

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058218.D
 Acq On : 19 Sep 2019 20:44
 Operator : JC/SP
 Sample : K4896-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 04:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	514734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	827068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	367827	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.58	113	258050	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.08	98	1042580	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.40	95	327282	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	53728	12.706	ug/l	96
3) Chloromethane	2.04	50	1879	Below Cal	#	61
4) Vinyl Chloride	2.17	62	884	Below Cal	#	39
5) Bromomethane	2.54	94	29	0.738	ug/l #	4
6) Chloroethane	2.70	64	134	Below Cal	#	44
7) Trichlorofluoromethane	3.00	101	1180696	204.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	14948	3.592	ug/l	94
12) 1,1-Dichloroethene	3.72	96	214572	68.076	ug/l	97
16) Acetone	3.80	43	992	0.408	ug/l #	87
17) Carbon Disulfide	4.03	76	279	0.333	ug/l #	74
18) Methyl Acetate	4.32	43	1794	0.280	ug/l #	57
20) Methylene Chloride	4.54	84	65	Below Cal	#	4
21) trans-1,2-Dichloroethene	5.00	96	475	Below Cal	#	52
24) 1,1-Dichloroethane	5.83	63	38972	4.222	ug/l #	96
27) cis-1,2-Dichloroethene	6.81	96	13906	2.664	ug/l	90
28) Bromochloromethane	7.36	49	3845	0.880	ug/l #	16
29) Tetrahydrofuran	7.20	42	898	0.440	ug/l #	75
30) Chloroform	7.36	83	41623	4.189	ug/l	93
31) Cyclohexane	7.65	56	12976	Below Cal	#	1
32) 1,1,1-Trichloroethane	7.55	97	58132	7.685	ug/l	96
36) 1,1-Dichloropropene	7.65	75	43885	7.358	ug/l #	47
38) Carbon Tetrachloride	7.65	117	53376	8.903	ug/l #	15
39) Methylcyclohexane	8.82	83	6965	1.277	ug/l #	1
41) Methacrylonitrile	7.13	41	62	0.930	ug/l #	100
43) Isopropyl Acetate	8.22	43	11729	1.015	ug/l #	57
44) Trichloroethene	8.82	130	494565	110.939	ug/l	99
49) 1,4-Dioxane	9.19	88	1889	21.921	ug/l #	81
55) 1,1,2-Trichloroethane	10.56	97	1960	0.387	ug/l	96
60) Dibromochloromethane	10.63	129	464328	95.260	ug/l #	11
64) Tetrachloroethene	10.63	164	503333	145.795	ug/l	99
71) Bromoform	12.40	173	2391	4.258	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	180204	36.421	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	180204	101.649	ug/l #	5

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

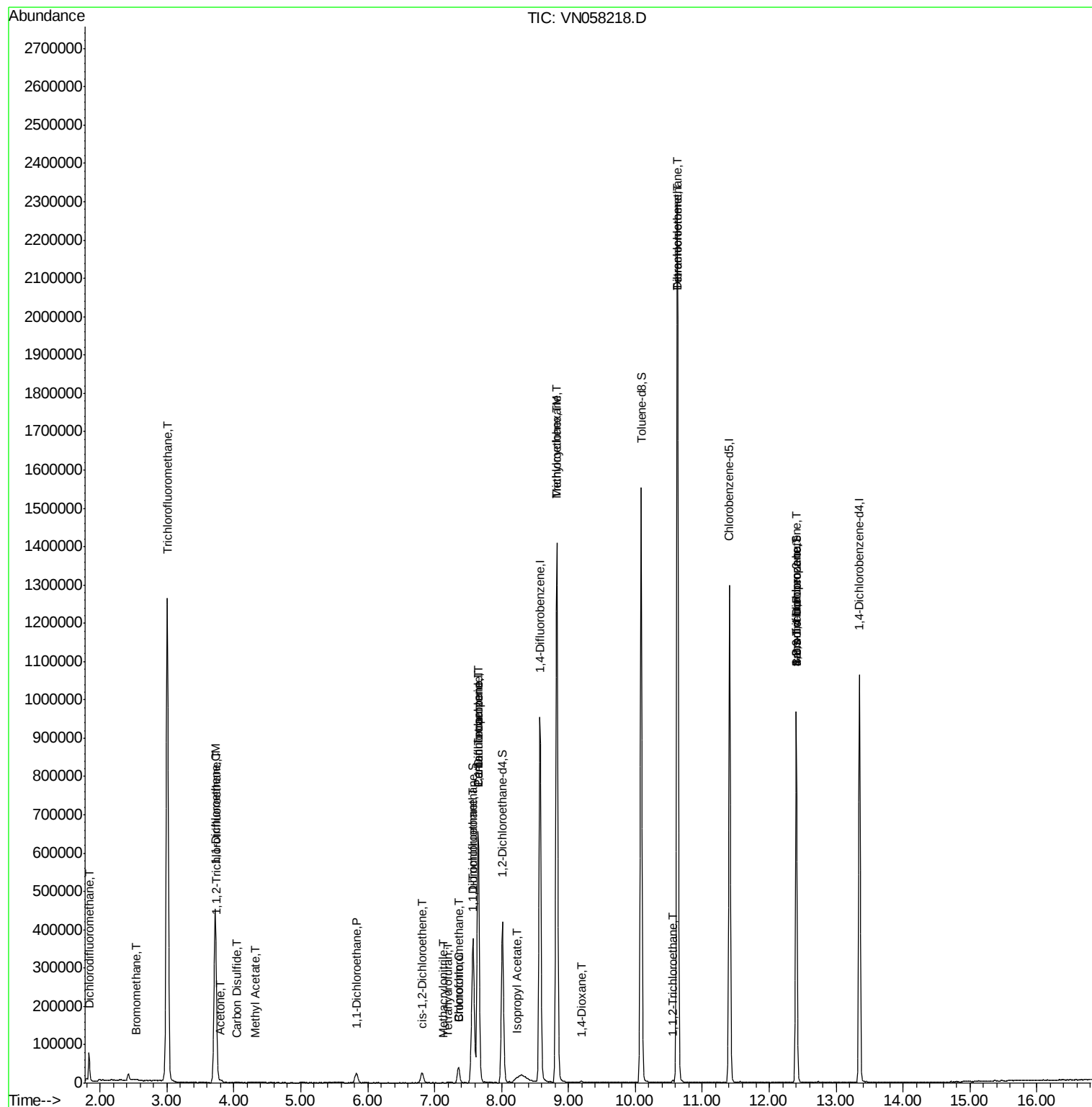
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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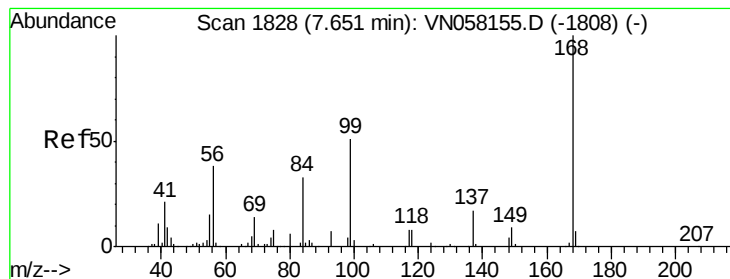
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

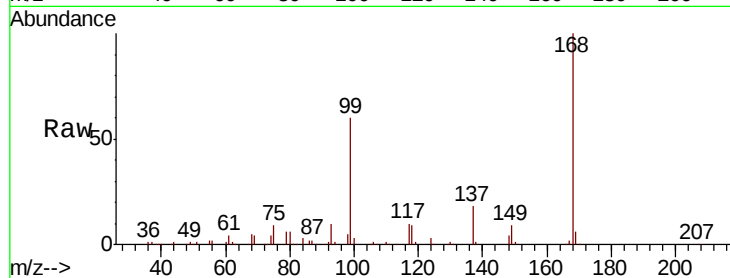
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 514734

Ion Ratio Lower Upper

168 100

99 60.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

100000

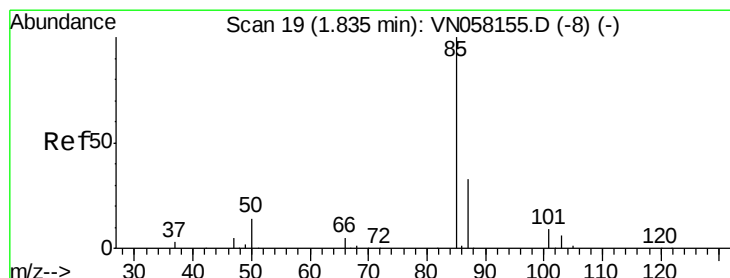
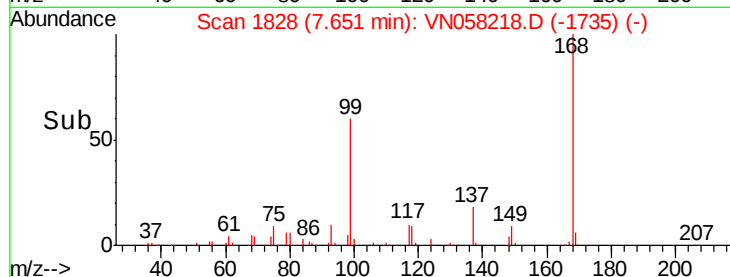
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 12.706 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058218.D

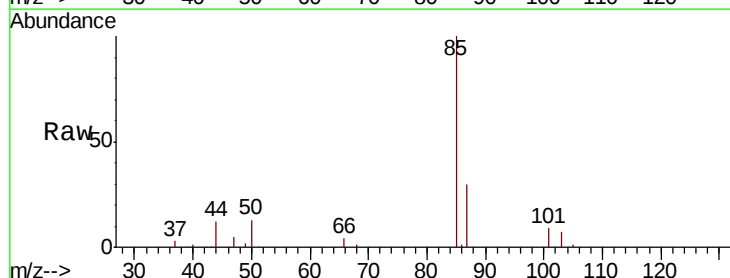
Acq: 19 Sep 2019 20:44

Tgt Ion: 85 Resp: 53728

Ion Ratio Lower Upper

85 100

87 30.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

30000

20000

10000

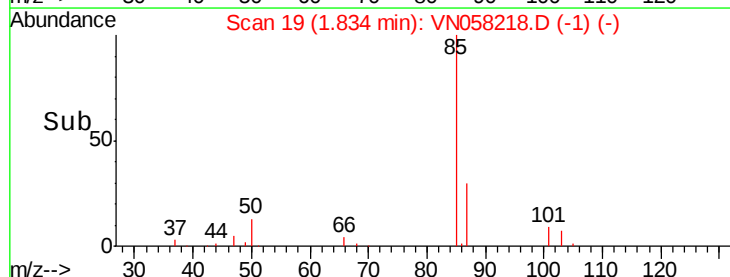
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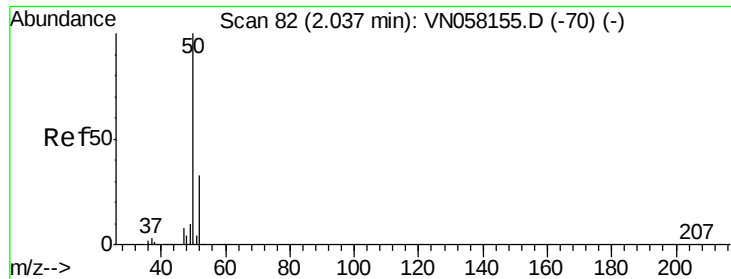
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

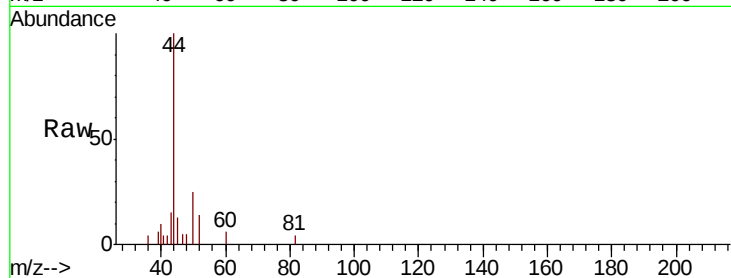
ClientSampled :

Tot Ion: 50 Resp: 1879

Ion Ratio Lower Upper

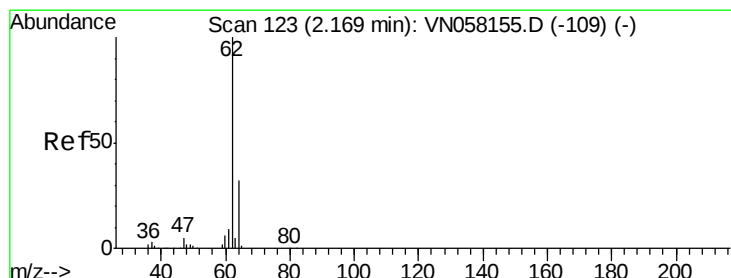
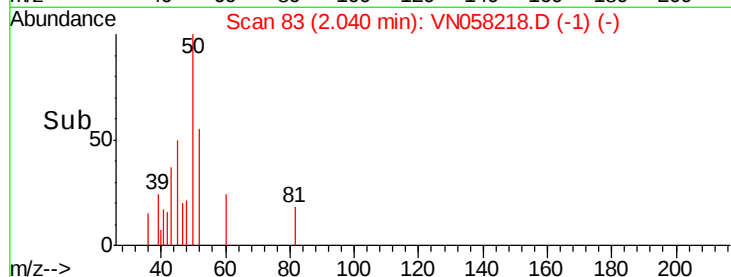
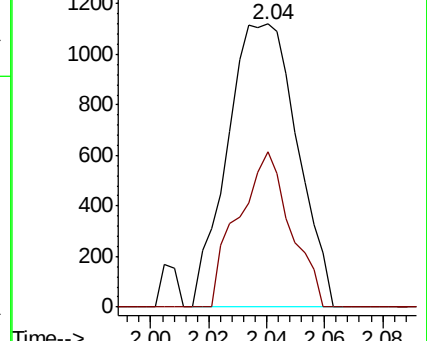
50 100

52 54.9 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN058218.D

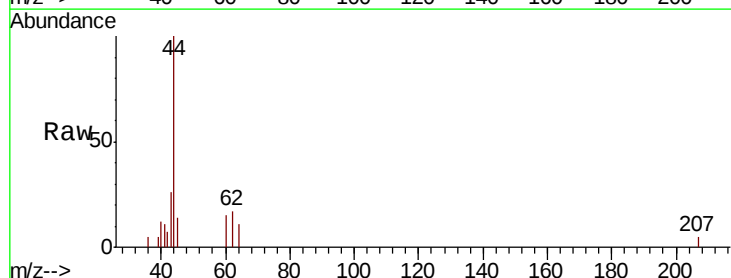
Acq: 19 Sep 2019 20:44

Tgt Ion: 62 Resp: 884

Ion Ratio Lower Upper

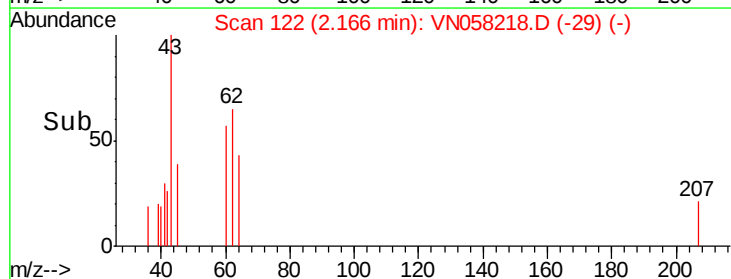
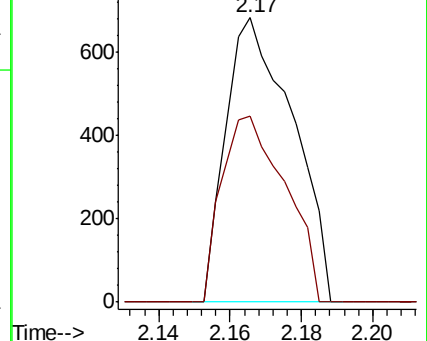
62 100

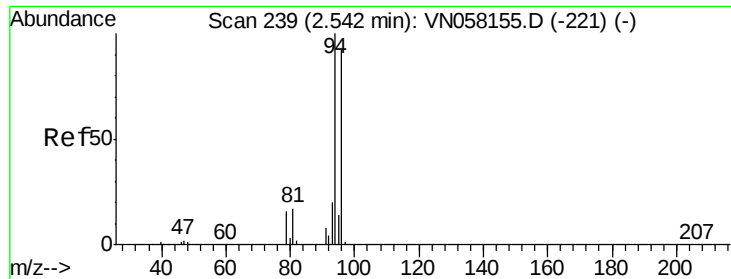
64 65.5 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 0.738 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

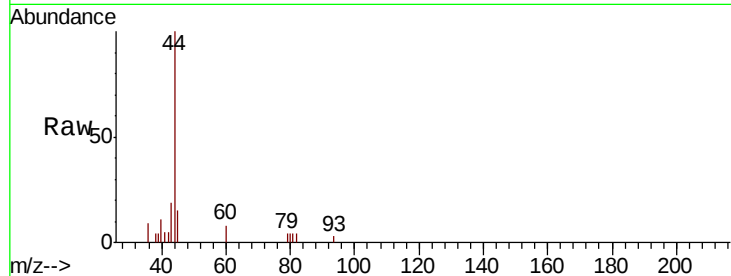
ClientSampleId :

Tot Ion: 94 Resp: 29

Ion Ratio Lower Upper

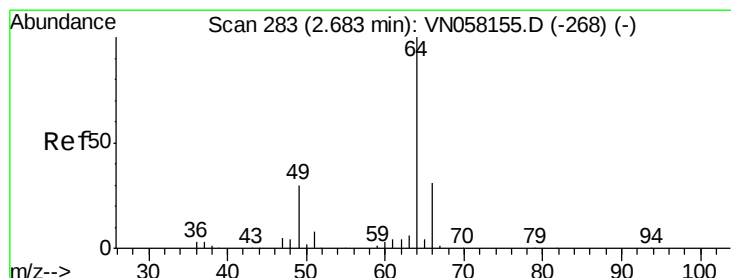
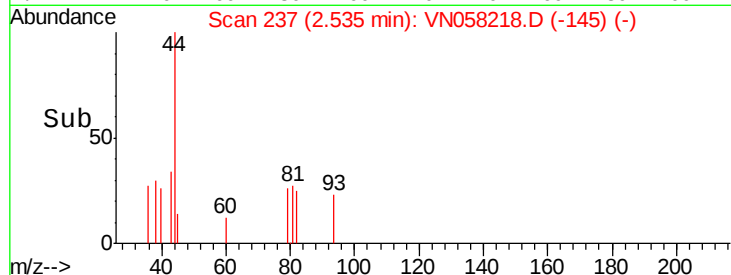
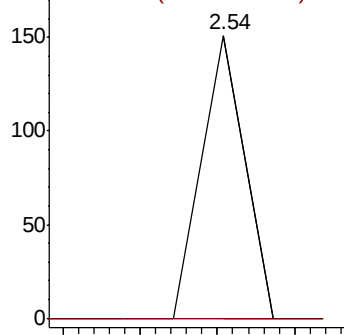
94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN058218.D

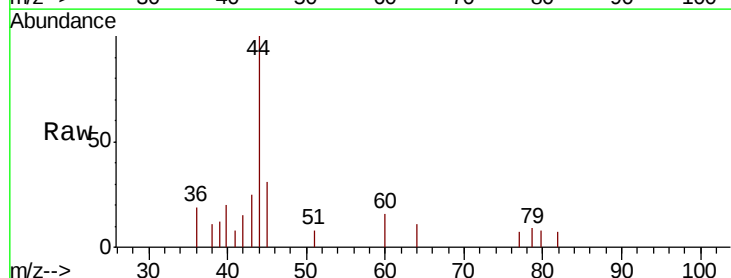
Acq: 19 Sep 2019 20:44

Tgt Ion: 64 Resp: 134

Ion Ratio Lower Upper

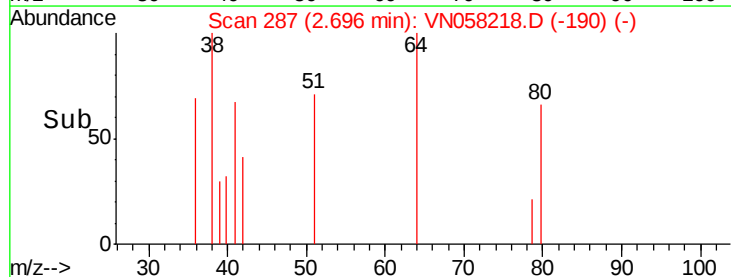
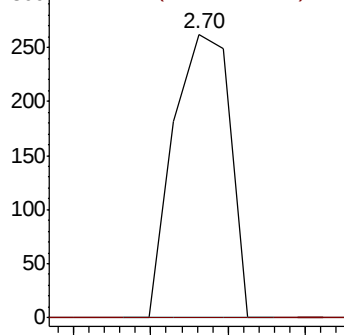
64 100

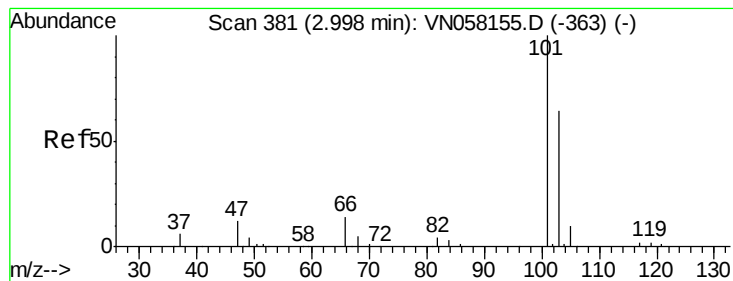
66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



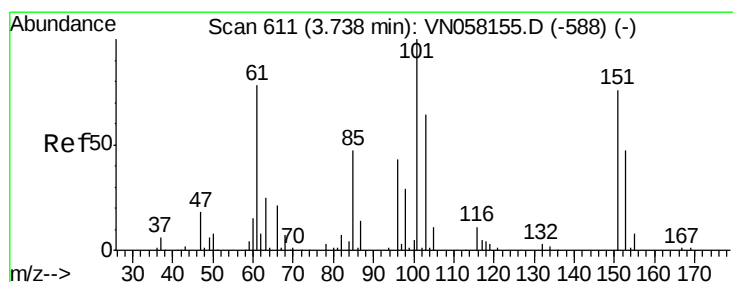
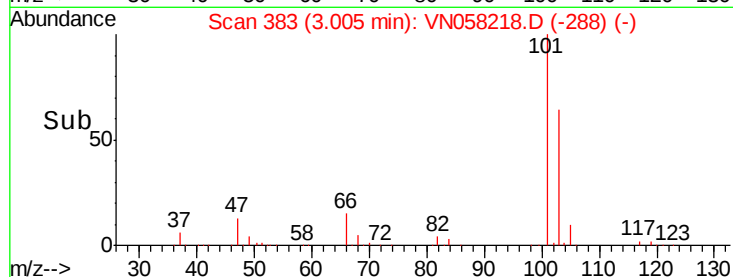
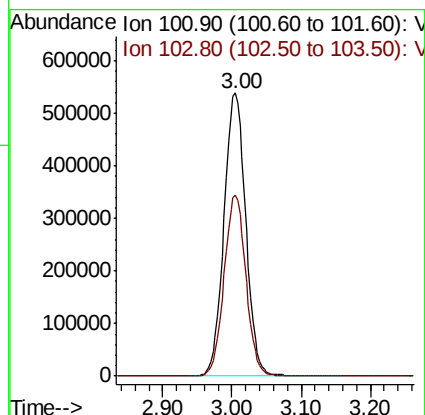
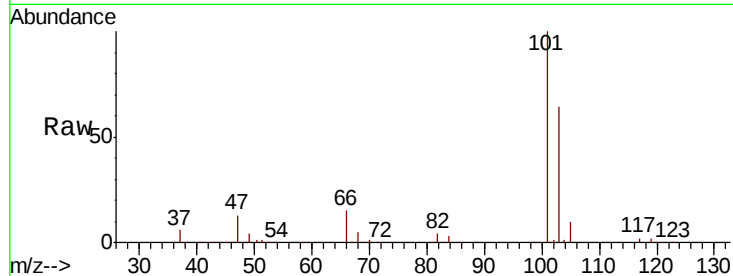


#7

Trichlorofluoromethane
Concen: 204.571 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.01 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Instrument :
MSVOA_N
ClientSampled :

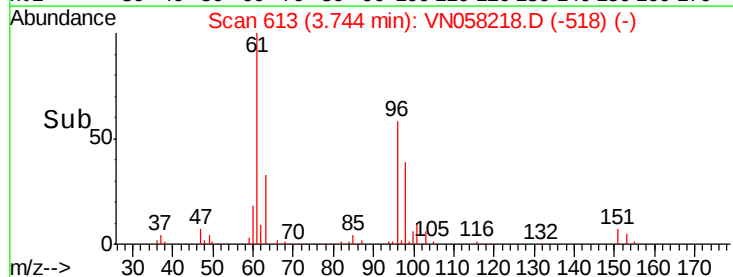
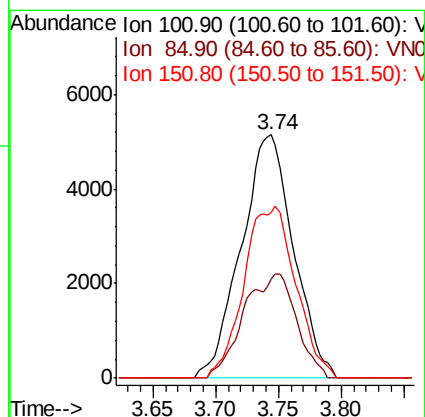
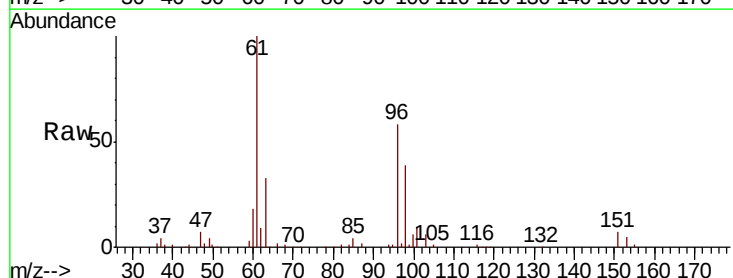
Tot Ion:101 Resp: 1180696
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.6

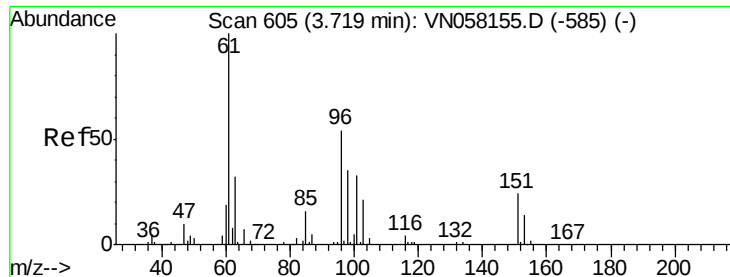


#9

1,1,2-Trichlorotrifluoroethane
Concen: 3.592 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion:101 Resp: 14948
Ion Ratio Lower Upper
101 100
85 43.1 37.3 55.9
151 69.7 59.6 89.4





#12

1,1-Dichloroethene

Concen: 68.076 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :
MSVOA_N
ClientSampled :

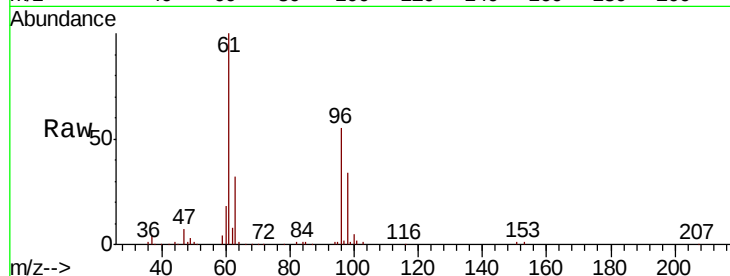
Tot Ion: 96 Resp: 214572

Ion Ratio Lower Upper

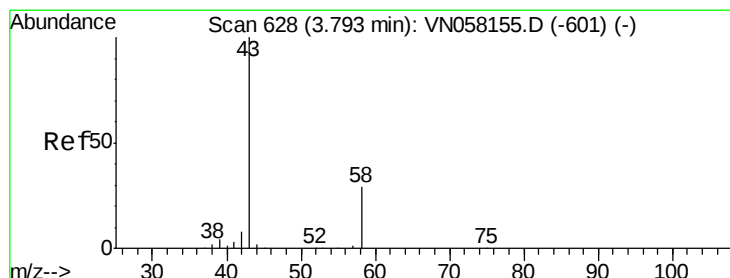
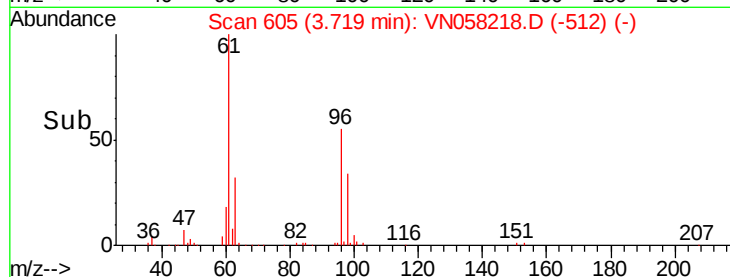
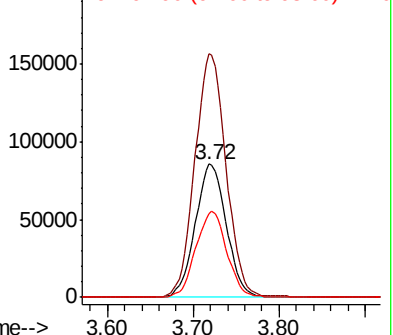
96 100

61 183.1 149.5 224.3

98 62.7 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 0.408 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058218.D

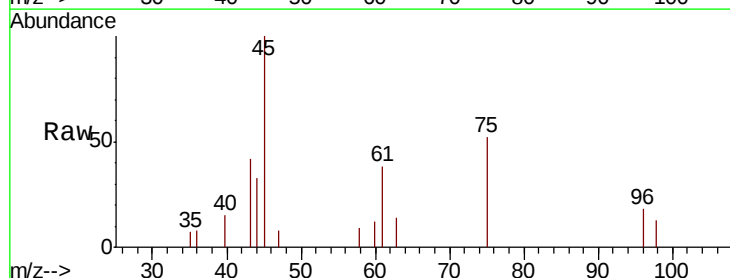
Acq: 19 Sep 2019 20:44

Tgt Ion: 43 Resp: 992

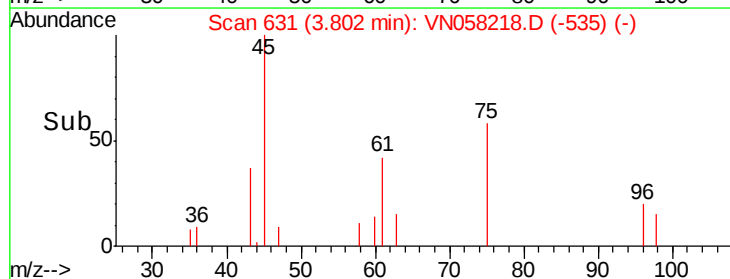
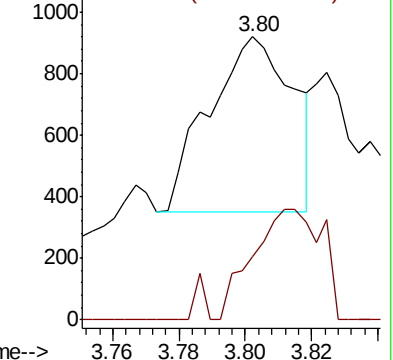
Ion Ratio Lower Upper

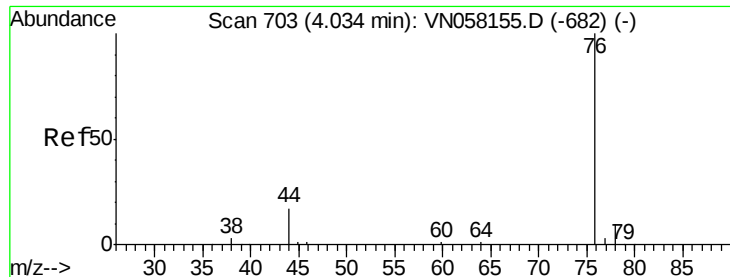
43 100

58 36.1 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

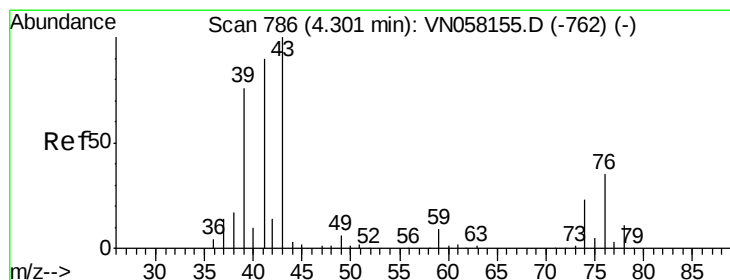
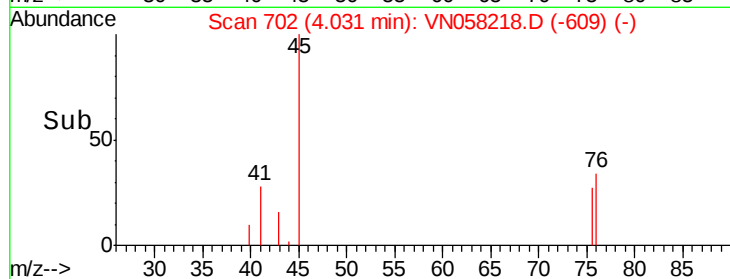
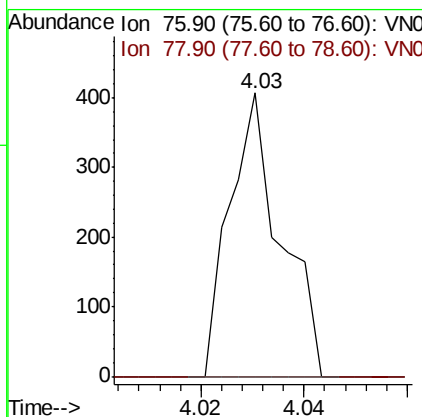
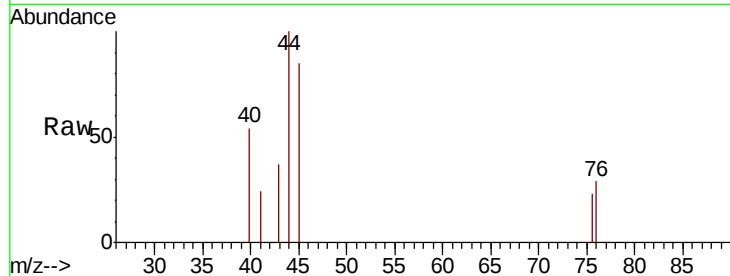




#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

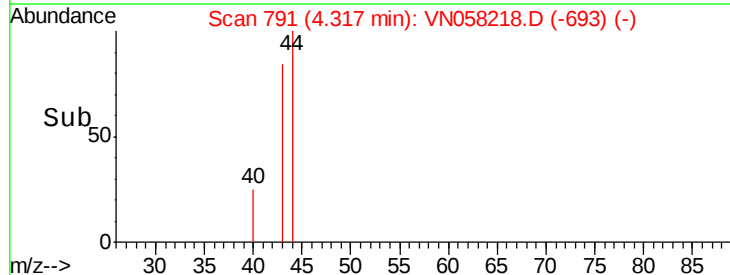
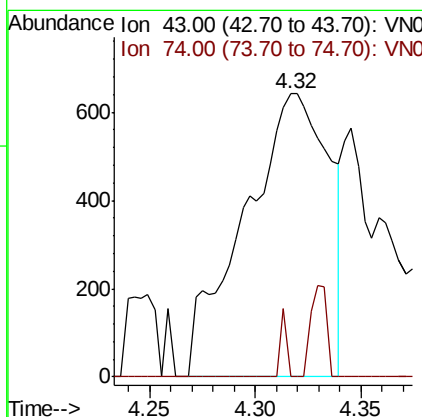
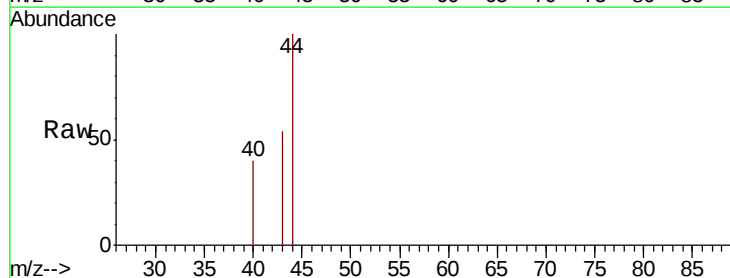
Instrument :
MSVOA_N
ClientSampleId :

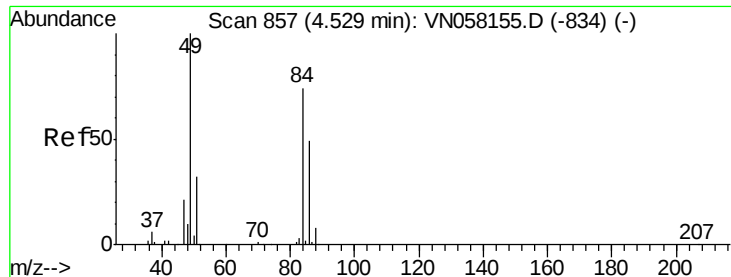
Tot Ion: 76 Resp: 279
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 0.280 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
74 1.7 18.0 27.0#



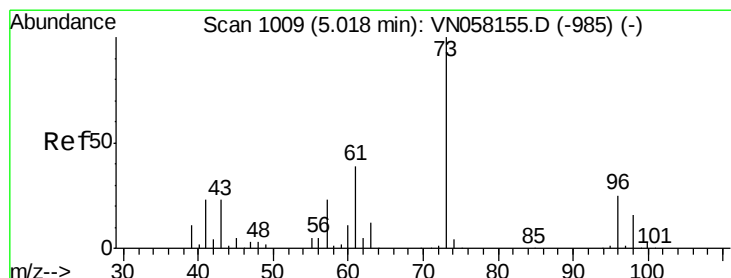
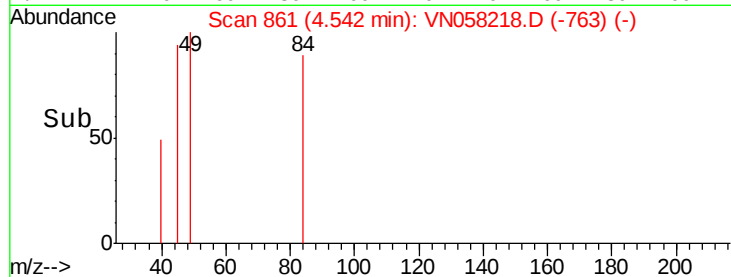
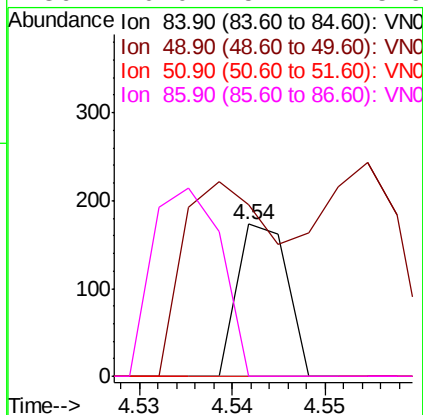
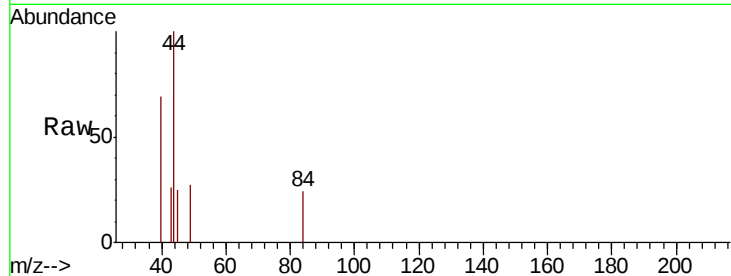


#20

Methvlene Chloride
 Concen: Below Cal
 RT: 4.54 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VN058218.D
 Acq: 19 Sep 2019 20:44

Instrument :
 MSVOA_N
 ClientSampled :

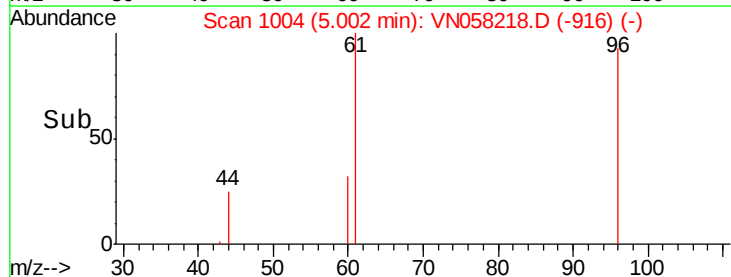
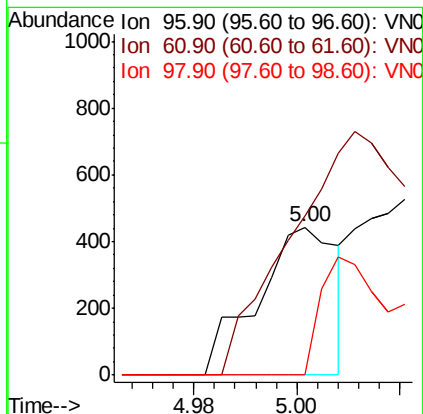
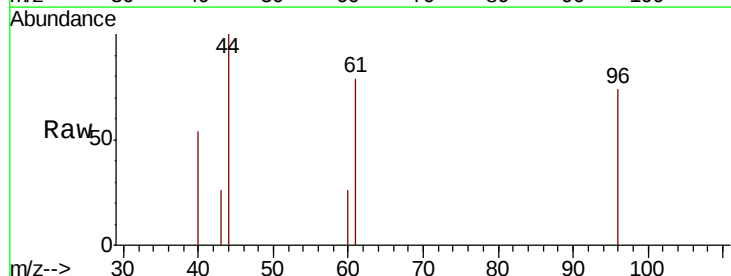
Tot Ion	Ratio	Lower	Upper
84	100		
49	1.7	107.5	161.3#
51	0.0	33.9	50.9#
86	0.0	52.4	78.6#

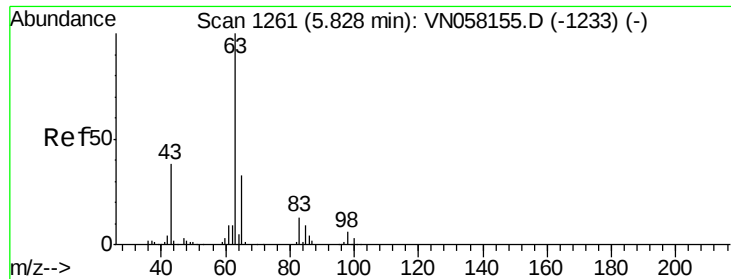


#21

trans-1,2-Dichloroethene
 Concen: Below Cal
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: VN058218.D
 Acq: 19 Sep 2019 20:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	107.7	122.2	183.4#
98	0.0	49.9	74.9#





#24

1,1-Dichloroethane

Concen: 4.222 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampleId :

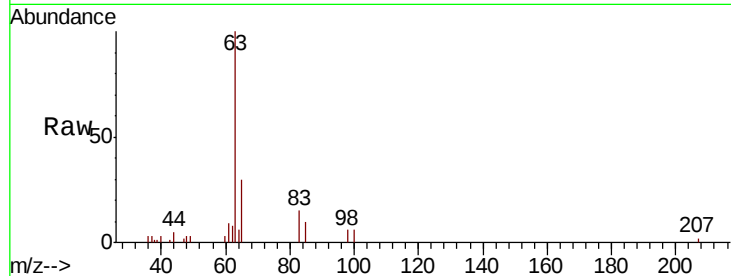
Tot Ion: 63 Resp: 38972

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.6

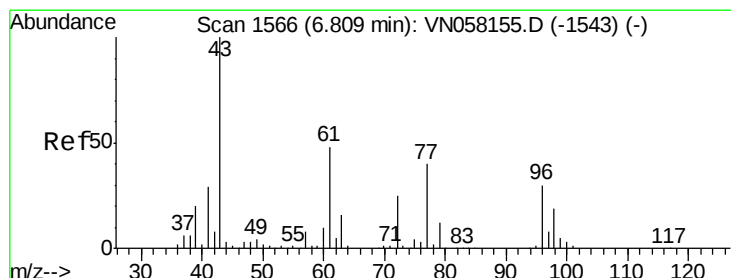
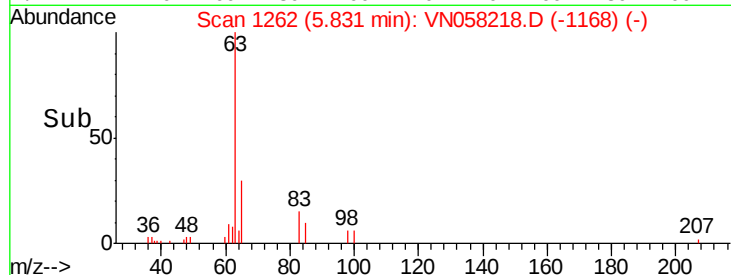
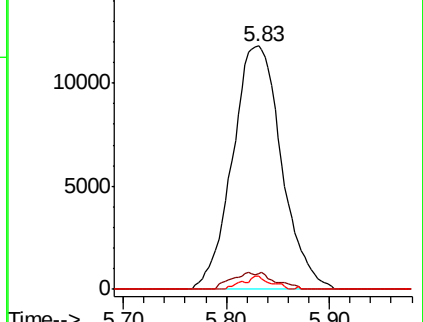
100 5.7 1.8 5.3#



Abundance Ion 62.90 (62.60 to 63.60): VN058218.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN058218.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN058218.D (-1233) (-)



#27

cis-1,2-Dichloroethene

Concen: 2.664 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

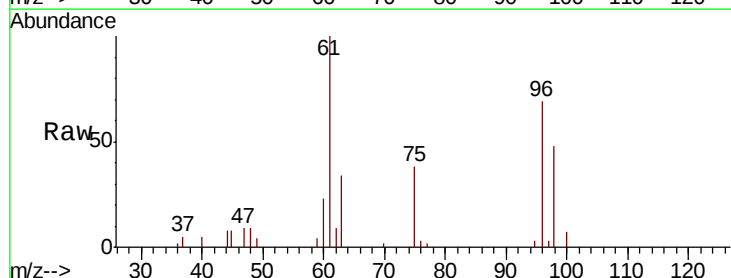
Tgt Ion: 96 Resp: 13906

Ion Ratio Lower Upper

96 100

61 142.9 0.0 319.0

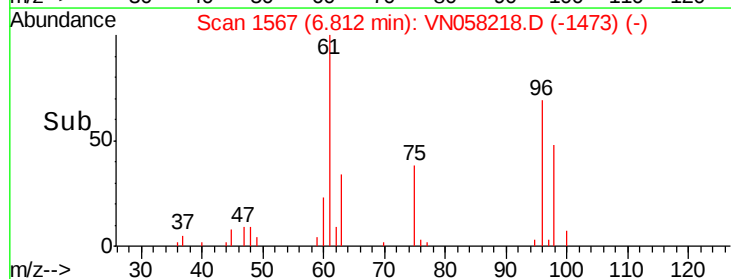
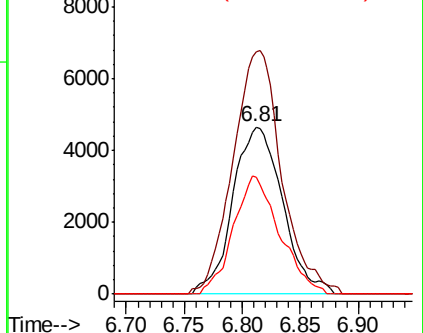
98 65.5 0.0 126.6

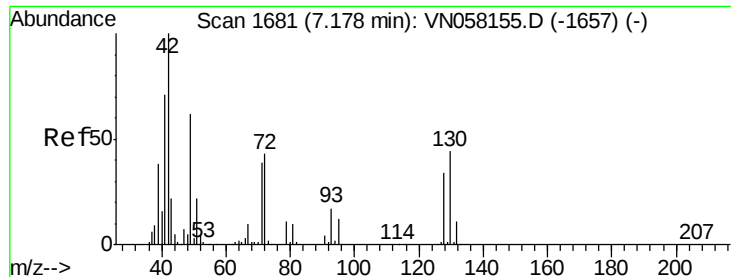


Abundance Ion 95.90 (95.60 to 96.60): VN058218.D (-1473) (-)

Ion 60.90 (60.60 to 61.60): VN058218.D (-1473) (-)

Ion 97.90 (97.60 to 98.60): VN058218.D (-1473) (-)

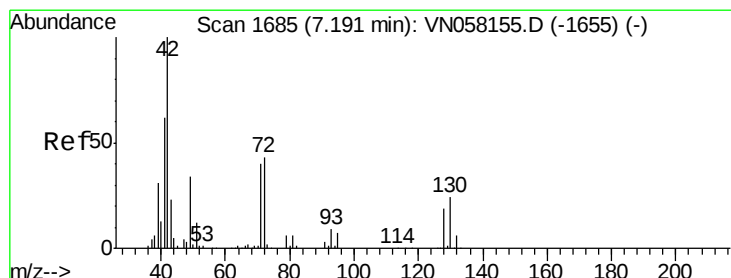
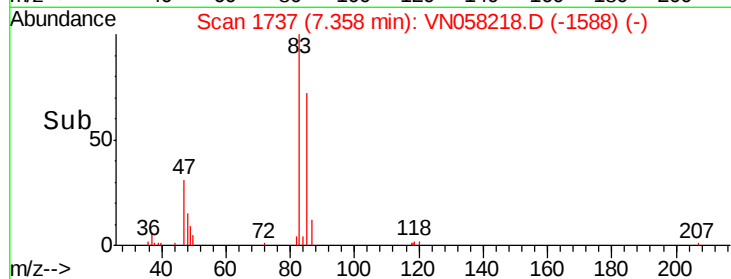
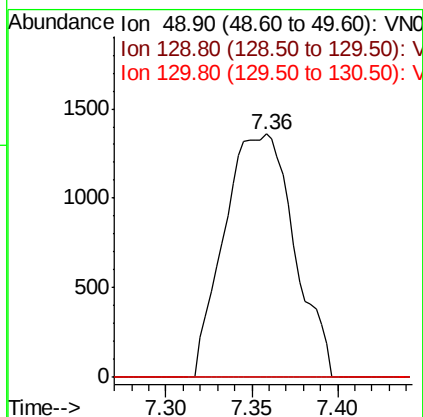
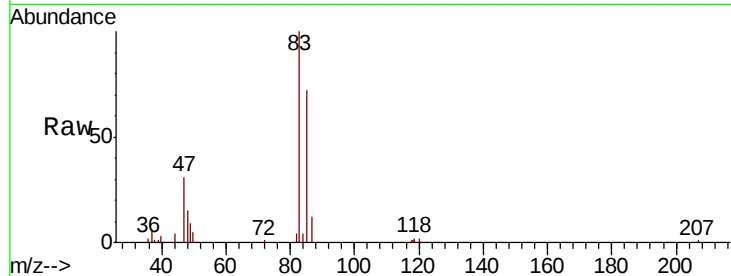




#28
Bromochloromethane
Concen: 0.880 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.18 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

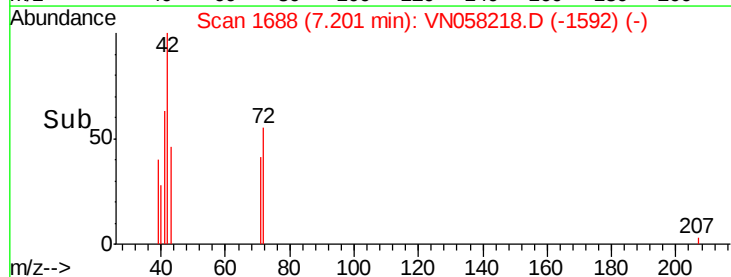
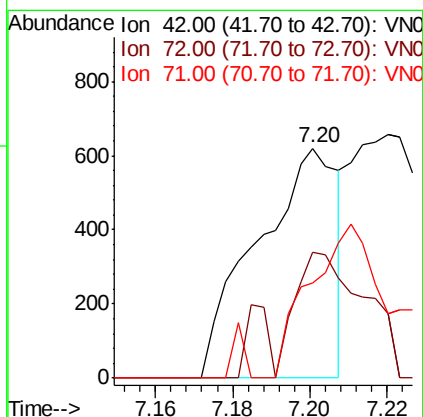
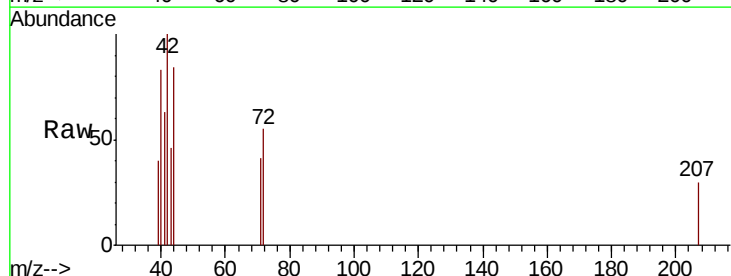
Instrument :
MSVOA_N
ClientSampled :

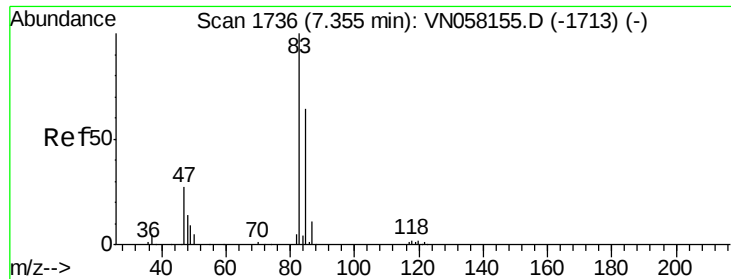
Tot Ion: 49 Resp: 3845
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.8
130 0.0 55.4 83.2#



#29
Tetrahydrofuran
Concen: 0.440 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion: 42 Resp: 898
Ion Ratio Lower Upper
42 100
72 47.3 33.8 50.6
71 65.7 31.4 47.0#

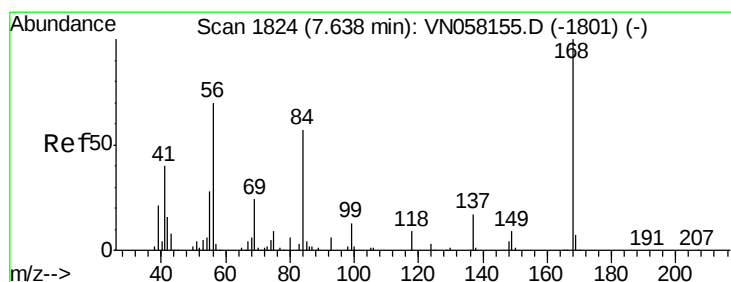
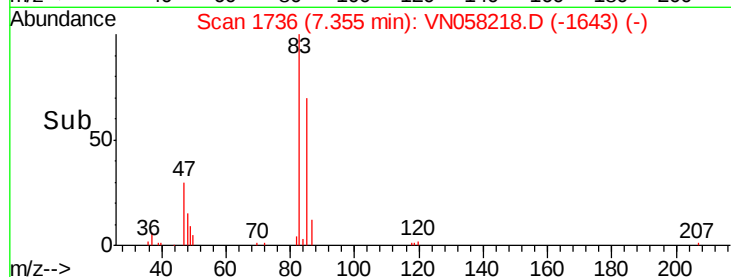
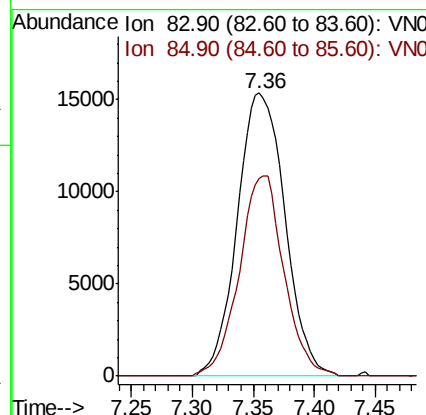
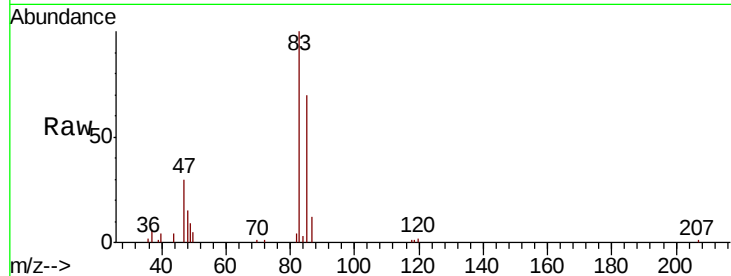




#30
Chloroform
Concen: 4.189 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

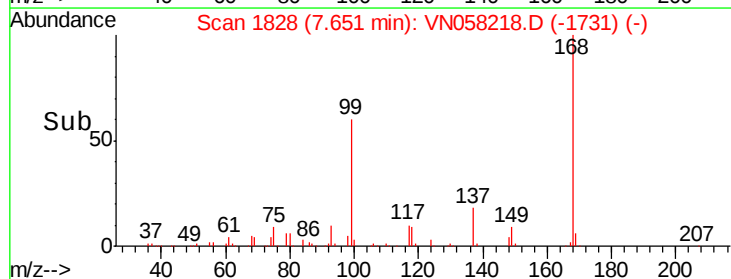
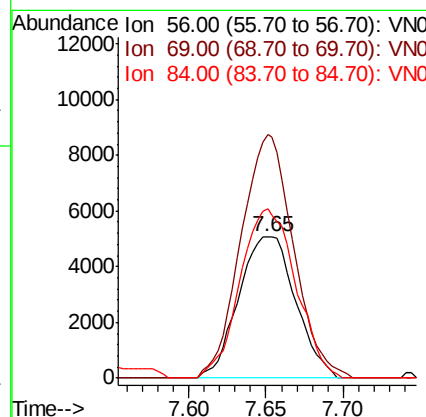
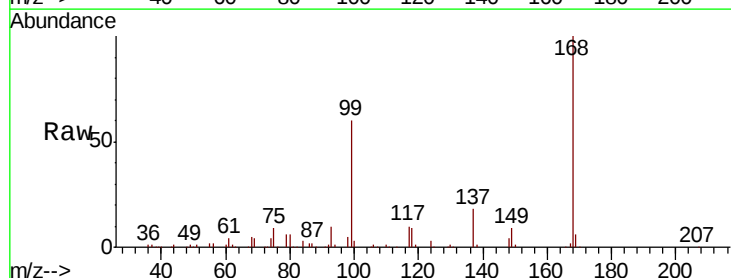
Instrument :
MSVOA_N
ClientSampleId :

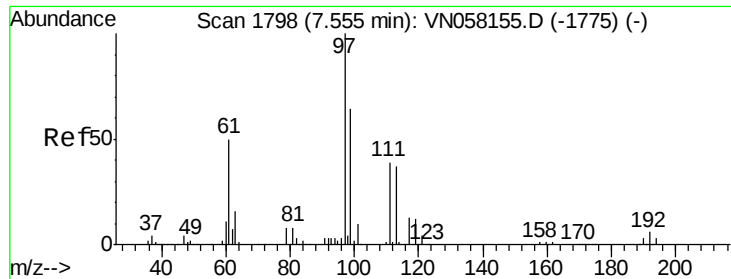
Tot Ion: 83 Resp: 41623
Ion Ratio Lower Upper
83 100
85 69.7 51.4 77.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion: 56 Resp: 12976
Ion Ratio Lower Upper
56 100
69 171.9 27.3 40.9#
84 120.0 65.0 97.4#





#32

1,1,1-Trichloroethane

Concen: 7.685 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampled :

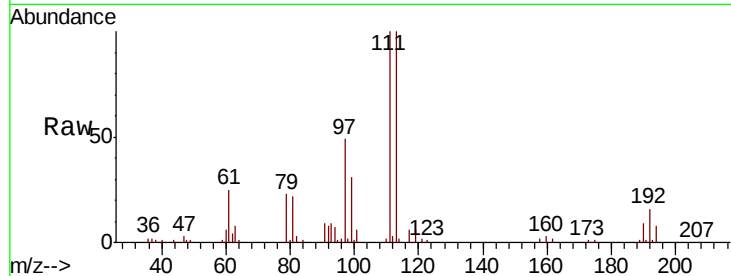
Tot Ion: 97 Resp: 58132

Ion Ratio Lower Upper

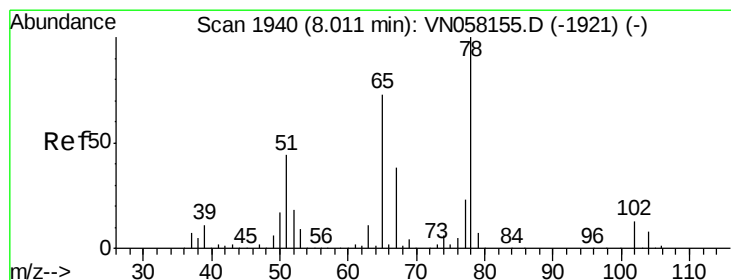
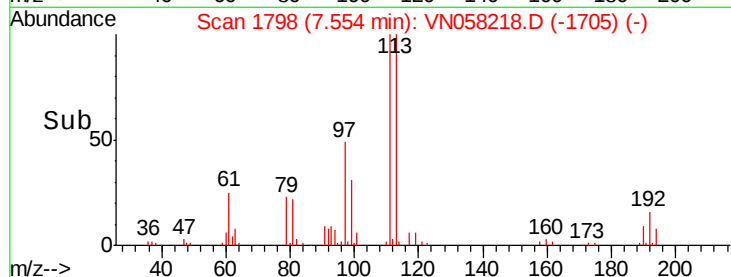
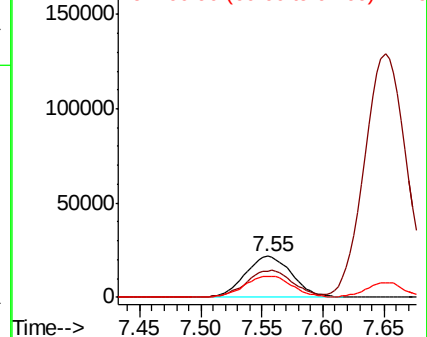
97 100

99 65.9 50.9 76.3

61 52.5 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.306 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058218.D

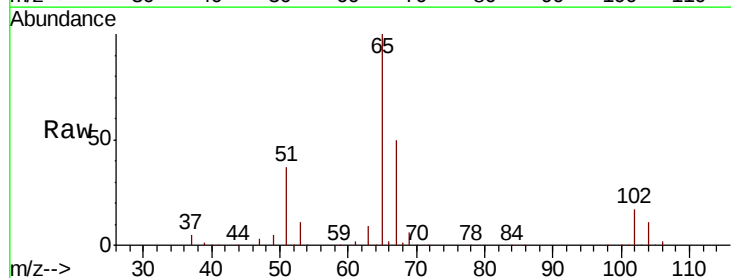
Acq: 19 Sep 2019 20:44

Tgt Ion: 65 Resp: 367827

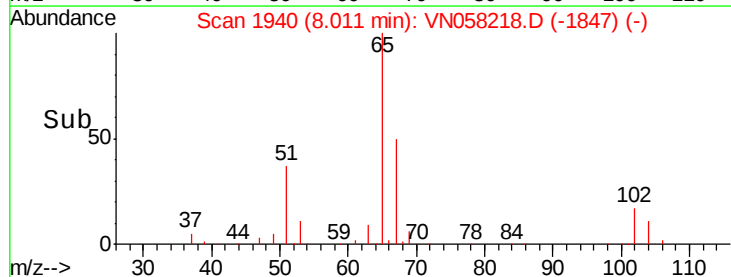
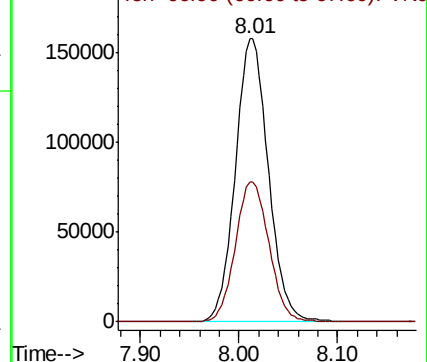
Ion Ratio Lower Upper

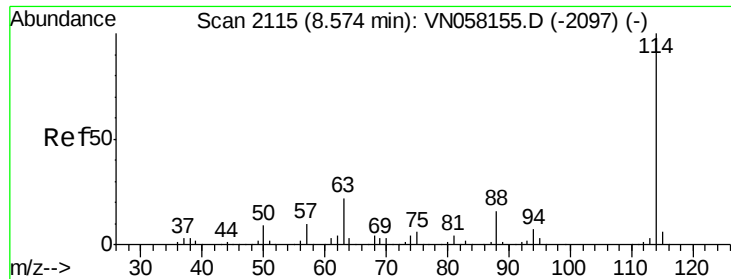
65 100

67 50.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

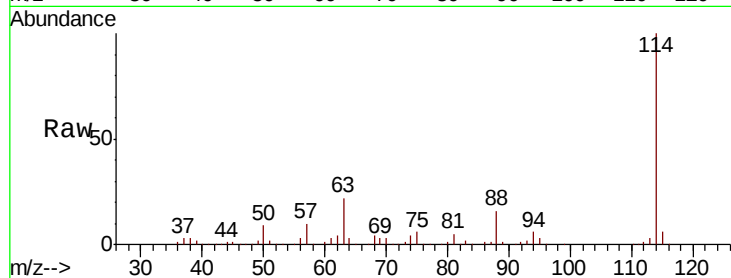




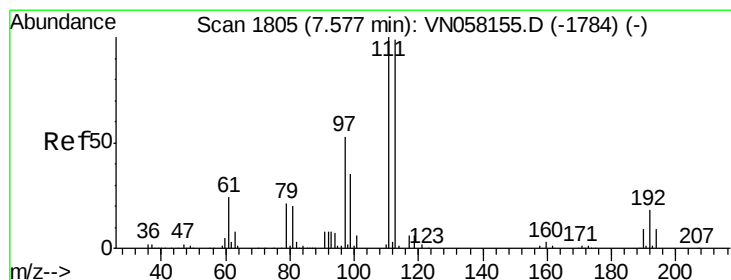
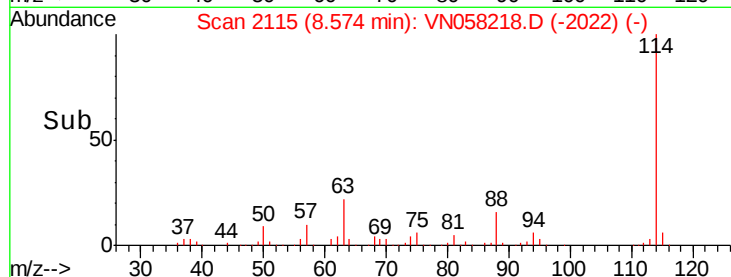
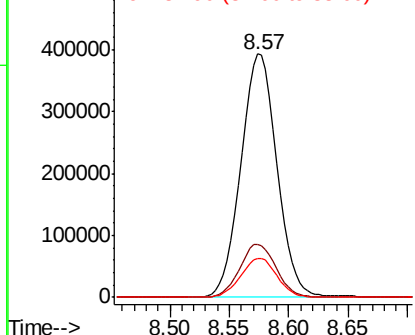
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 827068
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.2
88 16.1 0.0 31.6

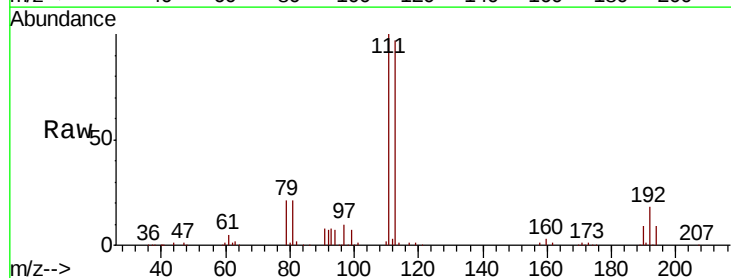


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

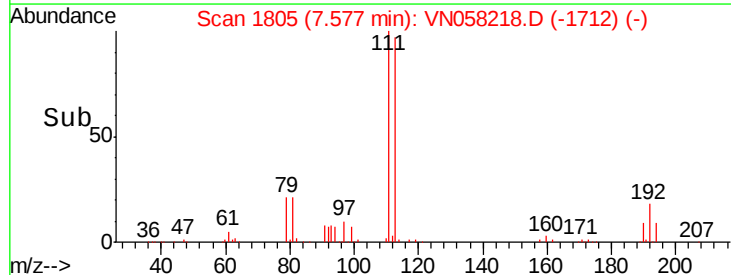
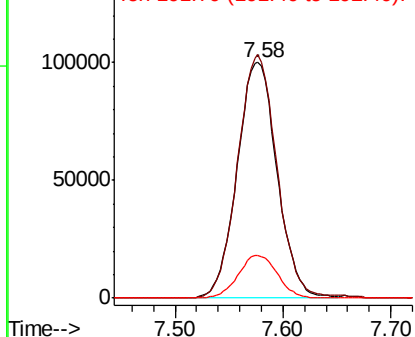


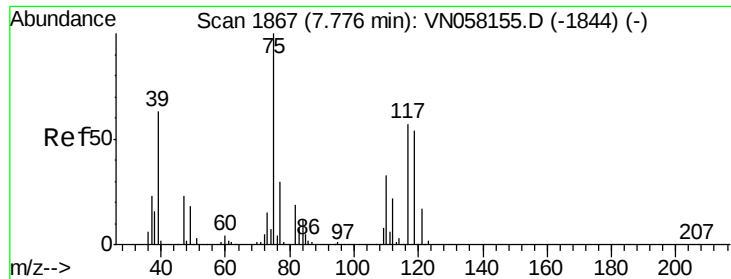
#35
Dibromofluoromethane
Concen: 51.324 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion:113 Resp: 258050
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 18.0 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

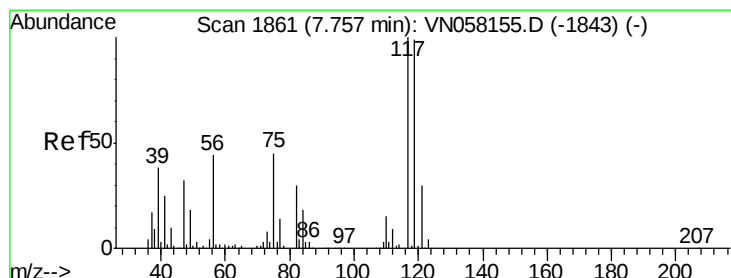
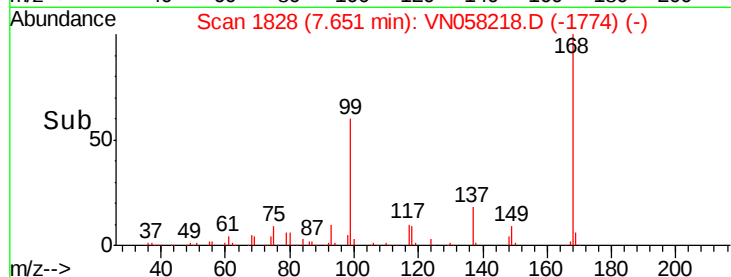
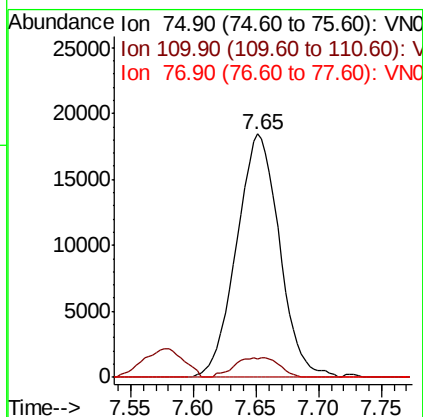
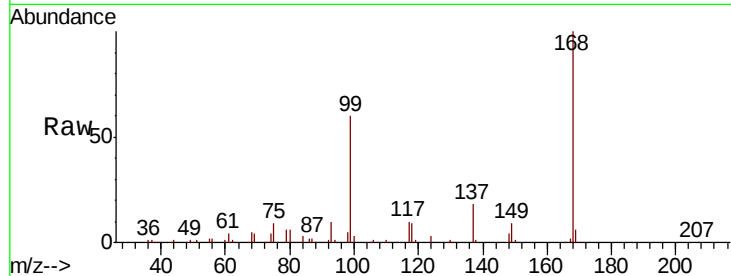




#36
 1,1-Dichloropropene
 Concen: 7.358 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058218.D
 Acq: 19 Sep 2019 20:44

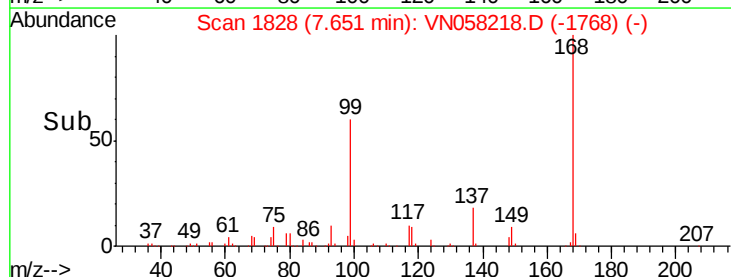
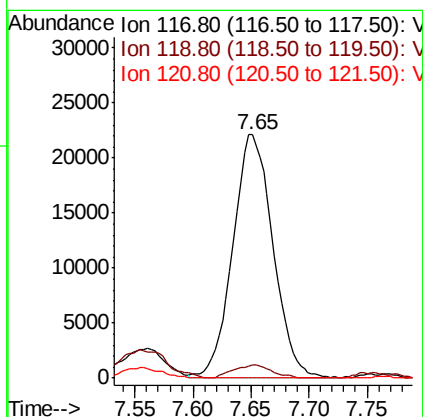
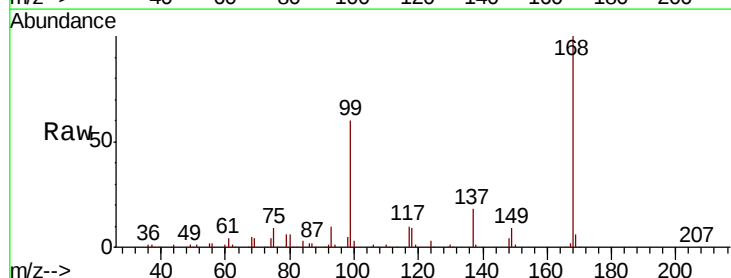
Instrument :
 MSVOA_N
 ClientSampleId :

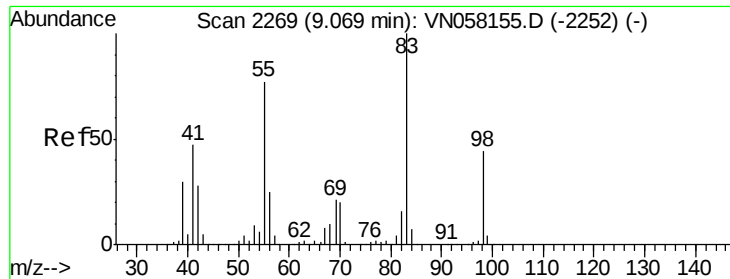
Tot Ion	Ratio	Lower	Upper
75	100		
110	4.5	16.6	49.7#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 8.903 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058218.D
 Acq: 19 Sep 2019 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.6	117.8#
121	0.0	24.1	36.1#

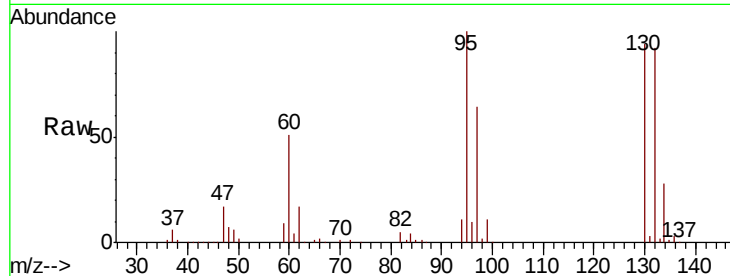




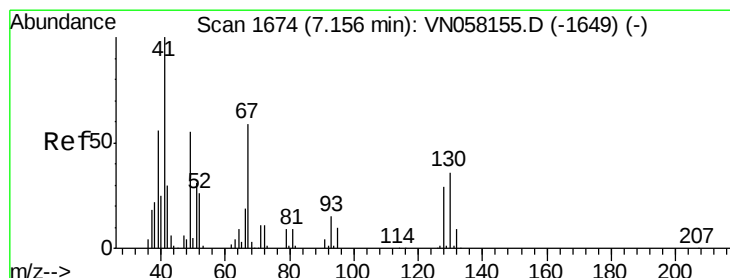
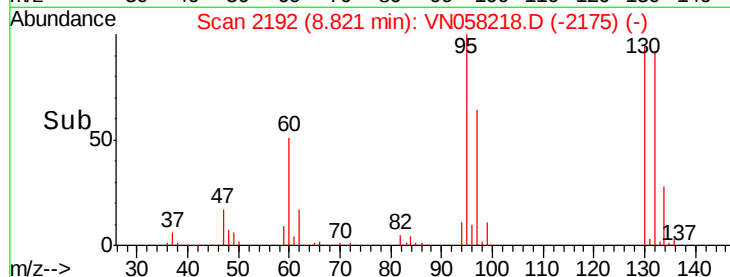
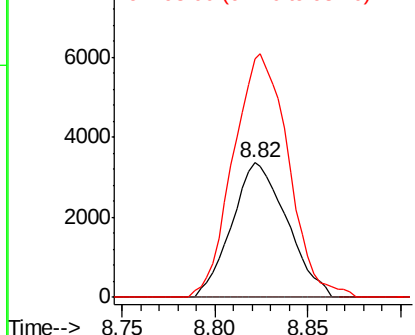
#39
Methvlcvclohexane
Concen: 1.277 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.25 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 6965
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 177.7 35.4 53.2#



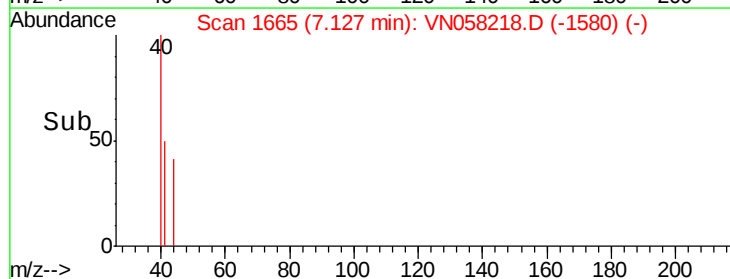
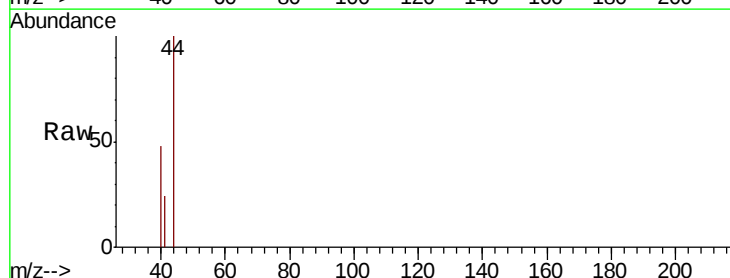
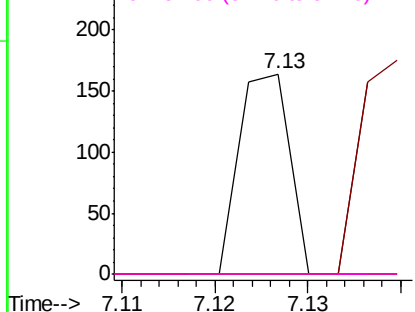
Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

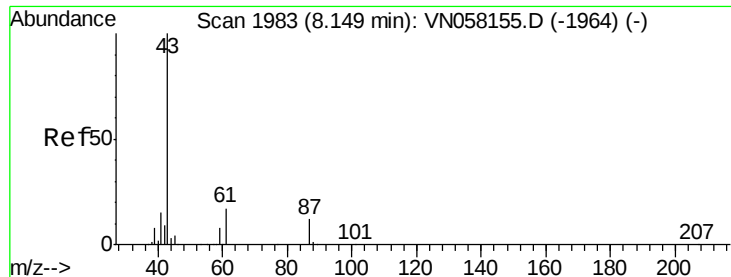


#41
Methacrylonitrile
Concen: 0.930 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.03 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 150.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 1.015 ug/l

RT: 8.22 min Scan# 2006

Delta R.T. 0.07 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampleId :

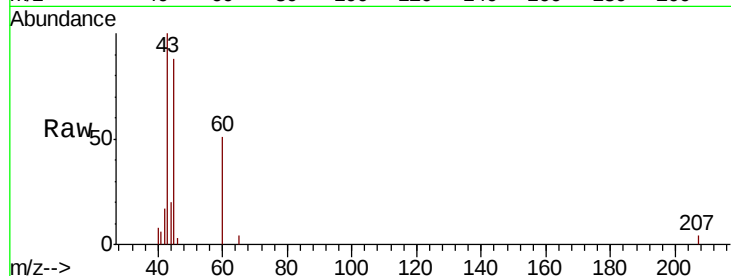
Tot Ion: 43 Resp: 11729

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

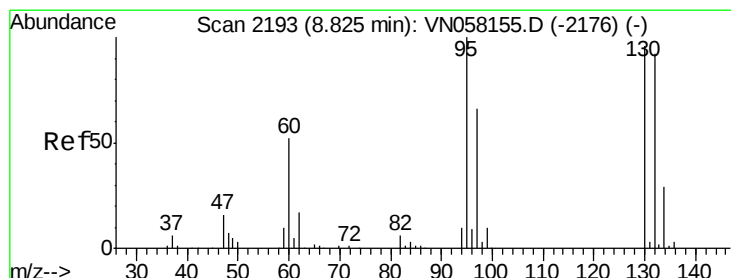
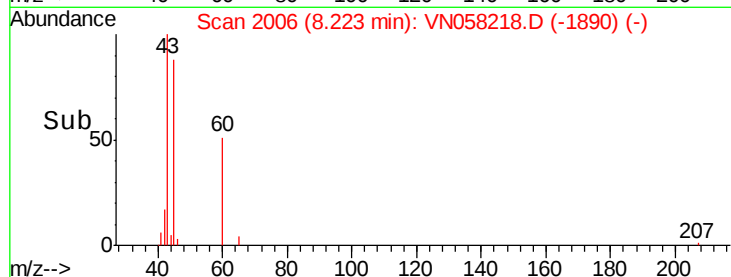
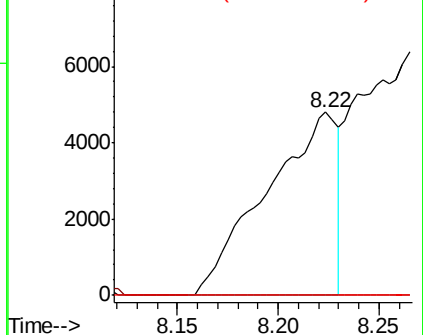
87 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058218.D (-2006) (-)

Ion 61.00 (60.70 to 61.70): VN058218.D (-2006) (-)

Ion 87.00 (86.70 to 87.70): VN058218.D (-2006) (-)



#44

Trichloroethene

Concen: 110.939 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058218.D

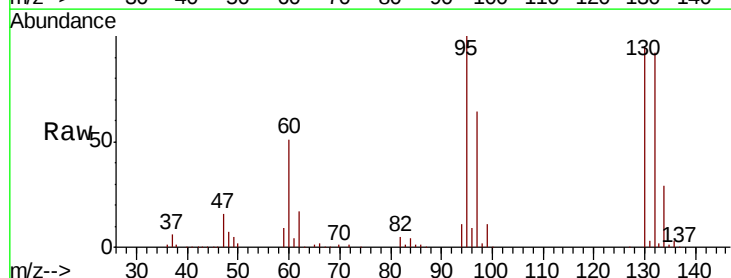
Acq: 19 Sep 2019 20:44

Tgt Ion: 130 Resp: 494565

Ion Ratio Lower Upper

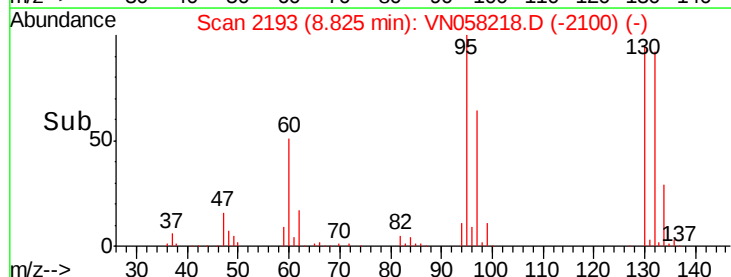
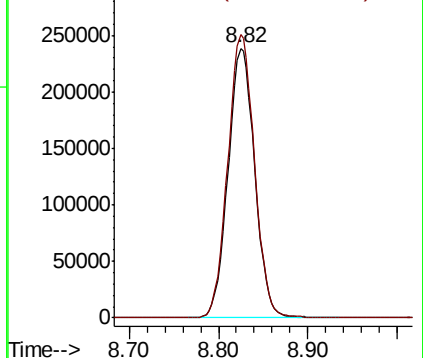
130 100

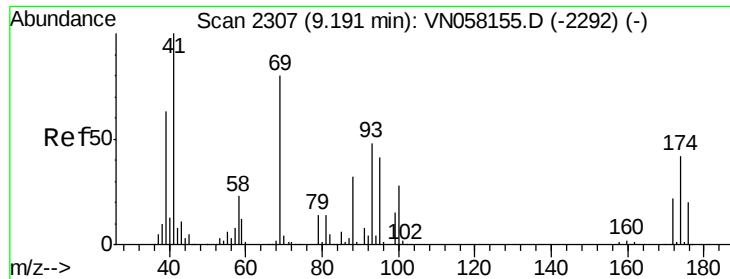
95 105.0 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058218.D (-2193) (-)

Ion 94.90 (94.60 to 95.60): VN058218.D (-2193) (-)

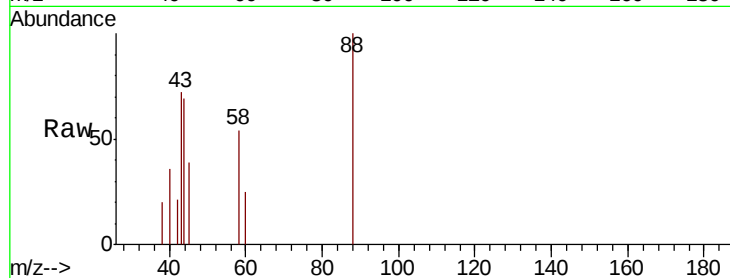




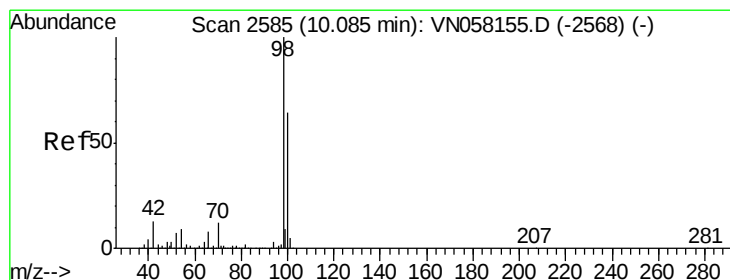
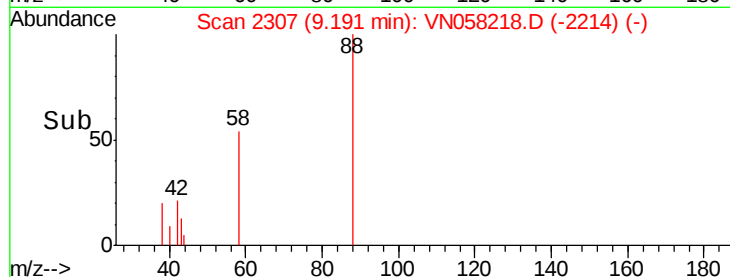
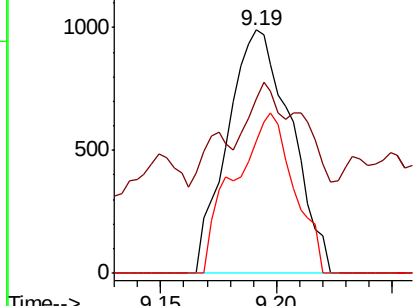
#49
1,4-Dioxane
Concen: 21.921 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 1889
Ion Ratio Lower Upper
88 100
43 12.2 27.8 41.8#
58 61.9 55.0 82.4

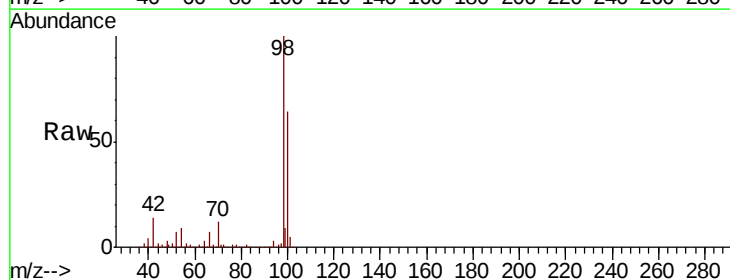


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

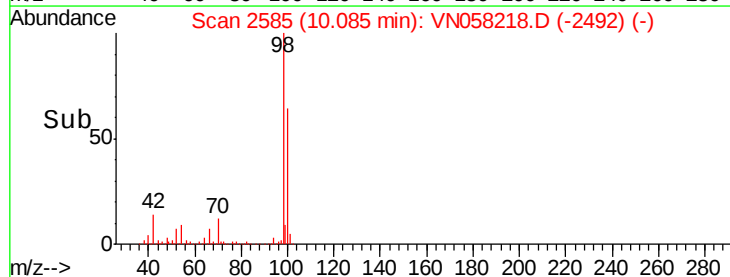
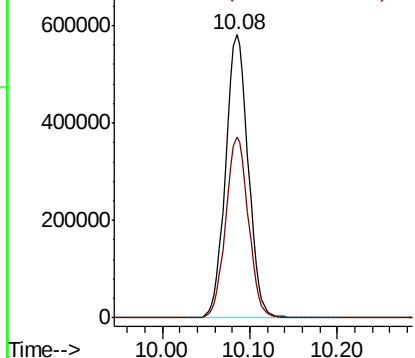


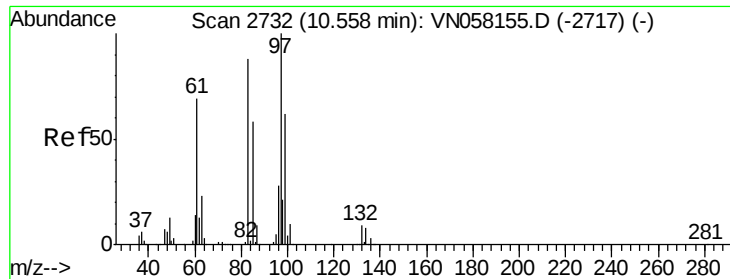
#50
Toluene-d8
Concen: 53.221 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058218.D
Acq: 19 Sep 2019 20:44

Tgt Ion: 98 Resp: 1042580
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#55

1,1,2-Trichloroethane

Concen: 0.387 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN058218.D

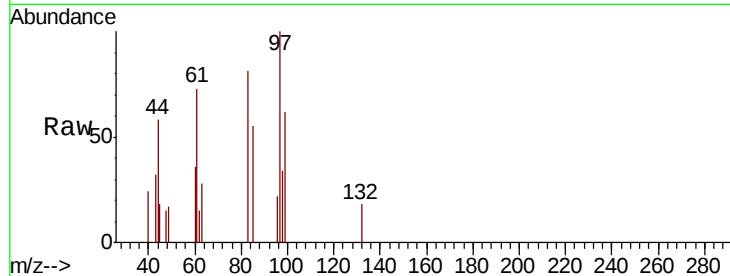
Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	97	Resp:	1960
Ion	Ratio	Lower	Upper
97	100		
83	81.4	70.4	105.6
85	55.5	46.8	70.2
99	61.8	49.9	74.9



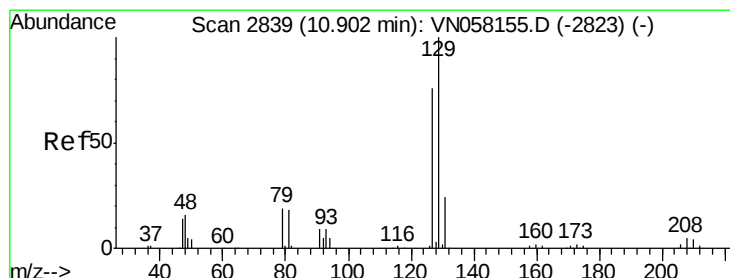
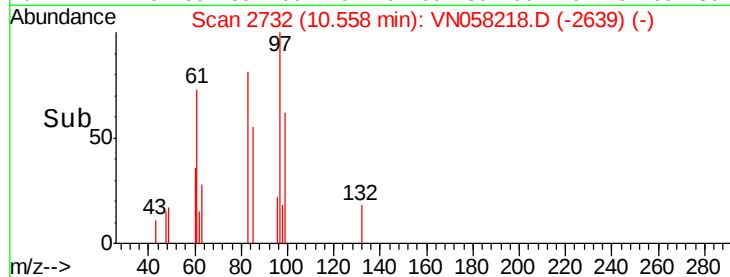
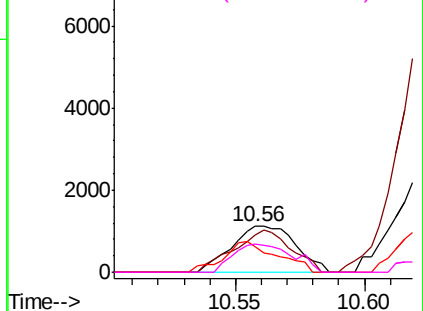
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#60

Dibromochloromethane

Concen: 95.260 ug/l

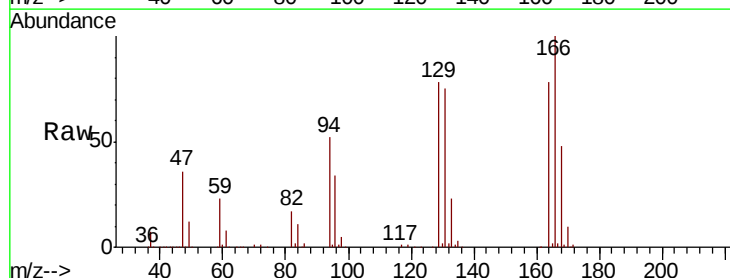
RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

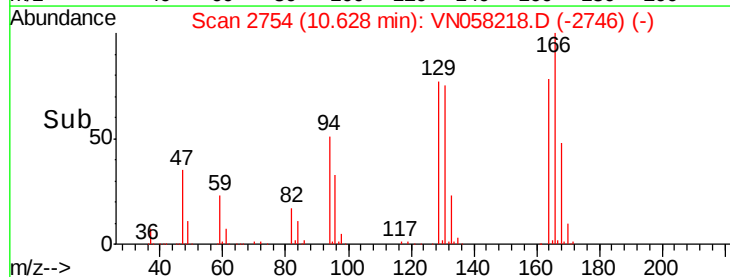
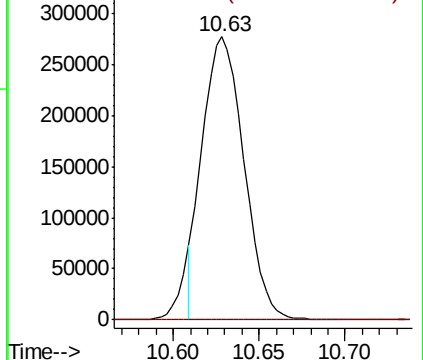
Tgt Ion:	129	Resp:	464328
Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.7	116.1#

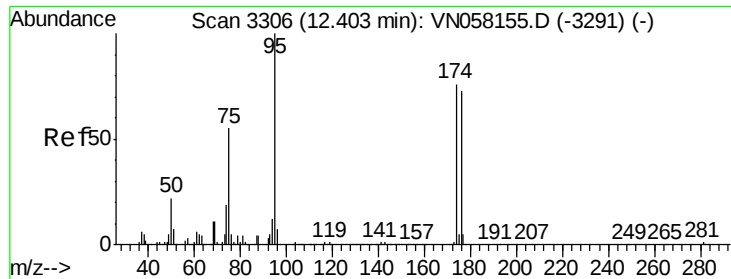


Abundance

Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 44.976 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampled :

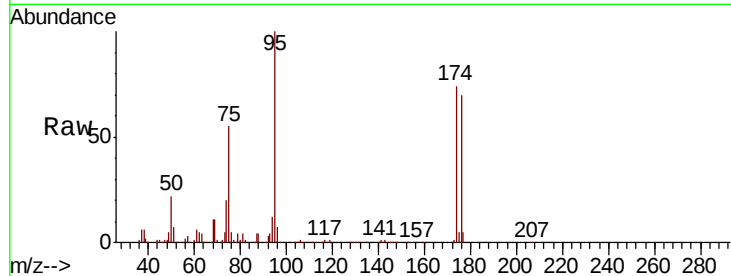
Tot Ion: 95 Resp: 327282

Ion Ratio Lower Upper

95 100

174 75.3 0.0 152.2

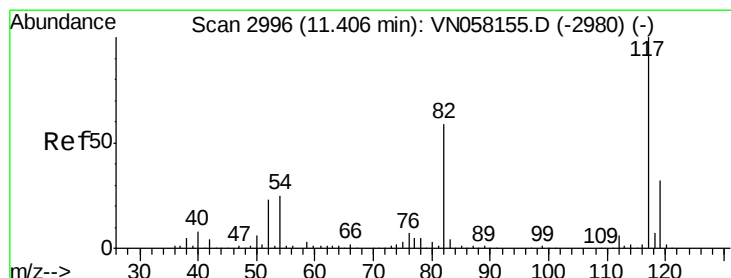
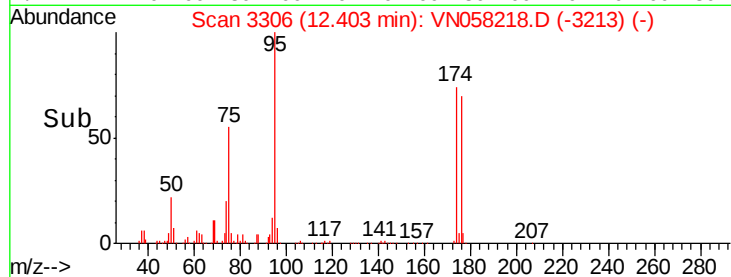
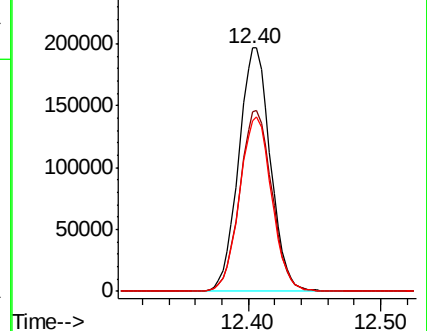
176 72.6 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058218.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058218.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058218.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

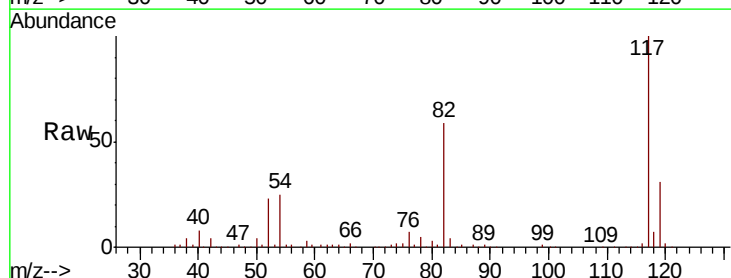
Tgt Ion: 117 Resp: 708209

Ion Ratio Lower Upper

117 100

82 58.6 46.9 70.3

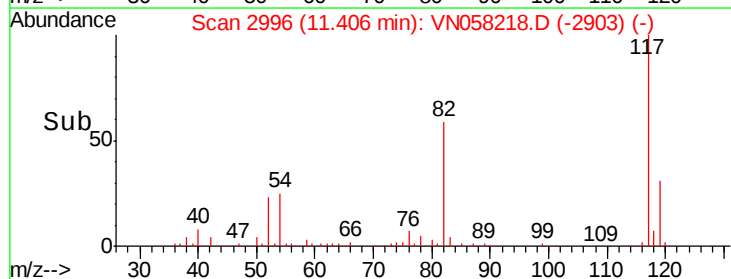
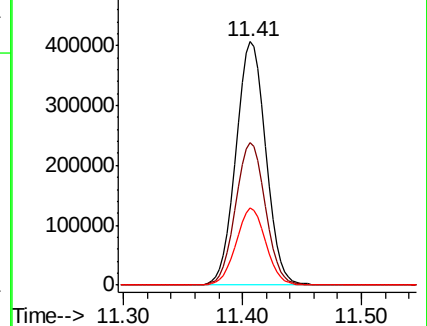
119 31.5 25.3 37.9

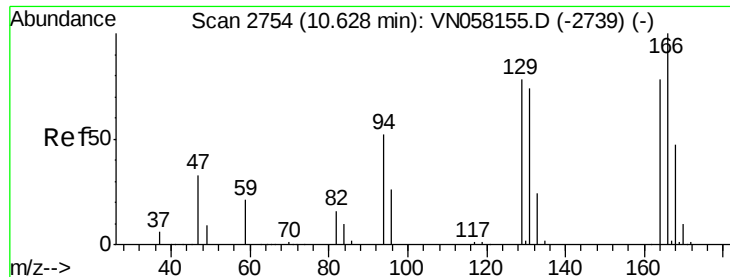


Abundance Ion 116.90 (116.60 to 117.60): VN058218.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058218.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058218.D (-2980) (-)





#64

Tetrachloroethene

Concen: 145.795 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 503333

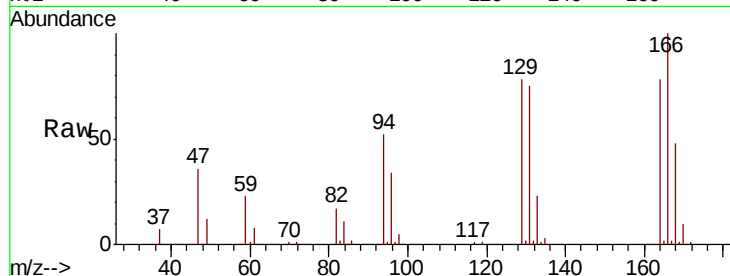
Ion Ratio Lower Upper

164 100

166 127.9 102.2 153.4

129 99.2 79.6 119.4

131 96.4 76.0 114.0

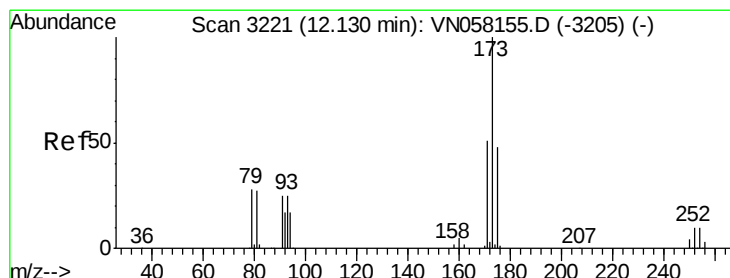
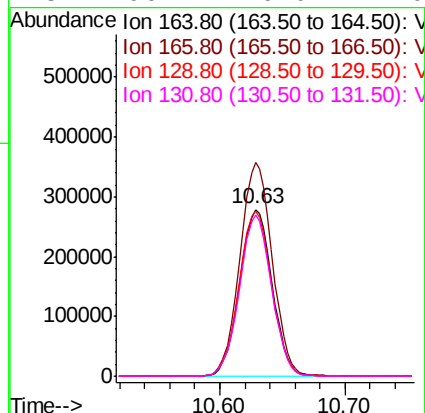
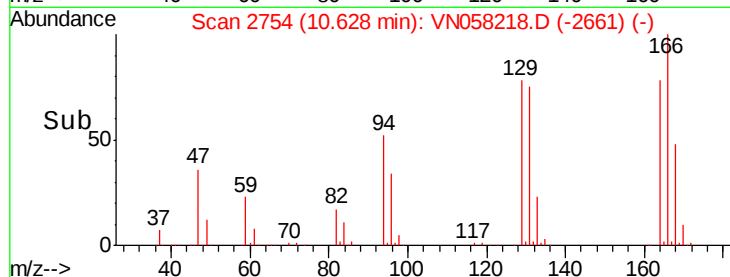


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 4.258 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

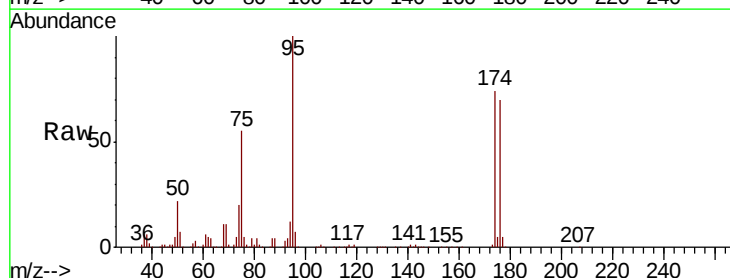
Tgt Ion:173 Resp: 2391

Ion Ratio Lower Upper

173 100

175 638.4 24.2 72.6#

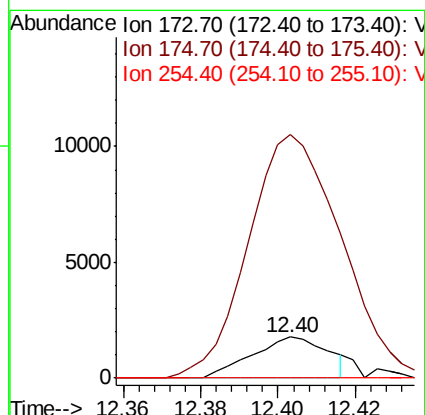
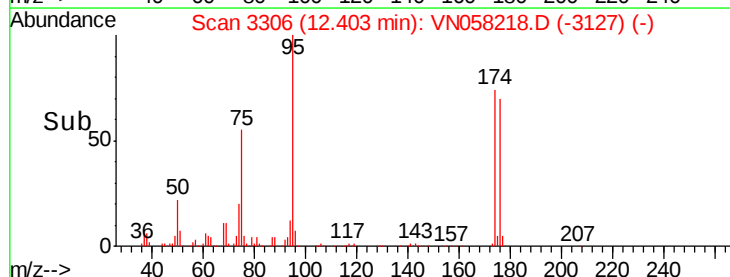
254 0.0 0.1 0.1#

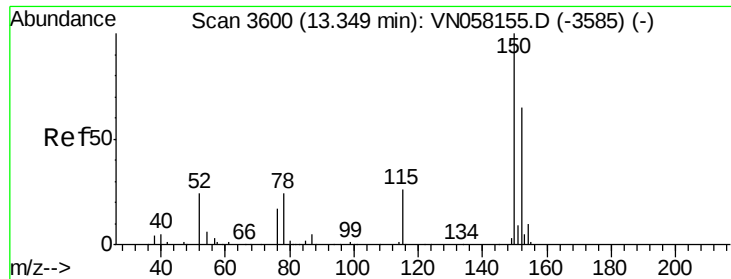


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampleId :

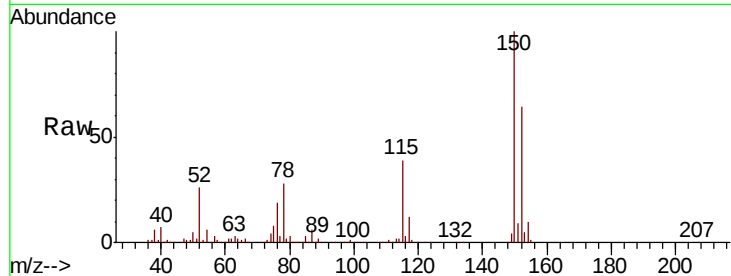
Tot Ion:152 Resp: 276459

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

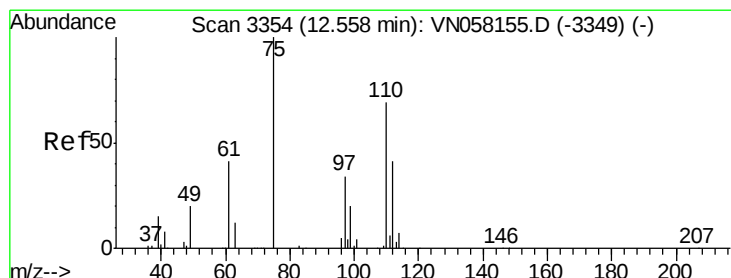
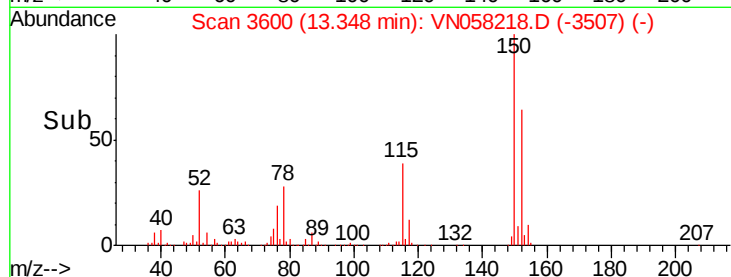
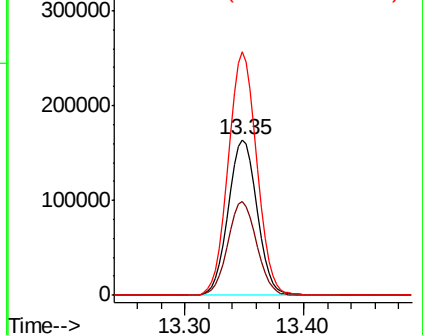
150 154.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 36.421 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058218.D

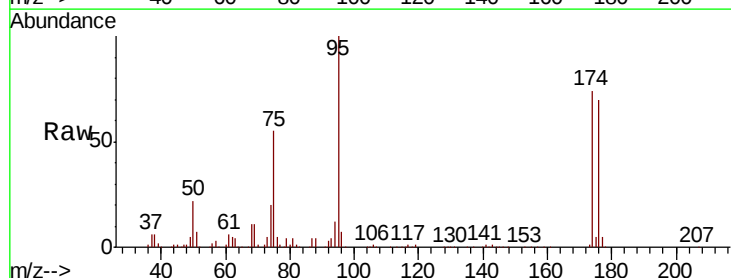
Acq: 19 Sep 2019 20:44

Tgt Ion: 75 Resp: 180204

Ion Ratio Lower Upper

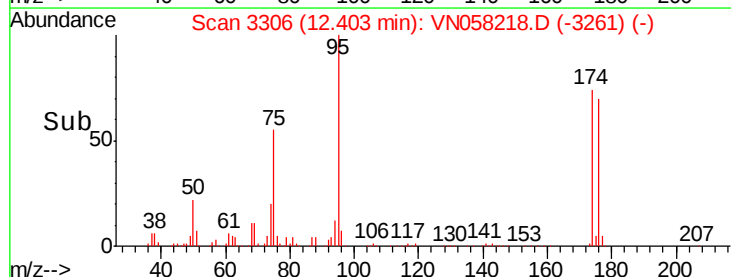
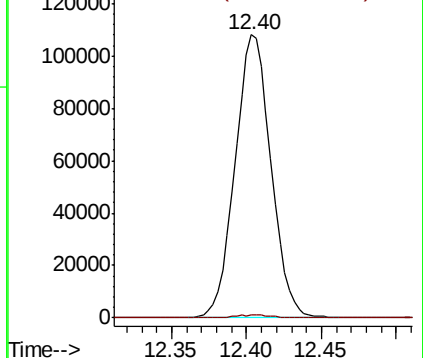
75 100

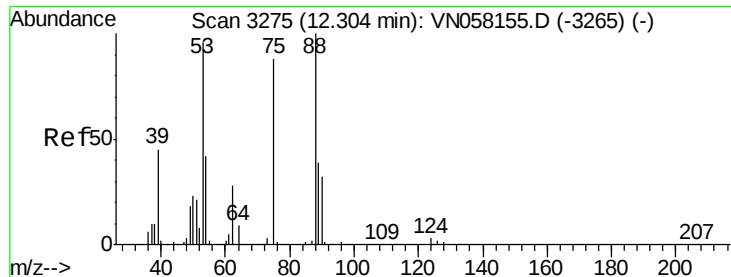
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 101.649 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058218.D

Acq: 19 Sep 2019 20:44

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 180204

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.2 54.2#

