

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017164.D
 Acq On : 26 Jun 2020 06:48
 Operator : SY/MD
 Sample : L3107-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP3

Quant Time: Jun 26 07:08:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161523	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157860	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71718	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47318	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	37393	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	70348	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.93	46	111918	45.30	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.60%
24) Chloroform-d	4.38	84	101926	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	54560	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.07	84	188214	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.10	67	54048	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.34	98	161775	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
45) trans-1,3-Dichloropropene-	7.64	79	20783	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	78173	40.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38991	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	65088	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

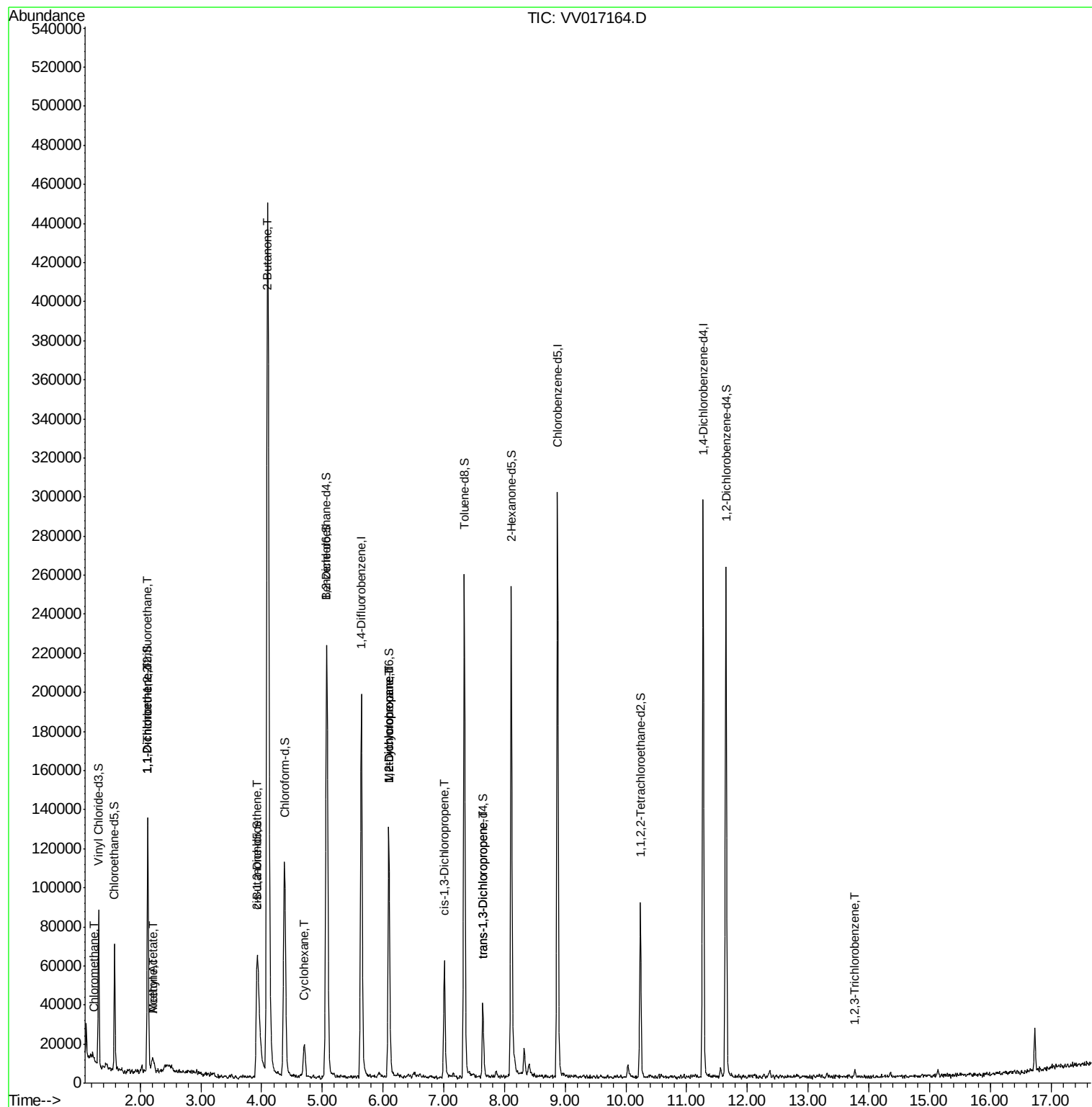
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	873	0.080	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	777	0.091	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	553	0.071	ug/L #	1
13) Acetone	2.21	43	12697	10.166	ug/L	91
15) Methyl Acetate	2.21	43	12061	3.950	ug/L #	53
21) 2-Butanone	4.10	43	723179	307.167	ug/L #	50
22) cis-1,2-Dichloroethene	3.94	96	1913	0.170	ug/L	99
30) Cyclohexane	4.70	56	8276	0.460	ug/L	99
35) Methylcyclohexane	6.10	83	14318	0.761	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7717	0.754	ug/L #	90
39) cis-1,3-Dichloropropene	7.02	75	1975	0.130	ug/L	89
46) trans-1,3-Dichloropropene	7.65	75	1279	0.097	ug/L	95
71) 1,2,3-Trichlorobenzene	13.77	180	1173	0.101	ug/L #	83

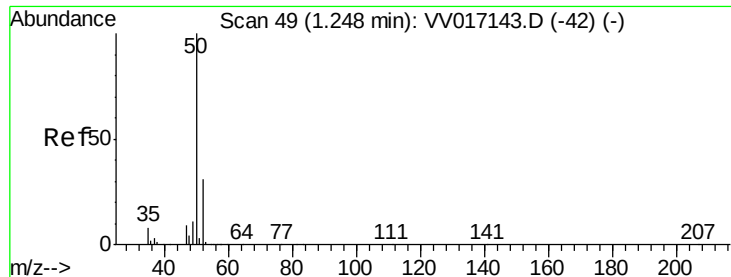
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017164.D

Acq: 26 Jun 2020 06:48

Instrument :

MSVOA_V

ClientSampleId :

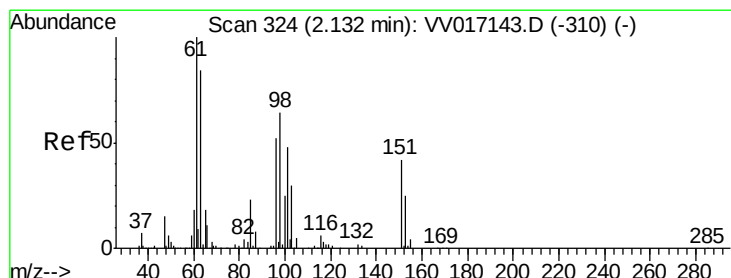
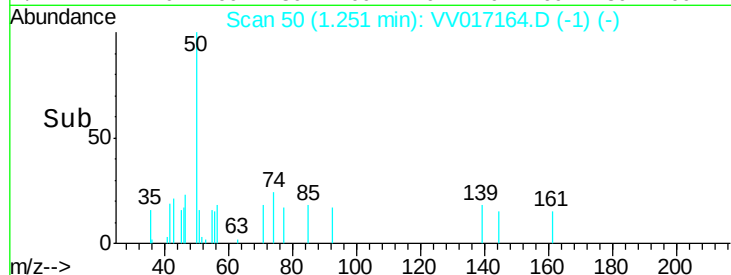
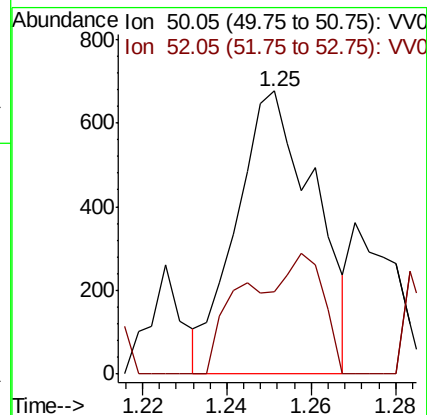
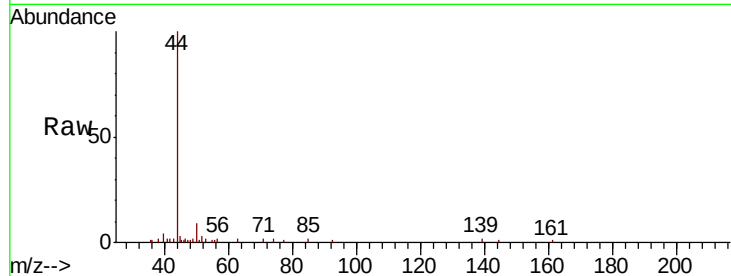
BFXP3

Tot Ion: 50 Resp: 873

Ion Ratio Lower Upper

50 100

52 29.3 22.5 41.9



#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017164.D

Acq: 26 Jun 2020 06:48

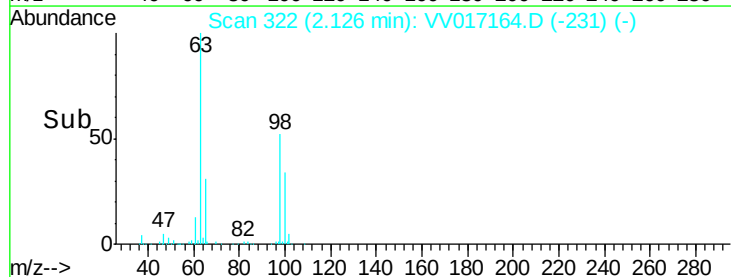
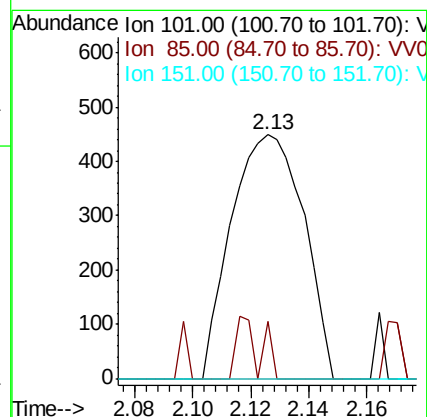
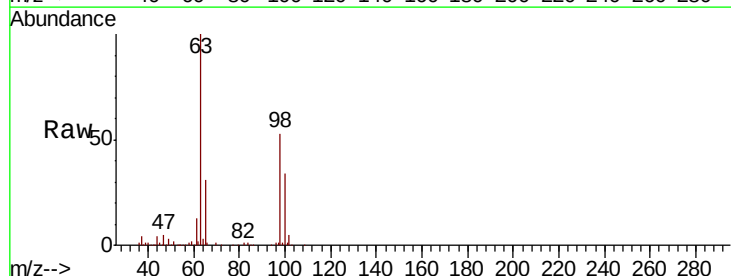
Tgt Ion: 101 Resp: 777

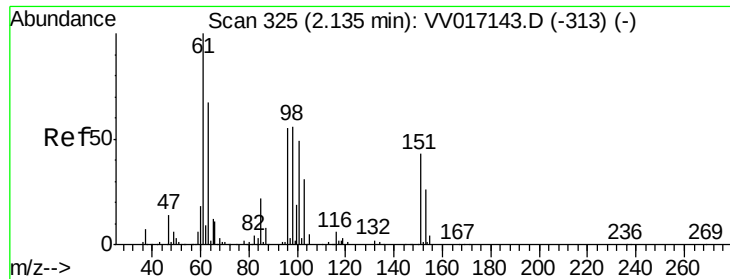
Ion Ratio Lower Upper

101 100

85 8.1 35.4 53.2#

151 0.0 63.9 95.9#

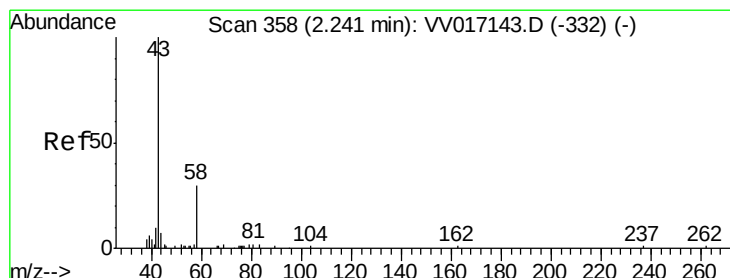
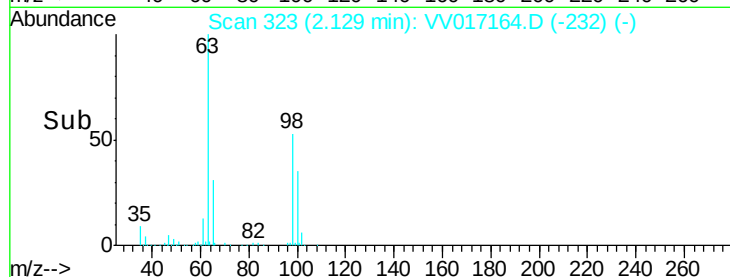
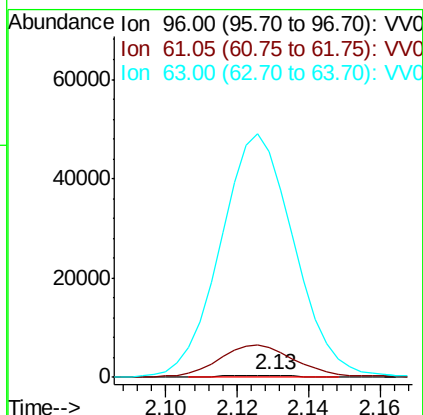
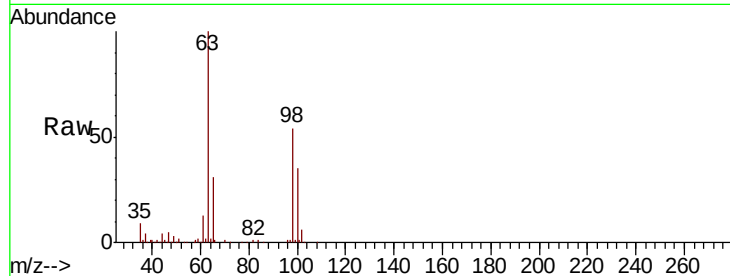




#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

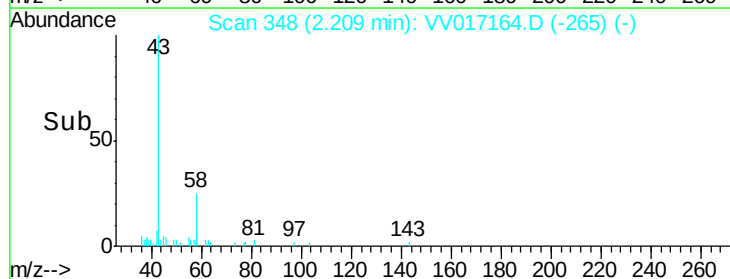
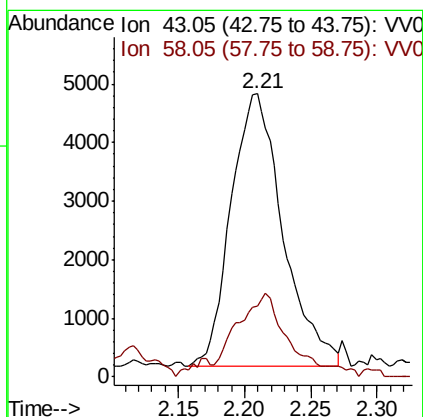
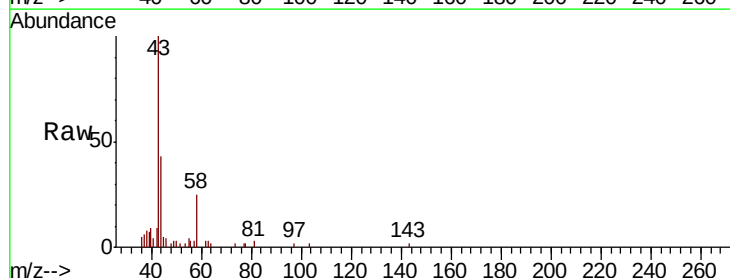
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP3

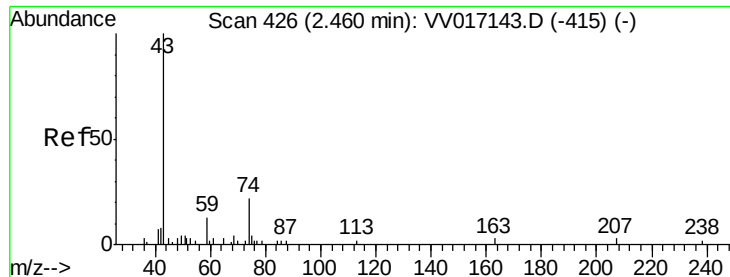
Tot Ion: 96 Resp: 553
 Ion Ratio Lower Upper
 96 100
 61 1564.7 125.0 232.2#
 63 11978.9 109.8 203.8#



#13
 Acetone
 Concen: 10.166 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

Tgt Ion: 43 Resp: 12697
 Ion Ratio Lower Upper
 43 100
 58 24.6 0.0 58.4

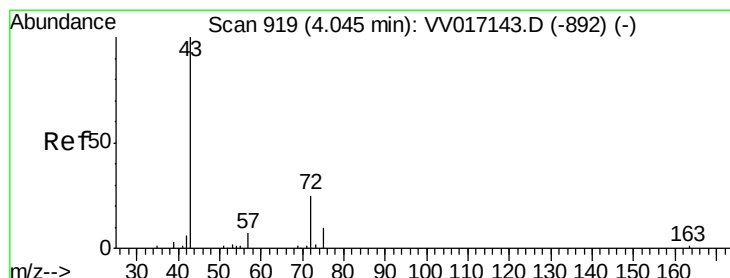
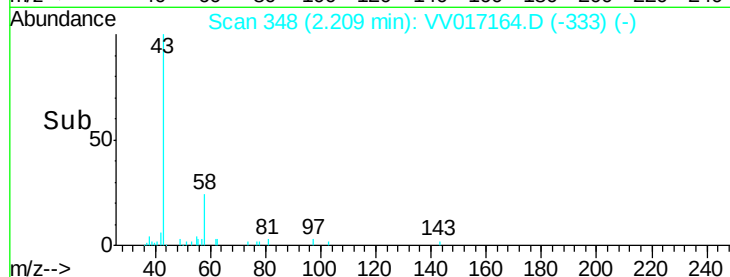
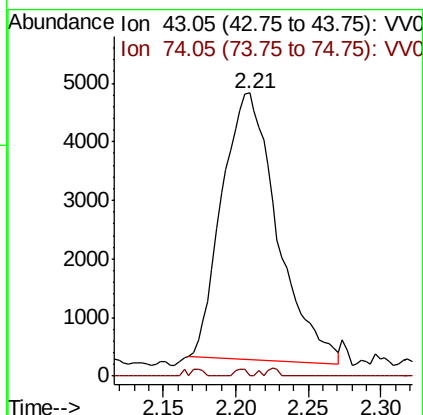
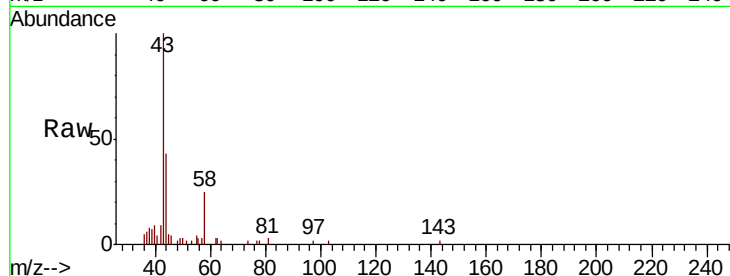




#15
Methvl Acetate
Concen: 3.950 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.25 min
Lab File: VV017164.D
Acq: 26 Jun 2020 06:48

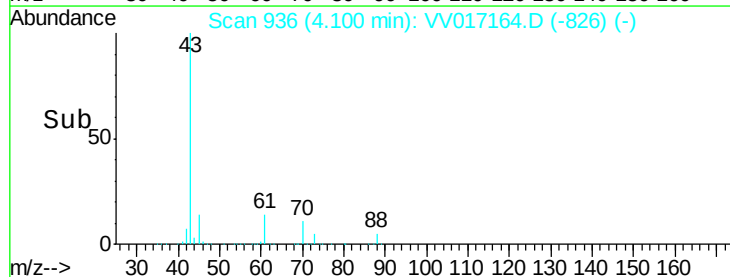
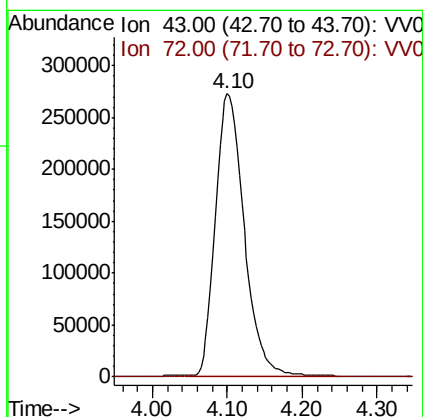
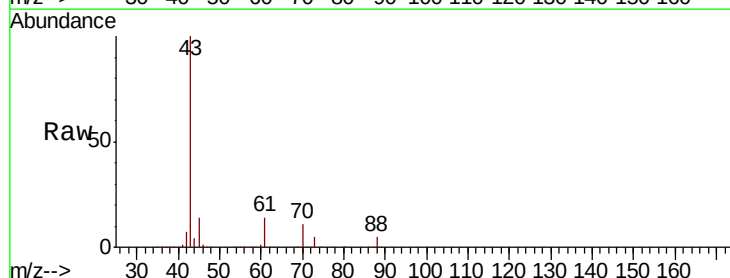
Instrument :
MSVOA_V
ClientSampled :
BFXP3

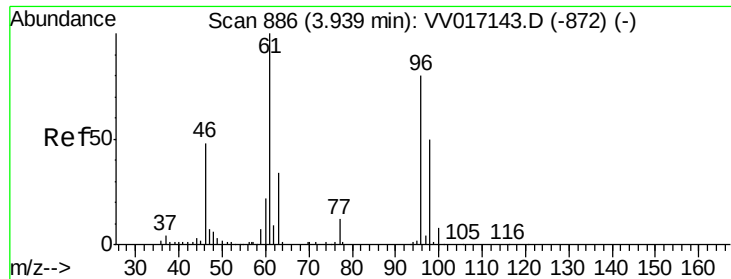
Tot Ion: 43 Resp: 12061
Ion Ratio Lower Upper
43 100
74 0.5 19.1 28.7#



#21
2-Butanone
Concen: 307.167 ug/L
RT: 4.10 min Scan# 936
Delta R.T. 0.05 min
Lab File: VV017164.D
Acq: 26 Jun 2020 06:48

Tgt Ion: 43 Resp: 723179
Ion Ratio Lower Upper
43 100
72 0.1 12.4 37.4#



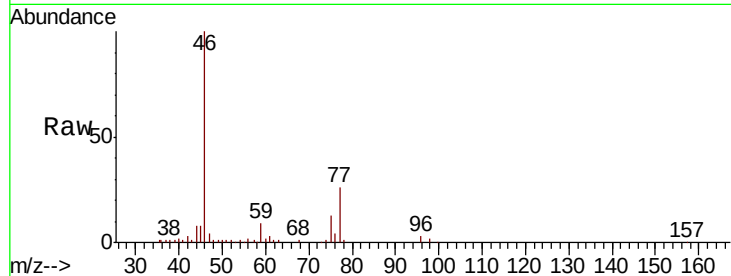


#22

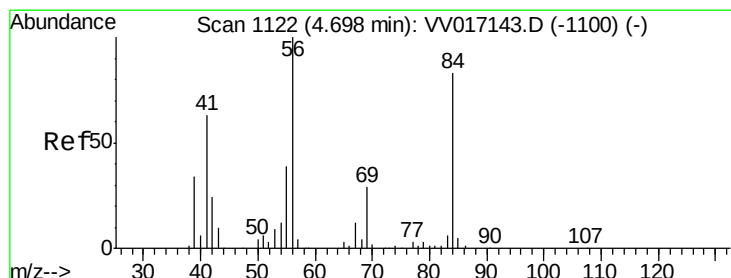
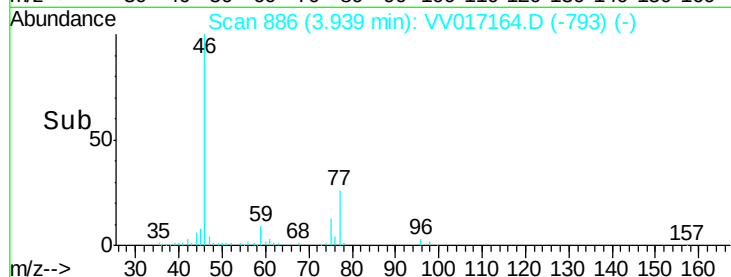
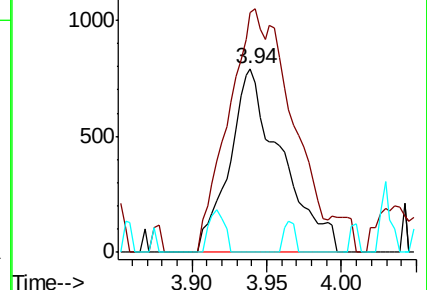
cis-1,2-Dichloroethene
 Concen: 0.170 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP3

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	91.0	169.0
68	0.0	0.0	0.0



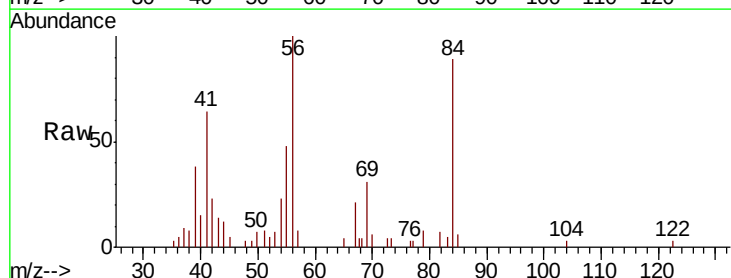
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



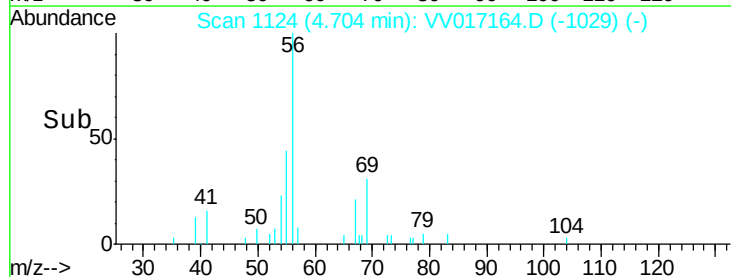
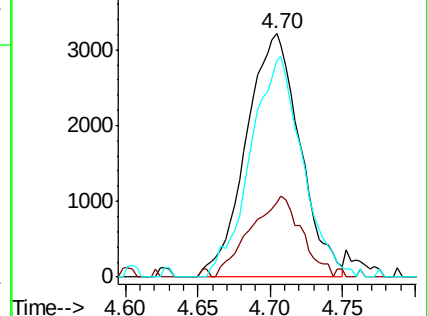
#30

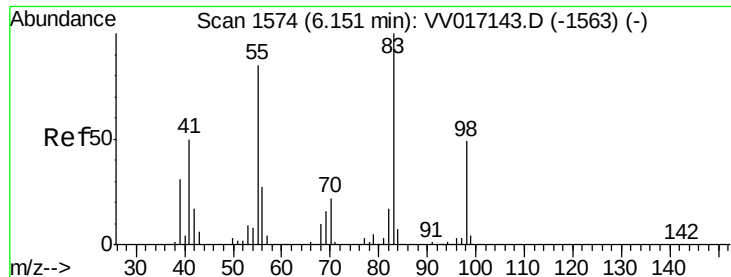
Cyclohexane
 Concen: 0.460 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.4	36.6
84	87.7	69.9	104.9



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0

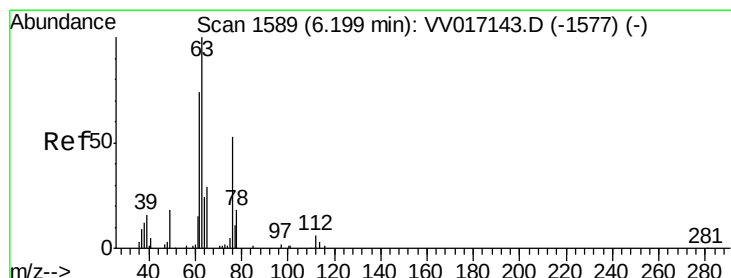
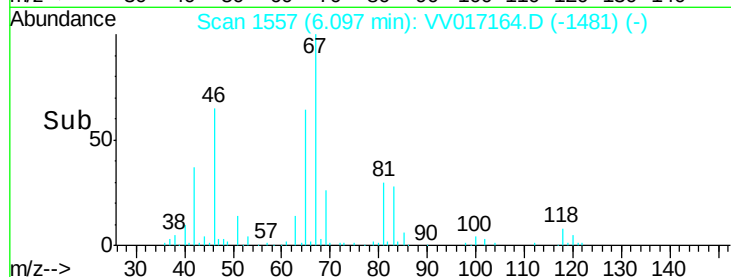
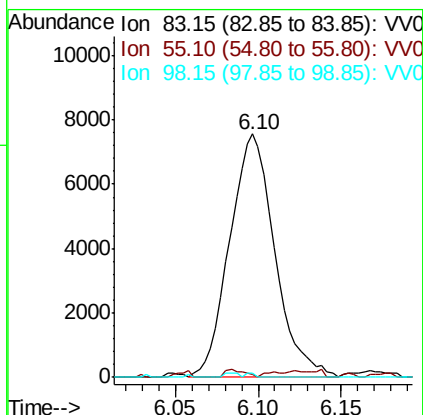
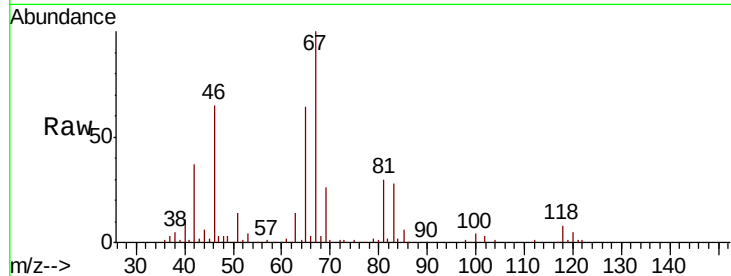




#35
Methylvlcyclohexane
Concen: 0.761 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017164.D
Acq: 26 Jun 2020 06:48

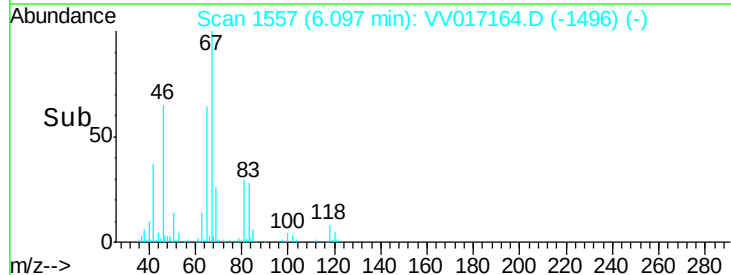
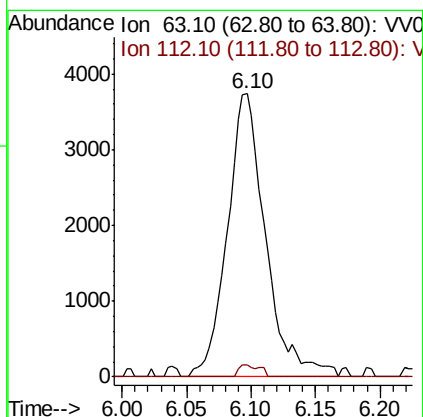
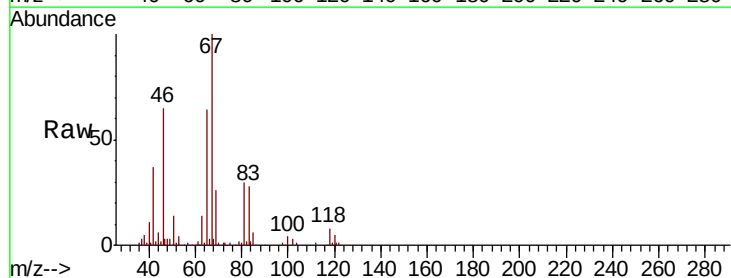
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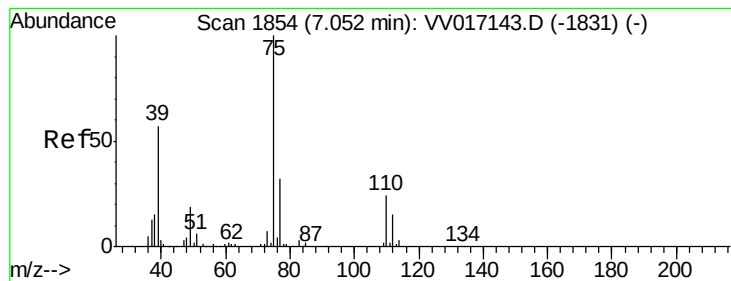
Tot Ion: 83 Resp: 14318
Ion Ratio Lower Upper
83 100
55 0.9 63.6 95.4#
98 0.3 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.754 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017164.D
Acq: 26 Jun 2020 06:48

Tgt Ion: 63 Resp: 7717
Ion Ratio Lower Upper
63 100
112 2.3 4.4 6.6#



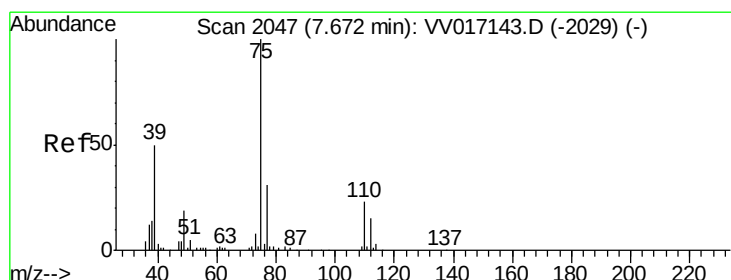
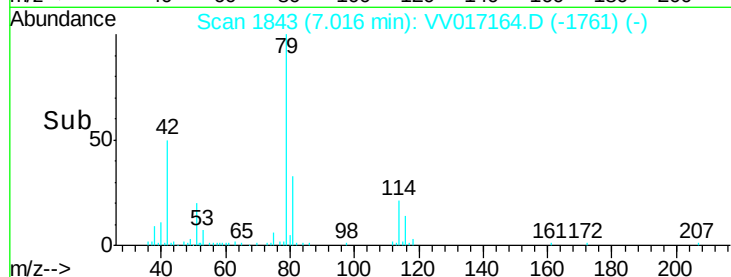
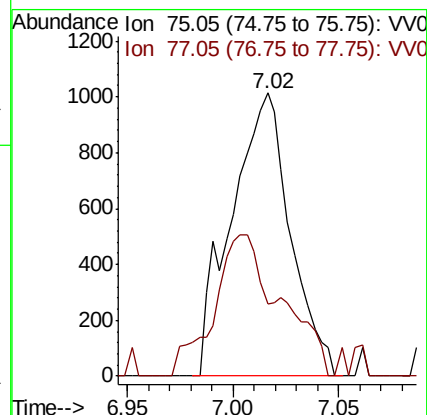
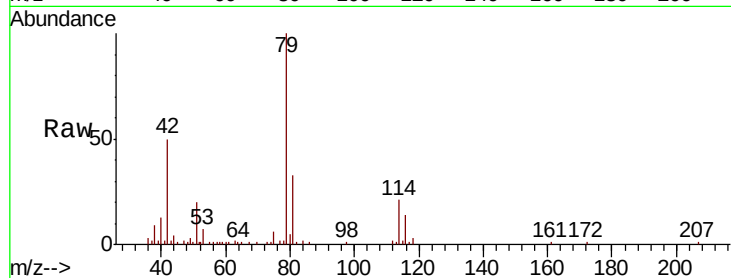


#39

cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP3

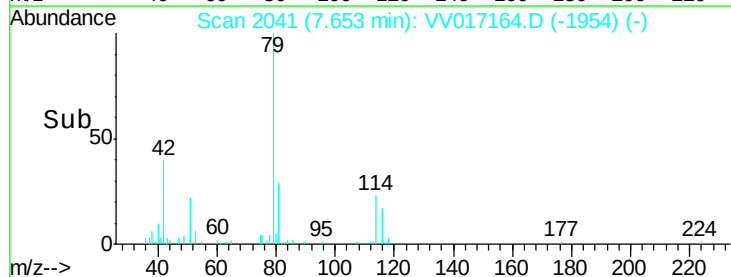
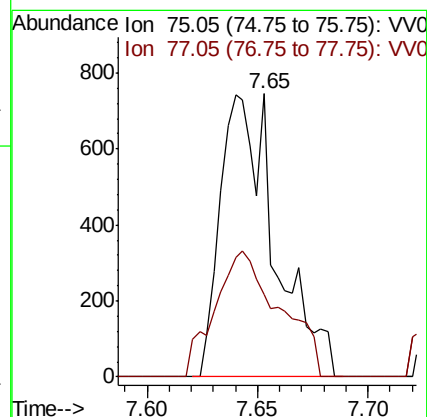
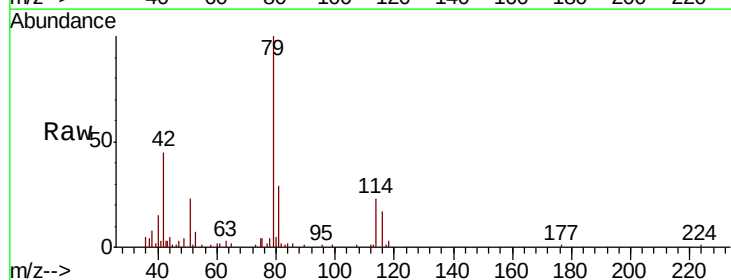
Tot Ion: 75 Resp: 1975
 Ion Ratio Lower Upper
 75 100
 77 25.7 22.3 41.5

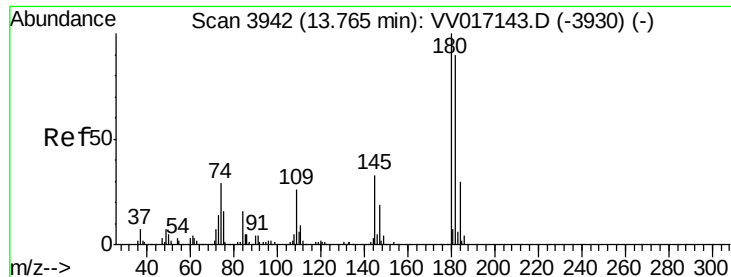


#46

trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.65 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

Tgt Ion: 75 Resp: 1279
 Ion Ratio Lower Upper
 75 100
 77 29.3 22.3 41.3

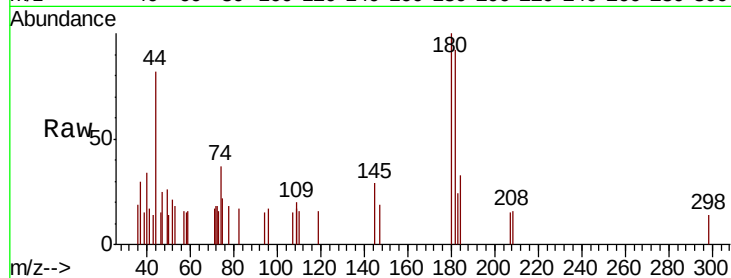




#71
 1,2,3-Trichlorobenzene
 Concen: 0.101 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VV017164.D
 Acq: 26 Jun 2020 06:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP3

Tot Ion:180 Resp: 1173
 Ion Ratio Lower Upper
 180 100
 182 81.7 77.4 116.0
 145 43.6 25.9 38.9#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

