

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062019\
 Data File : VV011631.D
 Acq On : 19 Jun 2019 21:05
 Operator : SY/MD
 Sample : K3381-08 500X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ5

Quant Time: Jun 20 05:06:59 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	156602	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60301	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.57	69	38164	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.12	63	112265	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	3.95	46	162248	48.77	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.40	84	102119	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	61930	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	227240	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.12	67	69247	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	190270	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.66	79	22086	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	112259	43.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45687	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	62210	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

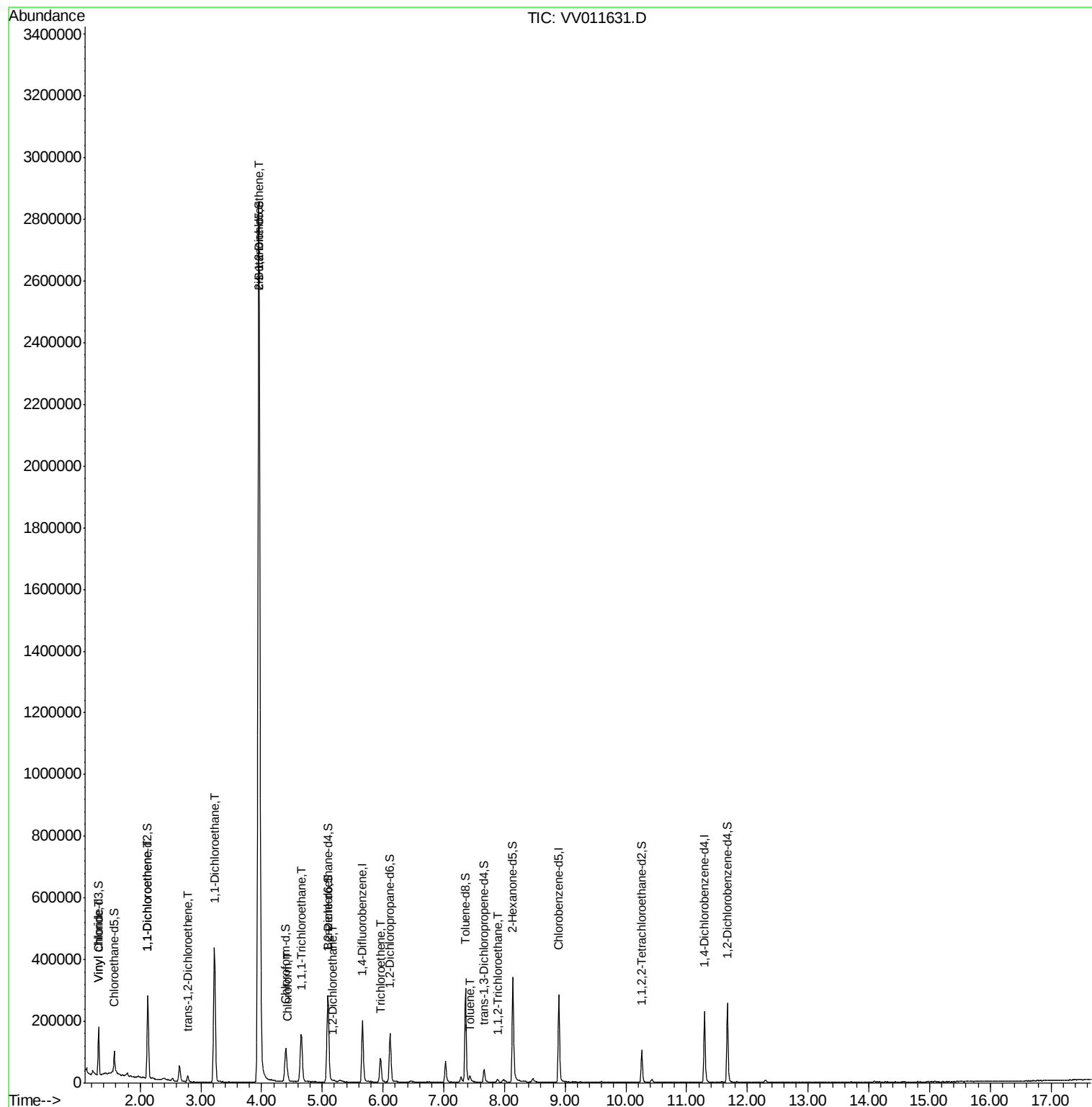
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	41810	2.798	ug/L	92
12) 1,1-Dichloroethene	2.13	96	41331	4.244	ug/L #	83
18) trans-1,2-Dichloroethene	2.78	96	5889	0.535	ug/L	98
19) 1,1-Dichloroethane	3.23	63	430370	18.891	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	1441813	115.564	ug/L	96
25) Chloroform	4.43	83	14529	0.636	ug/L	96
27) 1,2-Dichloroethane	5.18	62	3836	0.238	ug/L #	87
29) 1,1,1-Trichloroethane	4.65	97	116965	6.605	ug/L	99
34) Trichloroethene	5.96	95	26597	2.244	ug/L	96
42) Toluene	7.43	91	12463	0.259	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	2516	0.305	ug/L	86

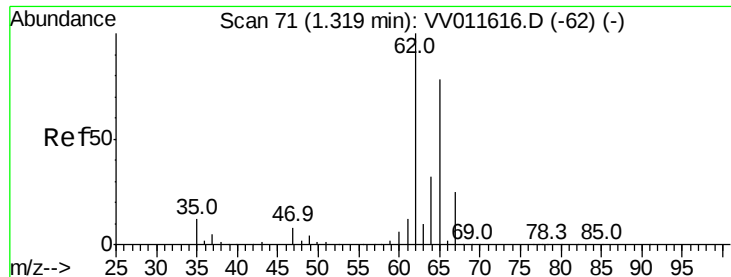
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062019\
Data File : VV011631.D
Acq On : 19 Jun 2019 21:05
Operator : SY/MD
Sample : K3381-08 500X
Misc : 25ML/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Quant Time: Jun 20 05:06:59 2019
Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 2.798 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011631.D

Acq: 19 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

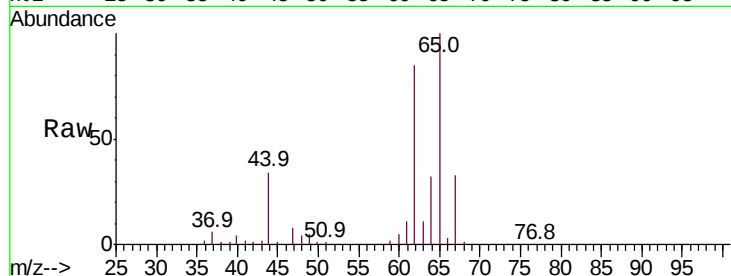
BFCQ5

Tot Ion: 62 Resp: 41810

Ion Ratio Lower Upper

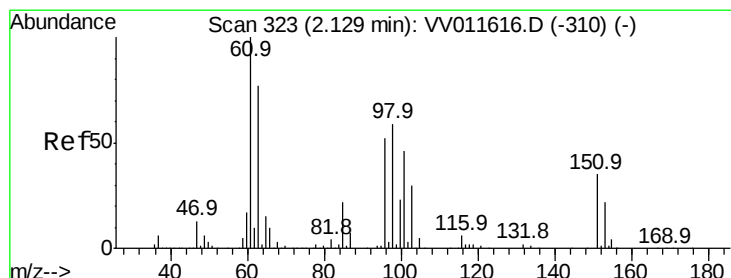
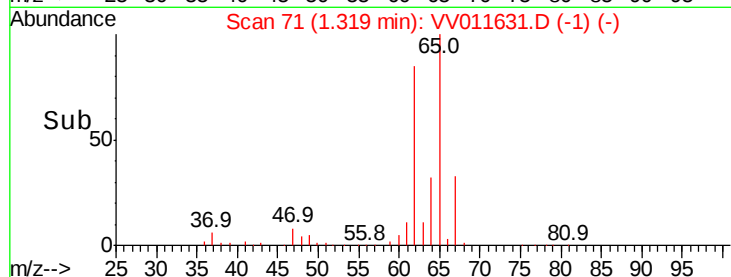
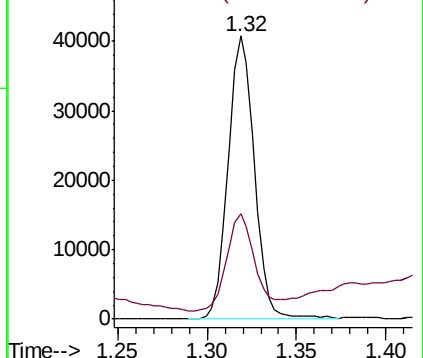
62 100

64 37.2 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 4.244 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011631.D

Acq: 19 Jun 2019 21:05

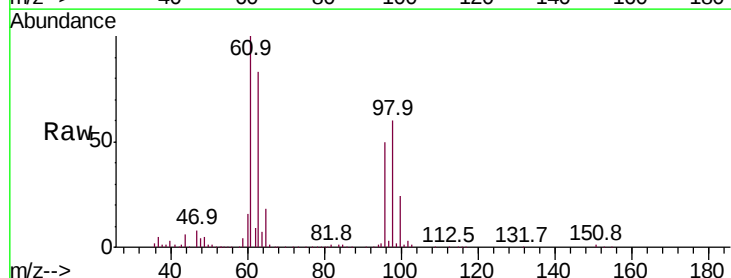
Tgt Ion: 96 Resp: 41331

Ion Ratio Lower Upper

96 100

61 199.3 135.9 252.5

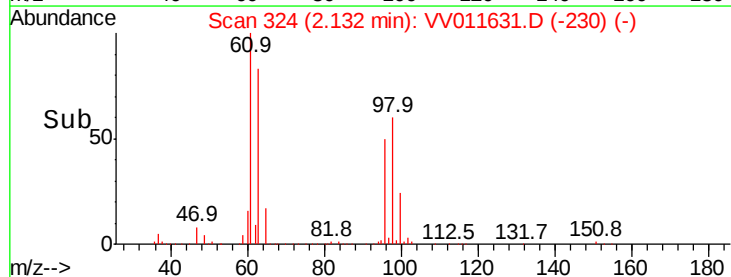
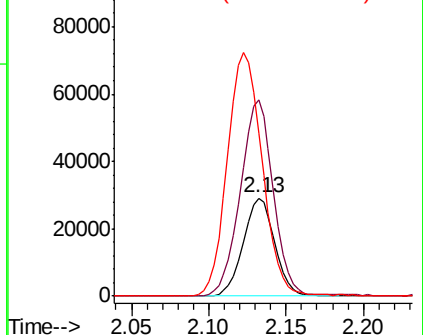
63 166.3 86.2 160.2#

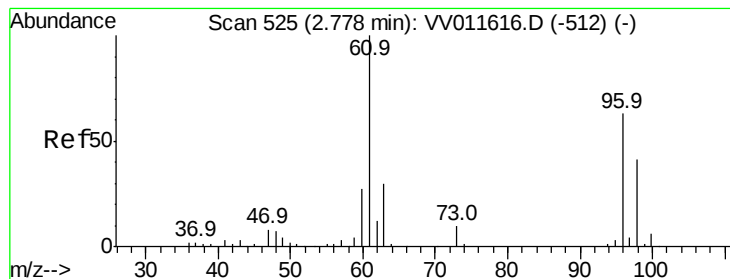


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.535 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV011631.D

Acq: 19 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

BFCQ5

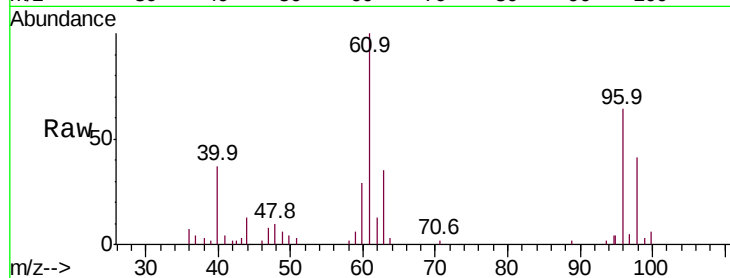
Tot Ion: 96 Resp: 5889

Ion Ratio Lower Upper

96 100

61 155.2 110.0 204.4

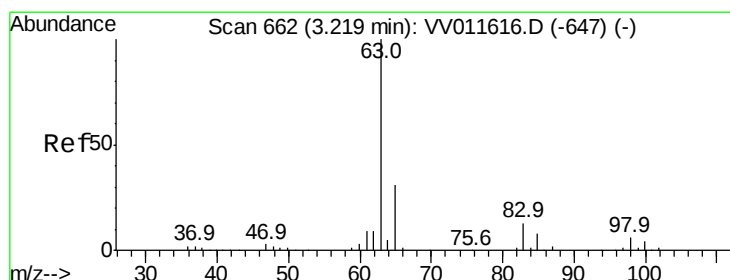
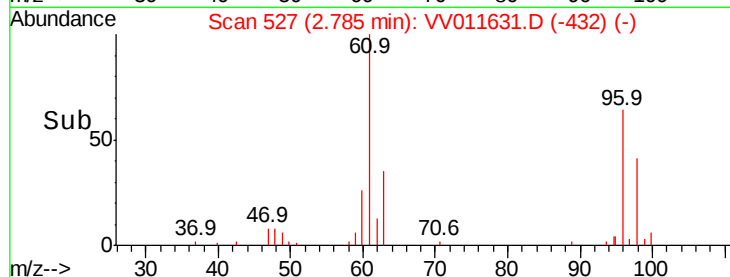
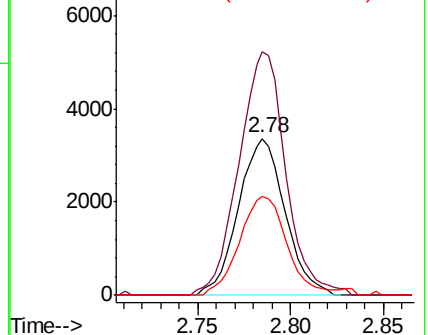
98 63.3 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VV011631.D (-512) (-)

Ion 61.05 (60.75 to 61.75): VV011631.D (-512) (-)

Ion 97.95 (97.65 to 98.65): VV011631.D (-512) (-)



#19

1,1-Dichloroethane

Concen: 18.891 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.01 min

Lab File: VV011631.D

Acq: 19 Jun 2019 21:05

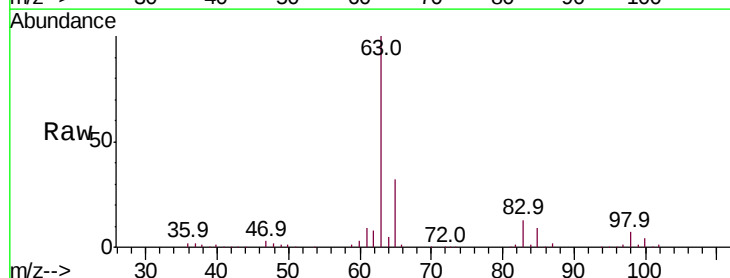
Tgt Ion: 63 Resp: 430370

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

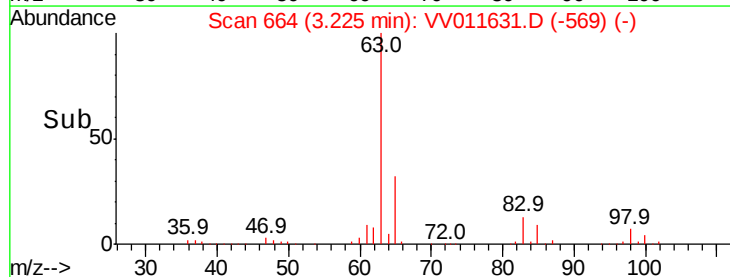
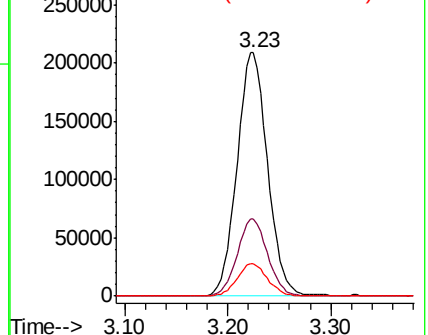
83 13.1 10.1 18.9

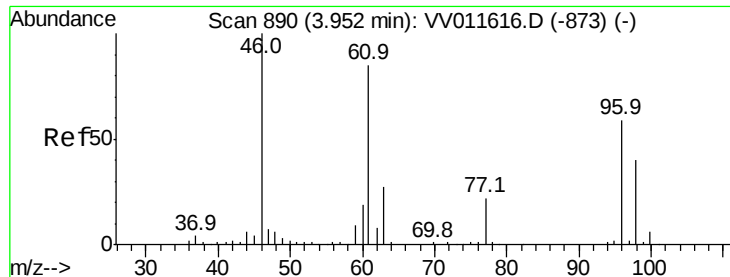


Abundance Ion 63.10 (62.80 to 63.80): VV011631.D (-569) (-)

Ion 65.10 (64.80 to 65.80): VV011631.D (-569) (-)

Ion 83.05 (82.75 to 83.75): VV011631.D (-569) (-)

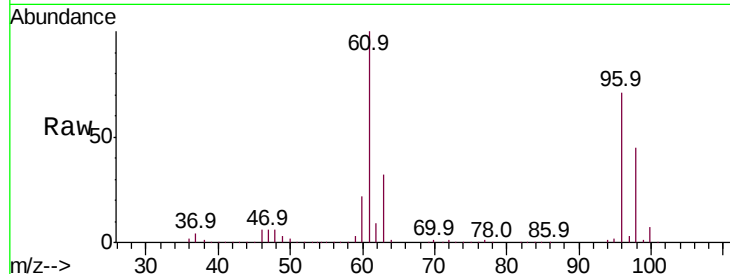




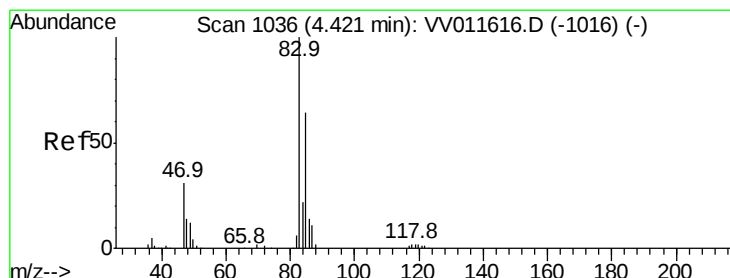
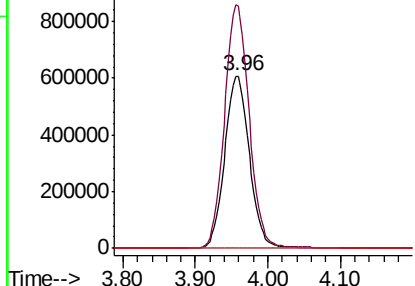
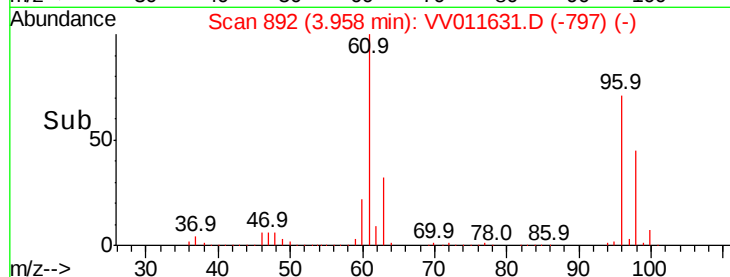
#22
 cis-1,2-Dichloroethene
 Concen: 115.564 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: VV011631.D
 Acq: 19 Jun 2019 21:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ5

Tot Ion: 96 Resp: 1441813
 Ion Ratio Lower Upper
 96 100
 61 141.1 102.2 189.8
 68 0.0 0.0 0.0

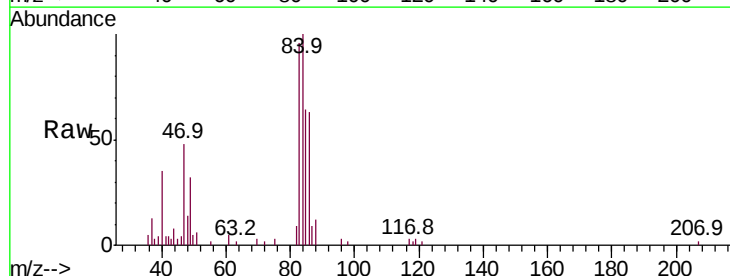


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

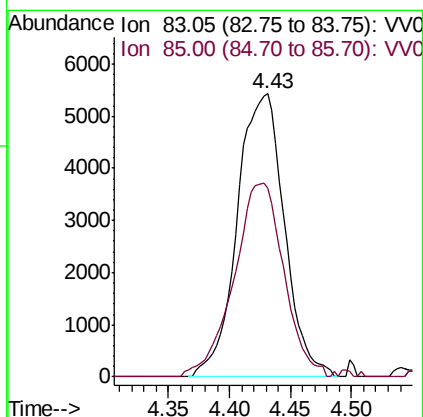
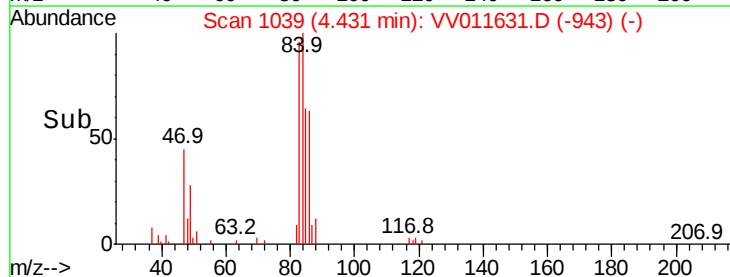


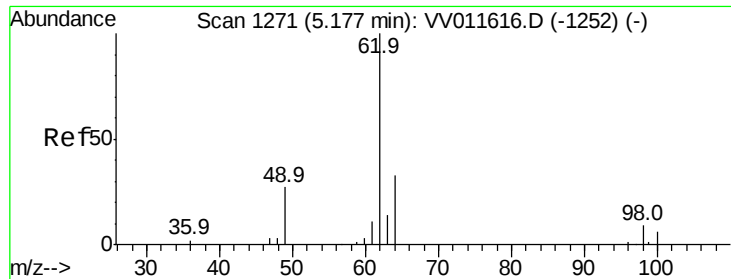
#25
 Chloroform
 Concen: 0.636 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VV011631.D
 Acq: 19 Jun 2019 21:05

Tgt Ion: 83 Resp: 14529
 Ion Ratio Lower Upper
 83 100
 85 66.7 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

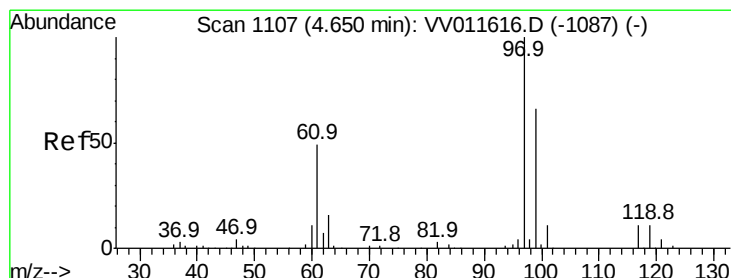
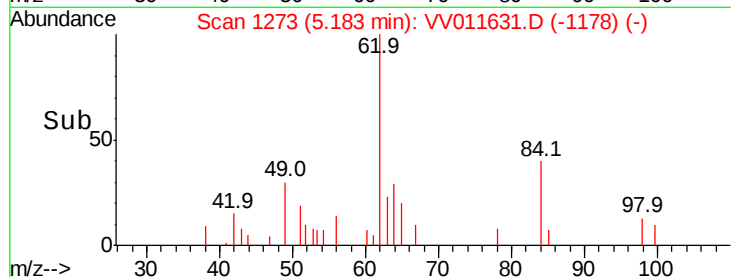
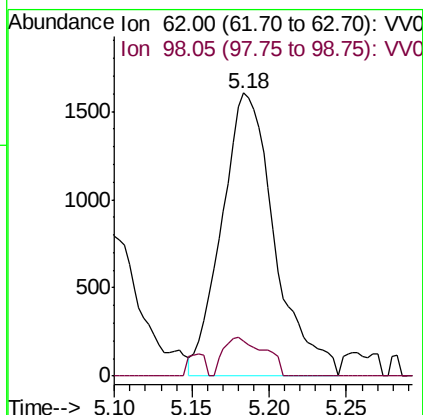
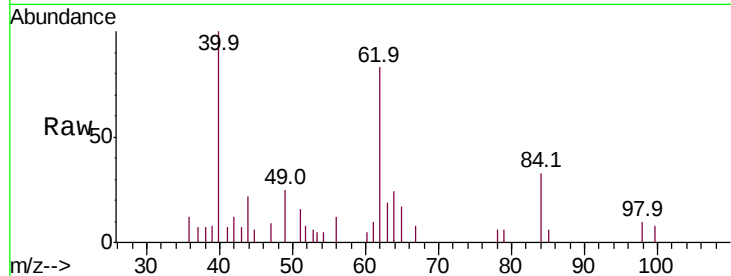




#27
 1,2-Dichloroethane
 Concen: 0.238 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VV011631.D
 Acq: 19 Jun 2019 21:05

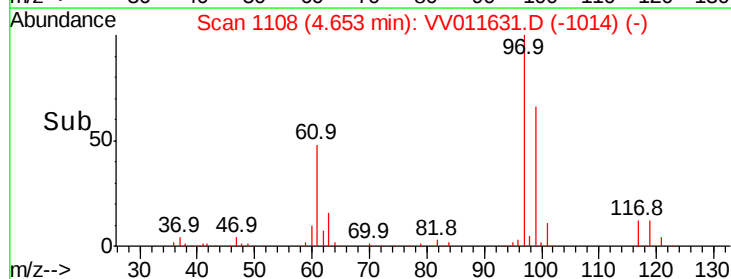
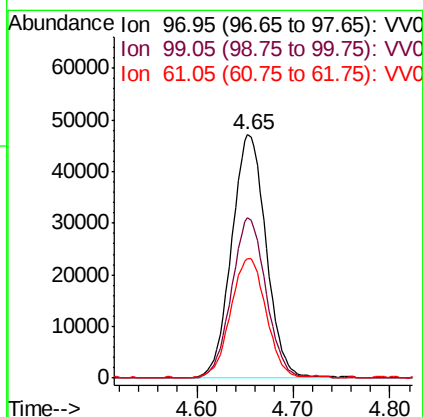
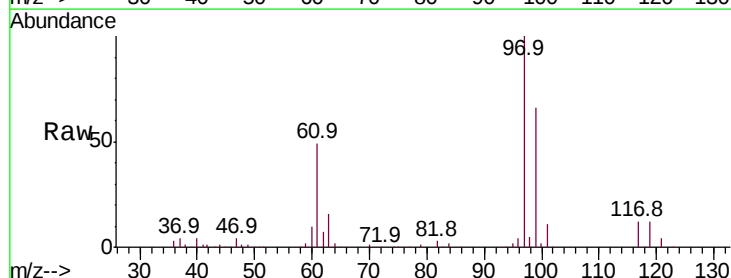
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ5

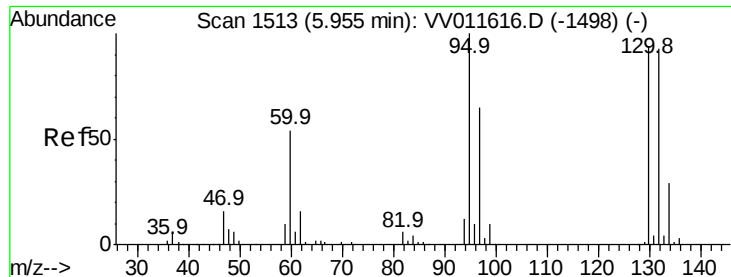
Tot Ion: 62 Resp: 3836
 Ion Ratio Lower Upper
 62 100
 98 12.5 6.5 9.7#



#29
 1,1,1-Trichloroethane
 Concen: 6.605 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV011631.D
 Acq: 19 Jun 2019 21:05

Tgt Ion: 97 Resp: 116965
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.6 77.4
 61 49.7 40.4 60.6





#34

Trichloroethene

Concen: 2.244 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011631.D

Acq: 19 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

BFCQ5

Tot Ion: 95 Resp: 26597

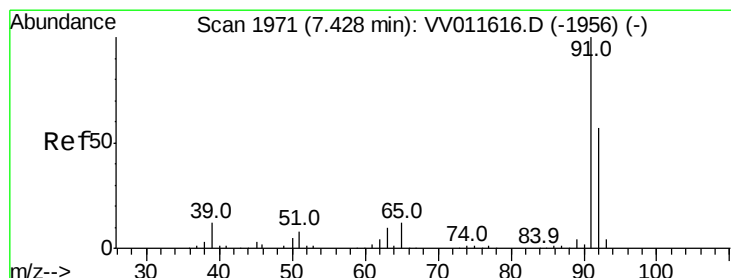
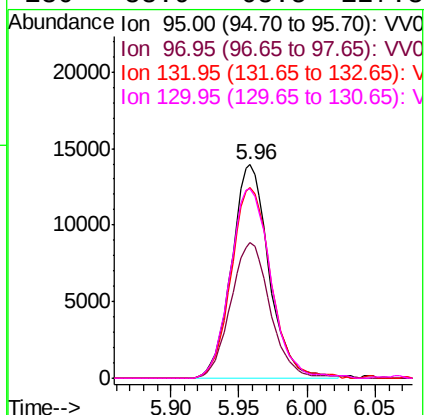
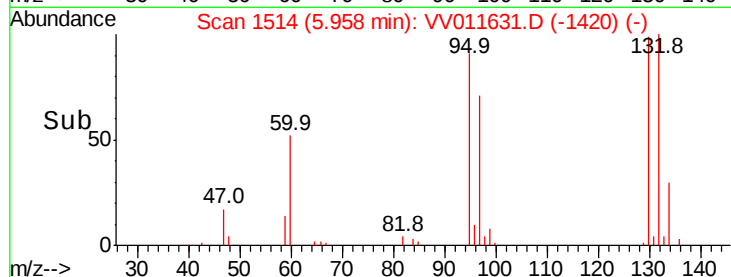
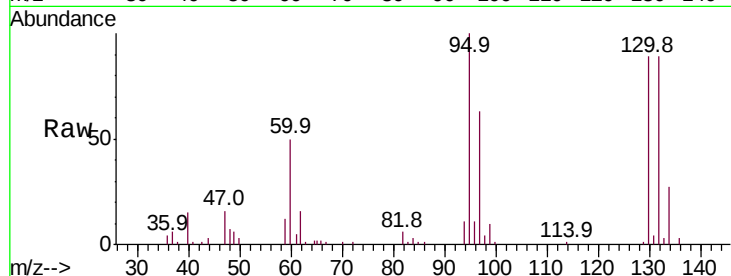
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.4

132 89.5 63.5 117.9

130 88.9 68.5 127.3



#42

Toluene

Concen: 0.259 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011631.D

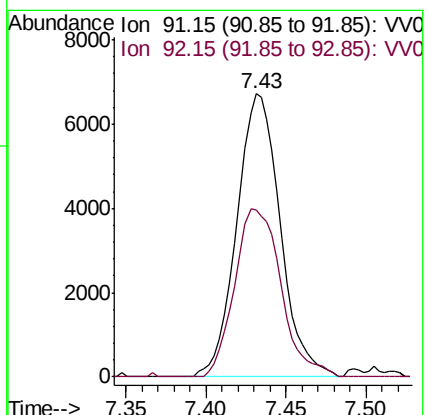
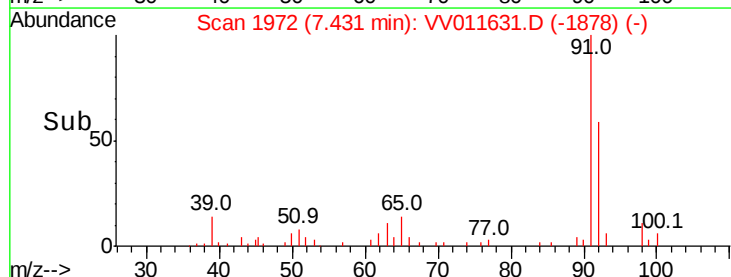
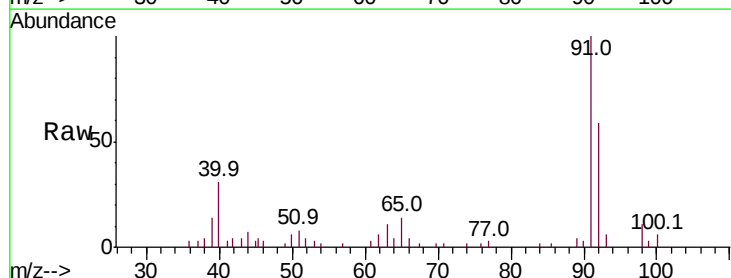
Acq: 19 Jun 2019 21:05

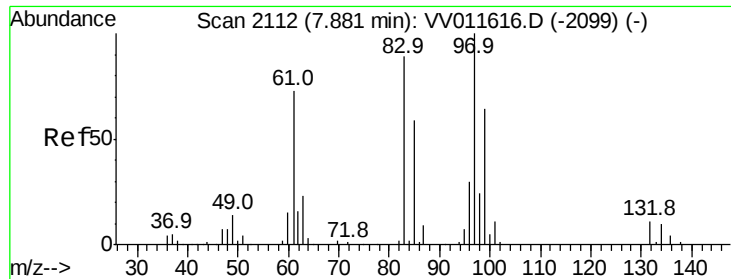
Tgt Ion: 91 Resp: 12463

Ion Ratio Lower Upper

91 100

92 58.9 40.5 75.1

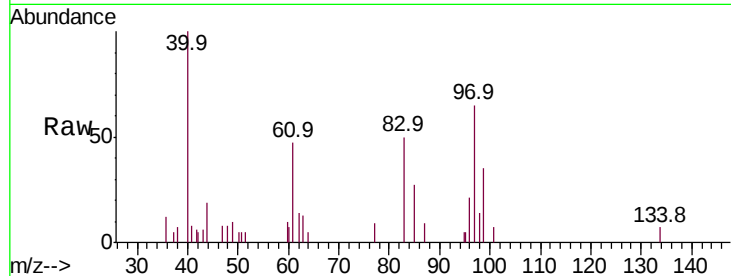




#45
 1,1,2-Trichloroethane
 Concen: 0.305 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VV011631.D
 Acq: 19 Jun 2019 21:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ5

Tot Ion:	97	Resp:	2516
Ion	Ratio	Lower	Upper
97	100		
99	53.8	45.4	84.4
83	76.2	60.6	112.6
85	41.4	38.6	71.6



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

