

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062019\
 Data File : VV011626.D
 Acq On : 19 Jun 2019 18:58
 Operator : SY/MD
 Sample : K3381-09DL 20X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ6DL

Quant Time: Jun 20 04:16:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59674	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.57	69	38145	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.12	63	106705	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	3.95	46	159959	49.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.48%
24) Chloroform-d	4.40	84	111986	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	66323	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.09	84	231864	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	73104	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.36	98	199264	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.66	79	21776	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.14	63	113186	45.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47076	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	63355	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

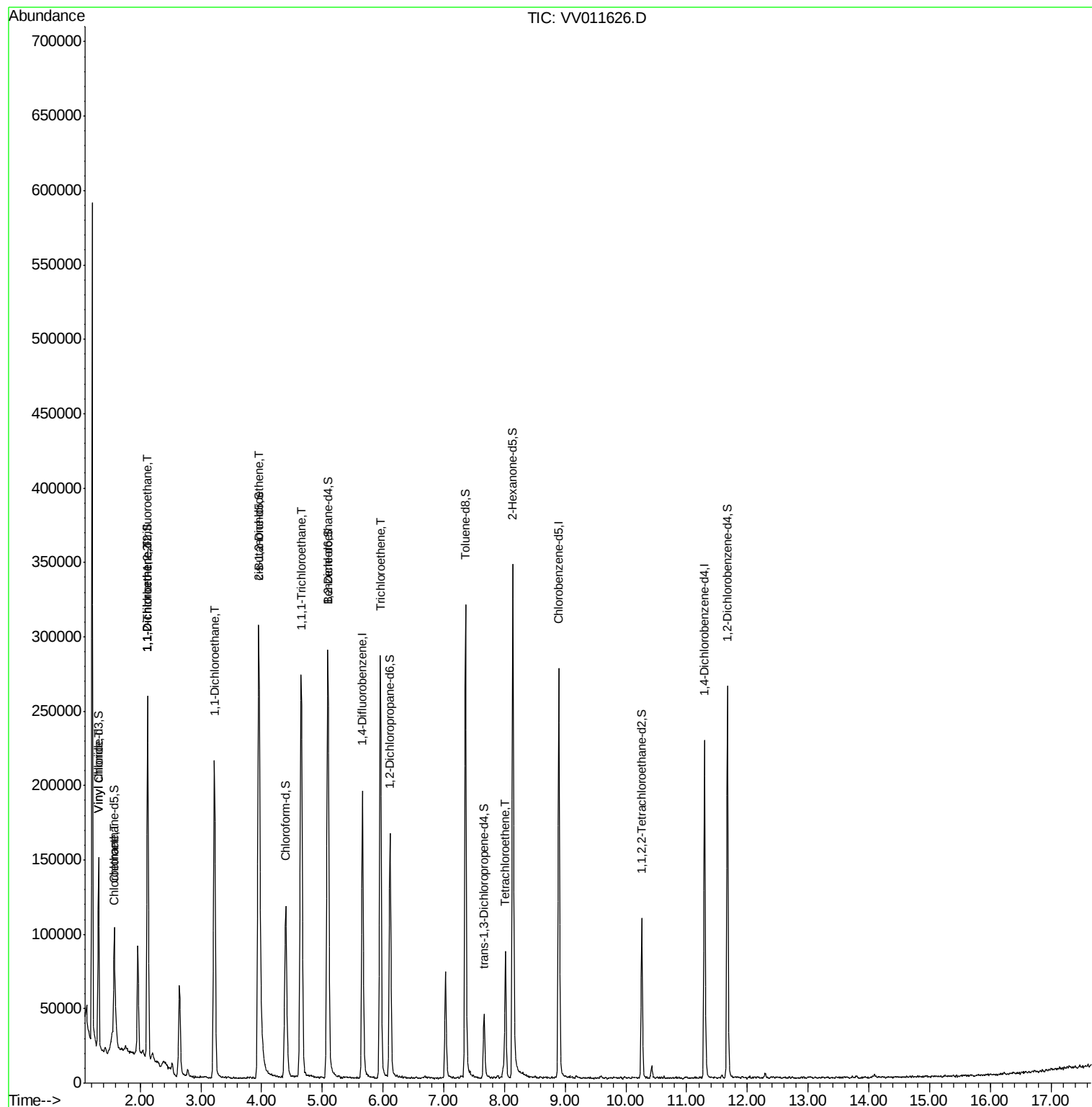
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	20907	1.433	ug/L	85
8) Chloroethane	1.59	64	11703	1.656	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9349	1.018	ug/L	95
12) 1,1-Dichloroethene	2.13	96	22655	2.382	ug/L #	57
19) 1,1-Dichloroethane	3.22	63	210582	9.467	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	116179	9.538	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	209730	12.192	ug/L	98
34) Trichloroethene	5.96	95	94955	8.245	ug/L	98
47) Tetrachloroethene	8.02	164	17929	2.183	ug/L	96

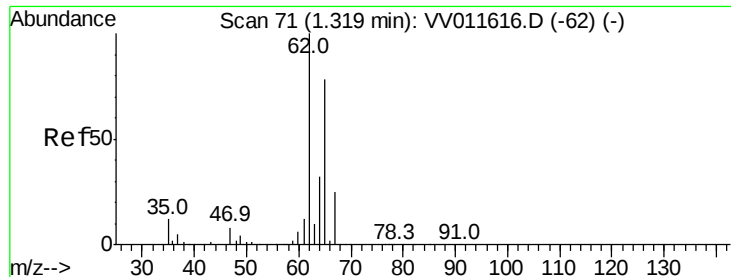
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.433 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011626.D

Acq: 19 Jun 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

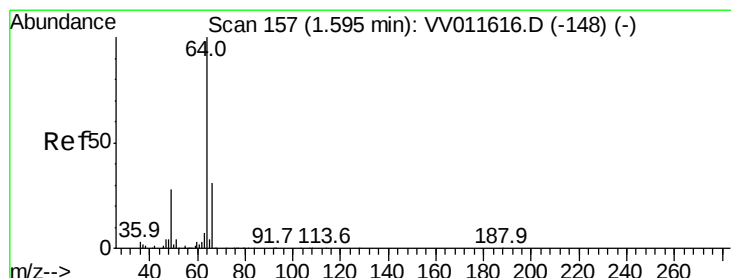
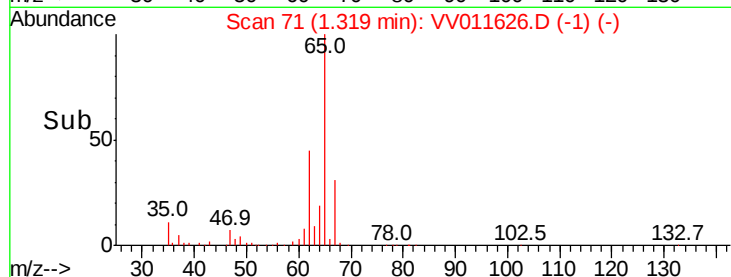
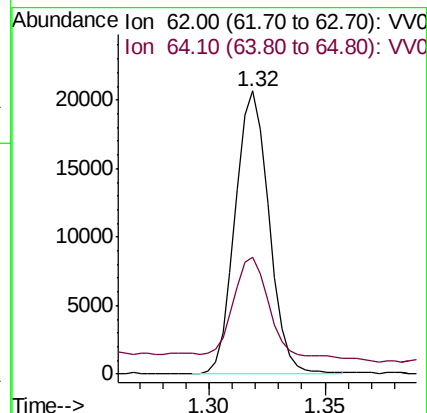
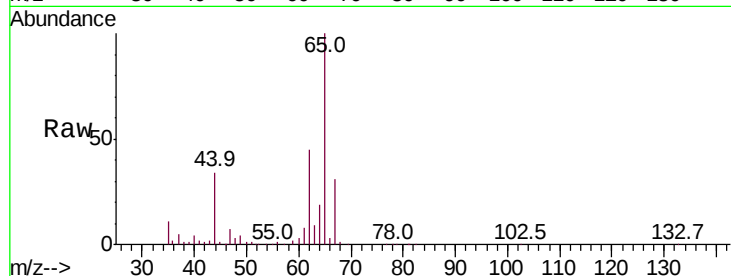
BFCQ6DL

Tot Ion: 62 Resp: 20907

Ion Ratio Lower Upper

62 100

64 41.4 23.0 42.6



#8

Chloroethane

Concen: 1.656 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.01 min

Lab File: VV011626.D

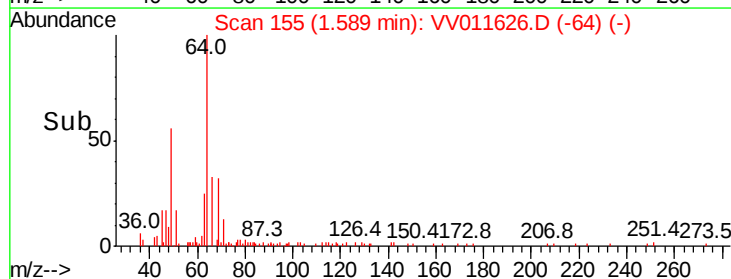
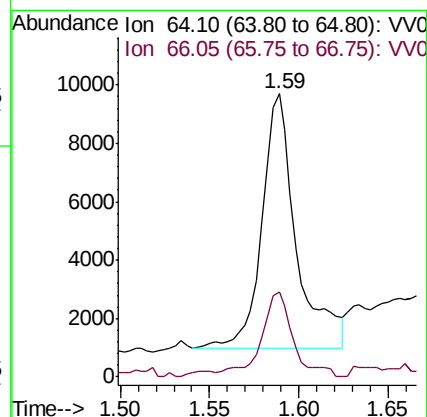
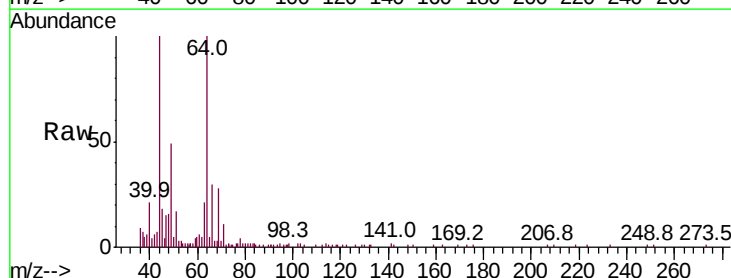
Acq: 19 Jun 2019 18:58

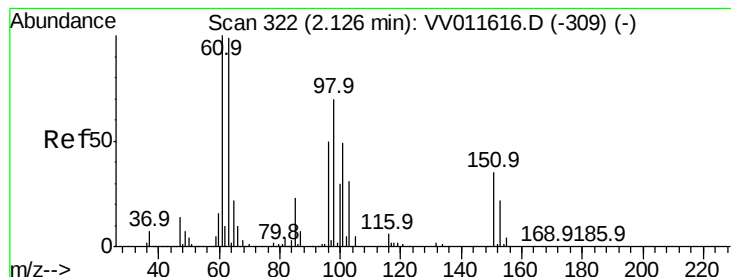
Tgt Ion: 64 Resp: 11703

Ion Ratio Lower Upper

64 100

66 30.0 21.6 40.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.018 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011626.D

Acq: 19 Jun 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

BFCQ6DL

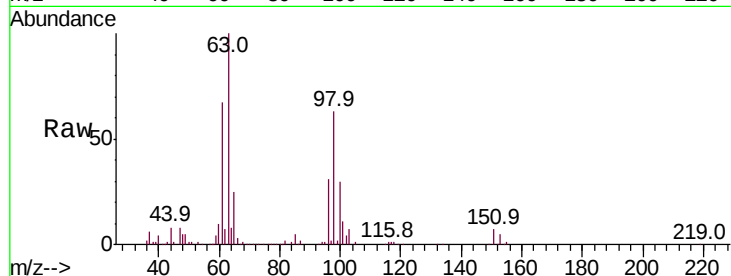
Tot Ion:101 Resp: 9349

Ion Ratio Lower Upper

101 100

85 43.4 37.3 55.9

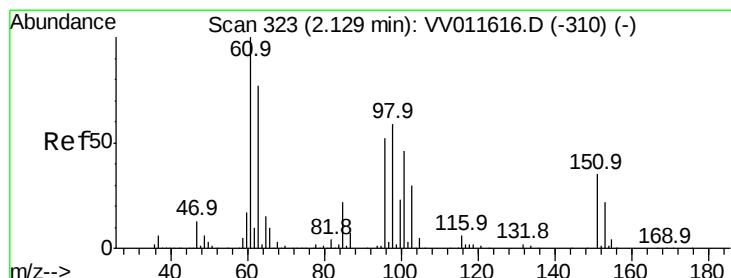
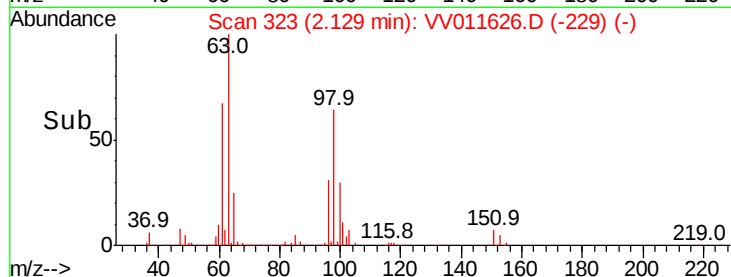
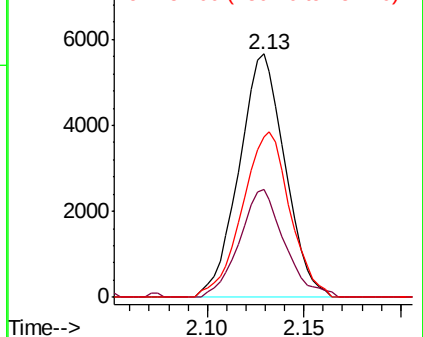
151 70.5 59.4 89.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.382 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011626.D

Acq: 19 Jun 2019 18:58

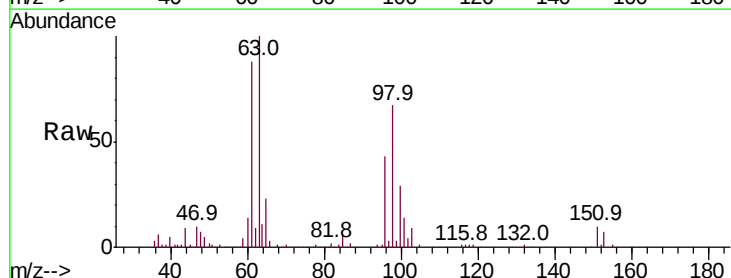
Tgt Ion: 96 Resp: 22655

Ion Ratio Lower Upper

96 100

61 206.3 135.9 252.5

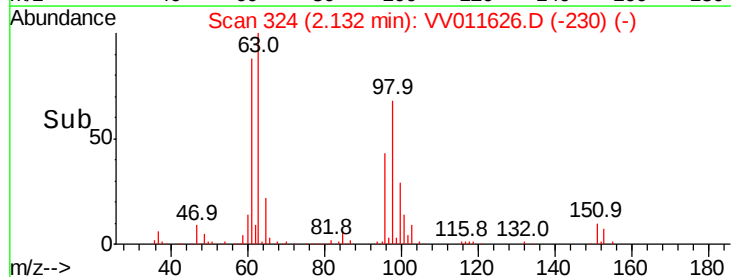
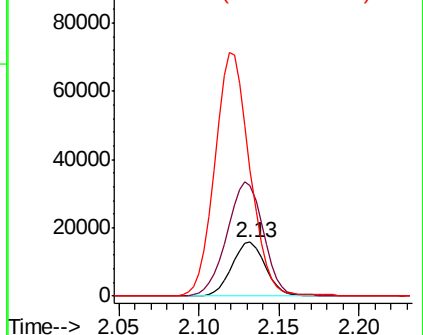
63 234.5 86.2 160.2#

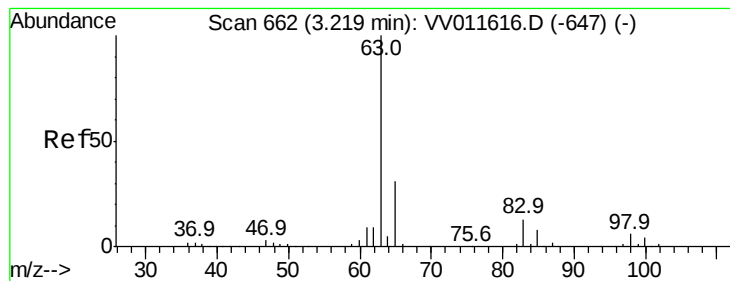


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#19

1,1-Dichloroethane

Concen: 9.467 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV011626.D

Acq: 19 Jun 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

BFCQ6DL

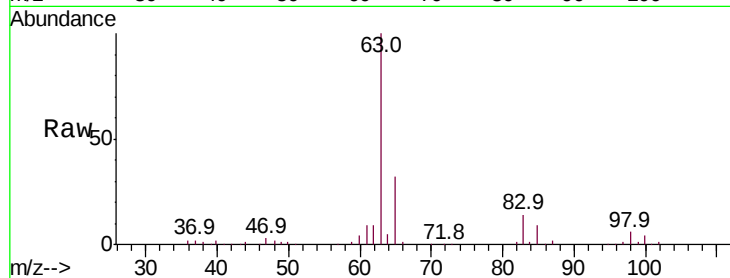
Tot Ion: 63 Resp: 210582

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.9

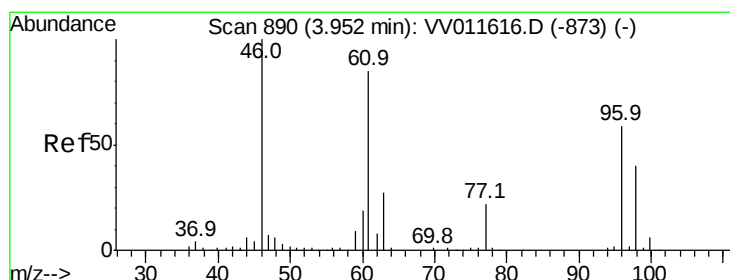
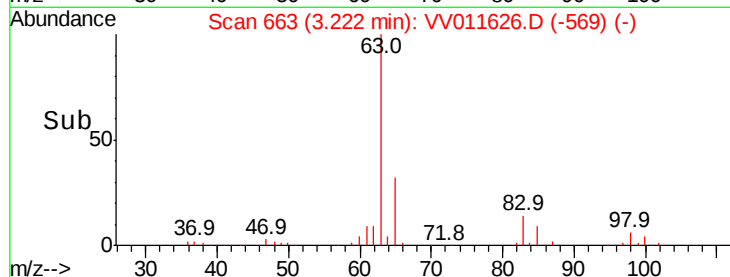
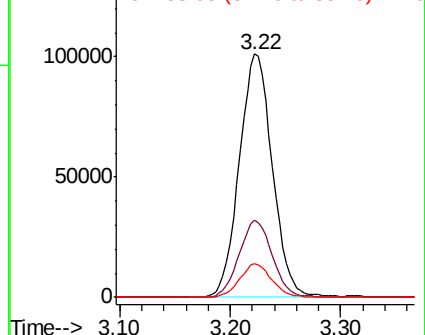
83 13.8 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 9.538 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011626.D

Acq: 19 Jun 2019 18:58

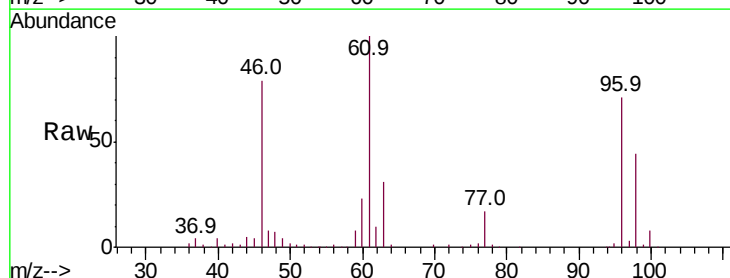
Tgt Ion: 96 Resp: 116179

Ion Ratio Lower Upper

96 100

61 141.4 102.2 189.8

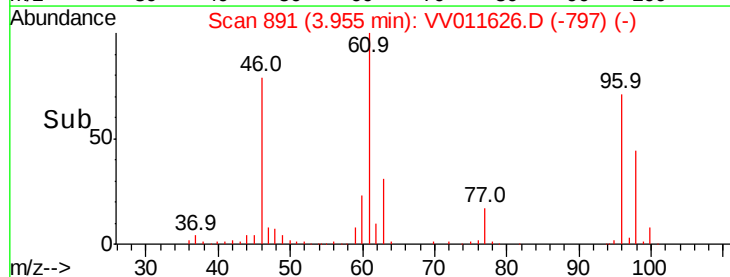
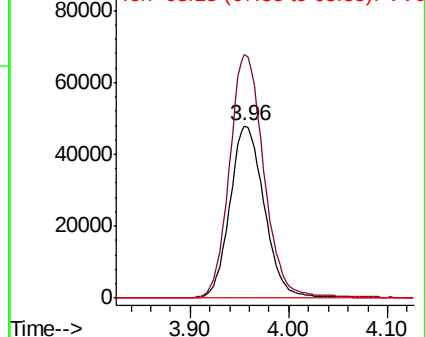
68 0.0 0.0 0.0

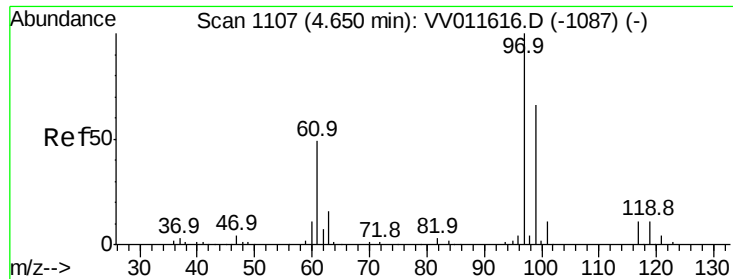


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

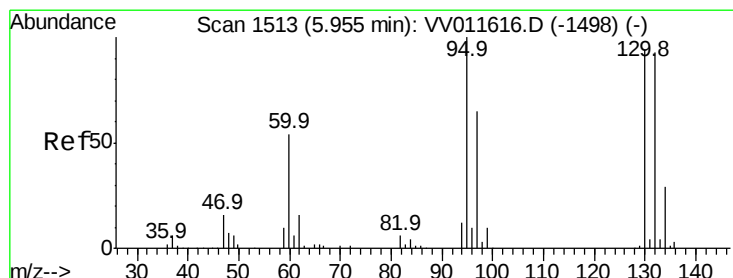
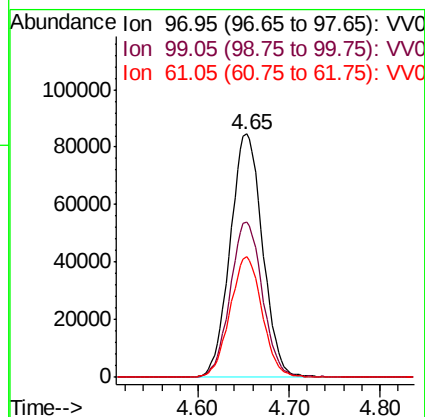
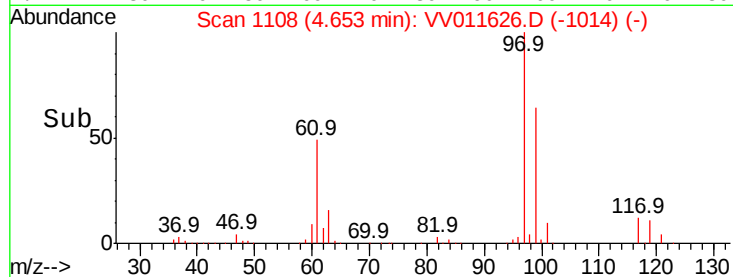
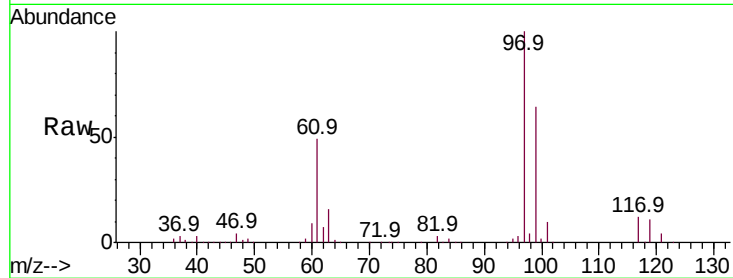




#29
1,1,1-Trichloroethane
Concen: 12.192 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011626.D
Acq: 19 Jun 2019 18:58

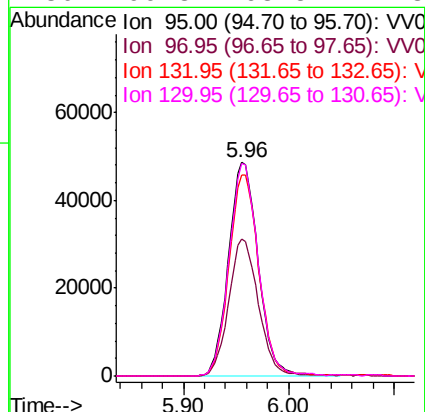
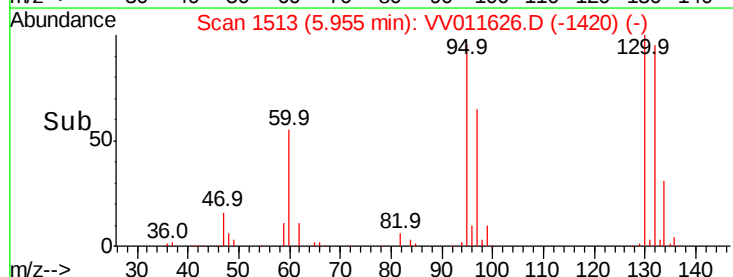
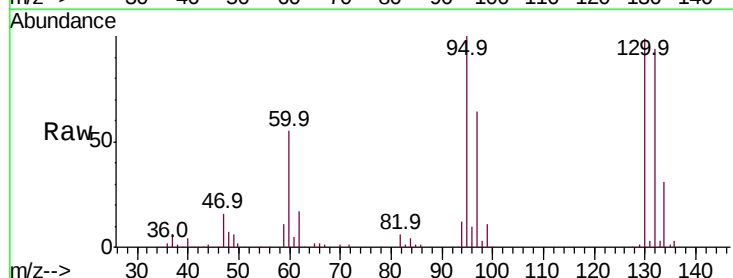
Instrument :
MSVOA_V
ClientSampled :
BFCQ6DL

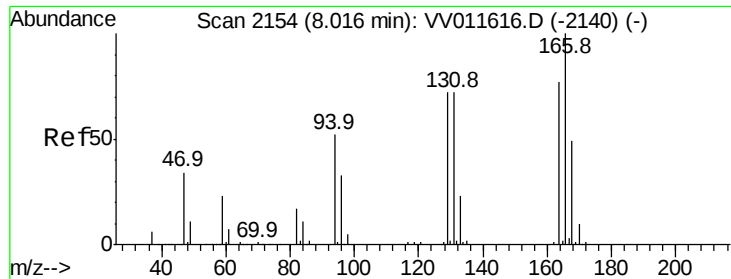
Tot Ion: 97 Resp: 209730
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 49.0 40.4 60.6



#34
Trichloroethene
Concen: 8.245 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011626.D
Acq: 19 Jun 2019 18:58

Tgt Ion: 95 Resp: 94955
Ion Ratio Lower Upper
95 100
97 64.1 44.4 82.4
132 93.8 63.5 117.9
130 99.3 68.5 127.3

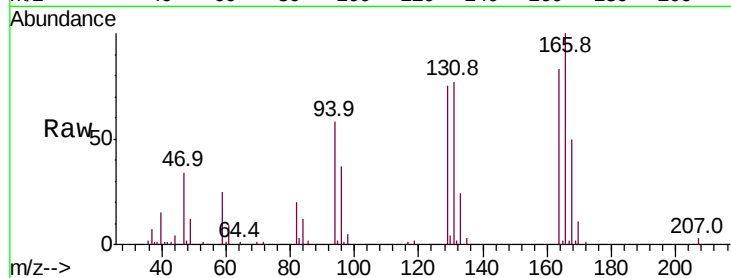




#47
Tetrachloroethene
Concen: 2.183 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011626.D
Acq: 19 Jun 2019 18:58

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6DL

Tot Ion:	164	Resp:	17929
Ion	Ratio	Lower	Upper
164	100		
129	91.0	68.8	127.8
131	93.2	63.2	117.4
166	120.9	87.0	161.6



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

