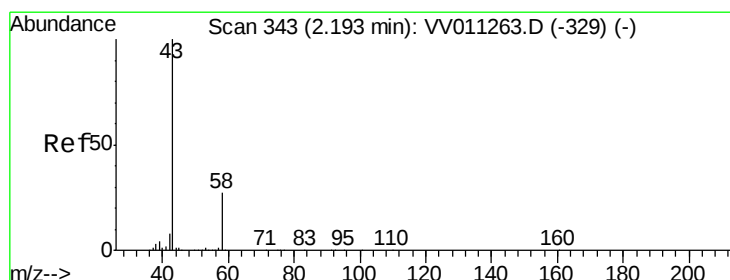
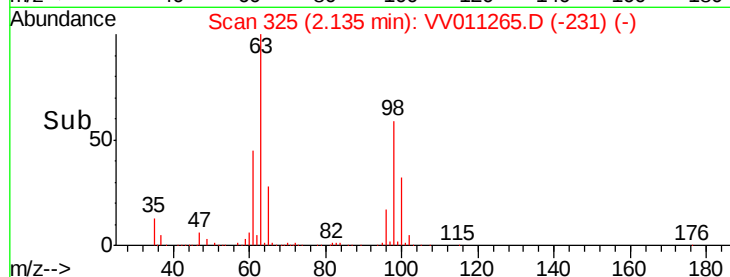
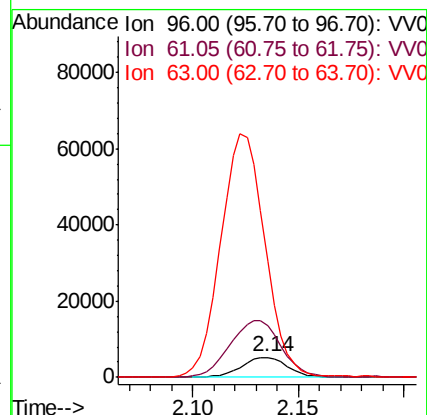
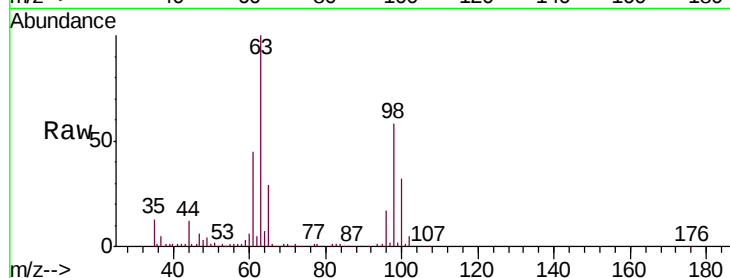
Tgt Ion: 96 Resp: 8042

Ion Ratio Lower Upper

96 100

61 257.4 139.8 259.6

63 572.3 94.3 175.1#



#13

Acetone

Concen: 2.277 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV011265.D

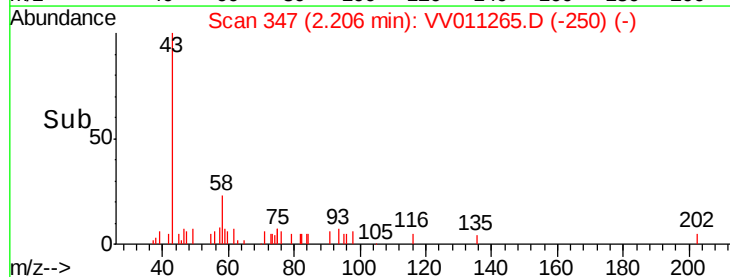
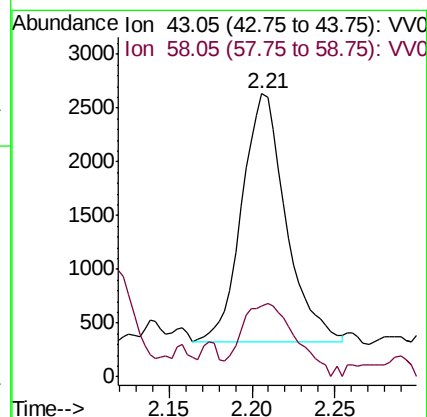
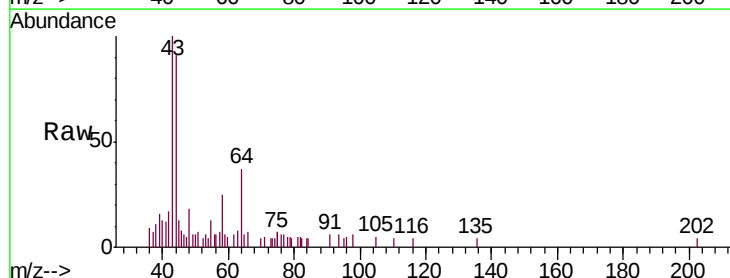
Acq: 07 Jun 2019 02:00

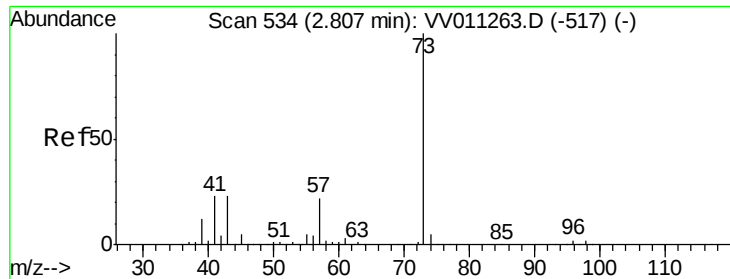
Tgt Ion: 43 Resp: 4273

Ion Ratio Lower Upper

43 100

58 36.1 0.0 55.2

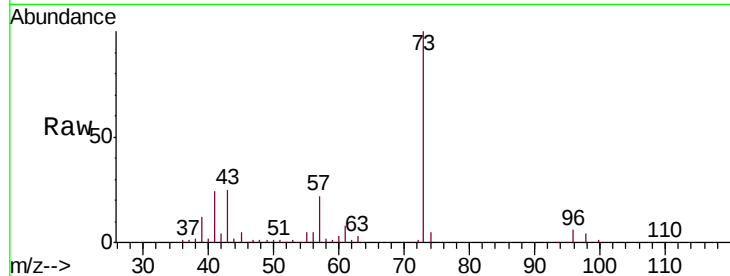




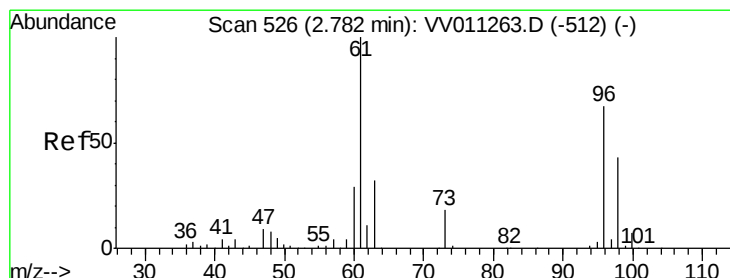
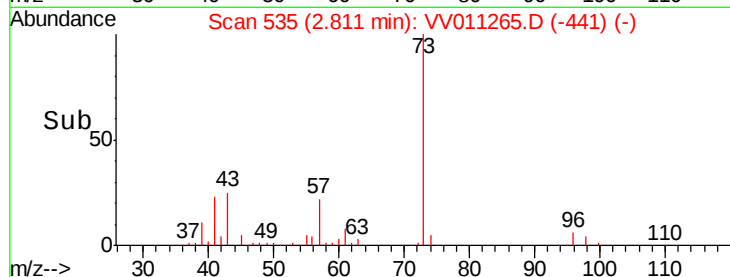
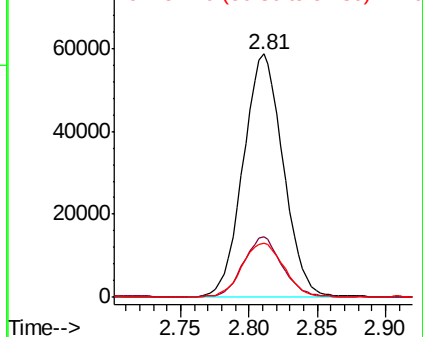
#17
Methyl tert-butyl Ether
Concen: 4.335 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Instrument :
MSVOA_V
ClientSampleId :
BFCN7

Tgt Ion: 73 Resp: 119606
Ion Ratio Lower Upper
73 100
43 24.0 18.7 28.1
57 23.7 18.1 27.1

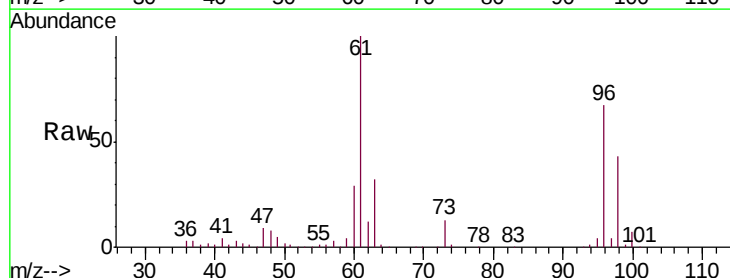


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

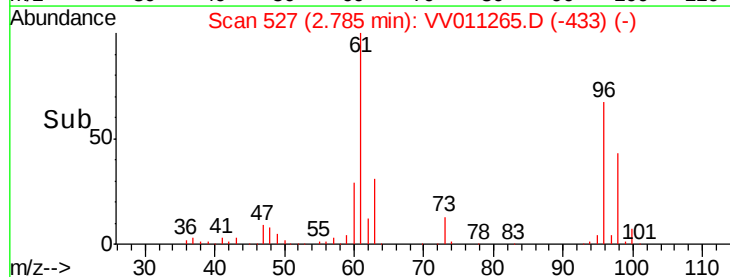
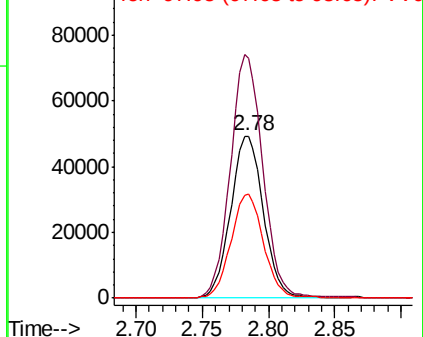


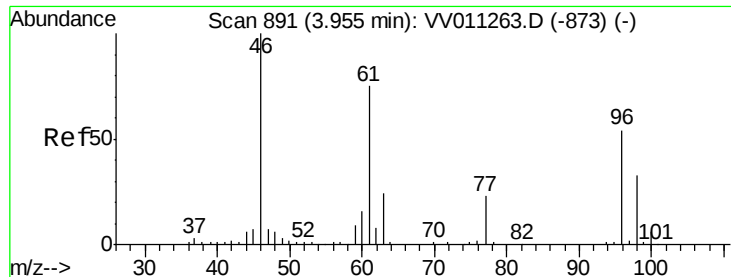
#18
trans-1,2-Dichloroethene
Concen: 7.322 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Tgt Ion: 96 Resp: 84729
Ion Ratio Lower Upper
96 100
61 148.4 104.0 193.2
98 64.0 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



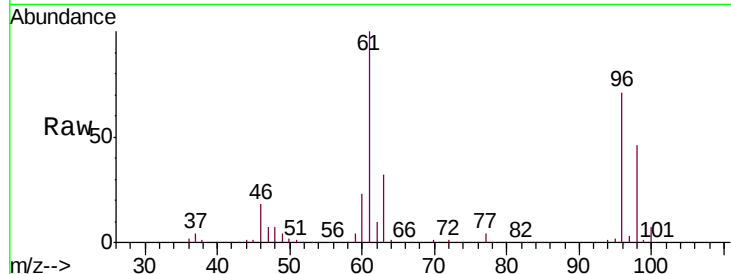


#22

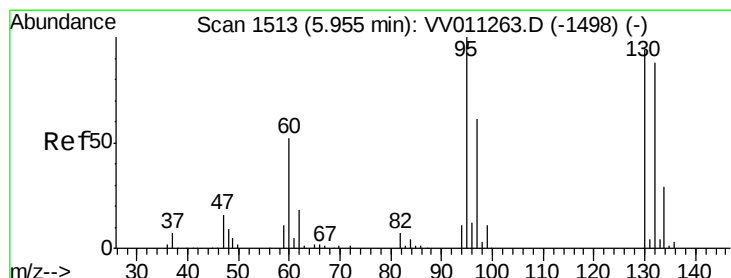
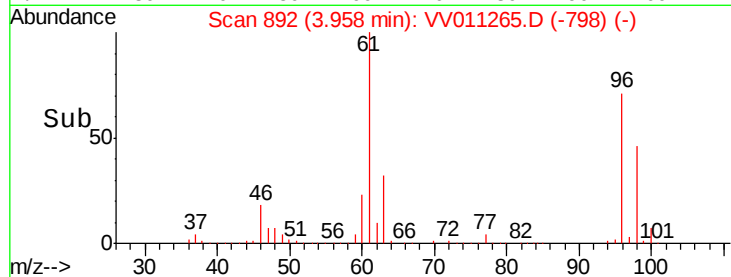
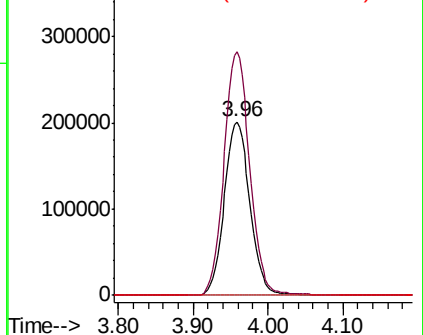
cis-1,2-Dichloroethene
Concen: 37.259 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Instrument :
MSVOA_V
ClientSampleId :
BFCN7

Tgt Ion: 96 Resp: 477475
Ion Ratio Lower Upper
96 100
61 140.5 100.8 187.2
68 0.0 0.0 0.0



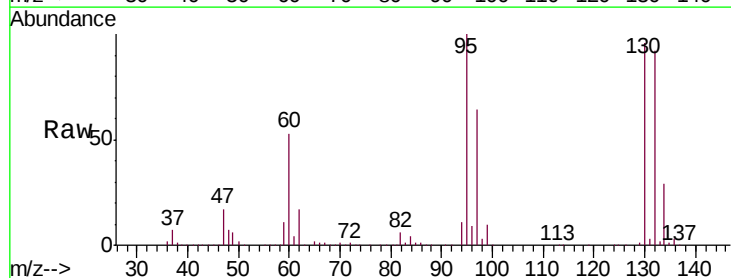
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



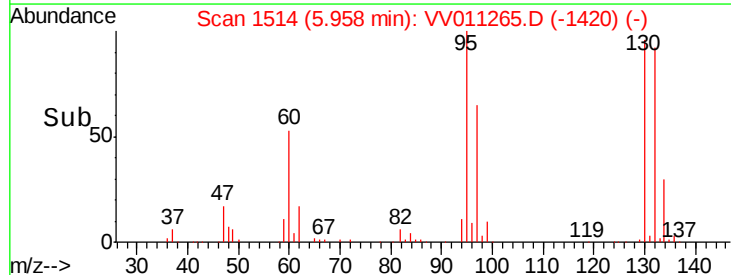
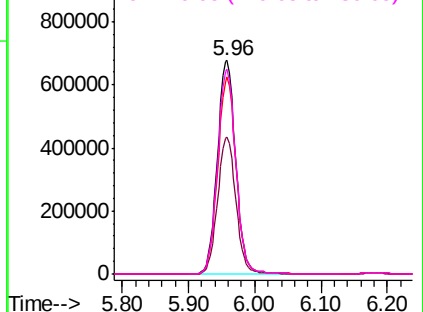
#34

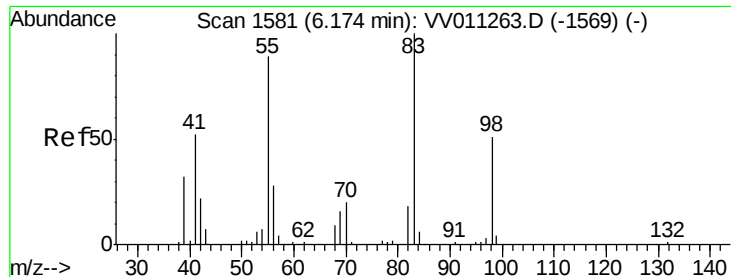
Trichloroethene
Concen: 106.910 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Tgt Ion: 95 Resp: 1306382
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 92.0 66.4 123.2
130 95.7 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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011265.D

Acq: 07 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampleId :

BFCN7

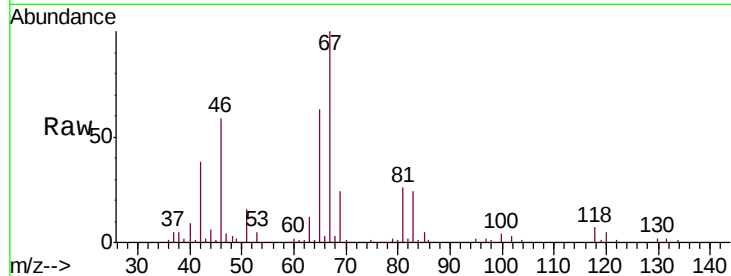
Tgt Ion: 83 Resp: 15683

Ion Ratio Lower Upper

83 100

55 2.2 67.0 100.6#

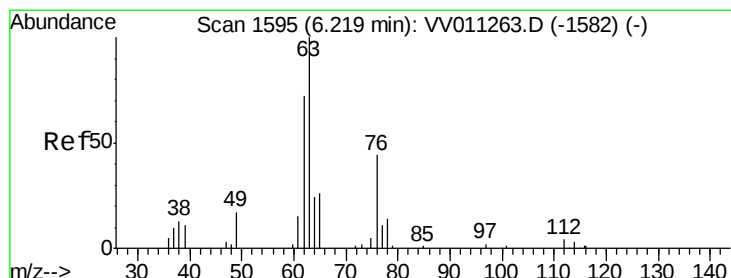
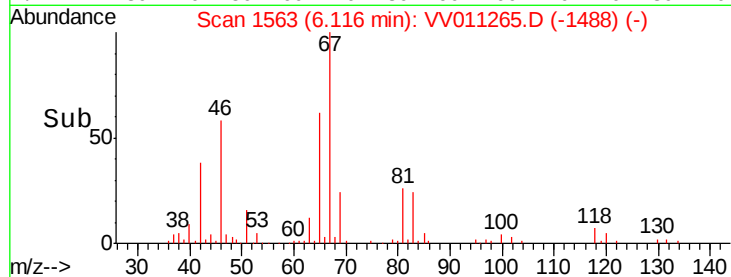
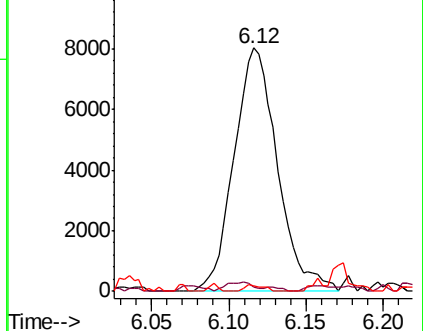
98 0.0 40.0 60.0#



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: 0.709 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011265.D

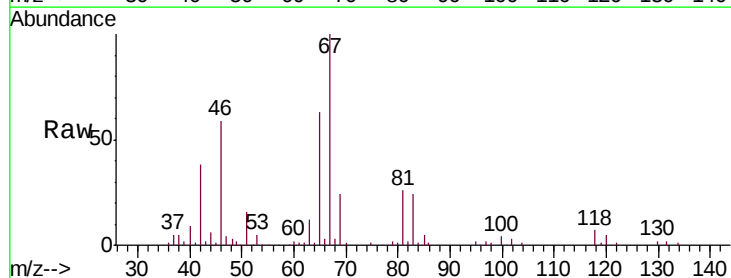
Acq: 07 Jun 2019 02:00

Tgt Ion: 63 Resp: 8345

Ion Ratio Lower Upper

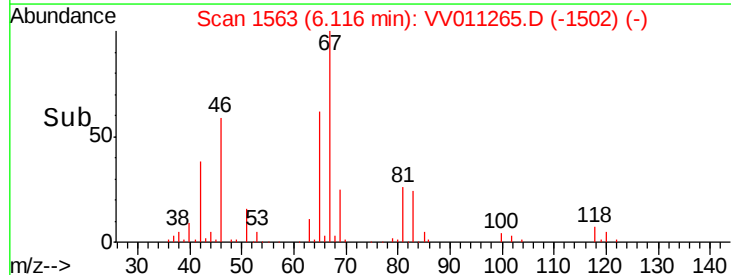
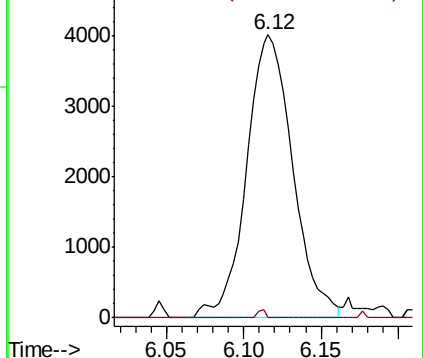
63 100

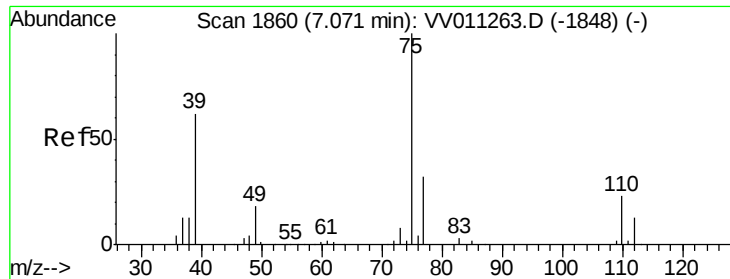
112 0.5 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

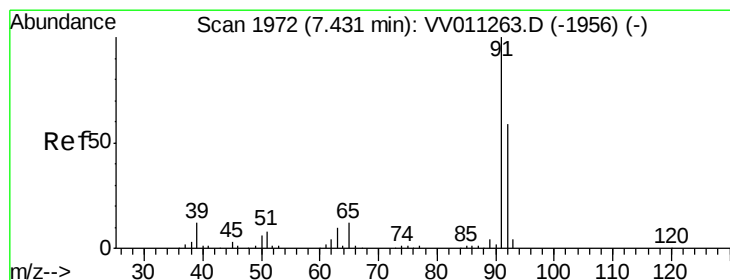
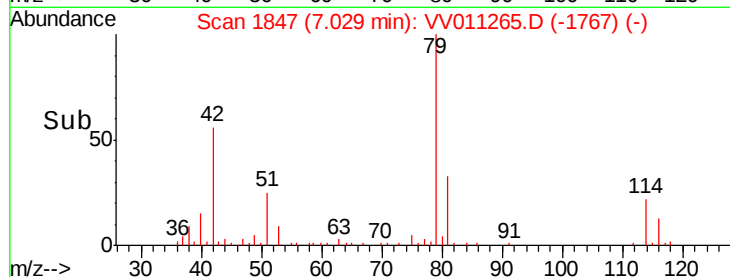
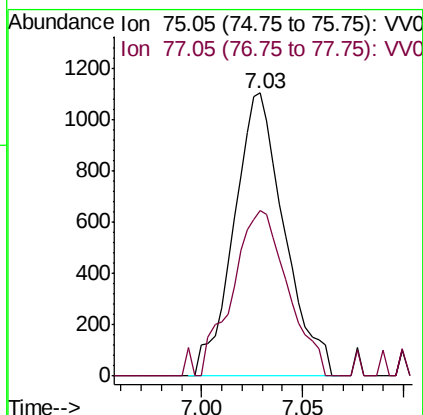
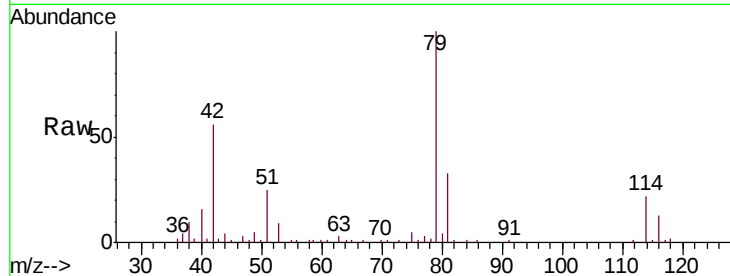




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011265.D
 Acq: 07 Jun 2019 02:00

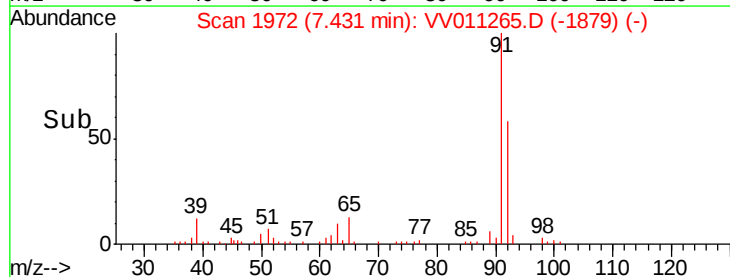
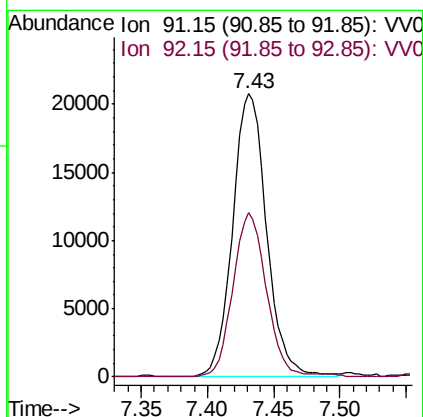
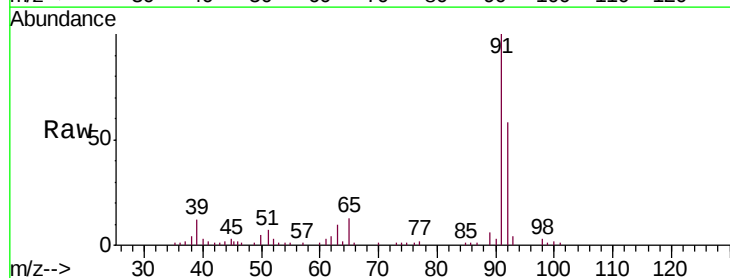
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN7

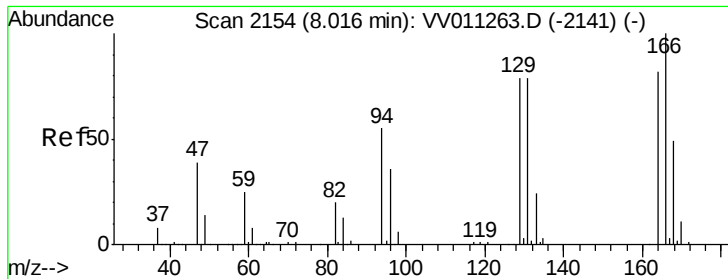
Tgt Ion: 75 Resp: 1936
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.2 41.2#



#42
 Toluene
 Concen: 0.734 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011265.D
 Acq: 07 Jun 2019 02:00

Tgt Ion: 91 Resp: 37020
 Ion Ratio Lower Upper
 91 100
 92 58.1 39.9 74.1

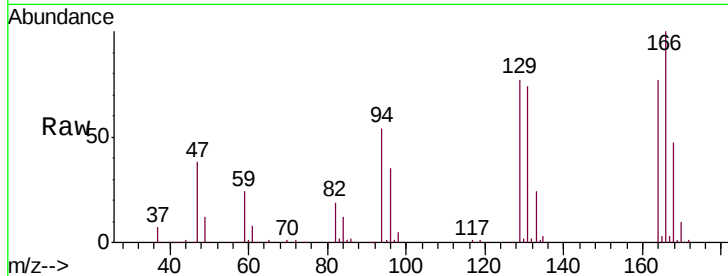




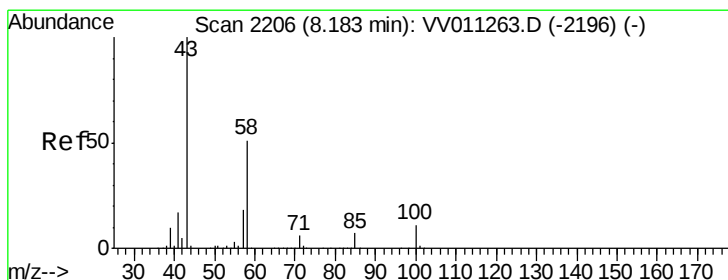
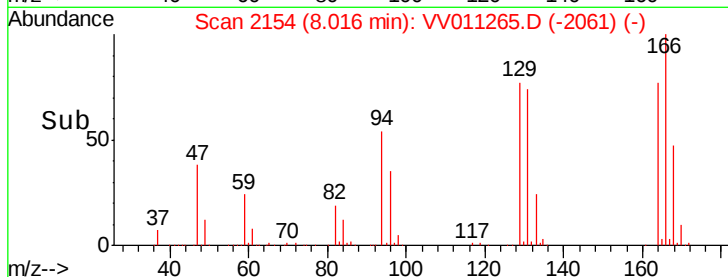
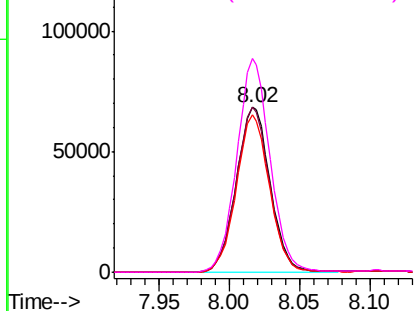
#47
Tetrachloroethene
Concen: 13.059 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Instrument :
MSVOA_V
ClientSampleId :
BFCN7

Tgt Ion:164 Resp: 115324
Ion Ratio Lower Upper
164 100
129 100.3 69.9 129.9
131 95.2 66.8 124.2
166 129.4 90.2 167.6

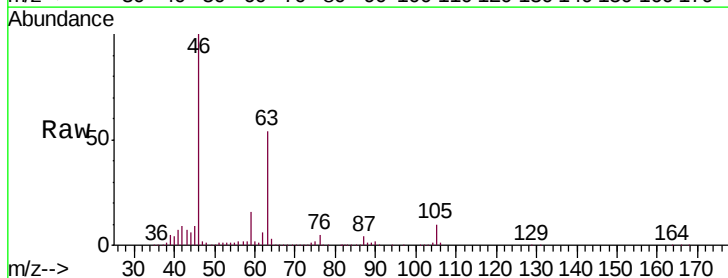


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

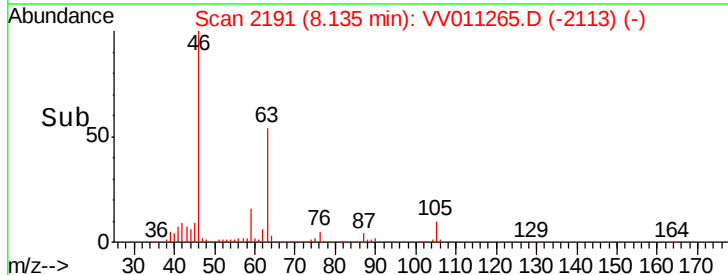
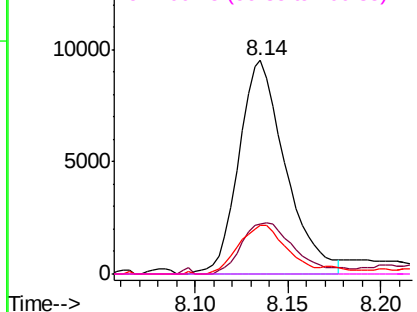


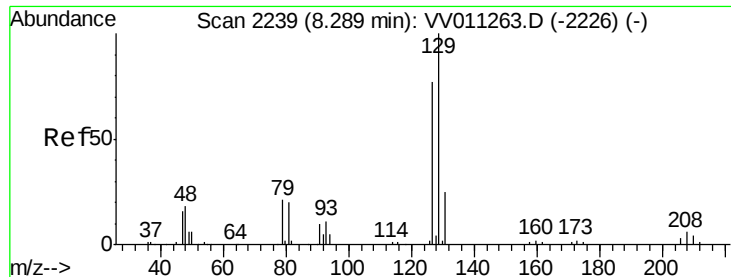
#48
2-Hexanone
Concen: 3.187 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011265.D
Acq: 07 Jun 2019 02:00

Tgt Ion: 43 Resp: 16661
Ion Ratio Lower Upper
43 100
58 27.6 41.4 62.0#
57 23.6 15.0 22.4#
100 0.0 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: 12.478 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV011265.D

Acq: 07 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampleId :

BFCN7

Tgt Ion:129 Resp: 106809

Ion Ratio Lower Upper

129 100

127 0.2 53.7 99.7#

