

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058577.D
 Acq On : 7 Oct 2019 19:21
 Operator : JC/SP
 Sample : PB123664TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 14:07:11 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	496072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	789527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293364	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	338707	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
35) Dibromofluoromethane	7.57	113	241889	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	10.08	98	986411	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.41	95	337988	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

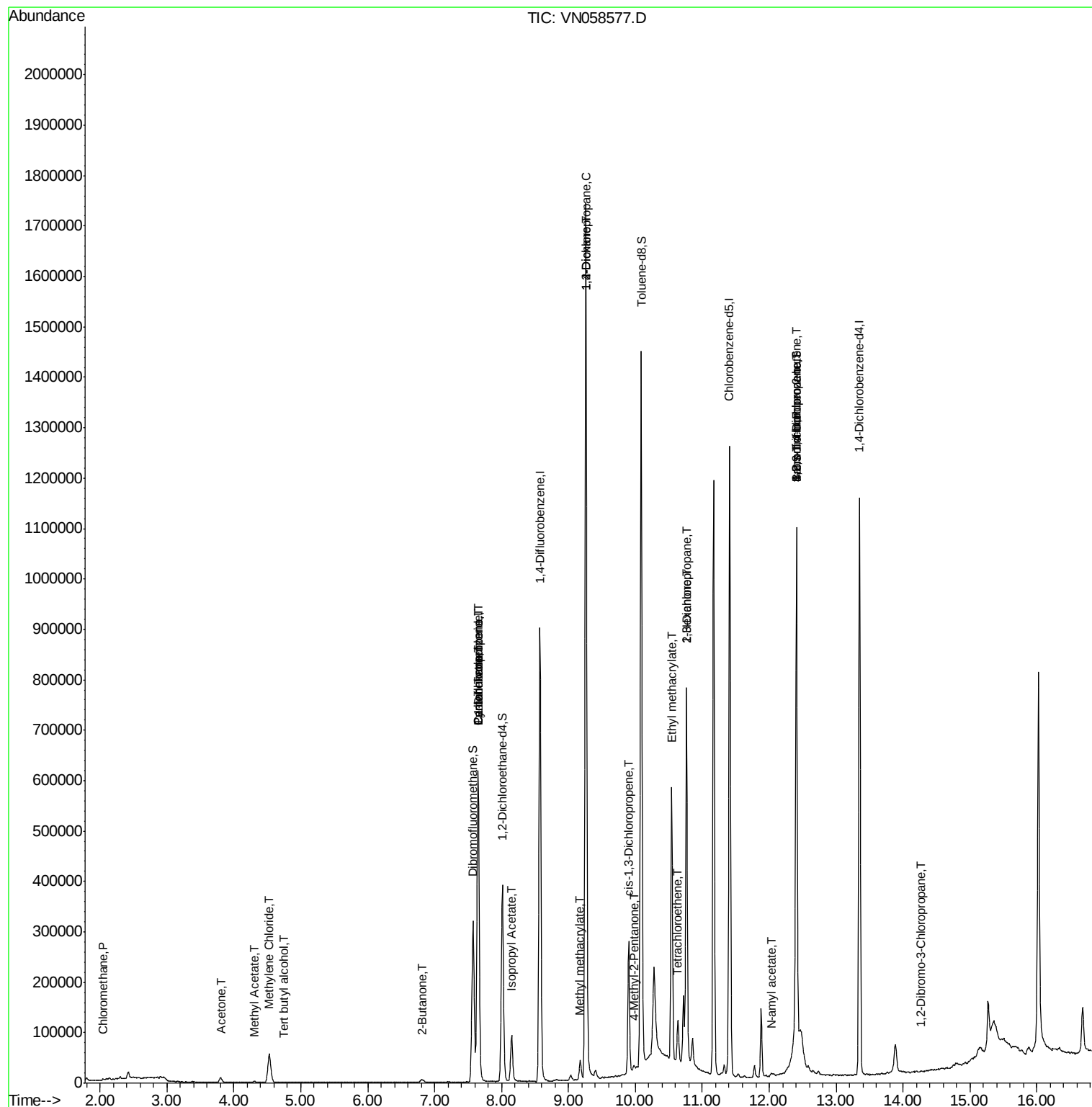
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1724	0.288	ug/l	96
11) Tert butyl alcohol	4.75	59	369	0.458	ug/l #	71
16) Acetone	3.80	43	16038	6.490	ug/l	94
18) Methyl Acetate	4.30	43	3544	0.570	ug/l #	64
20) Methylene Chloride	4.53	84	41876	7.343	ug/l	93
25) 2-Butanone	6.82	43	2946	0.868	ug/l	92
31) Cyclohexane	7.65	56	11011	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	40836	5.409	ug/l #	51
38) Carbon Tetrachloride	7.65	117	49821	7.311	ug/l #	17
43) Isopropyl Acetate	8.15	43	107910	8.965	ug/l	98
45) 1,2-Dichloropropane	9.26	63	1914	0.329	ug/l #	43
48) Methyl methacrylate	9.17	41	6141	1.120	ug/l #	13
49) 1,4-Dioxane	9.26	88	252	3.439	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7808	1.263	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	46354	5.494	ug/l #	60
56) Ethyl methacrylate	10.54	69	1679	0.222	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7662	0.864	ug/l #	43
59) 2-Hexanone	10.76	43	113504	25.213	ug/l #	53
60) Dibromochloromethane	11.17	129	58	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1582	0.354	ug/l	89
71) Bromoform	12.41	173	2083	1.326	ug/l #	1
74) N-amyl acetate	12.03	43	4042	0.469	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	177073	33.046	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	177073	100.366	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.26	75	379	0.335	ug/l #	5
96) 1,2,3-Trichlorobenzene	15.30	180	30	Below Cal	#	1

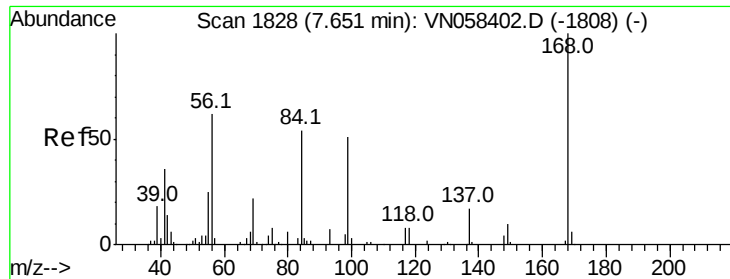
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
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: VN058577.D

Acq: 7 Oct 2019 19:21

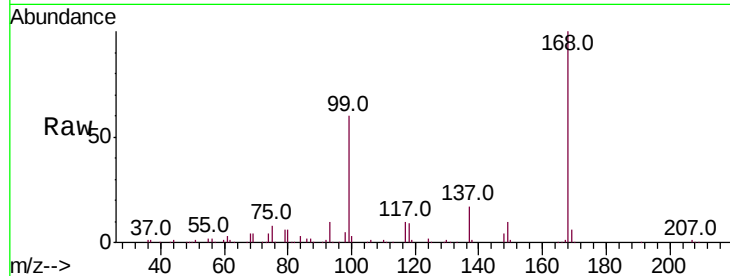
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 496072

Ion Ratio Lower Upper

168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

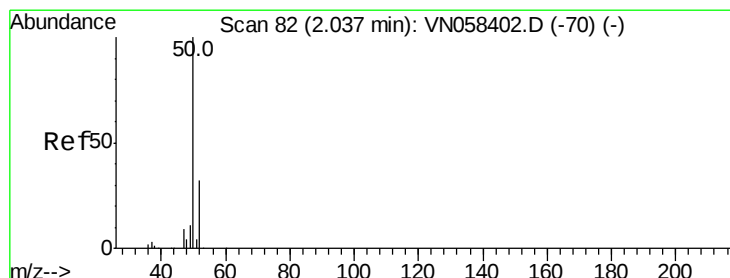
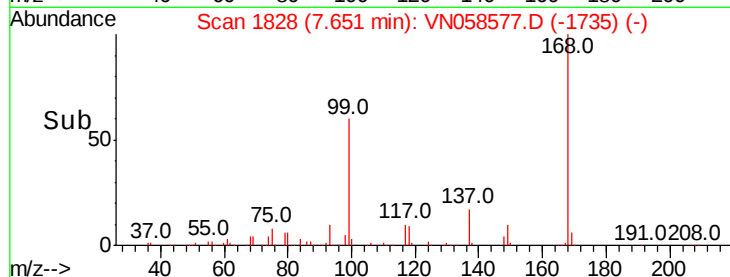
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.288 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058577.D

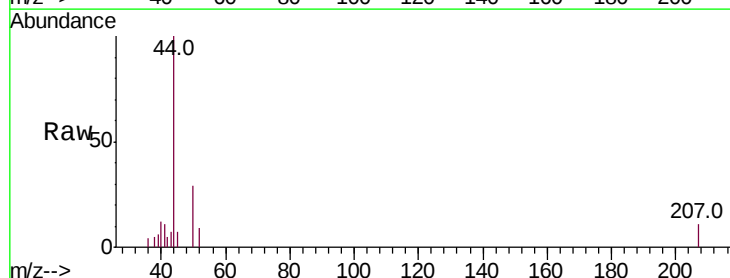
Acq: 7 Oct 2019 19:21

Tgt Ion: 50 Resp: 1724

Ion Ratio Lower Upper

50 100

52 30.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

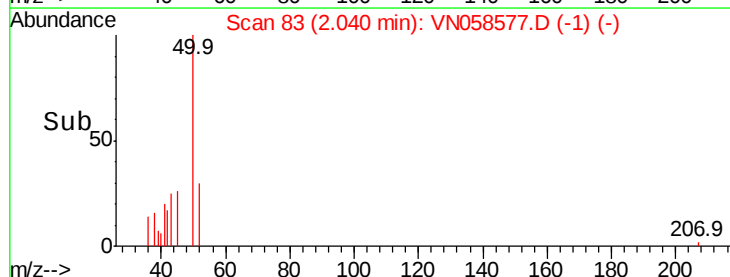
2.04

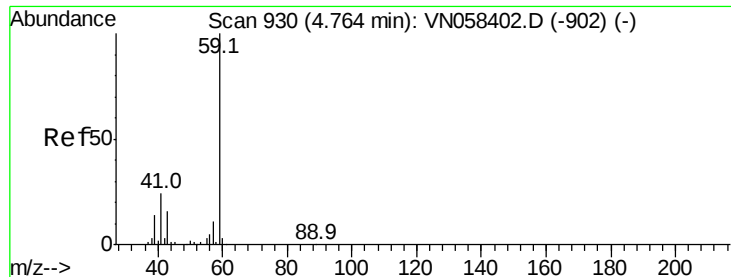
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 0.458 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.01 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

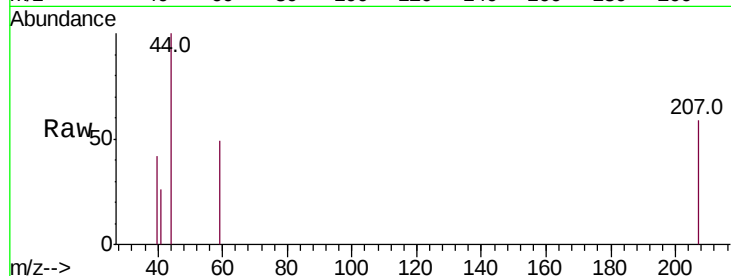
ClientSampleId :

Tot Ion: 59 Resp: 369

Ion Ratio Lower Upper

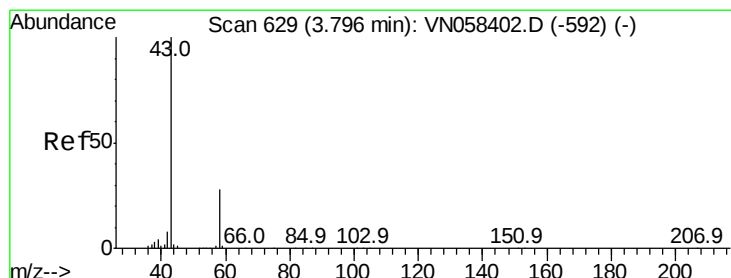
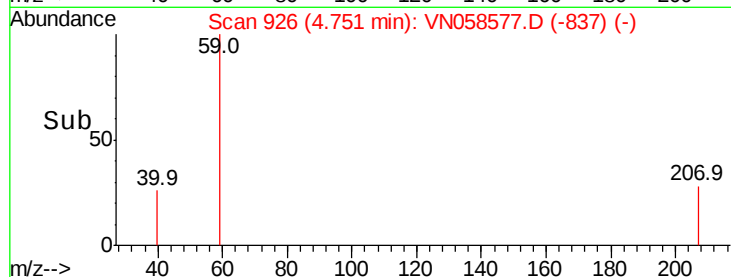
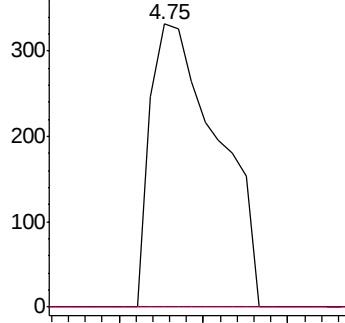
59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#16

Acetone

Concen: 6.490 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058577.D

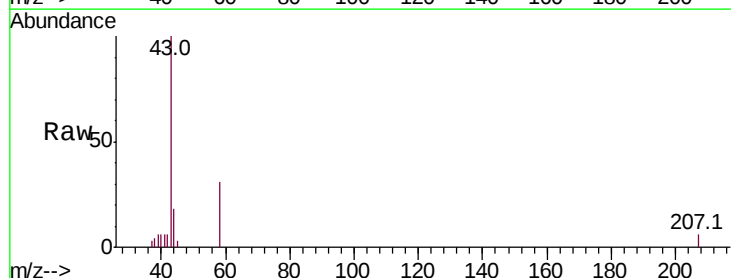
Acq: 7 Oct 2019 19:21

Tgt Ion: 43 Resp: 16038

Ion Ratio Lower Upper

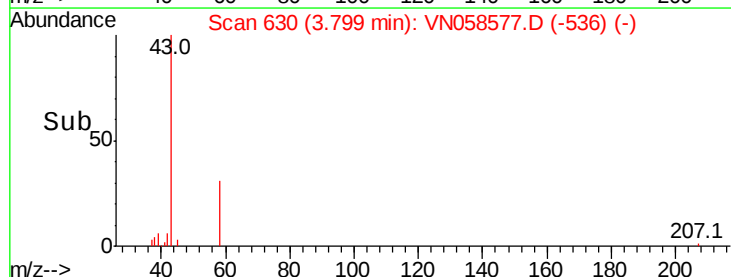
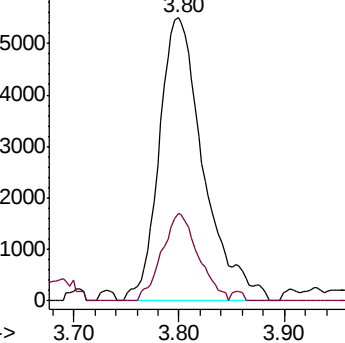
43 100

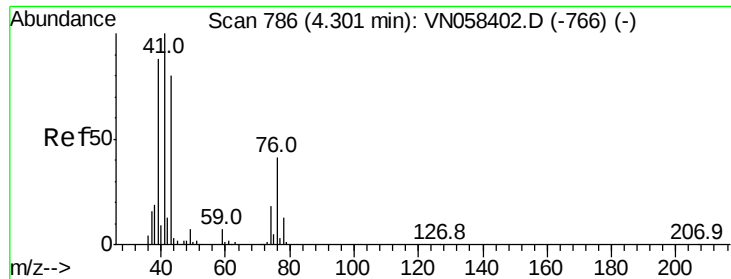
58 30.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

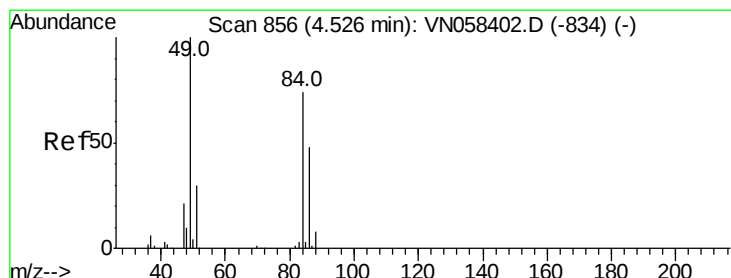
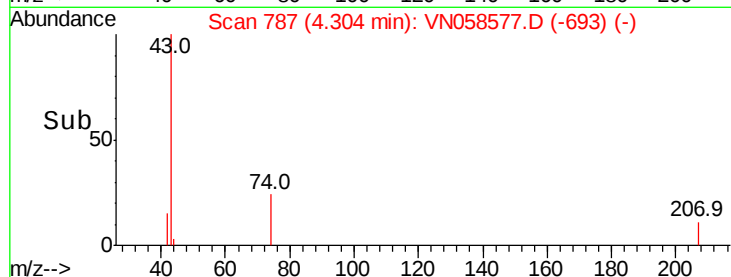
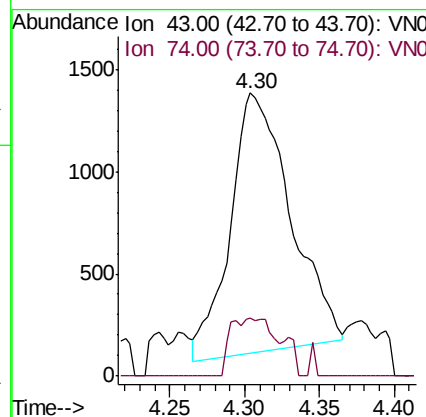
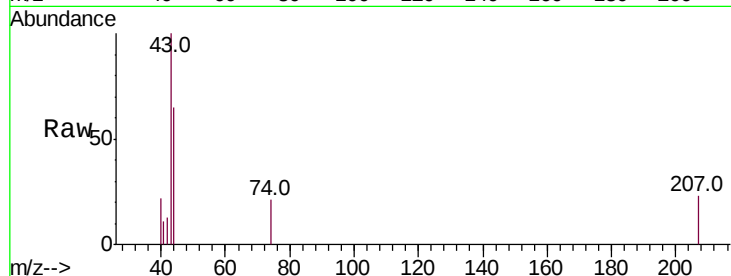




#18
Methyl Acetate
Concen: 0.570 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

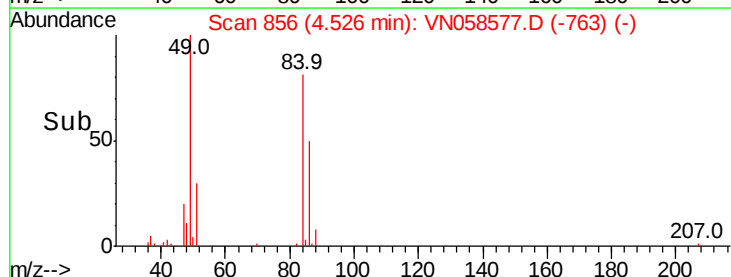
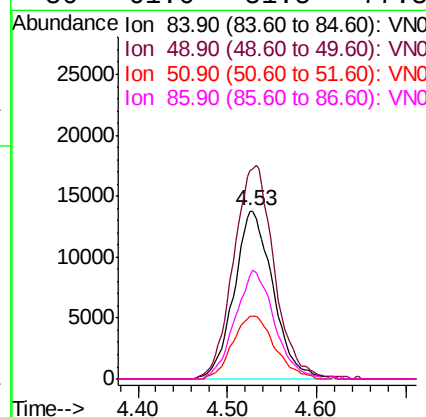
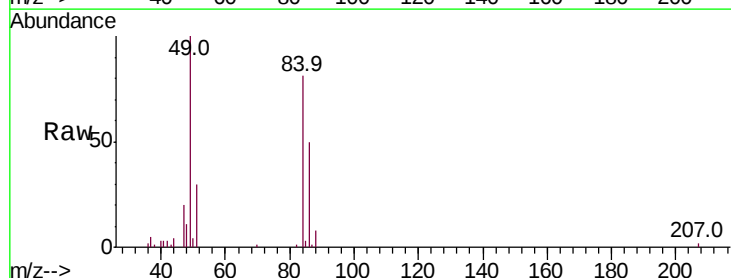
Instrument :
MSVOA_N
ClientSampleId :

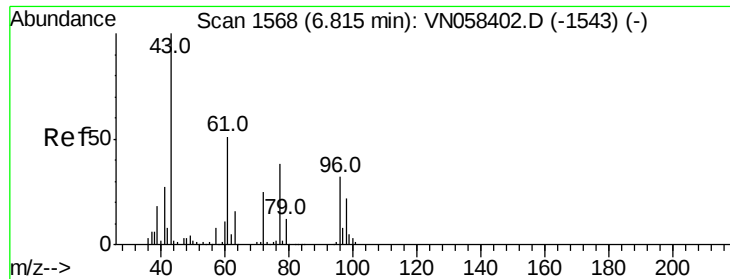
Tot Ion: 43 Resp: 3544
Ion Ratio Lower Upper
43 100
74 5.2 18.0 27.0#



#20
Methylene Chloride
Concen: 7.343 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Tgt Ion: 84 Resp: 41876
Ion Ratio Lower Upper
84 100
49 124.2 107.9 161.9
51 37.2 32.8 49.2
86 61.6 51.5 77.3

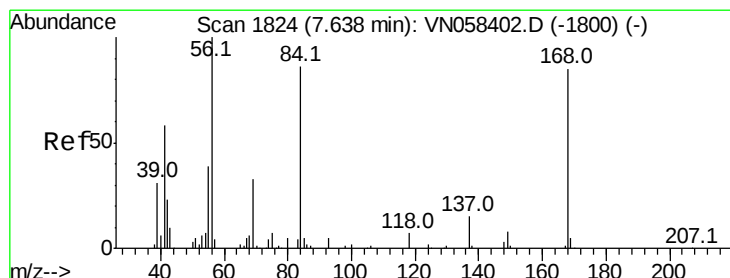
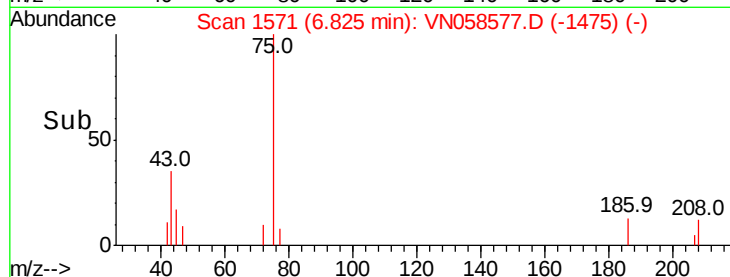
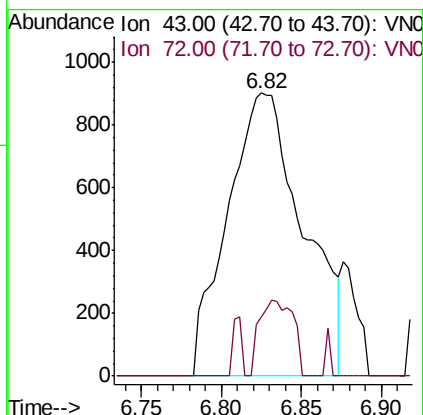
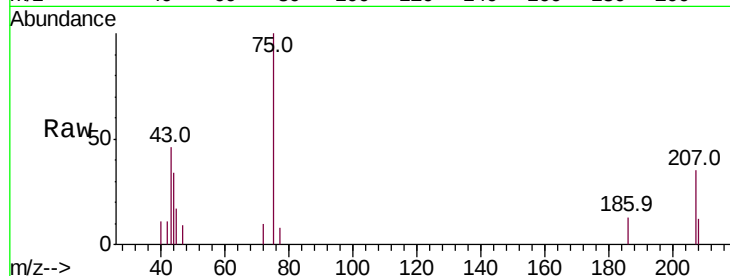




#25
2-Butanone
Concen: 0.868 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

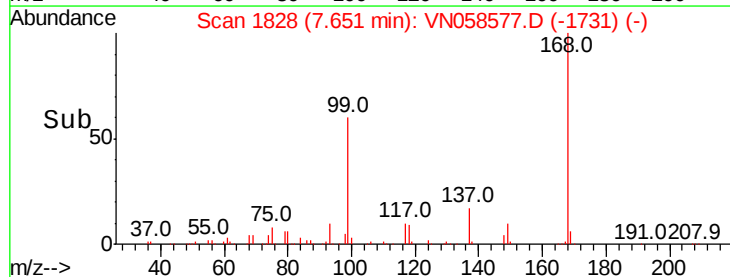
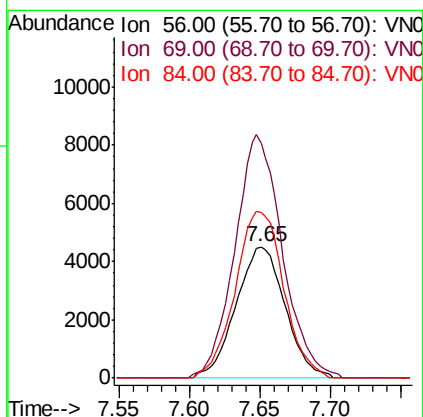
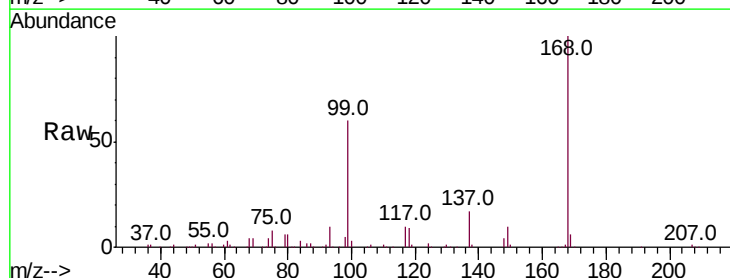
Instrument :
MSVOA_N
ClientSampled :

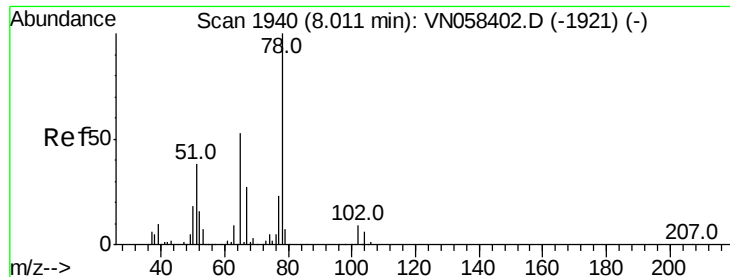
Tot Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
72 21.2 20.2 30.4



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Tgt Ion: 56 Resp: 11011
Ion Ratio Lower Upper
56 100
69 178.9 26.2 39.4#
84 126.1 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 46.723 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

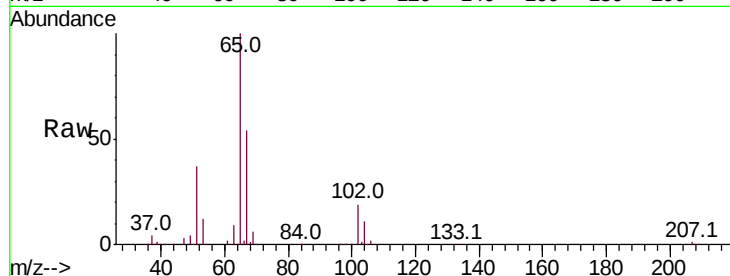
ClientSampleId :

Tot Ion: 65 Resp: 338707

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

150000

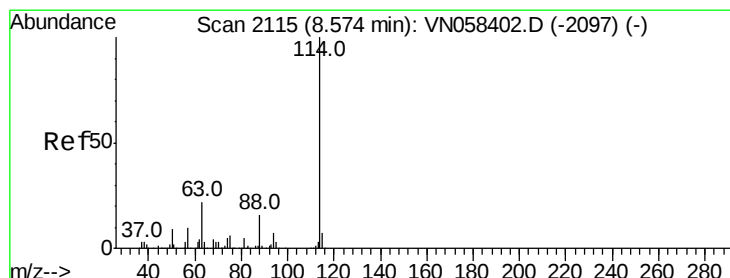
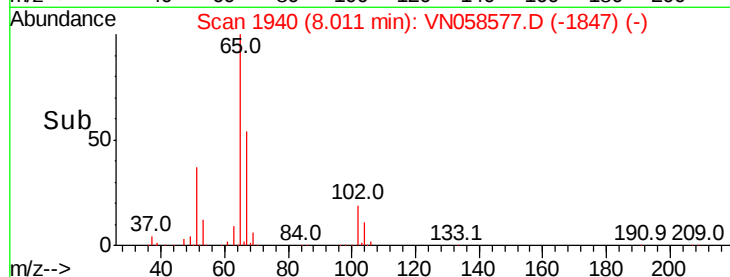
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50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

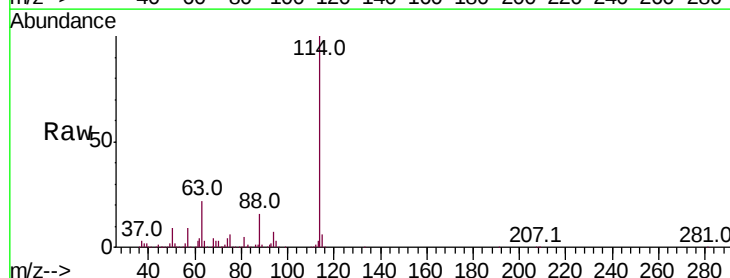
Tgt Ion: 114 Resp: 789527

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

500000

400000

300000

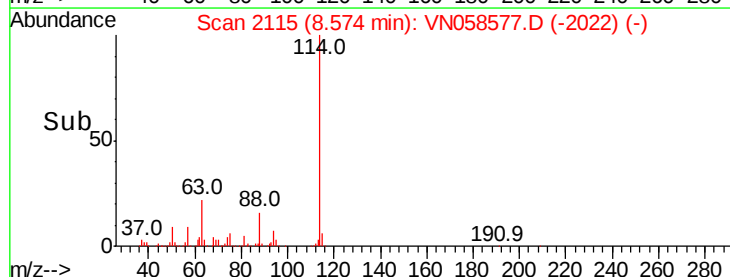
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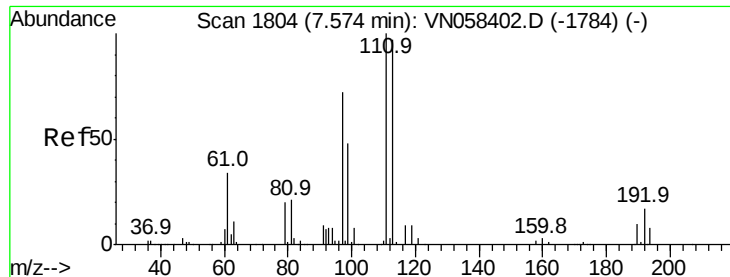
100000

0

Time-->

8.50 8.60 8.70

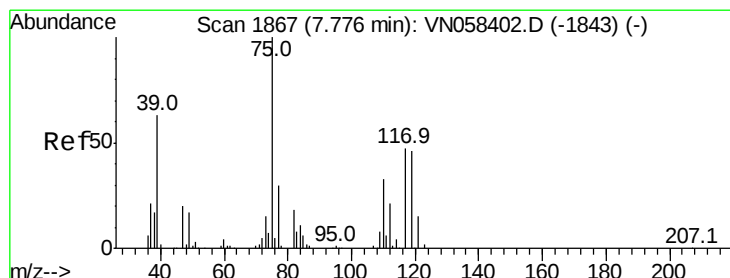
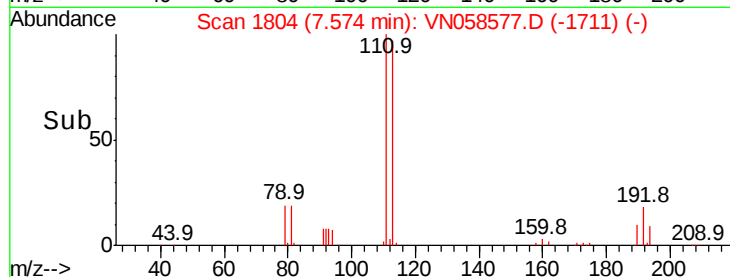
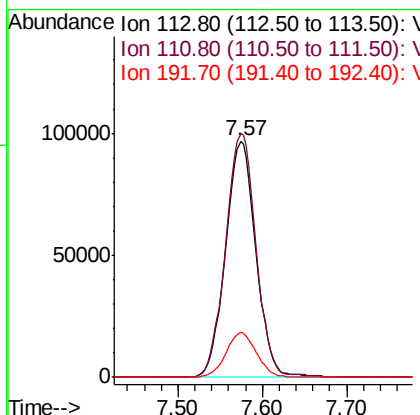
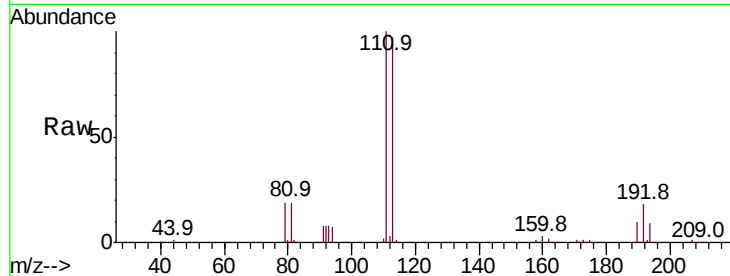




#35
 Dibromofluoromethane
 Concen: 49.988 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058577.D
 Acq: 7 Oct 2019 19:21

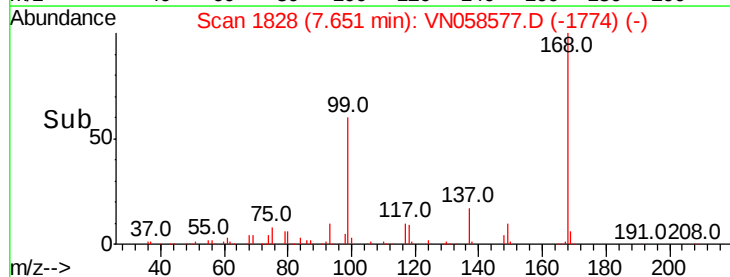
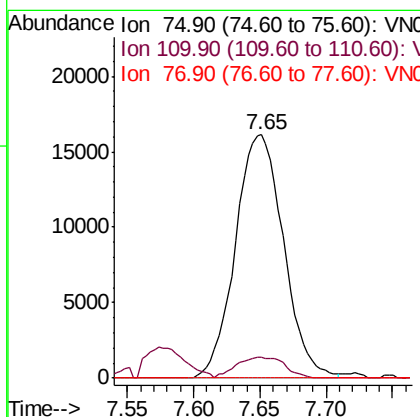
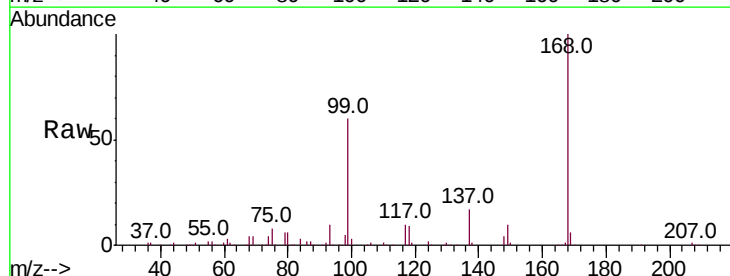
Instrument :
 MSVOA_N
 ClientSampled :

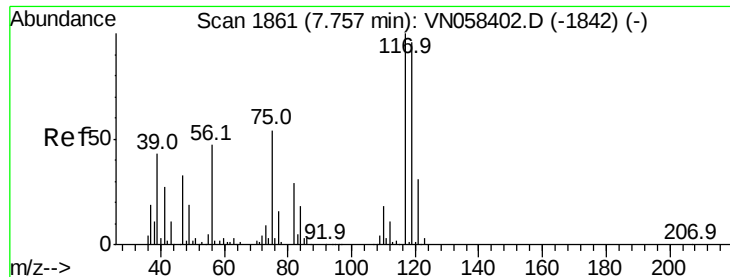
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	19.1	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 5.409 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058577.D
 Acq: 7 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.2#
77	0.0	24.3	36.5#

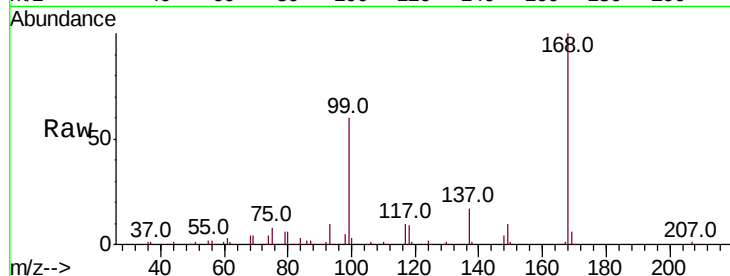




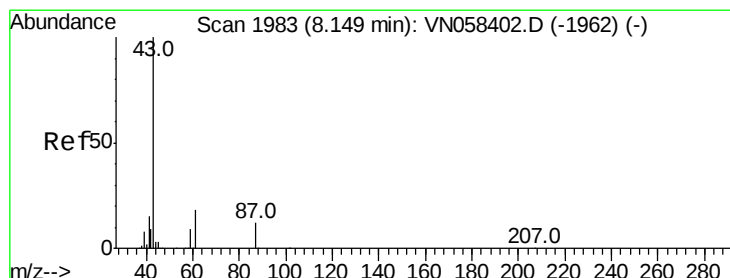
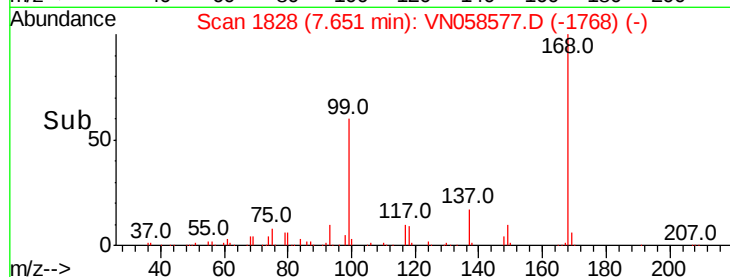
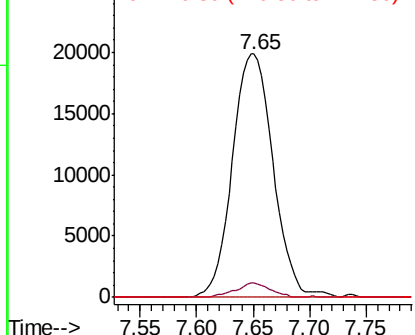
#38
Carbon Tetrachloride
Concen: 7.311 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 49821
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 24.7 37.1#

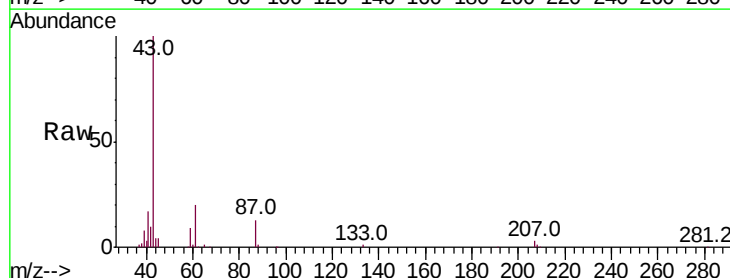


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

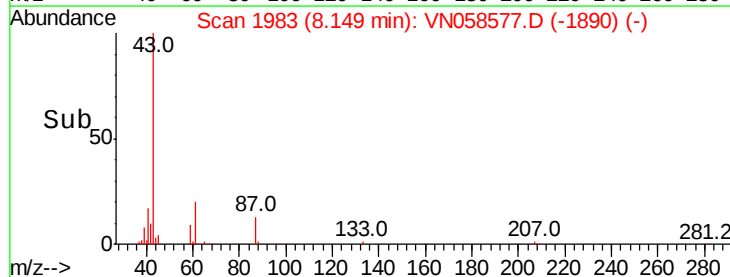
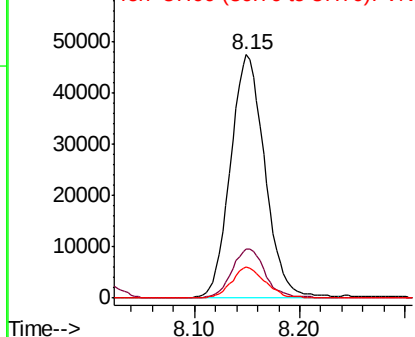


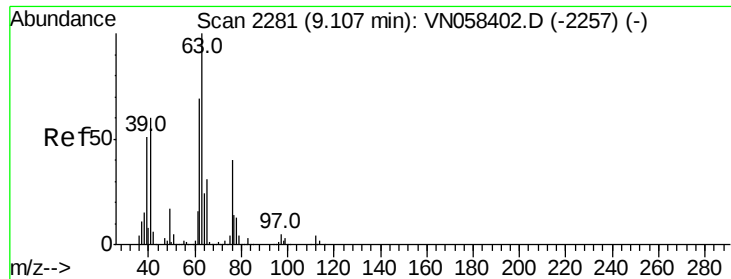
#43
Isopropyl Acetate
Concen: 8.965 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Tgt Ion: 43 Resp: 107910
Ion Ratio Lower Upper
43 100
61 19.8 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: 0.329 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

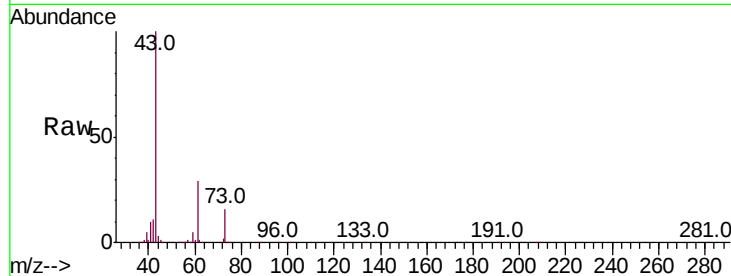
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 1914

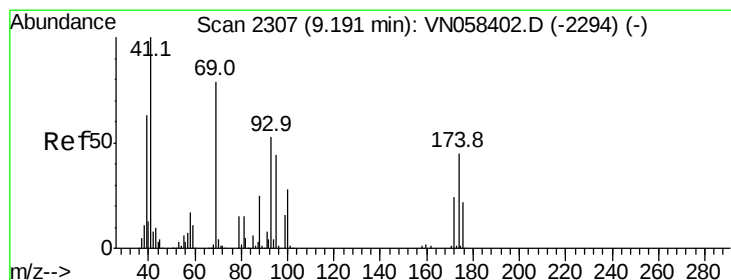
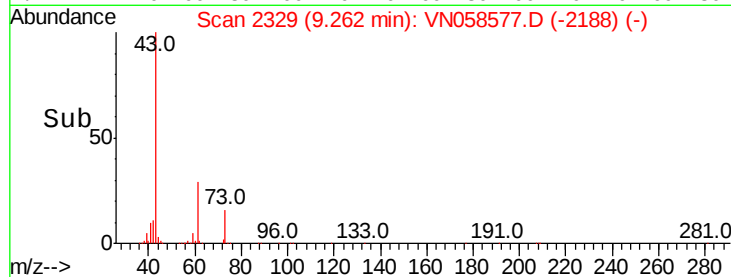
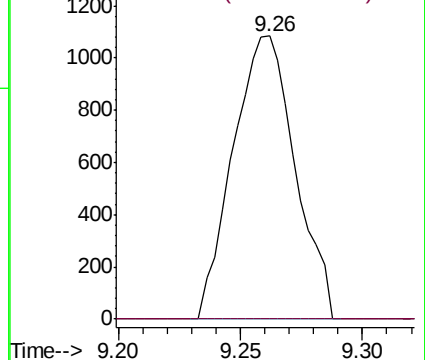
Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.120 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

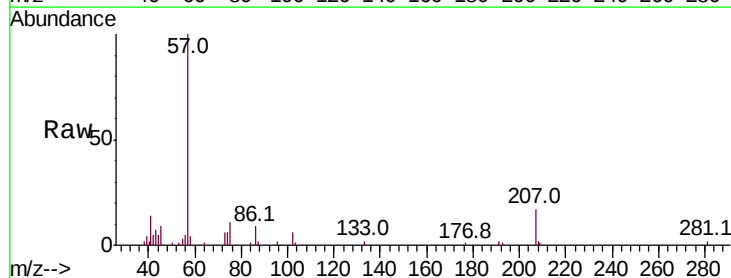
Tgt Ion: 41 Resp: 6141

Ion Ratio Lower Upper

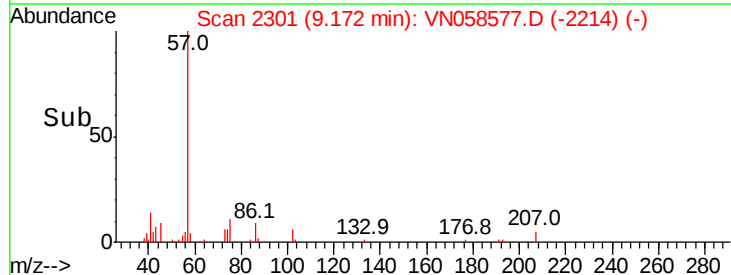
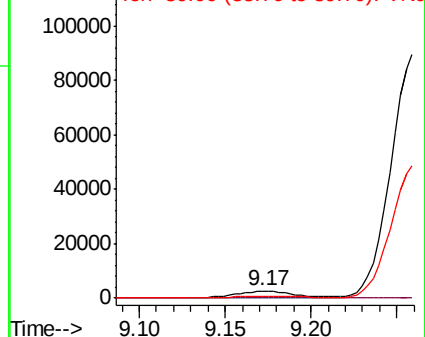
41 100

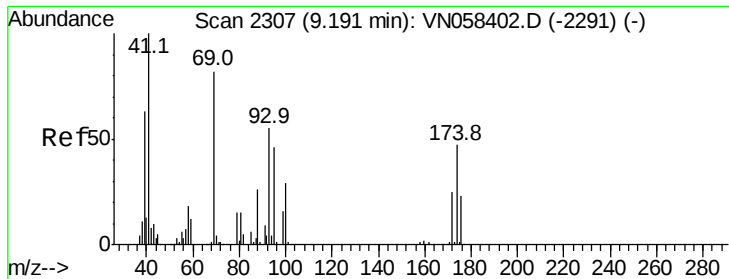
69 0.0 64.7 97.1#

39 0.0 52.9 79.3#



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





#49

1,4-Dioxane

Concen: 3.439 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

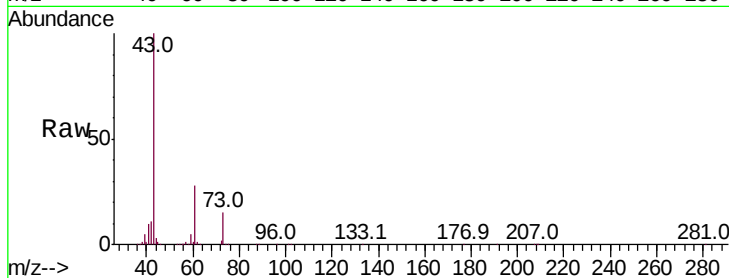
Tot Ion: 88 Resp: 252

Ion Ratio Lower Upper

88 100

43 699688.9 31.1 46.7#

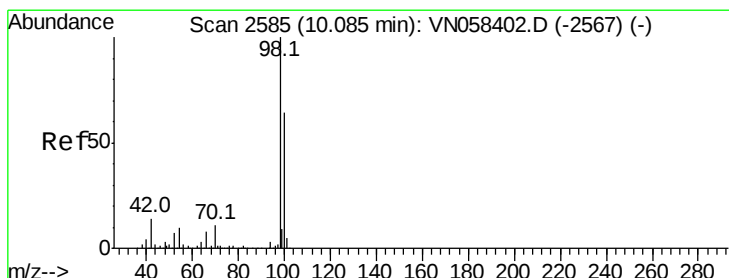
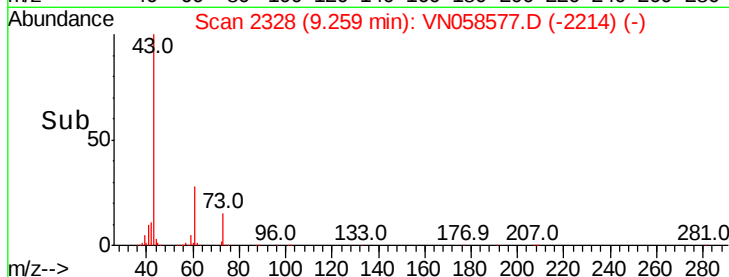
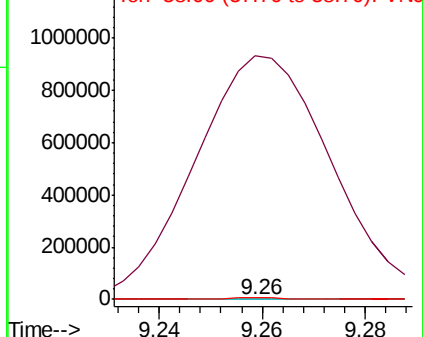
58 3096.8 58.1 87.1#



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: 52.037 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058577.D

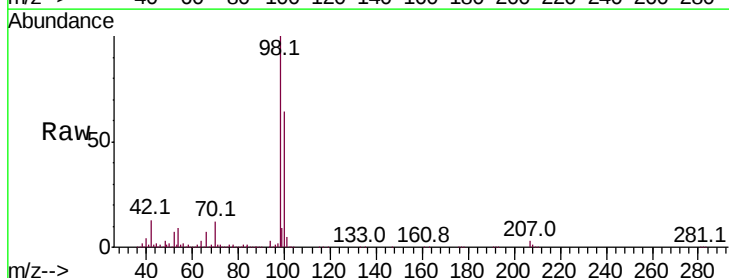
Acq: 7 Oct 2019 19:21

Tgt Ion: 98 Resp: 986411

Ion Ratio Lower Upper

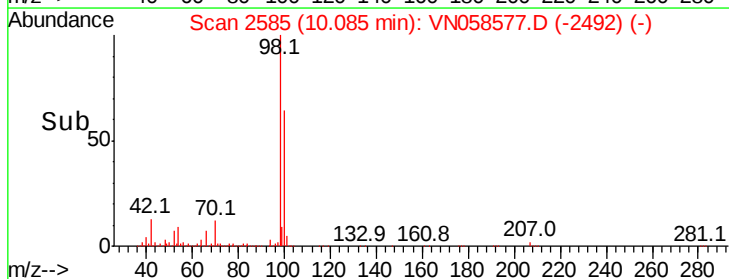
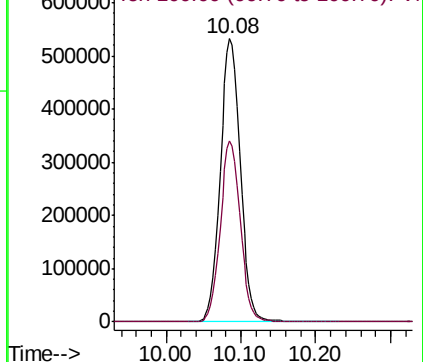
98 100

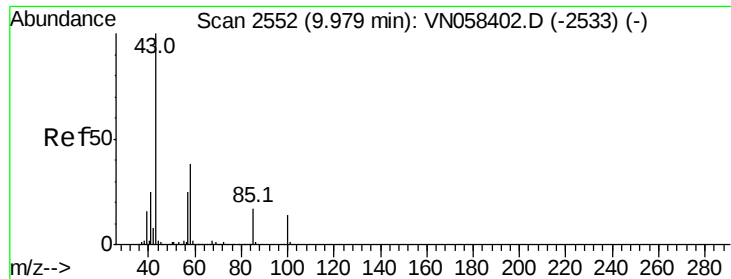
100 63.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.263 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

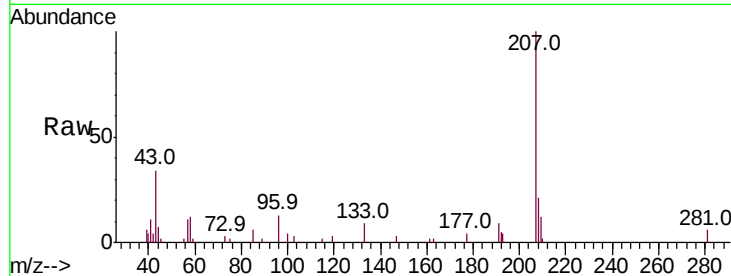
ClientSampleId :

Tot Ion: 43 Resp: 7808

Ion Ratio Lower Upper

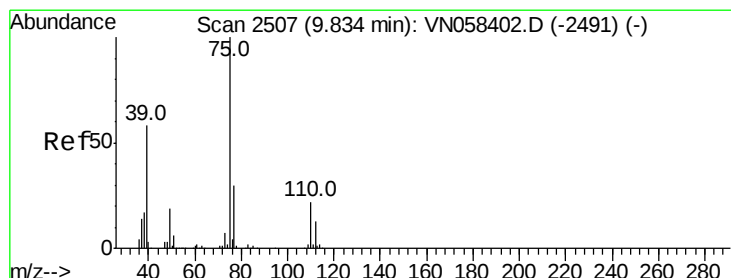
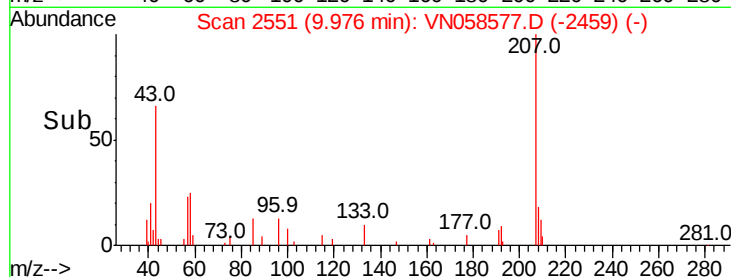
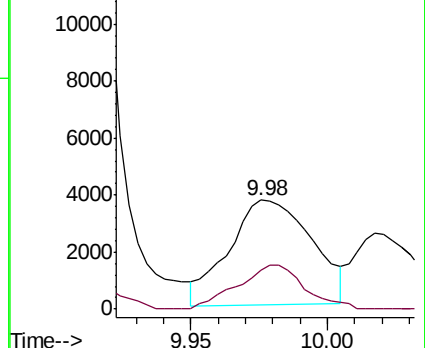
43 100

58 33.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.494 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

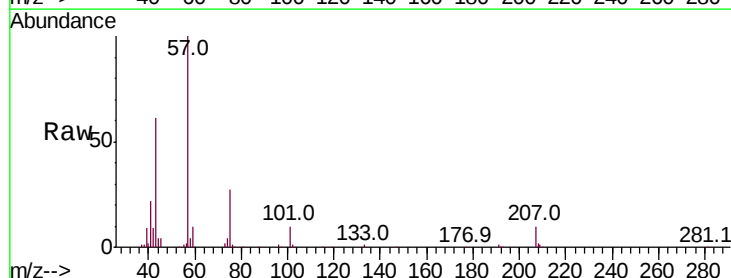
Tgt Ion: 75 Resp: 46354

Ion Ratio Lower Upper

75 100

77 0.9 24.2 36.4#

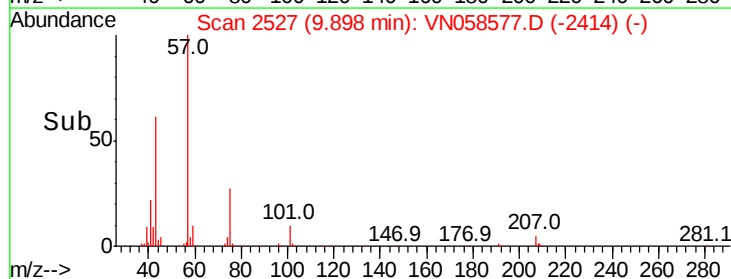
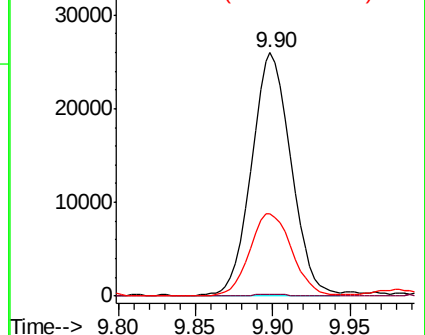
39 33.7 46.4 69.6#

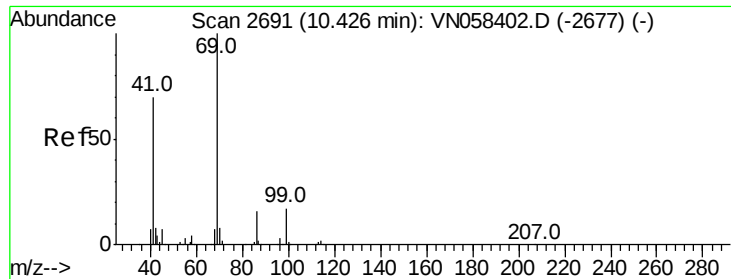


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.222 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

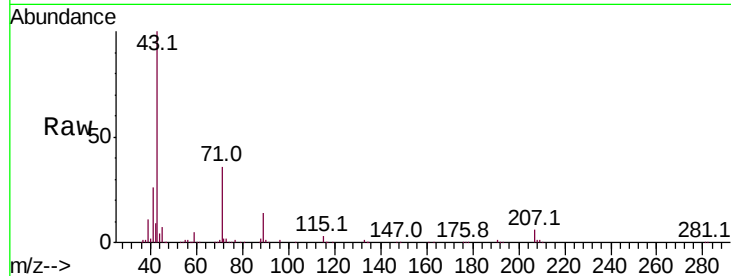
Tot Ion: 69 Resp: 1679

Ion Ratio Lower Upper

69 100

41 6230.6 56.3 84.5#

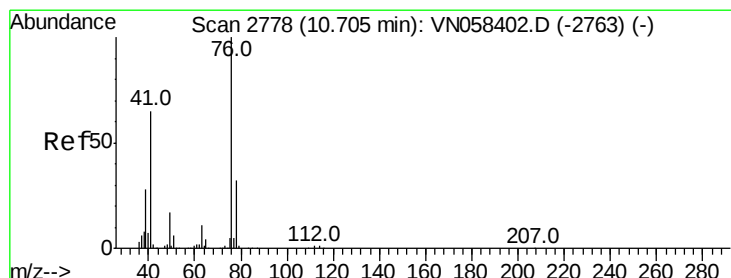
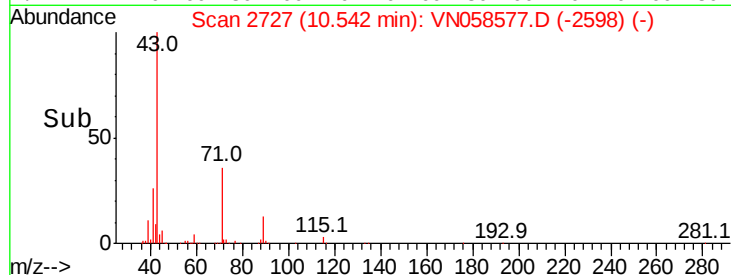
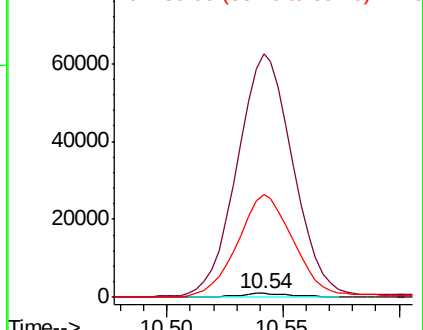
39 2673.3 35.8 53.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.864 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058577.D

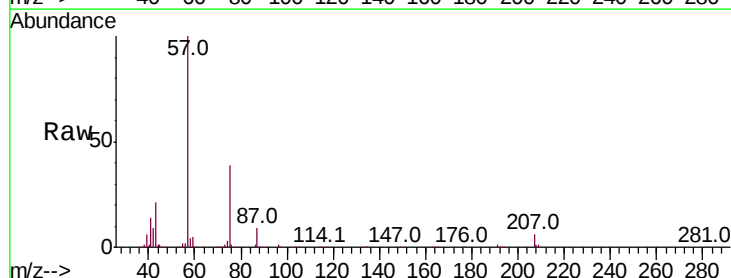
Acq: 7 Oct 2019 19:21

Tgt Ion: 76 Resp: 7662

Ion Ratio Lower Upper

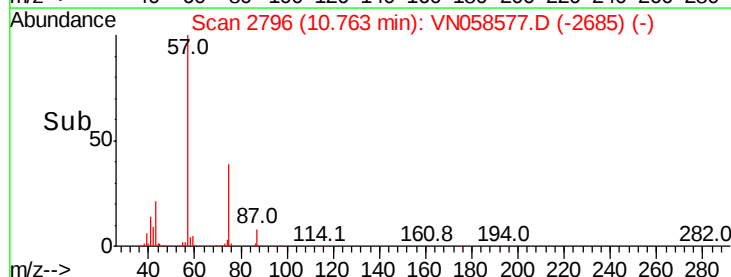
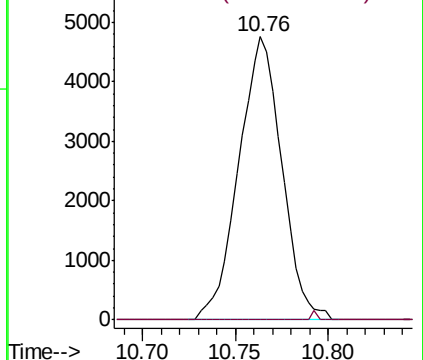
76 100

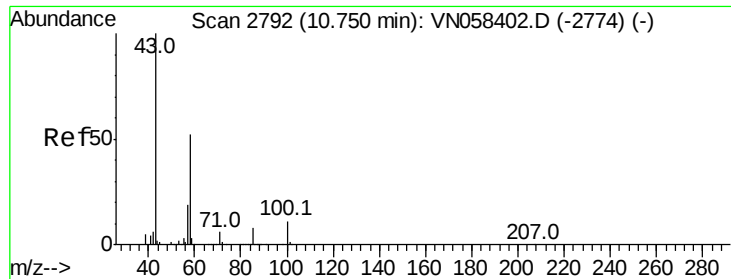
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

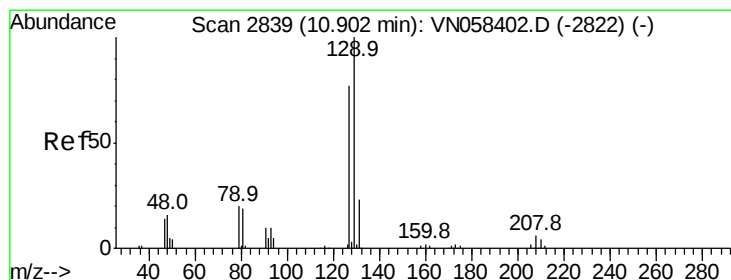
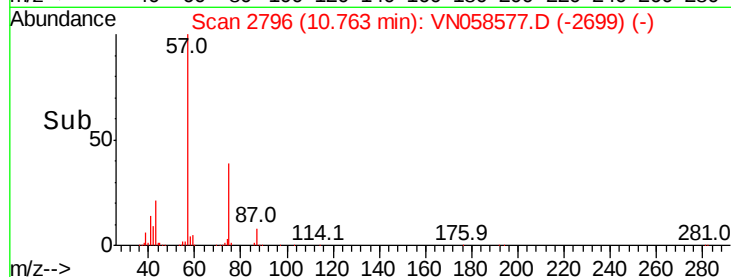
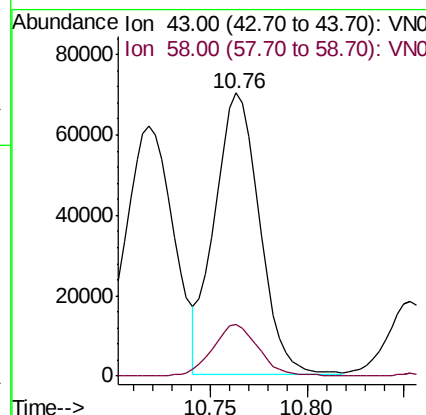
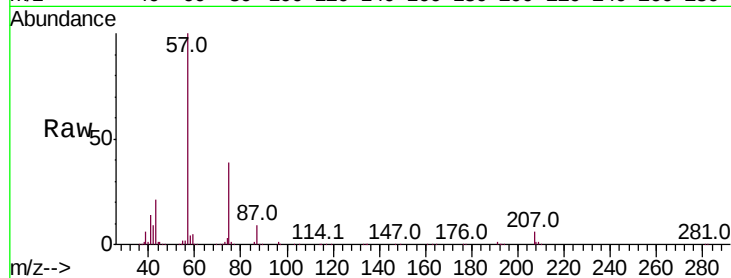




#59
2-Hexanone
Concen: 25.213 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

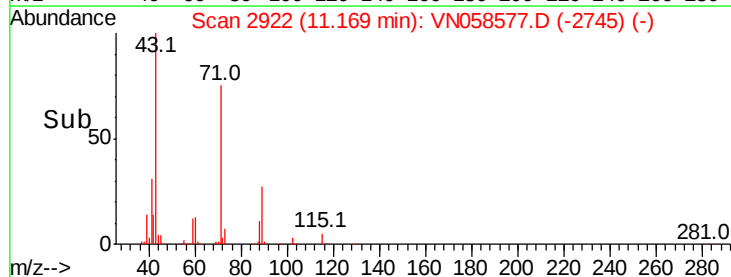
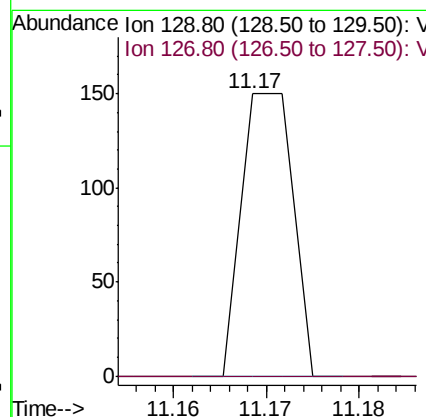
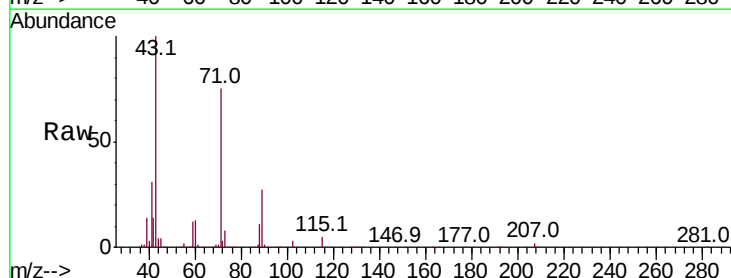
Instrument :
MSVOA_N
ClientSampled :

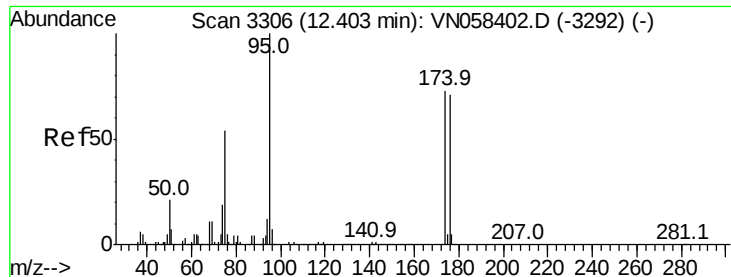
Tot Ion: 43 Resp: 113504
Ion Ratio Lower Upper
43 100
58 18.9 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 11.17 min Scan# 2922
Delta R.T. 0.27 min
Lab File: VN058577.D
Acq: 7 Oct 2019 19:21

Tgt Ion:129 Resp: 58
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 49.311 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

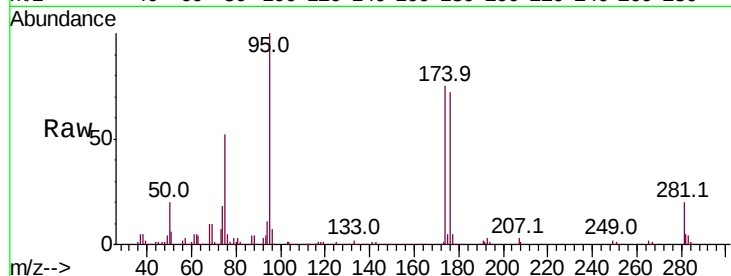
Tot Ion: 95 Resp: 337988

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.2 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) (-)

12.41

250000

200000

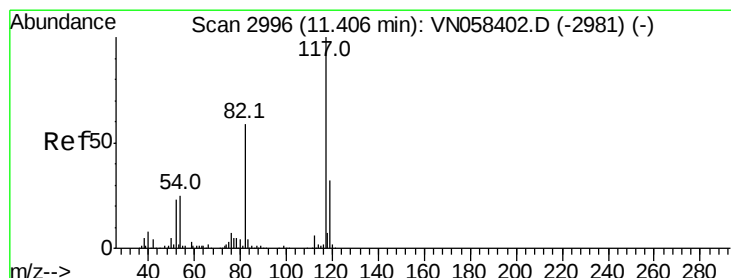
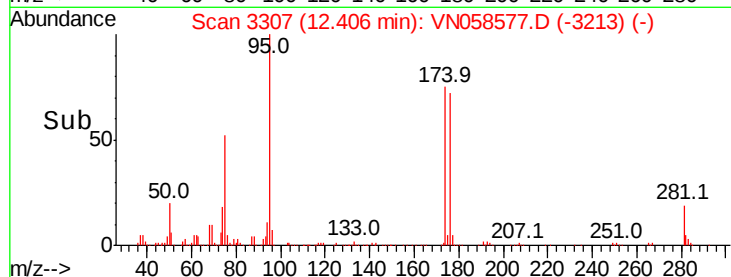
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

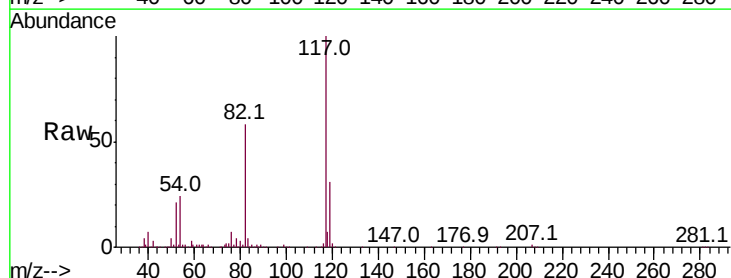
Tgt Ion: 117 Resp: 703419

Ion Ratio Lower Upper

117 100

82 58.0 47.4 71.0

119 31.4 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) (-)

11.41

500000

400000

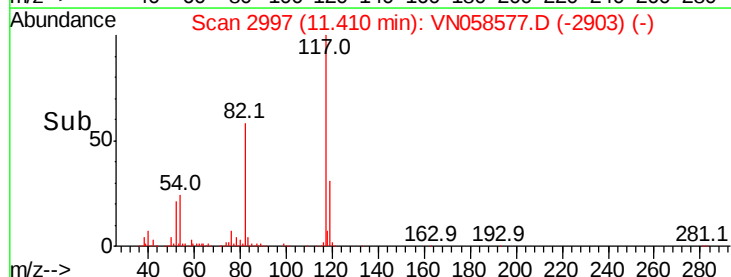
300000

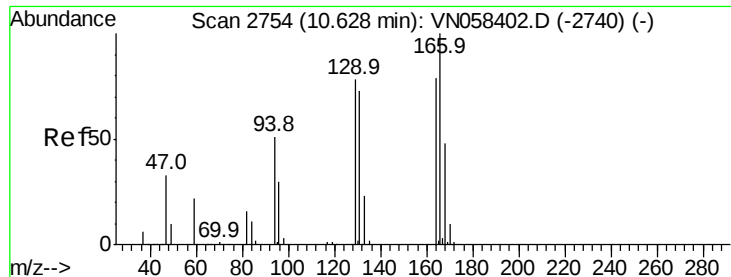
200000

100000

0

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 0.354 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 1582

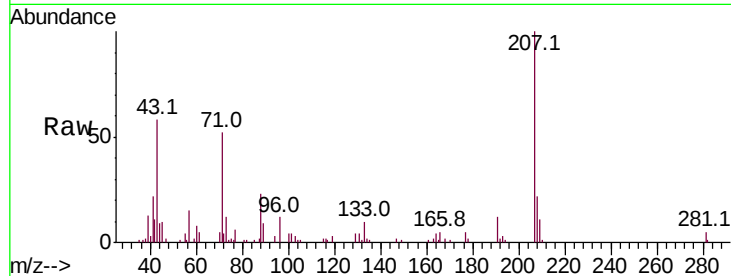
Ion Ratio Lower Upper

164 100

166 111.1 101.1 151.7

129 104.2 79.2 118.8

131 105.9 74.1 111.1

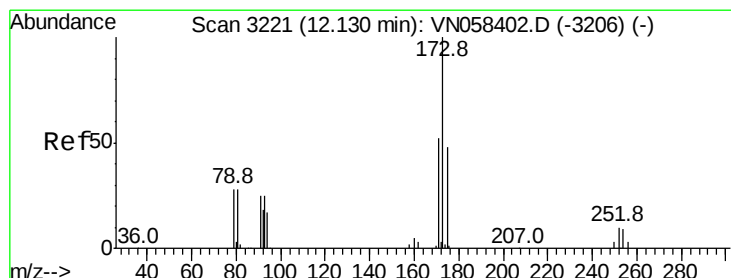
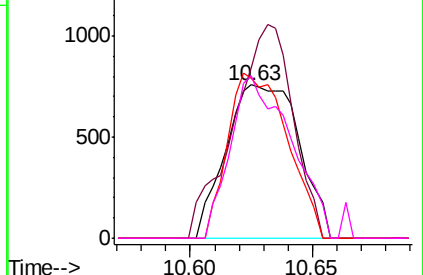
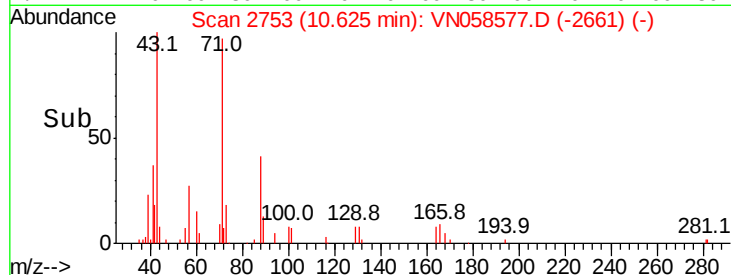


Abundance Ion 163.80 (163.50 to 164.50): V

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



#71

Bromoform

Concen: 1.326 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

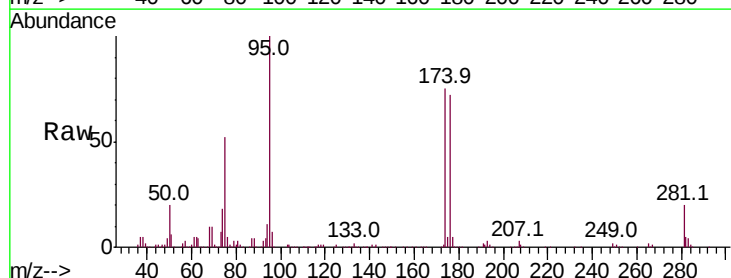
Tgt Ion:173 Resp: 2083

Ion Ratio Lower Upper

173 100

175 754.3 24.3 73.0#

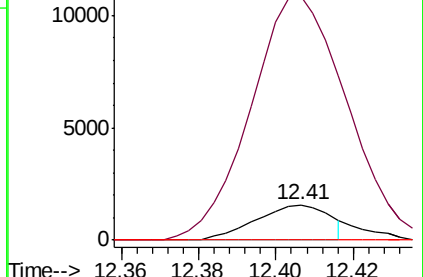
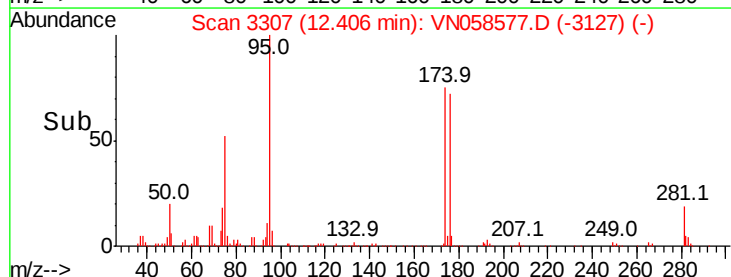
254 0.0 0.1 0.1#

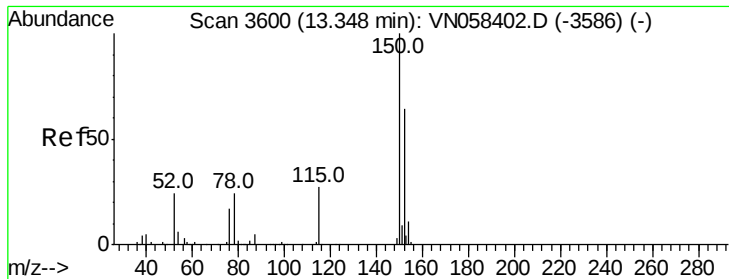


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

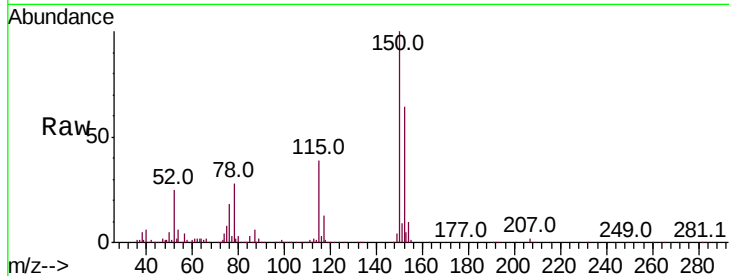
Tot Ion:152 Resp: 293364

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

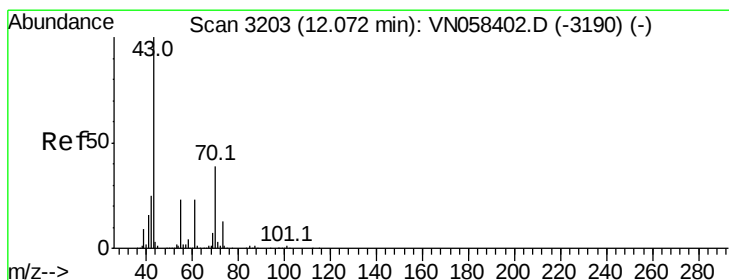
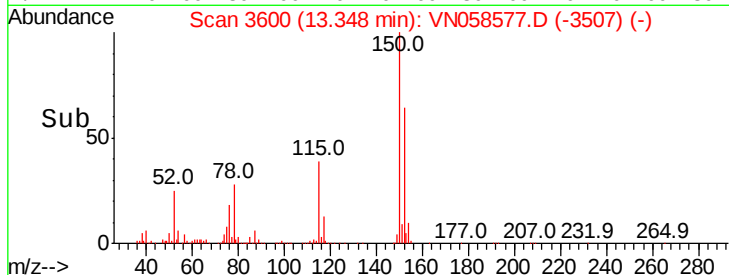
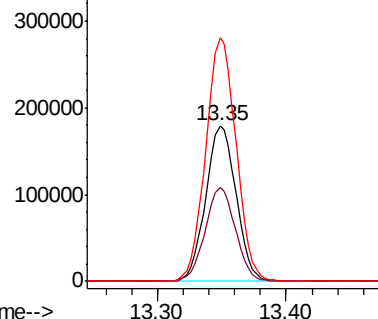
150 156.3 0.0 348.2



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: 0.469 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Tgt Ion: 43 Resp: 4042

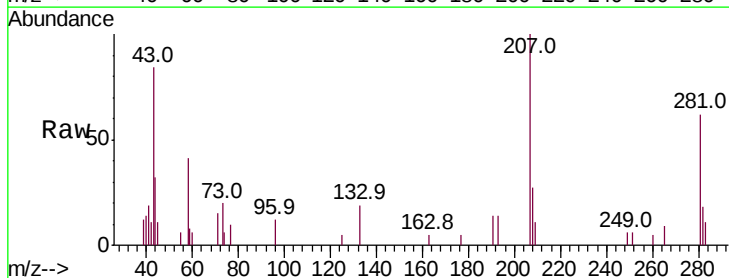
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 7.0 18.2 27.4#

61 0.0 18.3 27.5#

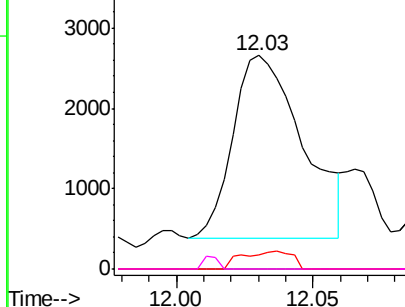
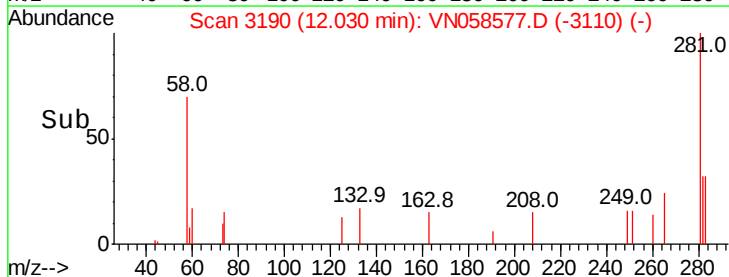


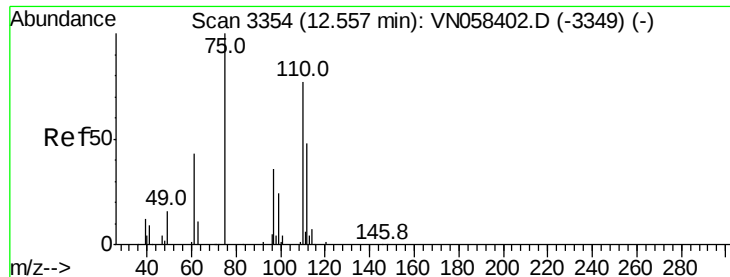
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 33.046 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

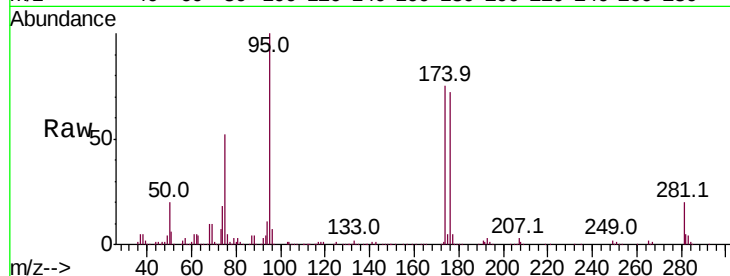
ClientSampleId :

Tot Ion: 75 Resp: 177073

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

120000

100000

80000

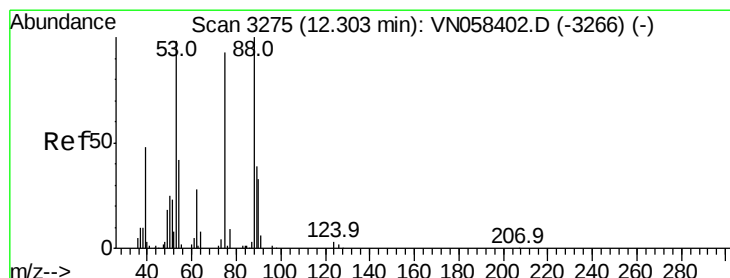
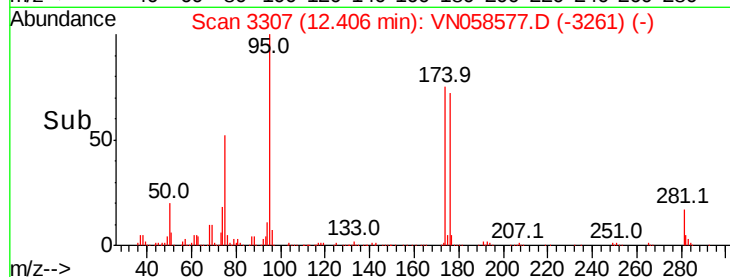
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 100.366 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

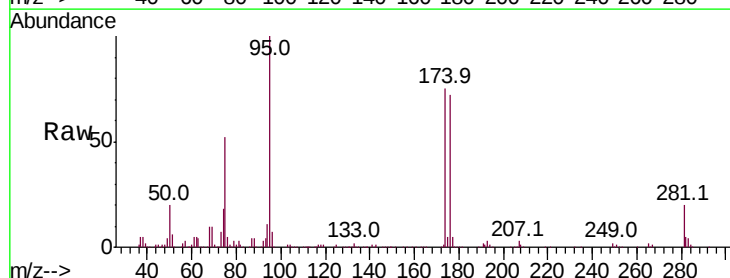
Tgt Ion: 75 Resp: 177073

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): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

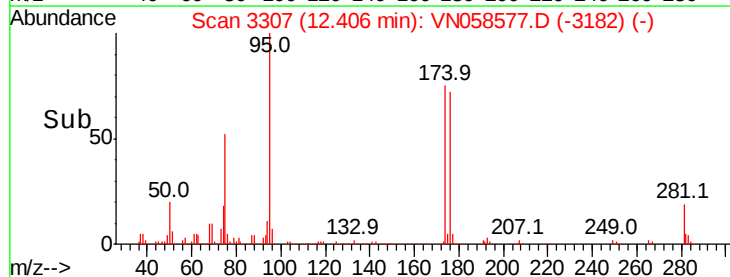
12.41

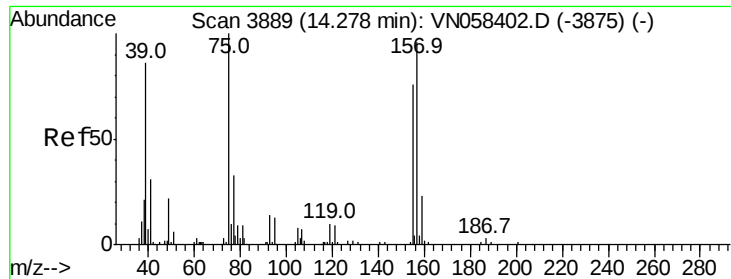
100000

50000

0

Time--> 12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.335 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN058577.D

Acq: 7 Oct 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 379

Ion Ratio Lower Upper

75 100

155 0.0 39.2 117.6#

157 0.0 48.7 146.1#

