

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058581.D
 Acq On : 7 Oct 2019 20:50
 Operator : JC/SP
 Sample : K5230-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 14:08:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	492638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	788156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295902	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	346940	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	7.57	113	246094	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
50) Toluene-d8	10.08	98	993194	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.41	95	341269	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1729	0.291	ug/l	91
8) Diethyl Ether	3.40	74	1371	0.453	ug/l	67
11) Tert butyl alcohol	4.73	59	359	0.449	ug/l #	71
13) Acrolein	3.59	56	97	0.381	ug/l #	51
16) Acetone	3.80	43	19521	7.954	ug/l	99
17) Carbon Disulfide	4.03	76	2730	0.223	ug/l #	74
18) Methyl Acetate	4.31	43	4069	0.659	ug/l	95
20) Methylene Chloride	4.53	84	123084	21.733	ug/l	98
25) 2-Butanone	6.81	43	2198	0.652	ug/l	93
30) Chloroform	7.36	83	3929	0.379	ug/l	96
31) Cyclohexane	7.65	56	11081	1.112	ug/l #	2
36) 1,1-Dichloropropene	7.65	75	39969	5.304	ug/l #	51
38) Carbon Tetrachloride	7.65	117	50652	7.446	ug/l #	16
43) Isopropyl Acetate	8.15	43	93599	7.790	ug/l	100
45) 1,2-Dichloropropane	9.26	63	1564	0.269	ug/l #	43
47) Bromodichloromethane	9.39	83	1794	0.257	ug/l #	96
48) Methyl methacrylate	9.17	41	5216	0.953	ug/l #	13
49) 1,4-Dioxane	9.19	88	32	0.437	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	6208	1.006	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	38876	4.616	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	6448	0.728	ug/l #	45
59) 2-Hexanone	10.76	43	96969	21.577	ug/l #	54
60) Dibromochloromethane	10.90	129	310	Below Cal	#	11
64) Tetrachloroethene	10.63	164	948	0.212	ug/l	90
71) Bromoform	12.41	173	2394	1.419	ug/l #	1
74) N-amyl acetate	12.03	43	4792	0.551	ug/l #	45
76) 1,2,3-Trichloropropane	12.41	75	181518	33.585	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5934	0.324	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.41	75	181518	102.003	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	12508	0.682	ug/l	97
90) Hexachloroethane	13.89	117	875	0.325	ug/l #	11
95) Naphthalene	15.14	128	33043	2.258	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	63	Below Cal	#	1

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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

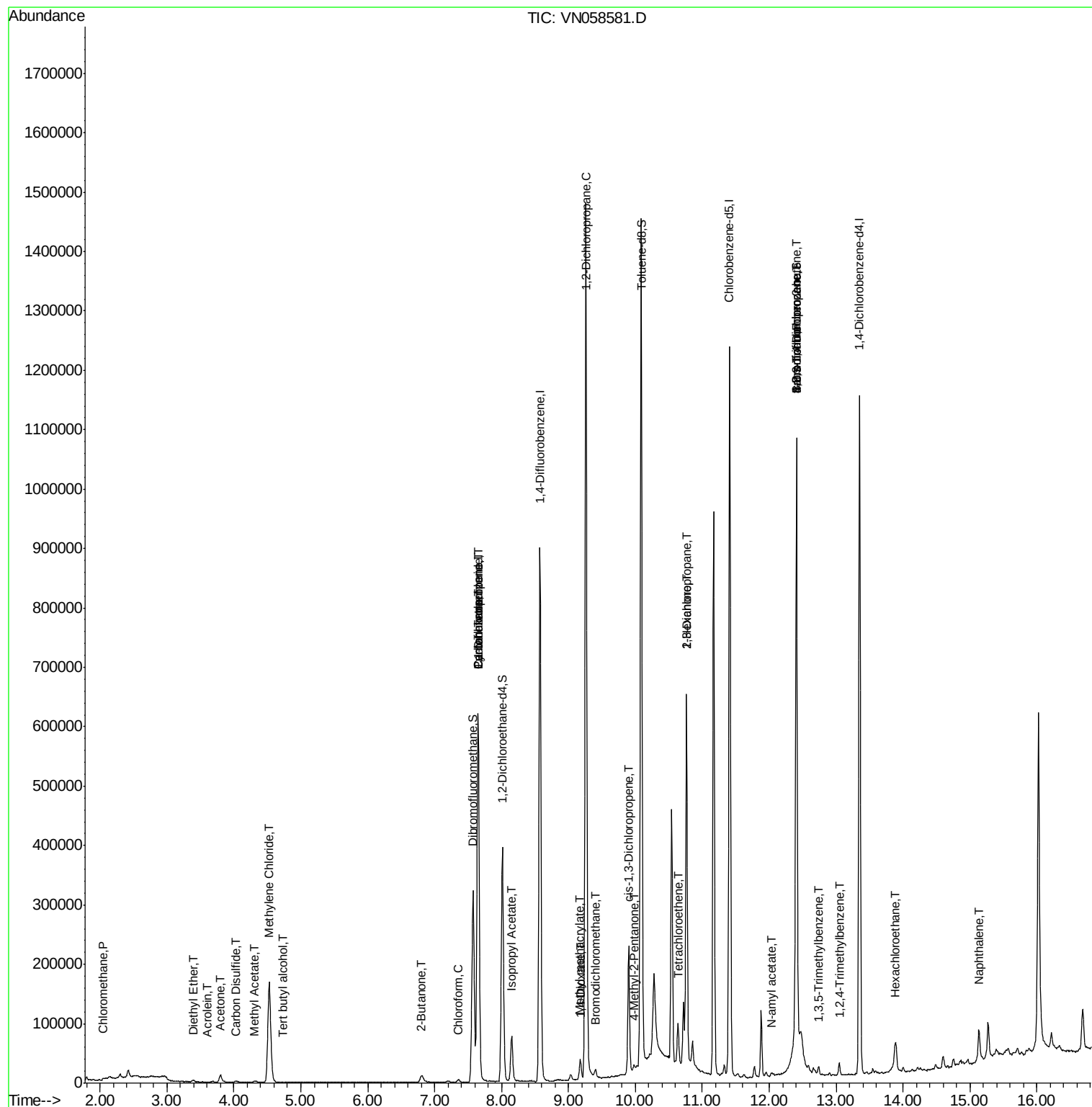
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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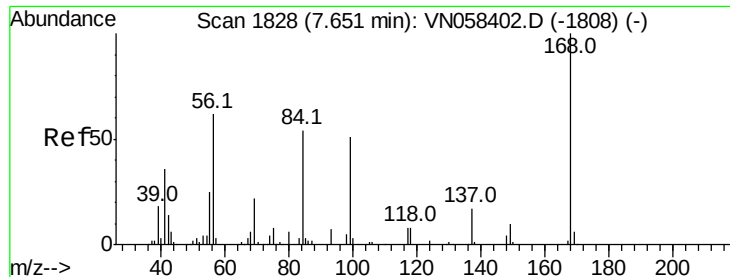
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

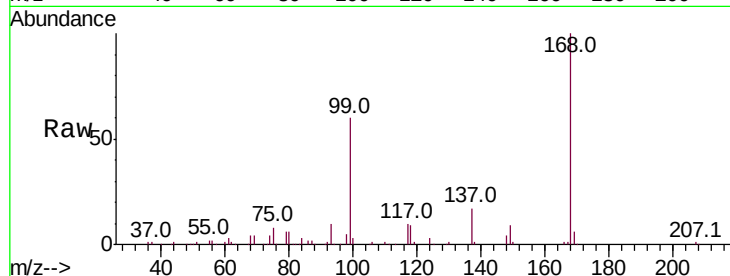
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 492638

Ion Ratio Lower Upper

168 100

99 60.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

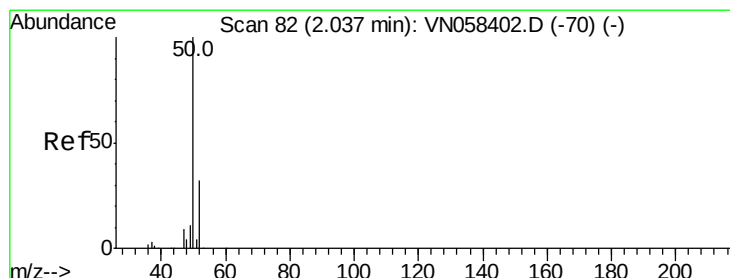
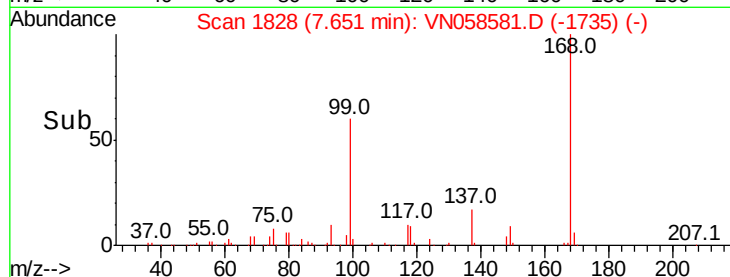
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.291 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058581.D

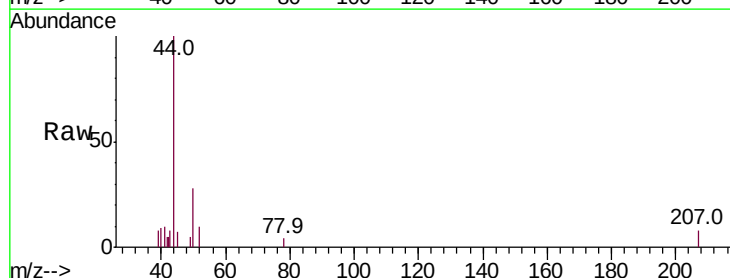
Acq: 7 Oct 2019 20:50

Tgt Ion: 50 Resp: 1729

Ion Ratio Lower Upper

50 100

52 37.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

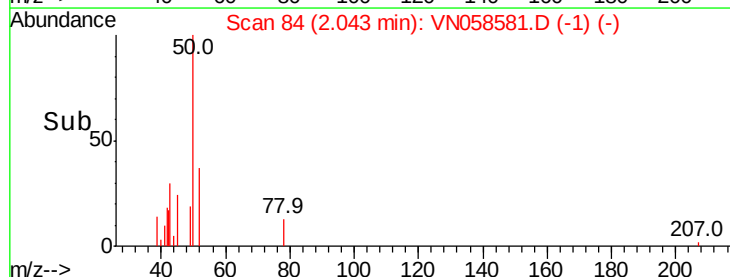
1000

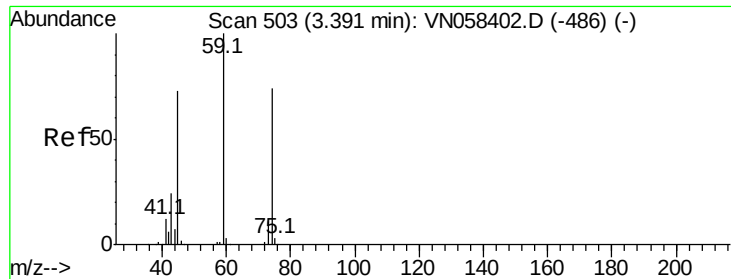
500

0

2.00 2.05

Time-->





#8

Diethyl Ether

Concen: 0.453 ug/l

RT: 3.40 min Scan# 505

Delta R.T. 0.01 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

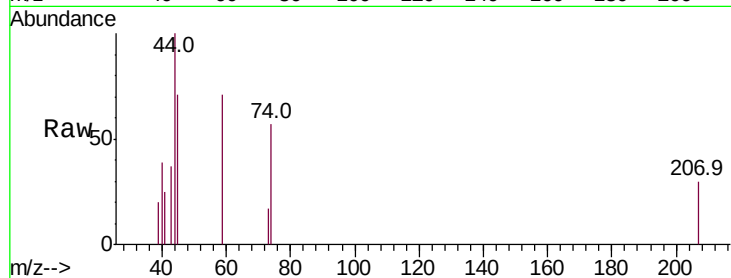
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 74 Resp: 1371

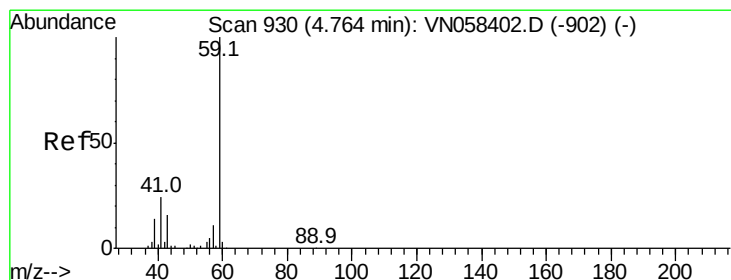
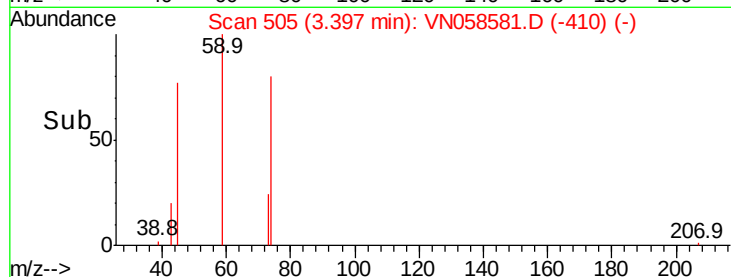
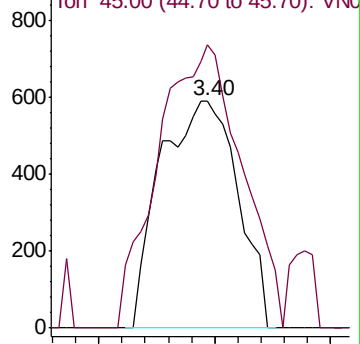
Ion Ratio Lower Upper

74 100

45 134.3 50.5 151.6



Abundance Ion 74.00 (73.70 to 74.70): VN0



#11

Tert butyl alcohol

Concen: 0.449 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.03 min

Lab File: VN058581.D

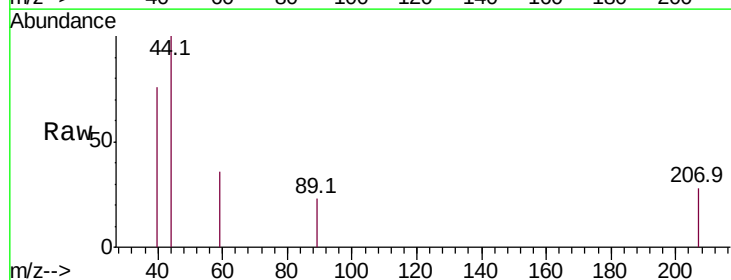
Acq: 7 Oct 2019 20:50

Tgt Ion: 59 Resp: 359

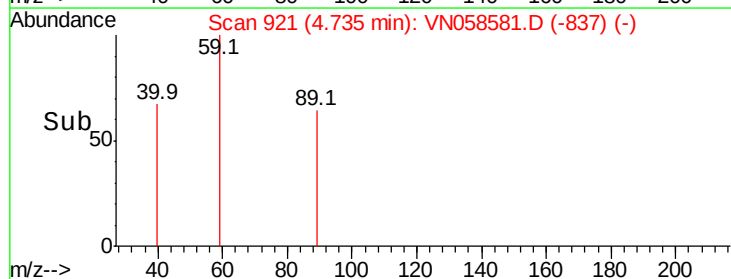
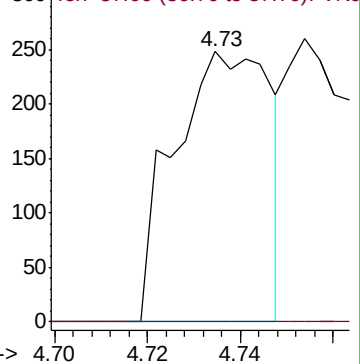
Ion Ratio Lower Upper

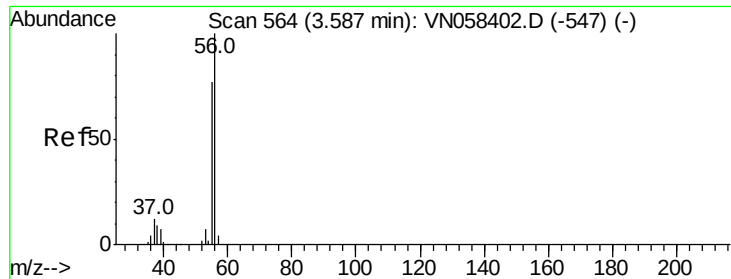
59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0





#13

Acrolein

Concen: 0.381 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

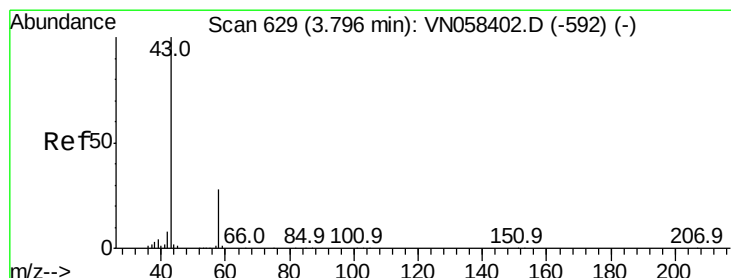
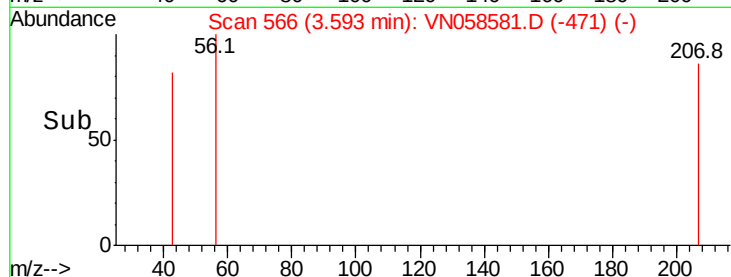
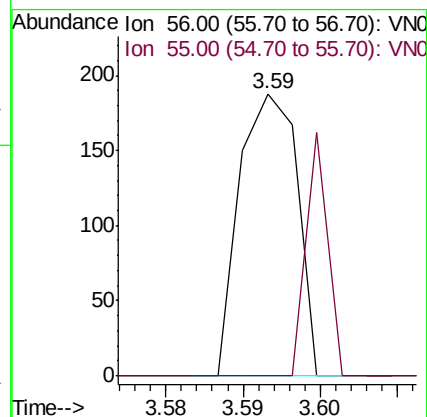
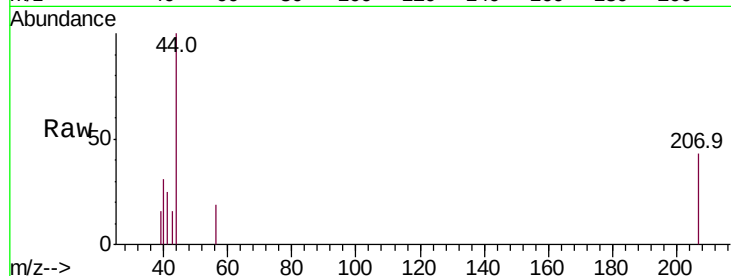
ClientSampleId :

Tot Ion: 56 Resp: 97

Ion Ratio Lower Upper

56 100

55 32.0 58.3 87.5#



#16

Acetone

Concen: 7.954 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058581.D

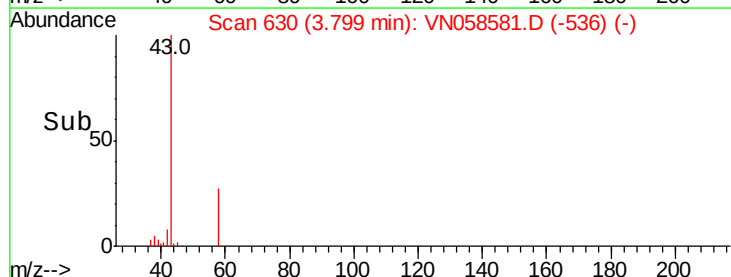
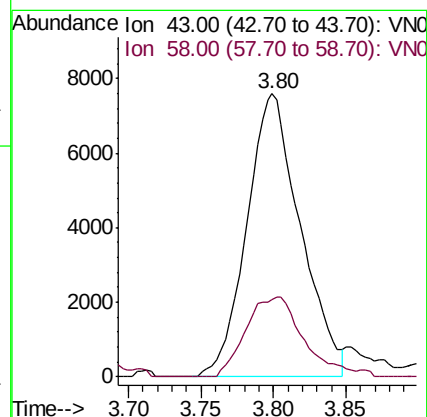
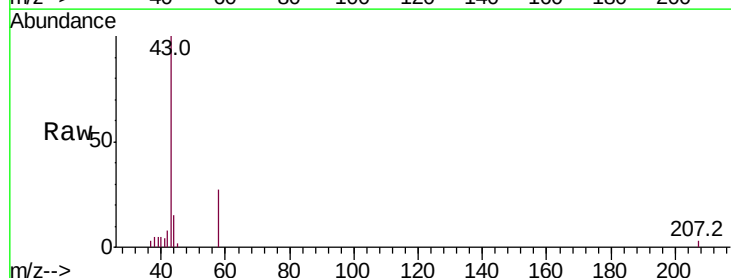
Acq: 7 Oct 2019 20:50

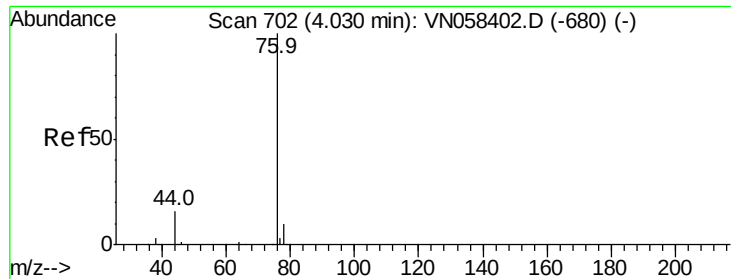
Tgt Ion: 43 Resp: 19521

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6





#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

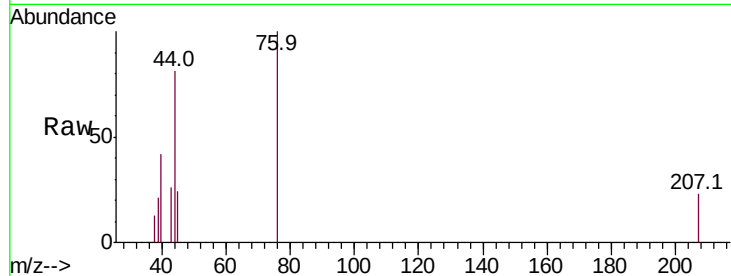
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 2730

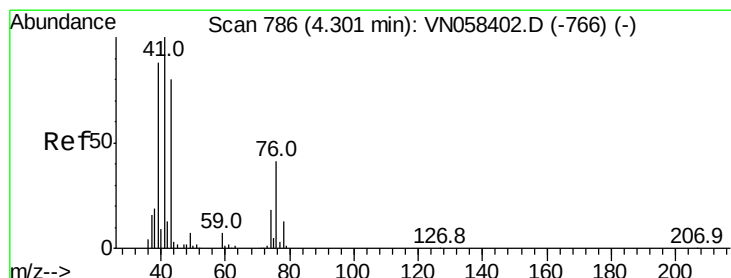
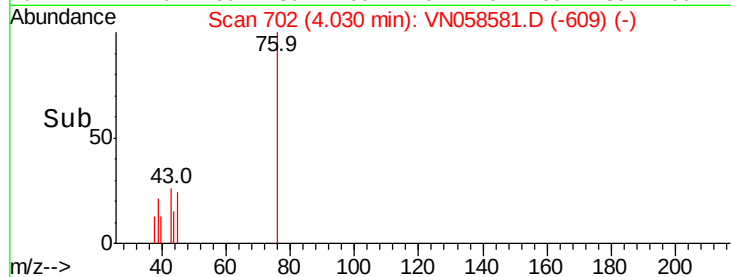
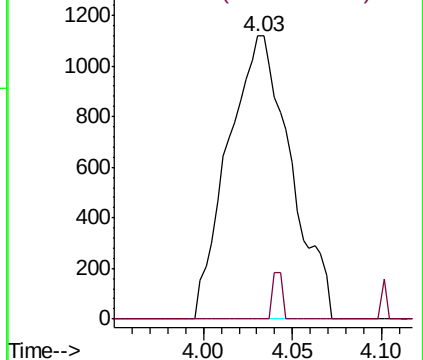
Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0



#18

Methyl Acetate

Concen: 0.659 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058581.D

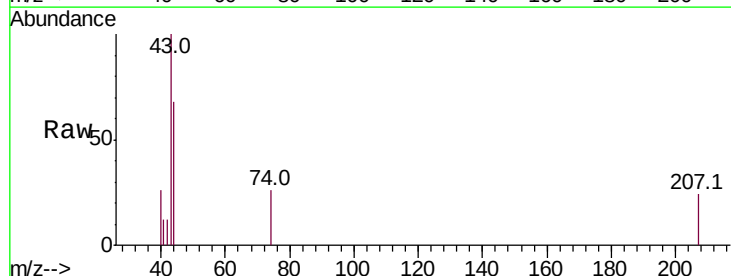
Acq: 7 Oct 2019 20:50

Tgt Ion: 43 Resp: 4069

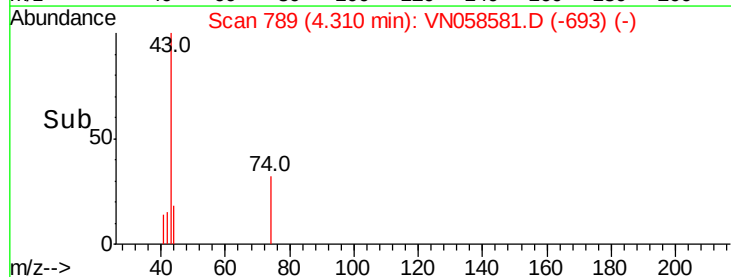
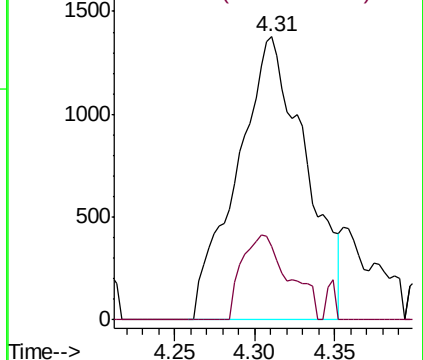
Ion Ratio Lower Upper

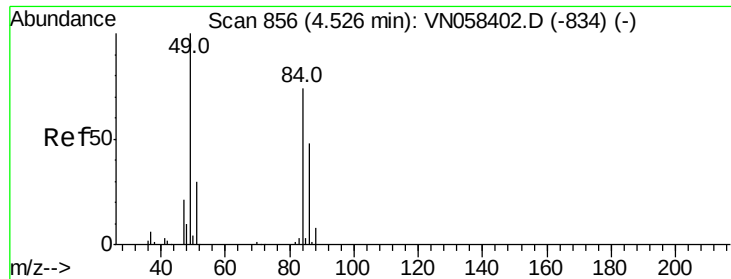
43 100

74 20.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

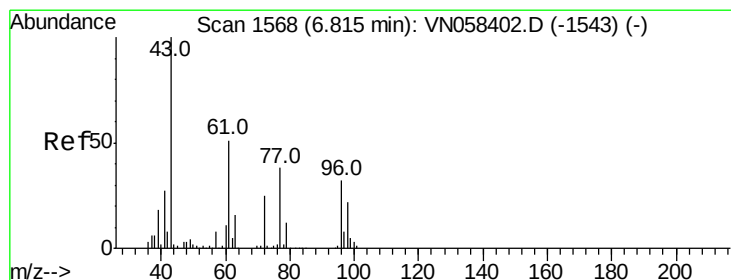
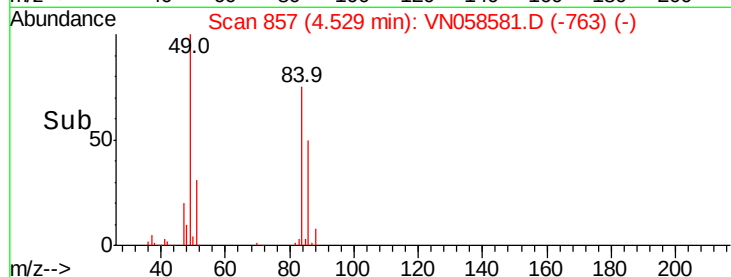
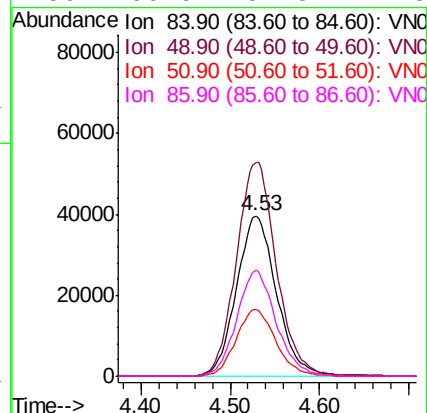
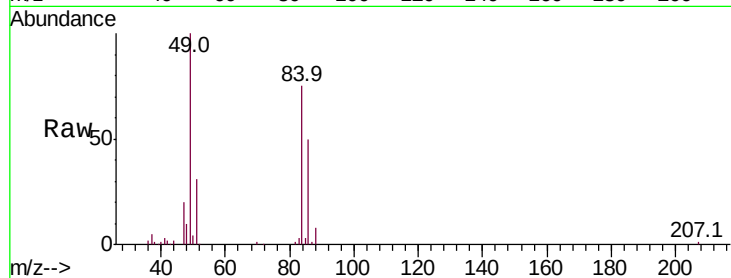




#20
Methvlene Chloride
Concen: 21.733 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

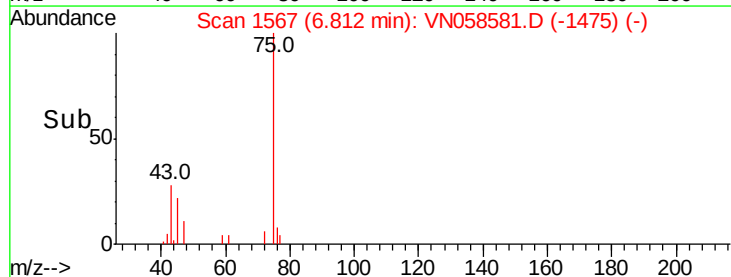
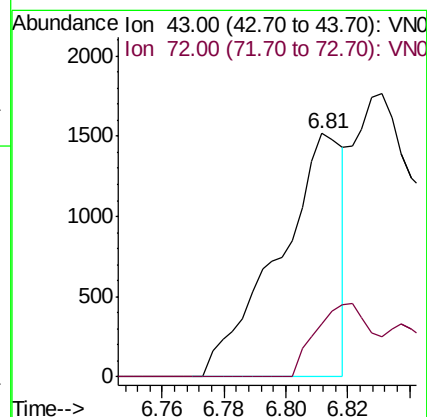
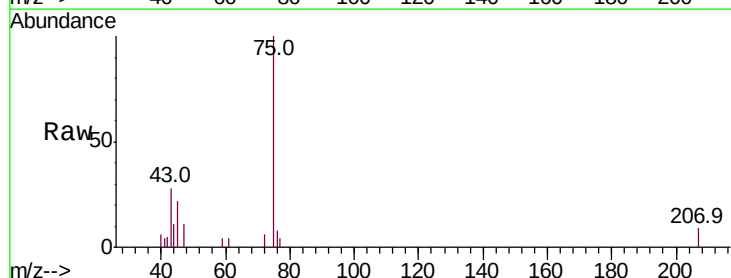
Instrument :
MSVOA_N
ClientSampleId :

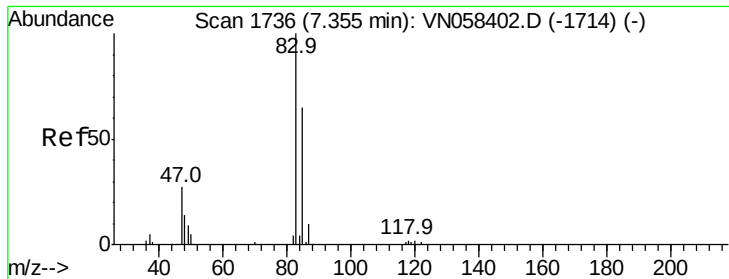
Tot Ion: 84 Resp: 123084
Ion Ratio Lower Upper
84 100
49 133.1 107.9 161.9
51 41.2 32.8 49.2
86 66.5 51.5 77.3



#25
2-Butanone
Concen: 0.652 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
72 21.5 20.2 30.4

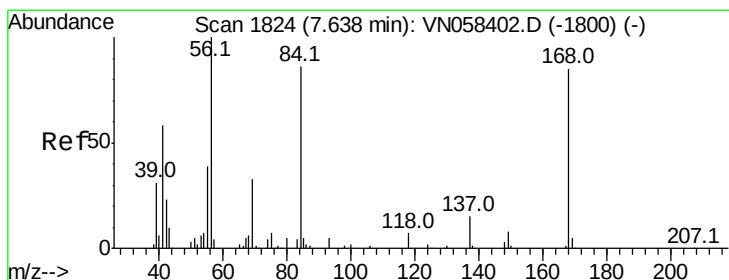
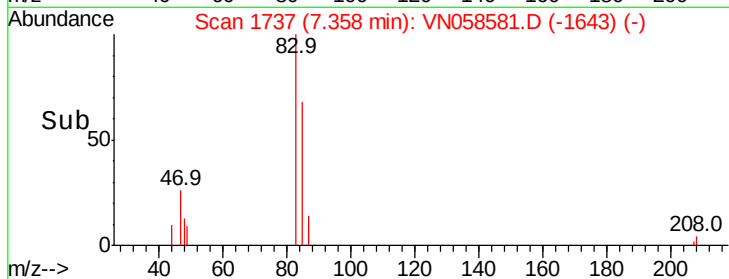
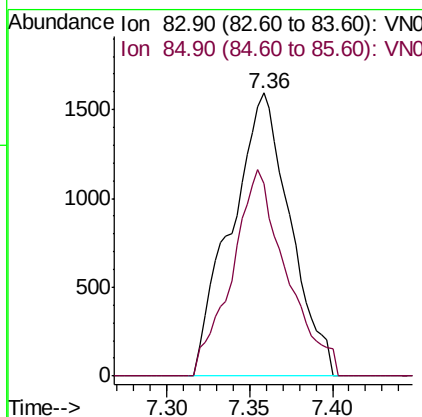
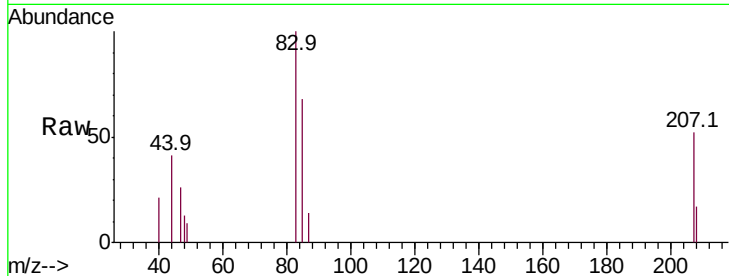




#30
Chloroform
Concen: 0.379 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

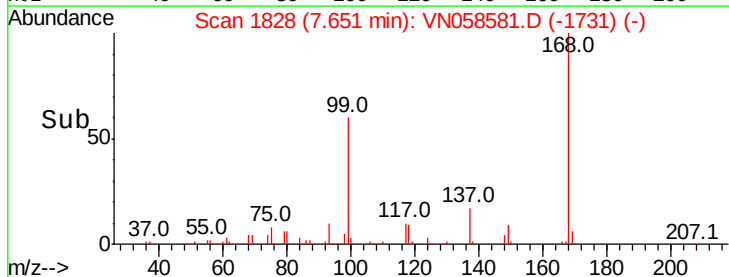
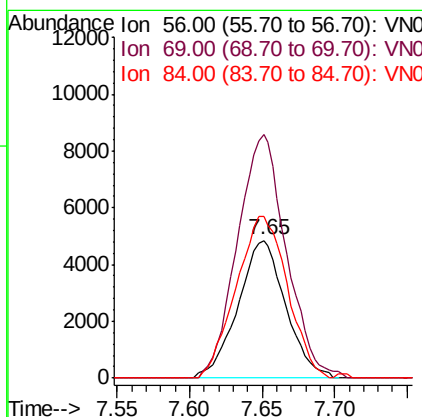
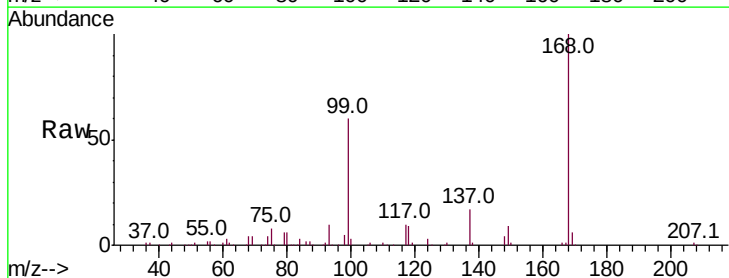
Instrument :
MSVOA_N
ClientSampleId :

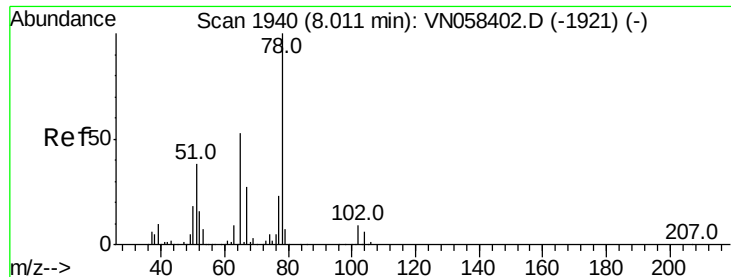
Tot Ion: 83 Resp: 3929
Ion Ratio Lower Upper
83 100
85 67.9 52.0 78.0



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Tgt Ion: 56 Resp: 11081
Ion Ratio Lower Upper
56 100
69 177.0 26.2 39.4#
84 117.6 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 48.192 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

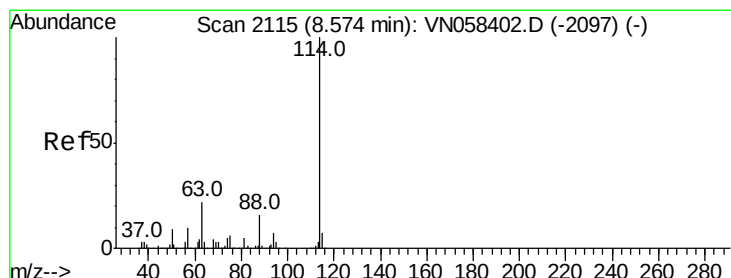
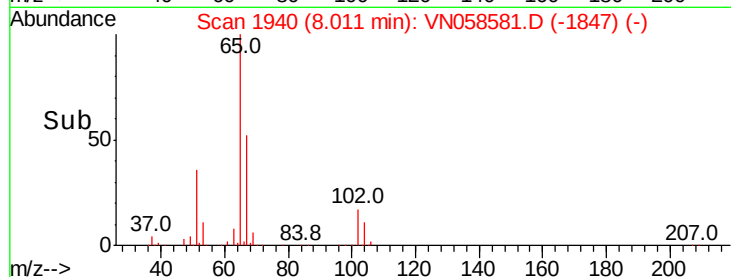
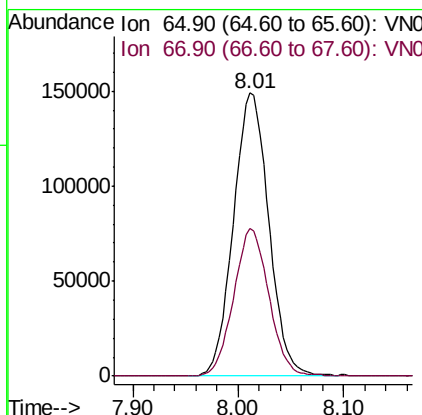
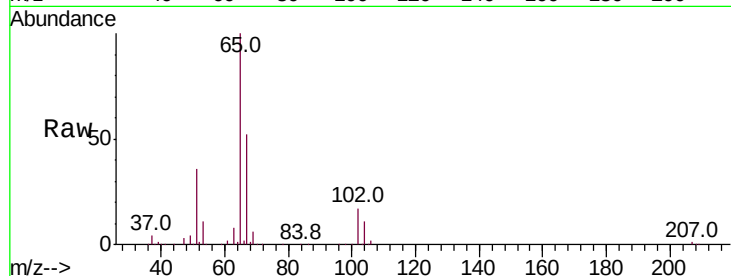
Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 346940

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

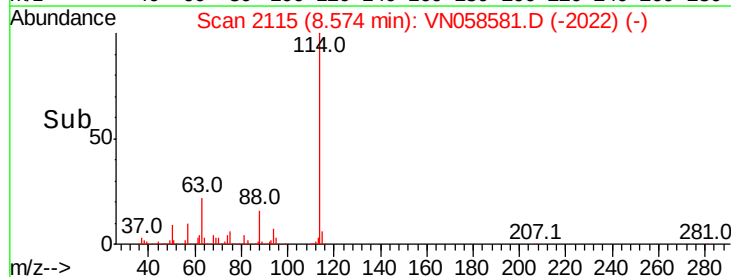
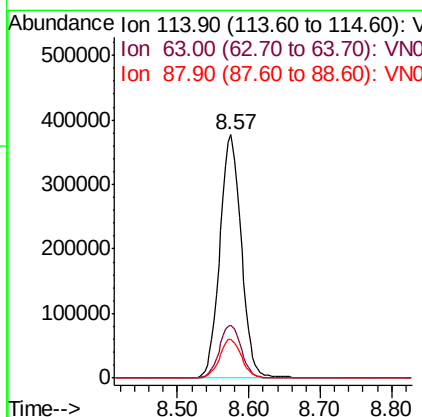
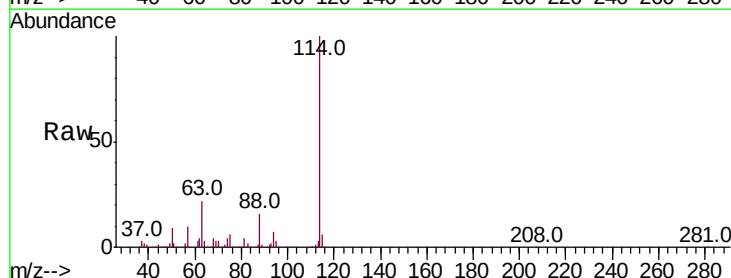
Delta R.T. -0.00 min

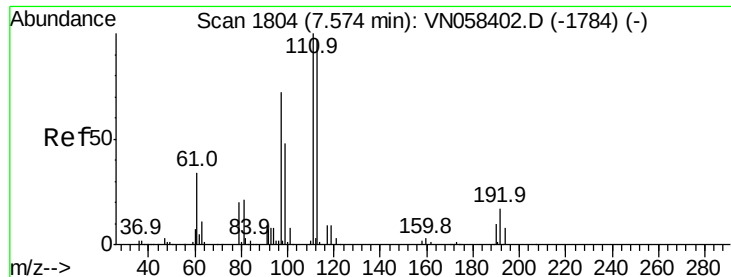
Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Tgt Ion: 114 Resp: 788156

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.0
88	16.1	0.0	32.2





#35

Dibromofluoromethane

Concen: 50.946 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :
MSVOA_N
ClientSampleId :

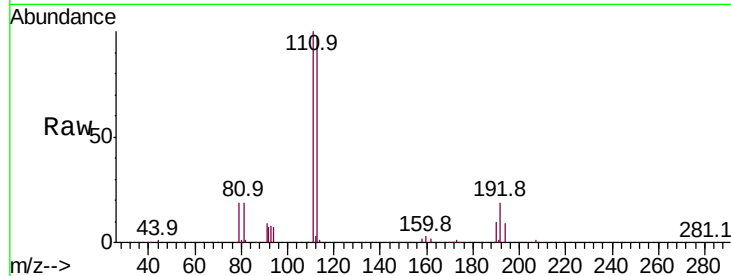
Tot Ion:113 Resp: 246094

Ion Ratio Lower Upper

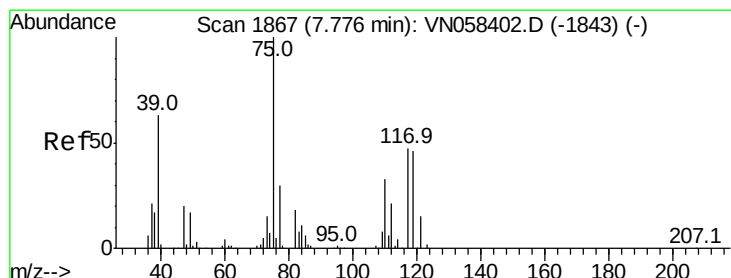
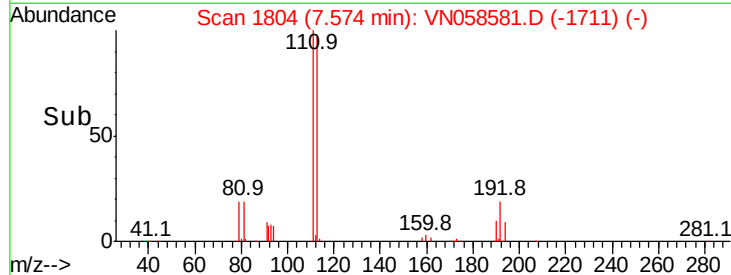
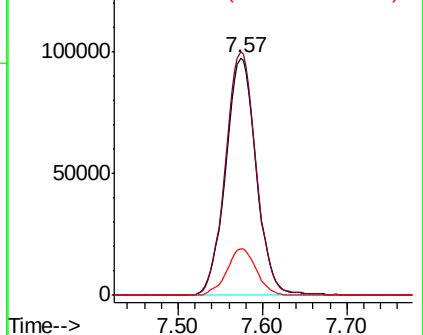
113 100

111 102.7 83.4 125.2

192 19.2 14.9 22.3



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: 5.304 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

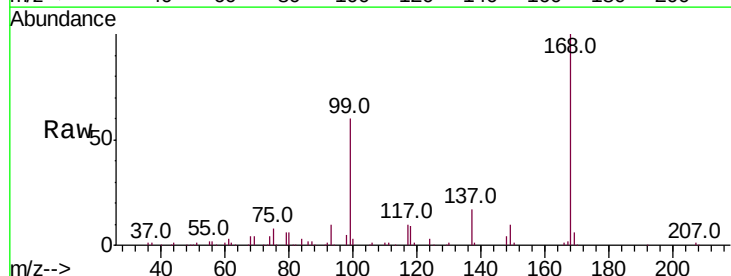
Tgt Ion: 75 Resp: 39969

Ion Ratio Lower Upper

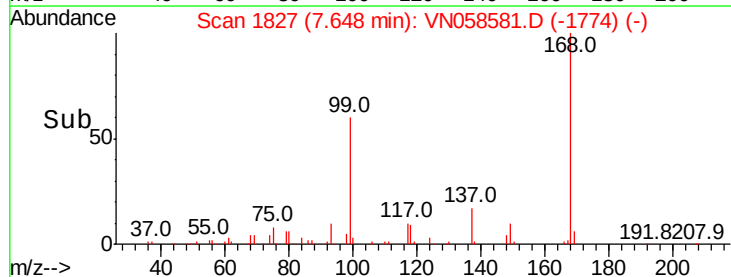
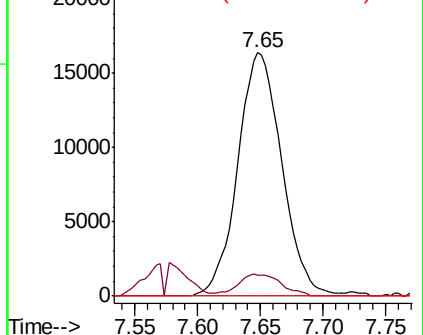
75 100

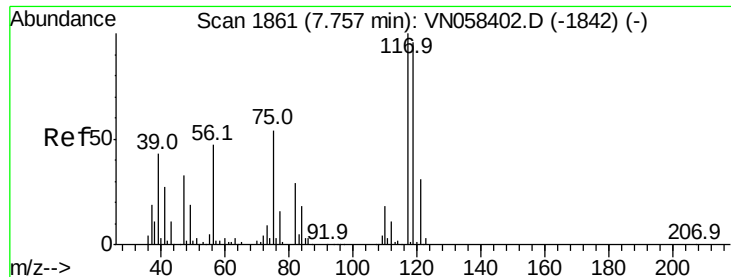
110 8.9 16.4 49.2#

77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 7.446 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

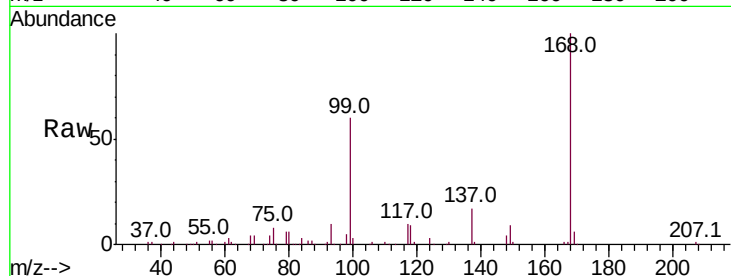
Tot Ion:117 Resp: 50652

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

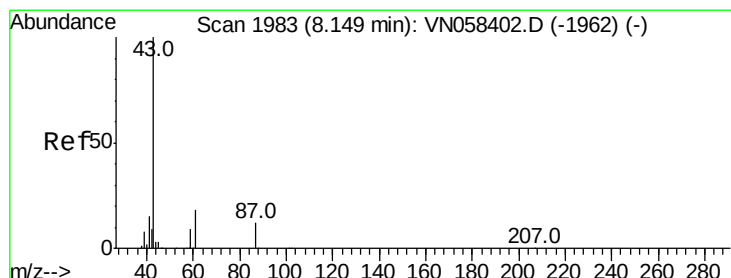
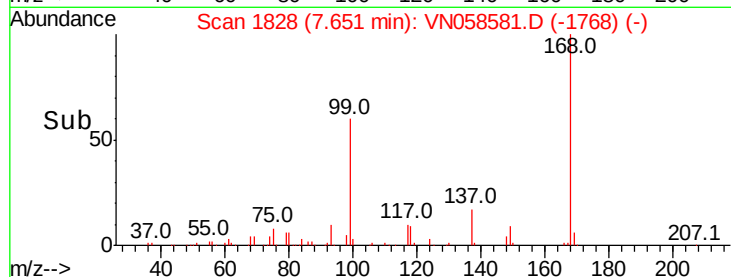
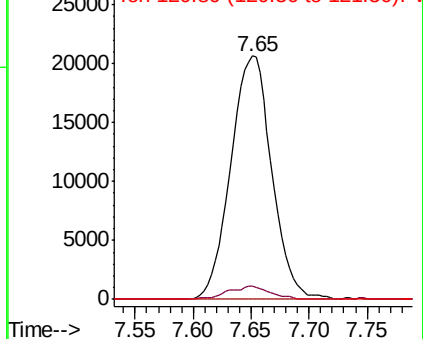
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 7.790 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

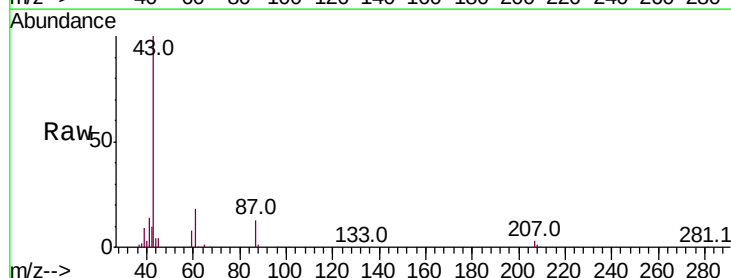
Tgt Ion: 43 Resp: 93599

Ion Ratio Lower Upper

43 100

61 18.4 14.8 22.2

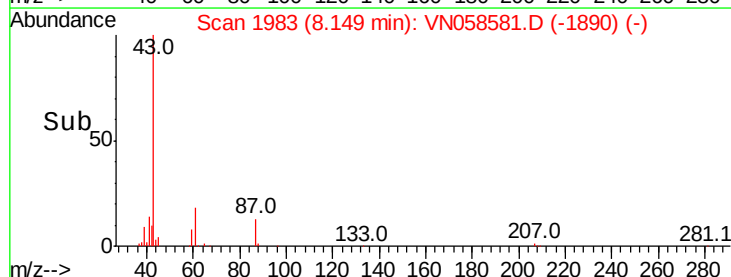
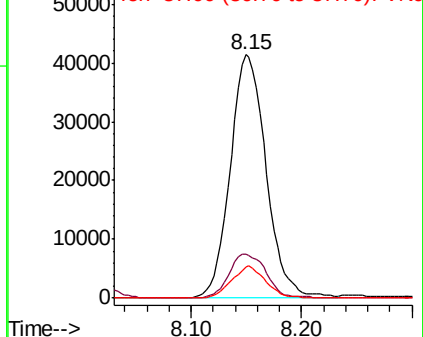
87 12.2 9.7 14.5

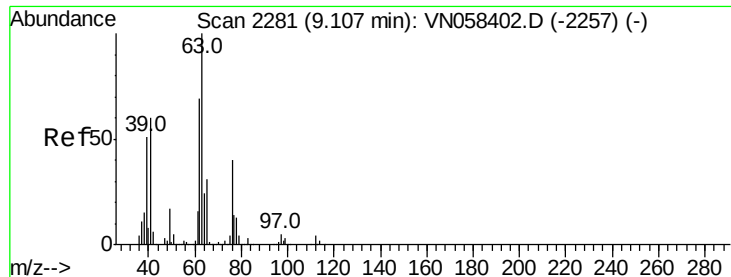


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.269 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

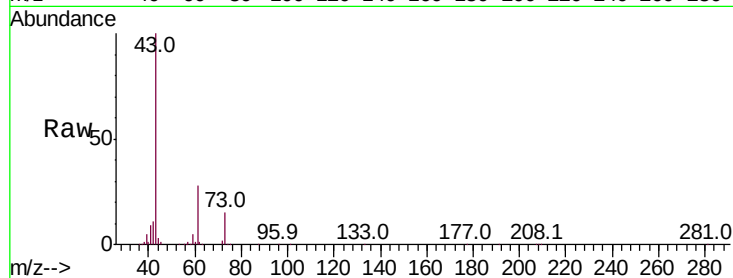
ClientSampleId :

Tot Ion: 63 Resp: 1564

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

1200

1000

800

600

400

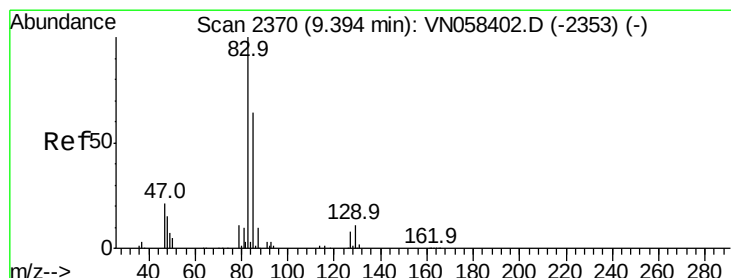
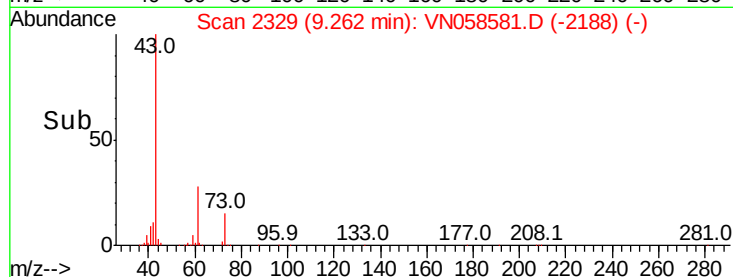
200

0

9.25

9.30

Time-->



#47

Bromodichloromethane

Concen: 0.257 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

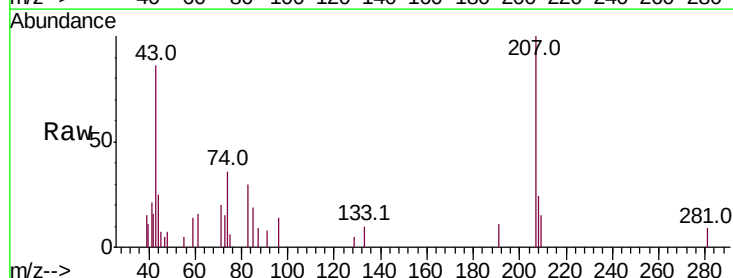
Tgt Ion: 83 Resp: 1794

Ion Ratio Lower Upper

83 100

85 65.7 51.2 76.8

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

1000

500

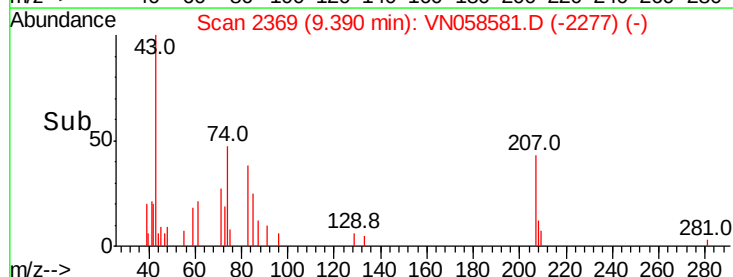
0

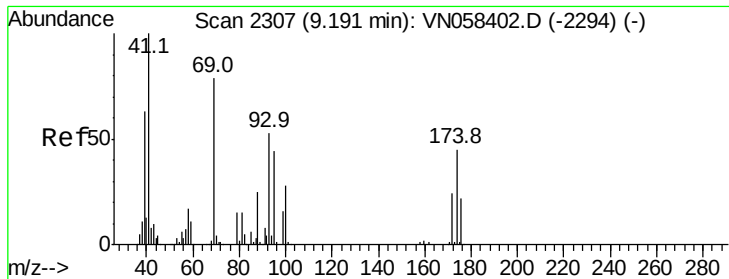
9.35

9.40

9.45

Time-->





#48

Methvl methacrylate

Concen: 0.953 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :
MSVOA_N
ClientSampleId :

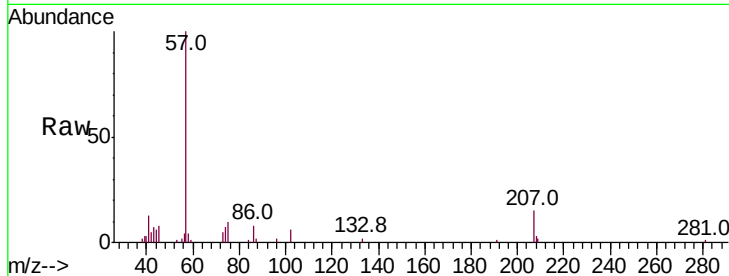
Tot Ion: 41 Resp: 5216

Ion Ratio Lower Upper

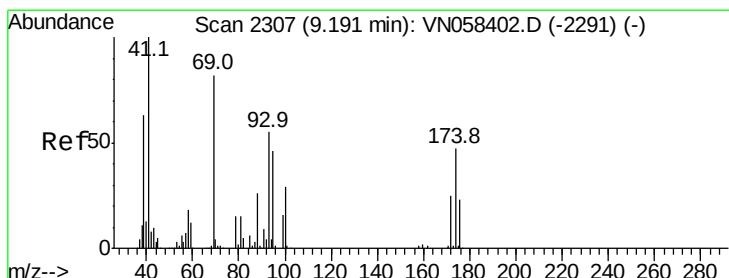
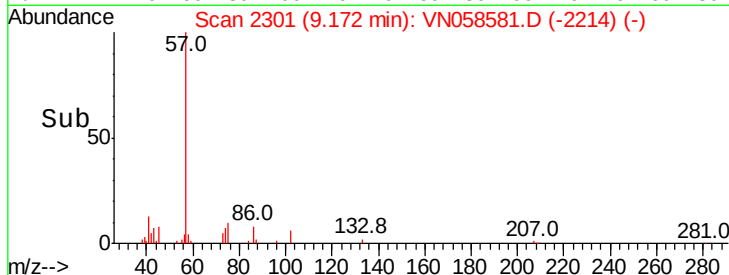
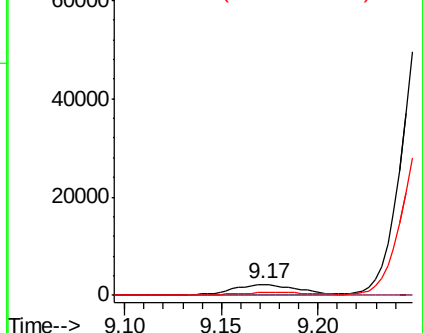
41 100

69 0.0 64.7 97.1#

39 0.0 52.9 79.3#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC



#49

1,4-Dioxane

Concen: 0.437 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

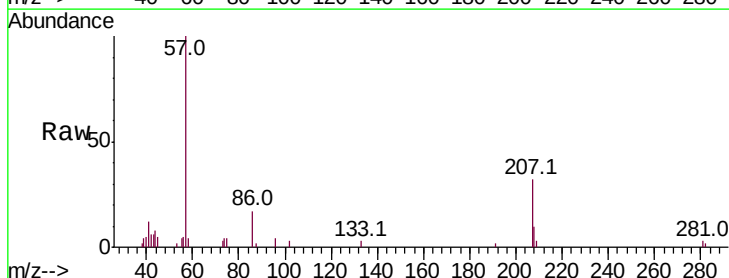
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

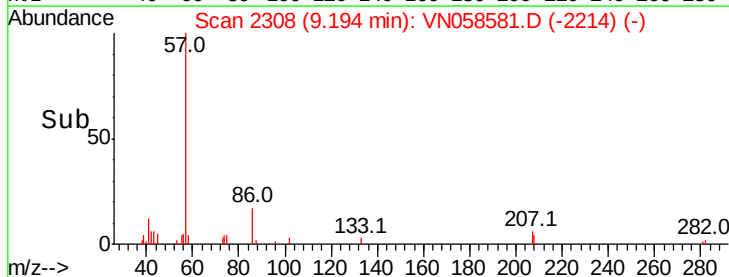
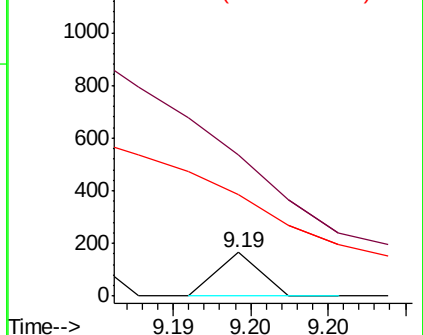
88 100

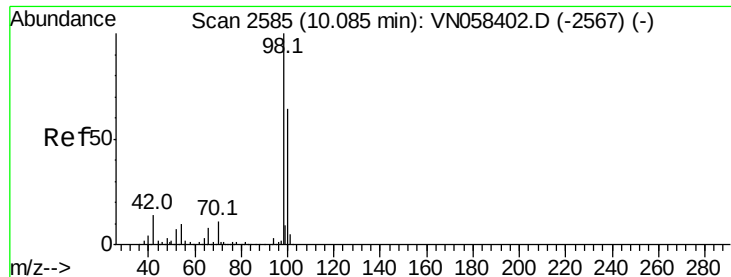
43 0.0 31.1 46.7#

58 0.0 58.1 87.1#



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

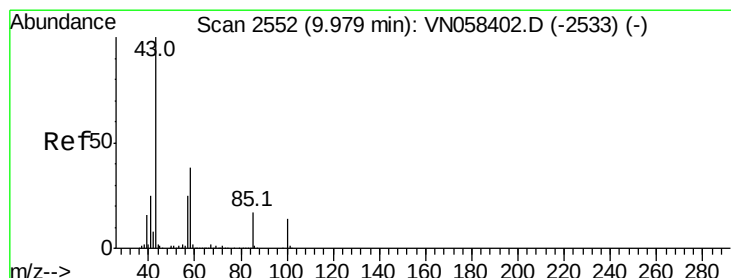
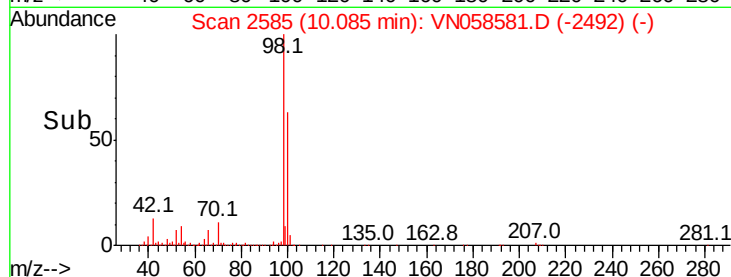
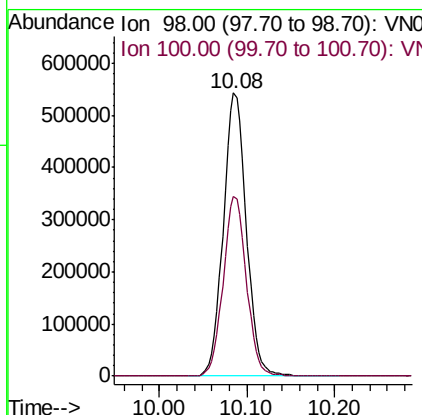
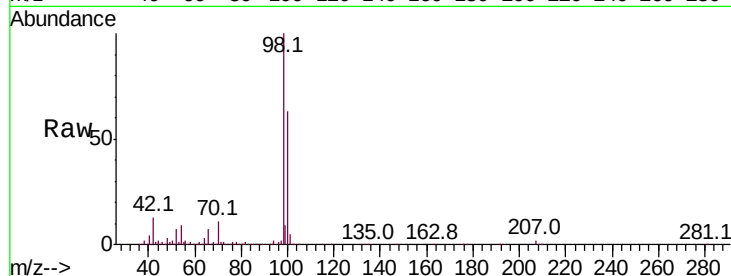




#50
Toluene-d8
Concen: 52.486 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

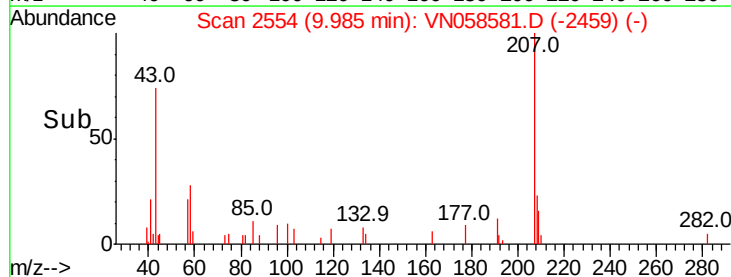
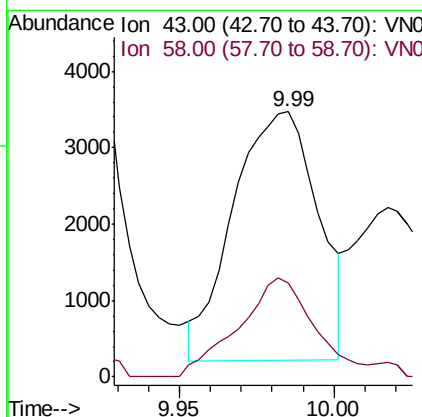
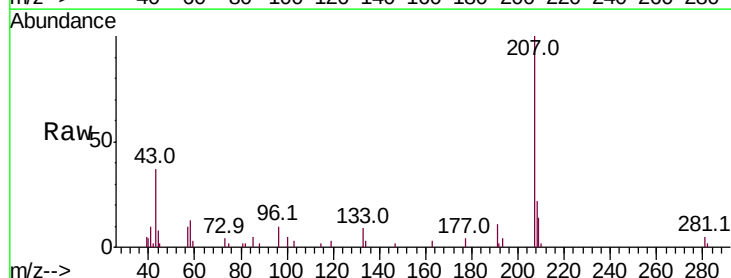
Instrument :
MSVOA_N
ClientSampleId :

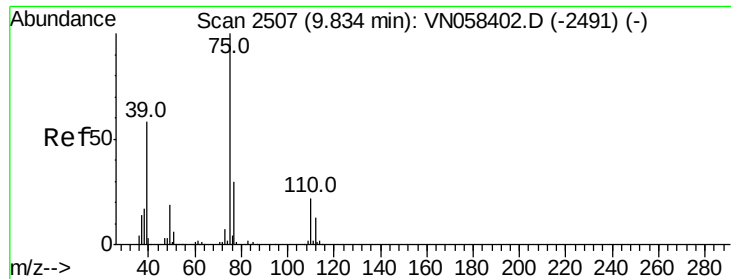
Tot Ion: 98 Resp: 993194
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.01 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Tgt Ion: 43 Resp: 6208
Ion Ratio Lower Upper
43 100
58 35.7 30.2 45.2





#54

cis-1,3-Dichloropropene

Concen: 4.616 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

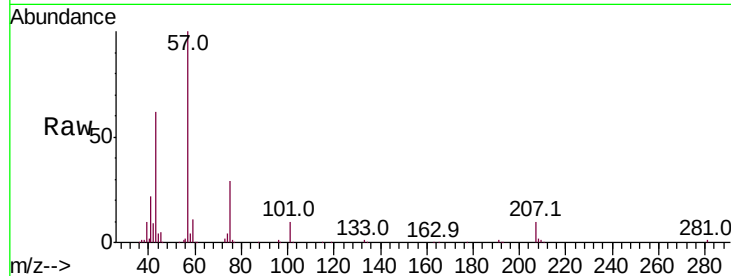
Tot Ion: 75 Resp: 38876

Ion Ratio Lower Upper

75 100

77 1.2 24.2 36.4#

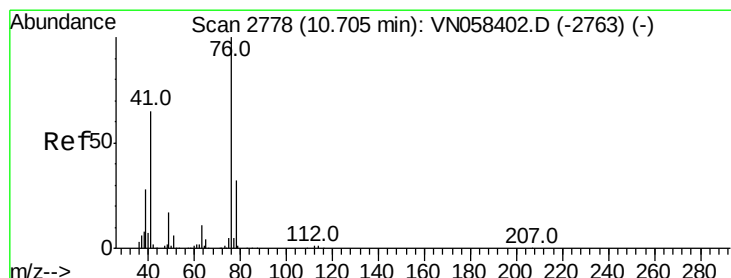
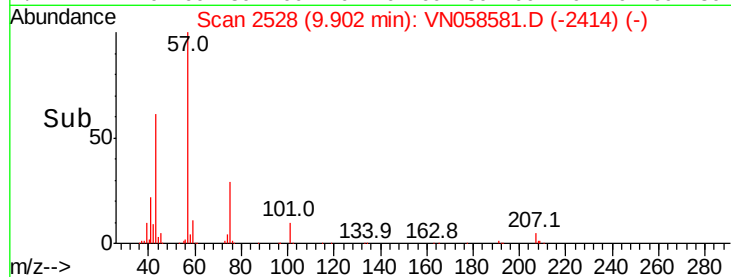
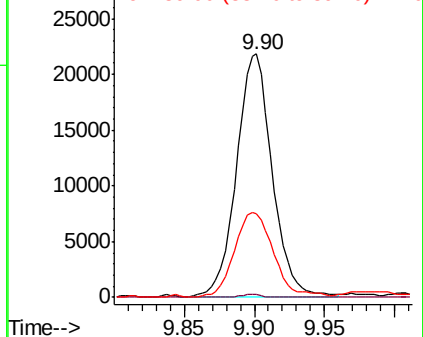
39 34.3 46.4 69.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.728 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058581.D

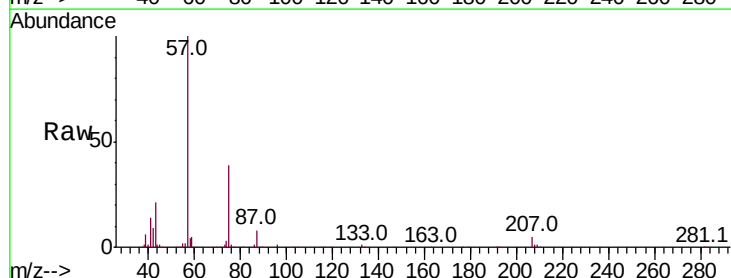
Acq: 7 Oct 2019 20:50

Tgt Ion: 76 Resp: 6448

Ion Ratio Lower Upper

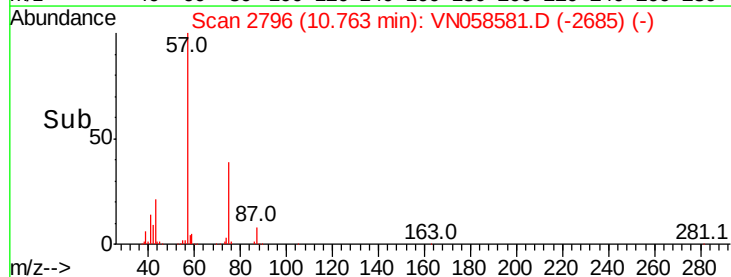
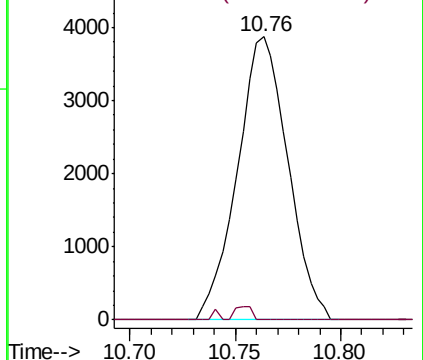
76 100

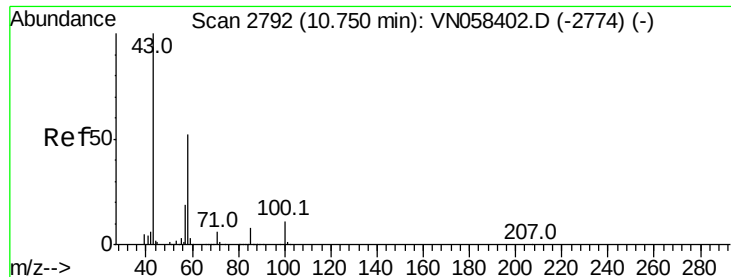
78 1.6 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

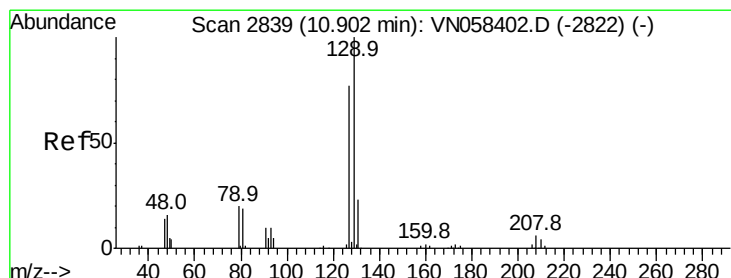
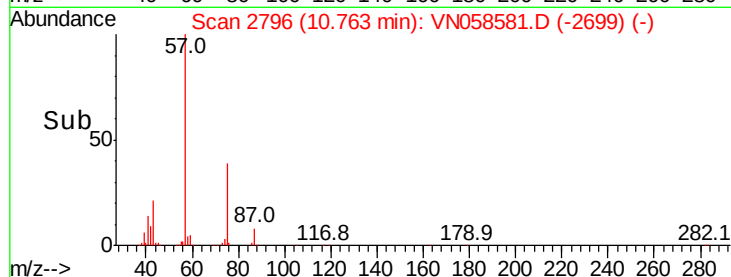
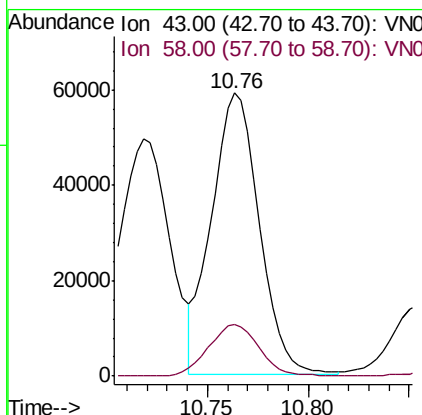
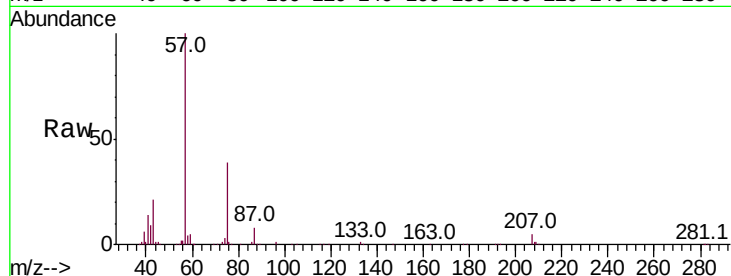




#59
2-Hexanone
Concen: 21.577 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

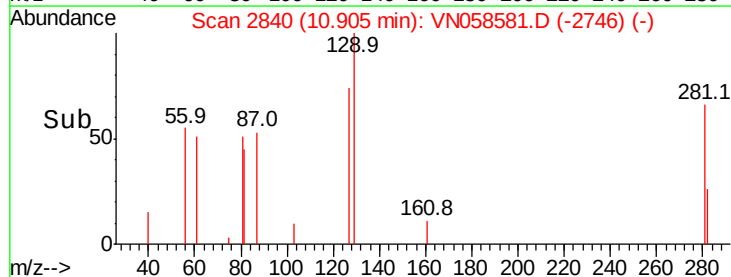
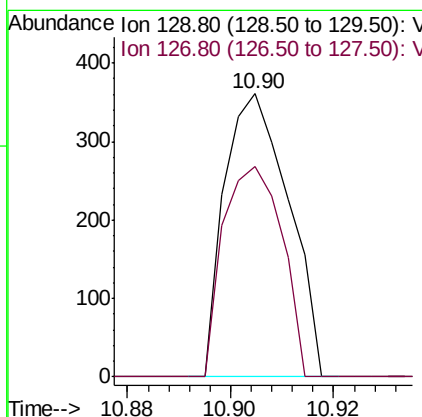
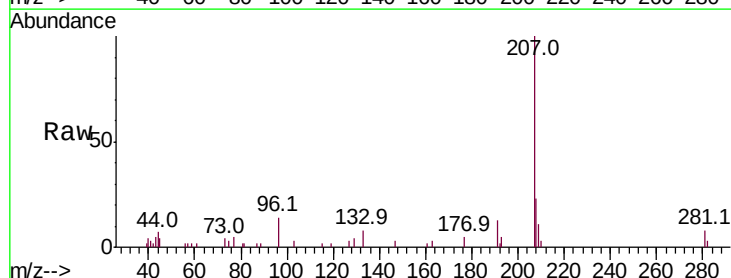
Instrument :
MSVOA_N
ClientSampled :

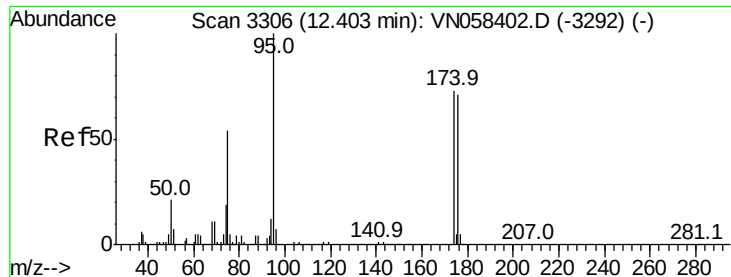
Tot Ion: 43 Resp: 96969
Ion Ratio Lower Upper
43 100
58 19.4 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Tgt Ion: 129 Resp: 310
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 49.877 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

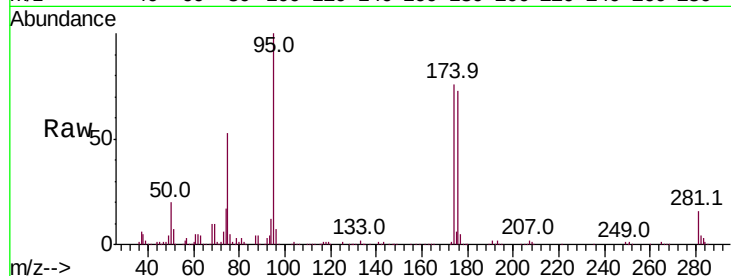
Tot Ion: 95 Resp: 341269

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.9 0.0 146.2

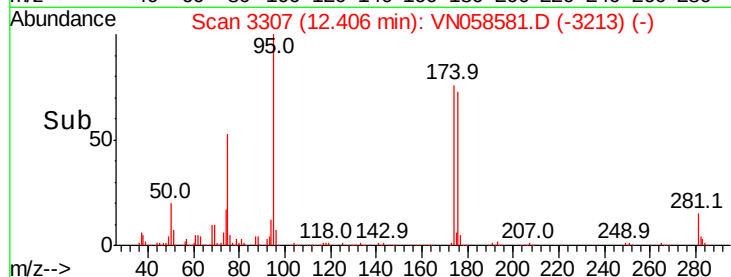


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

Time-->

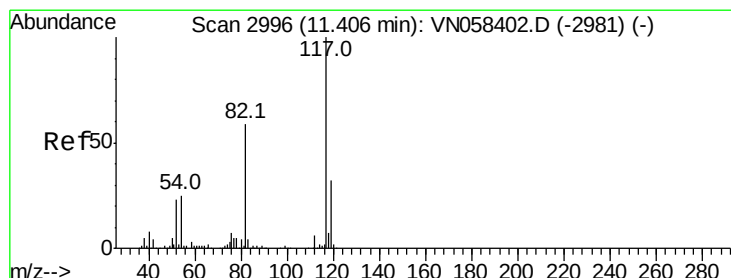


Abundance Ion 94.90 (94.60 to 95.60): VN058581.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058581.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058581.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

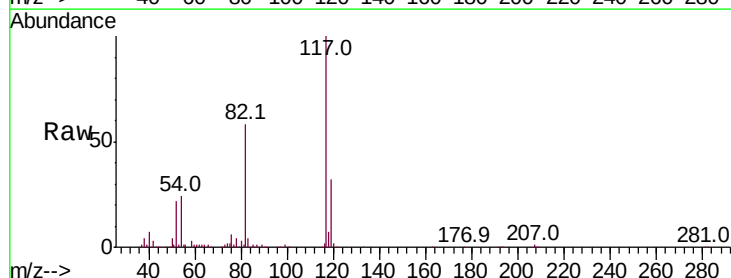
Tgt Ion: 117 Resp: 703841

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.0

119 32.4 25.5 38.3

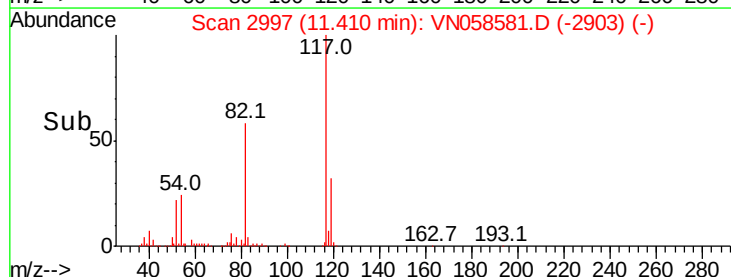


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

Time-->

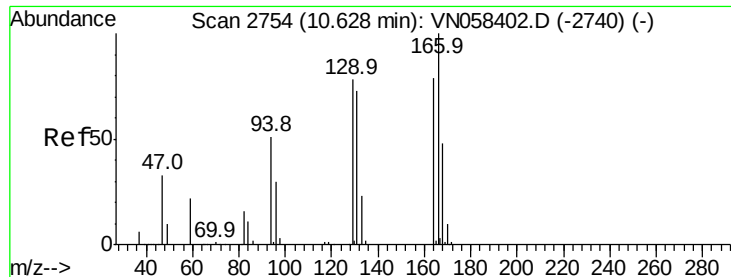


Abundance Ion 116.90 (116.60 to 117.60): VN058581.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058581.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058581.D (-2903) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.212 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 948

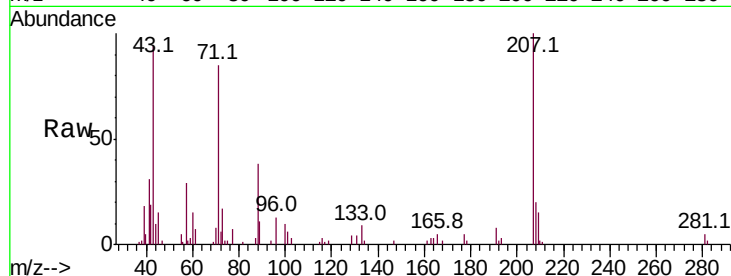
Ion Ratio Lower Upper

164 100

166 131.3 101.1 151.7

129 114.2 79.2 118.8

131 103.4 74.1 111.1



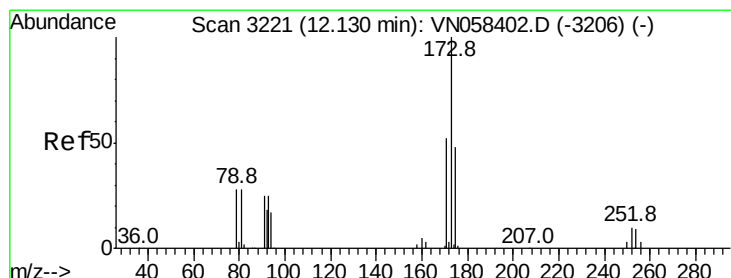
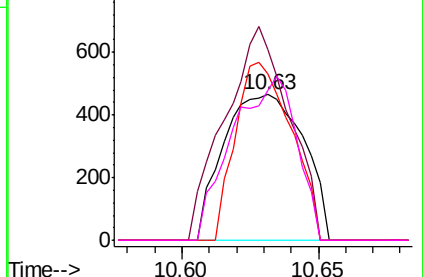
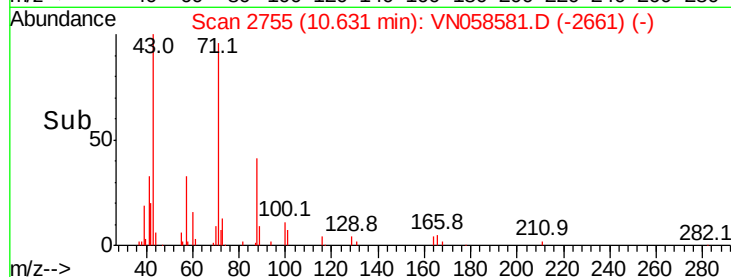
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#71

Bromoform

Concen: 1.419 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

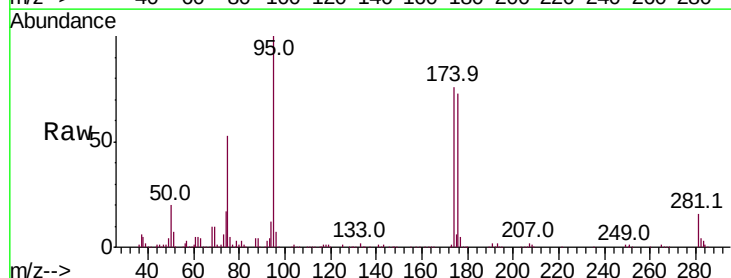
Tgt Ion:173 Resp: 2394

Ion Ratio Lower Upper

173 100

175 691.1 24.3 73.0#

254 0.0 0.1 0.1#

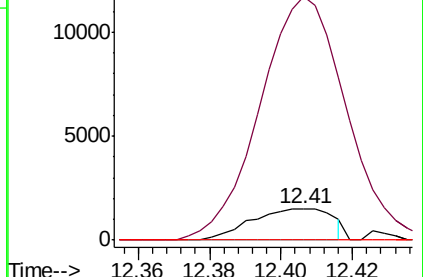
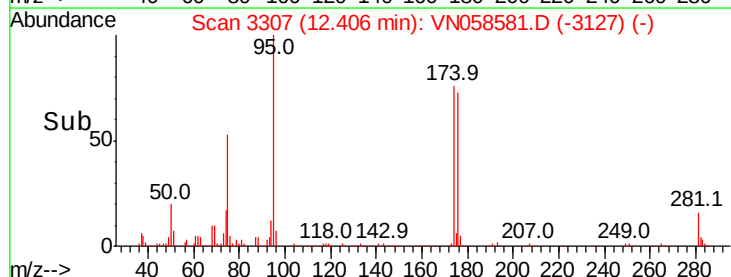


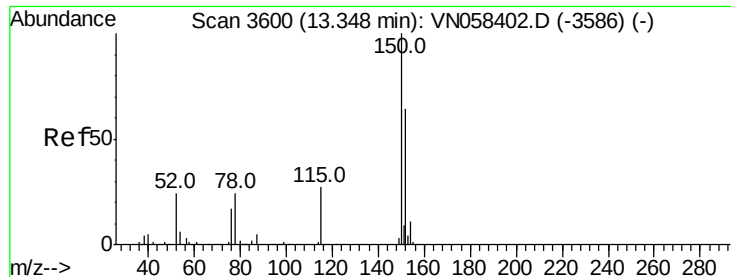
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

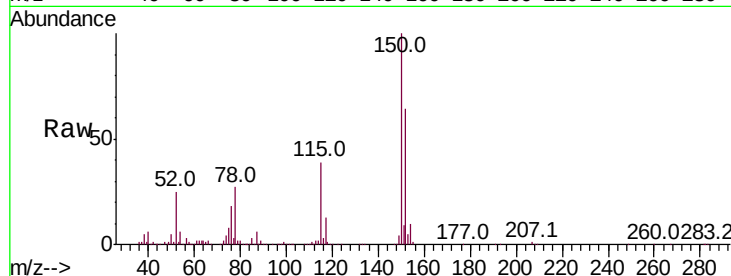
Tot Ion:152 Resp: 295902

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

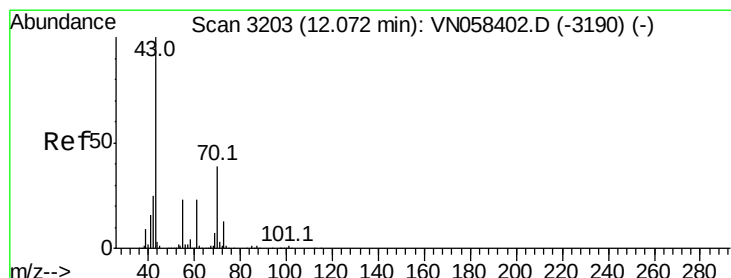
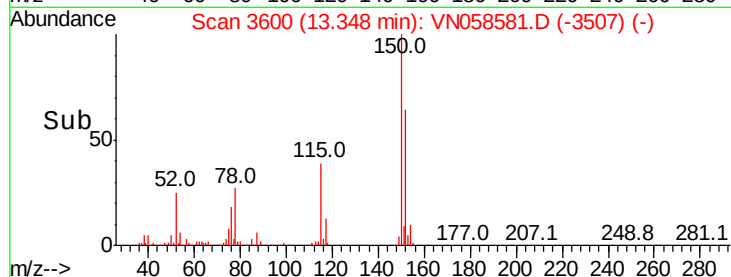
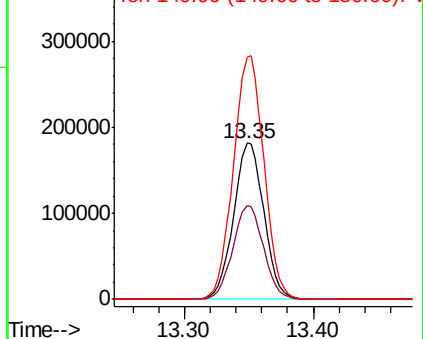
150 157.5 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.551 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Tgt Ion: 43 Resp: 4792

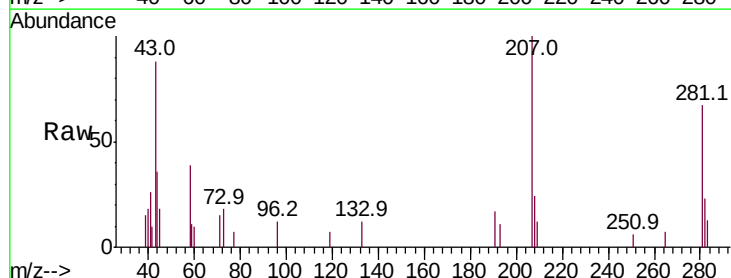
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 0.0 18.2 27.4#

61 0.0 18.3 27.5#

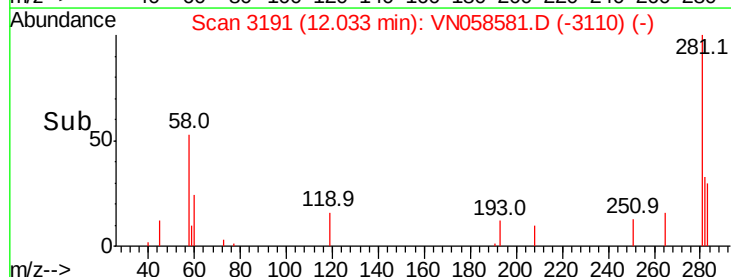
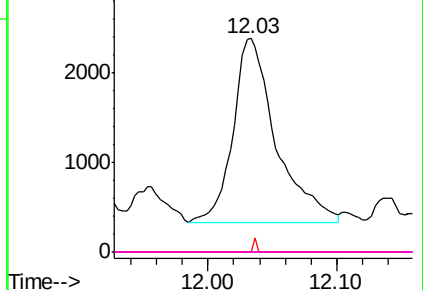


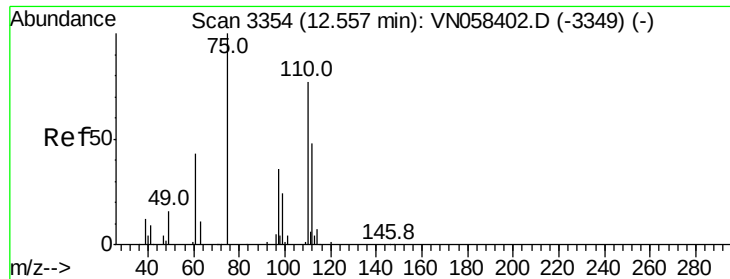
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



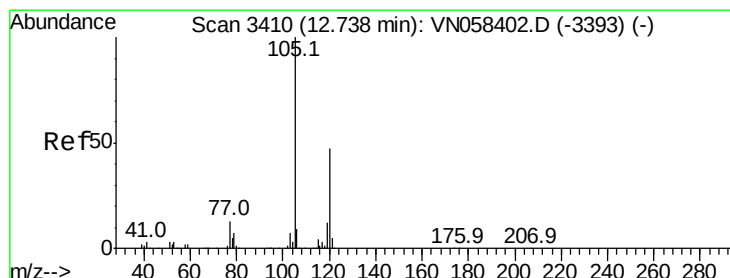
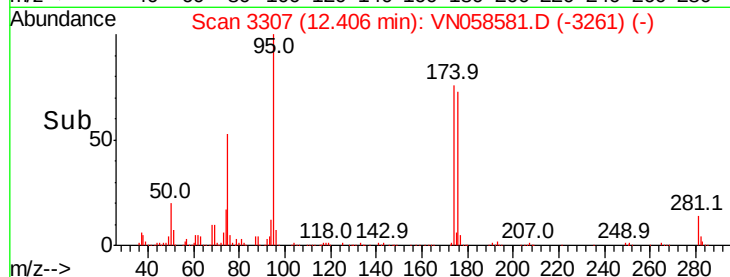
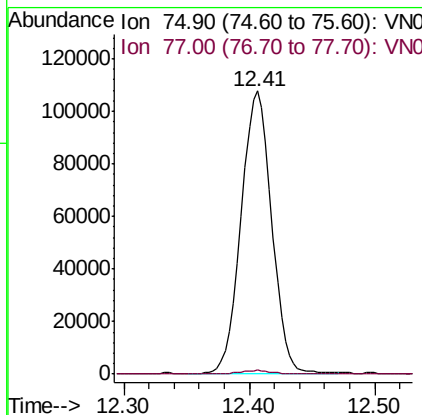
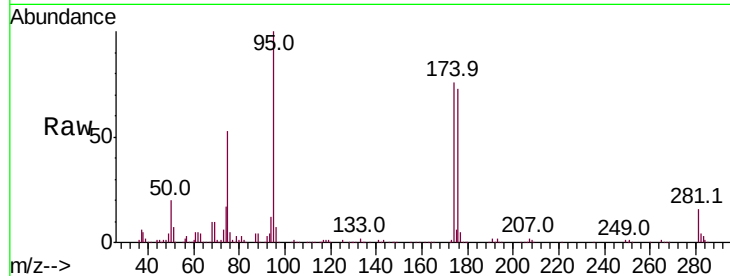


#76

1,2,3-Trichloropropane
Concen: 33.585 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Instrument :
MSVOA_N
ClientSampled :

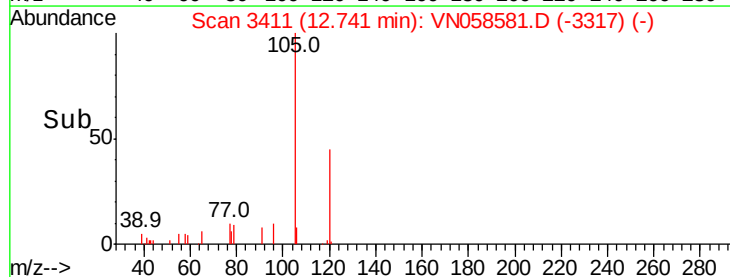
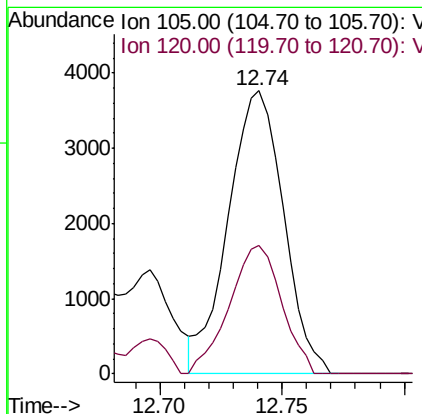
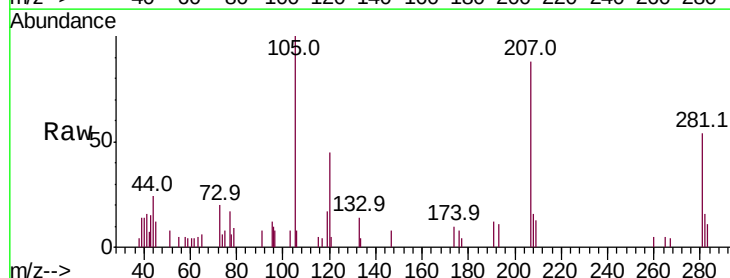
Tot Ion: 75 Resp: 181518
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

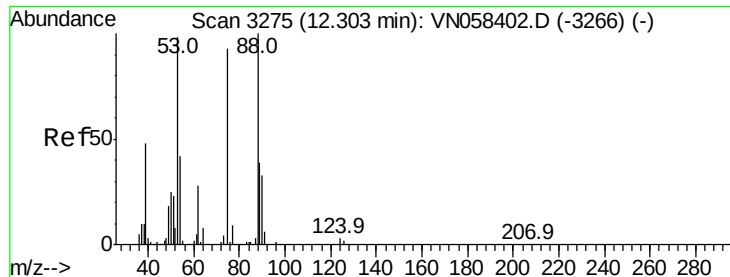


#80

1,3,5-Trimethylbenzene
Concen: 0.324 ug/l
RT: 12.74 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Tgt Ion: 105 Resp: 5934
Ion Ratio Lower Upper
105 100
120 42.9 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 102.003 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

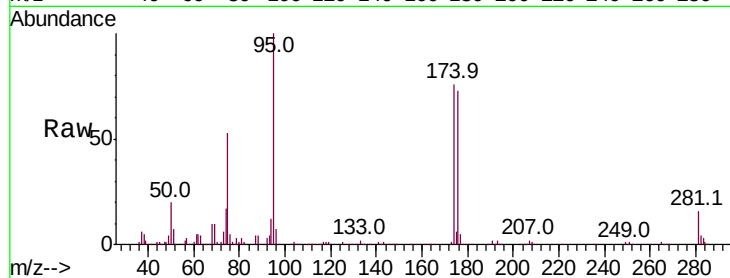
Tot Ion: 75 Resp: 181518

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

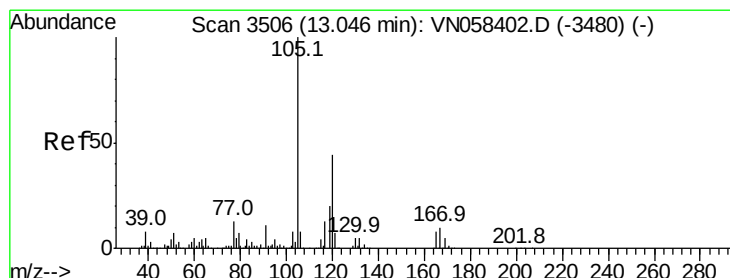
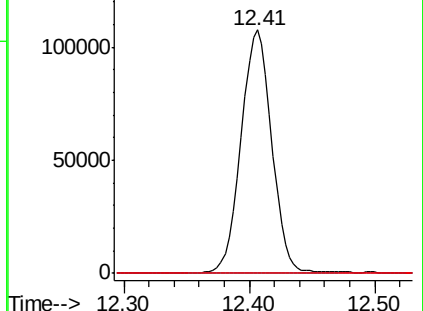
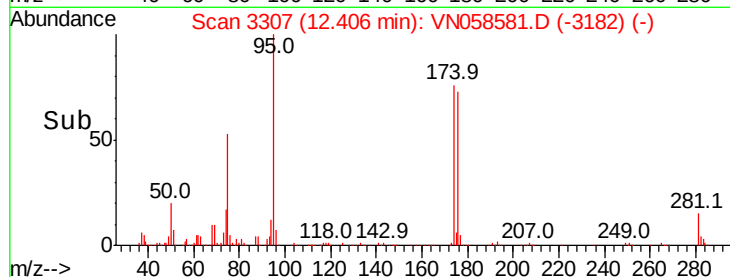
89 0.1 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058581.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN058581.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN058581.D (-3307) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.682 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058581.D

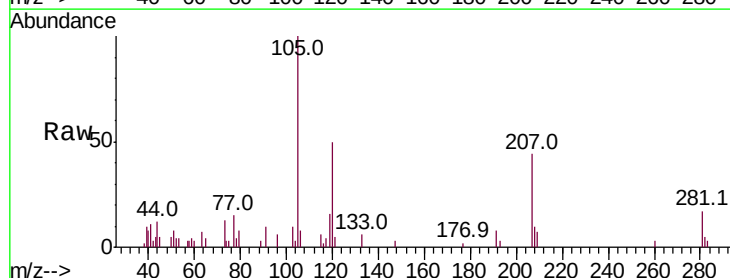
Acq: 7 Oct 2019 20:50

Tgt Ion: 105 Resp: 12508

Ion Ratio Lower Upper

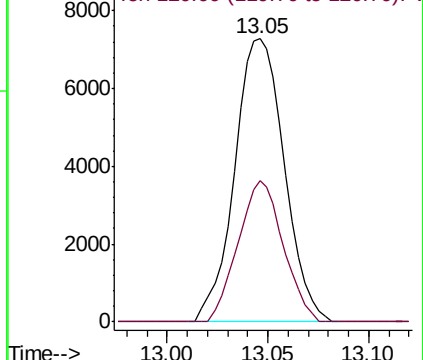
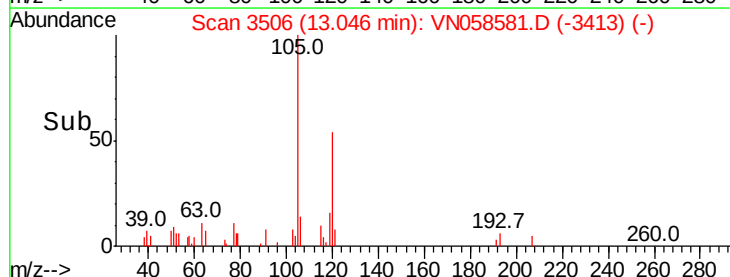
105 100

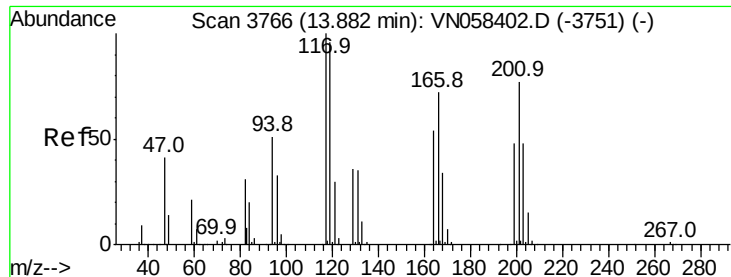
120 45.4 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058581.D (-3506) (-)

Ion 120.00 (119.70 to 120.70): VN058581.D (-3506) (-)





#90

Hexachloroethane

Concen: 0.325 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

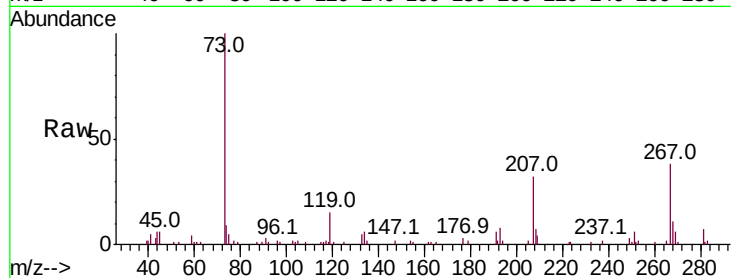
ClientSampleId :

Tot Ion:117 Resp: 875

Ion Ratio Lower Upper

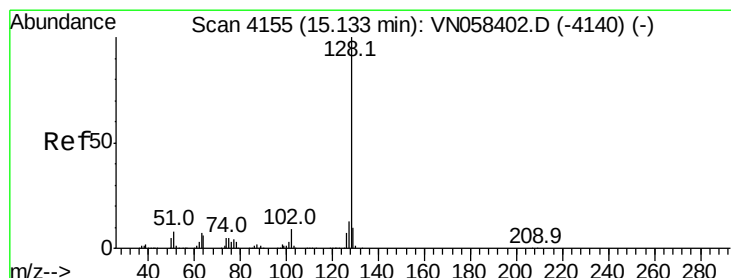
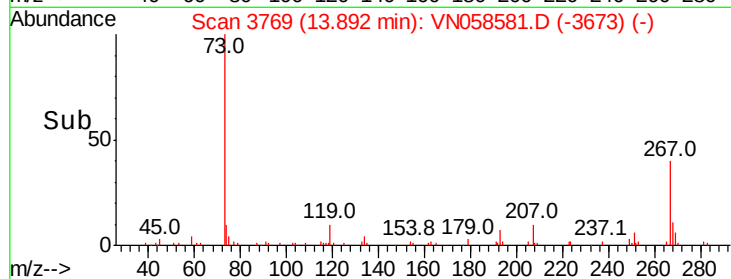
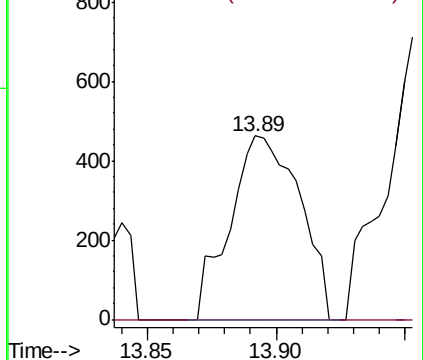
117 100

201 0.0 38.6 116.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.258 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

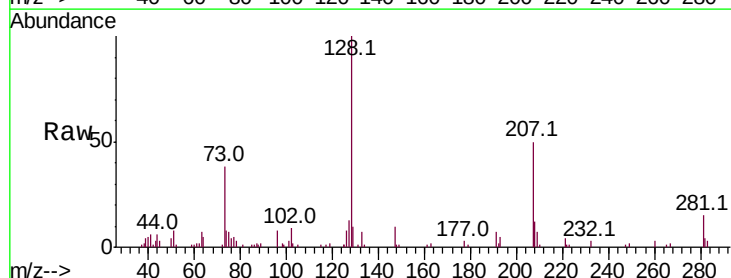
Tgt Ion:128 Resp: 33043

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 11.7 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

