

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058582.D
 Acq On : 7 Oct 2019 21:12
 Operator : JC/SP
 Sample : K5230-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 14:08:17 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	480959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	763703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	669970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279727	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	328464	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	7.57	113	236863	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.08	98	949379	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.41	95	317675	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

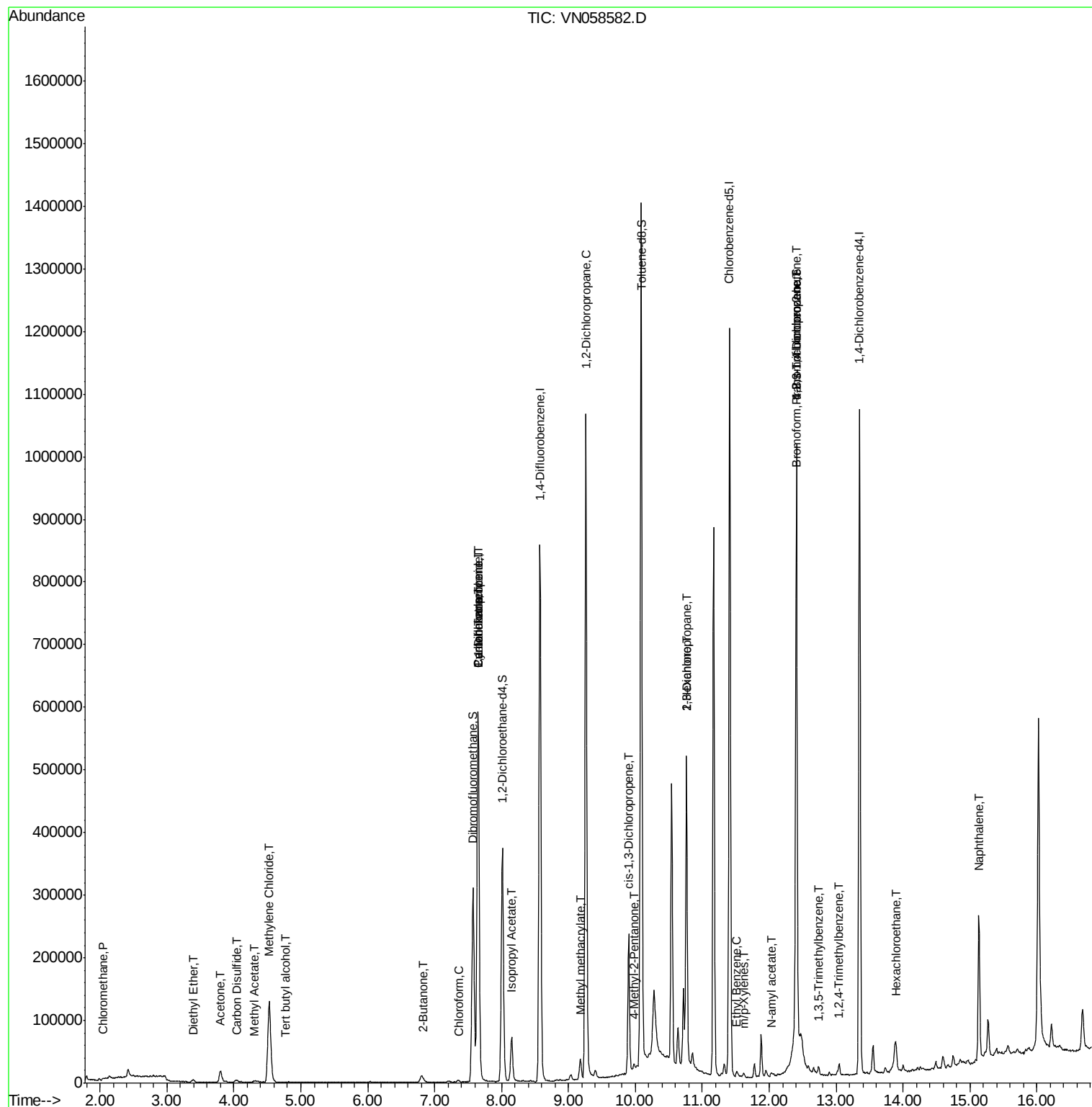
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1616	0.279	ug/l	90
8) Diethyl Ether	3.40	74	1256	0.425	ug/l	65
11) Tert butyl alcohol	4.77	59	402	0.515	ug/l #	71
16) Acetone	3.80	43	32050	13.377	ug/l	99
17) Carbon Disulfide	4.03	76	4054	0.339	ug/l #	92
18) Methyl Acetate	4.31	43	4667	0.774	ug/l #	70
20) Methylene Chloride	4.53	84	96435	17.441	ug/l	95
25) 2-Butanone	6.83	43	4522	1.375	ug/l	94
30) Chloroform	7.36	83	2994	0.295	ug/l	99
31) Cyclohexane	7.64	56	11122	1.143	ug/l #	18
36) 1,1-Dichloropropene	7.65	75	39460	5.404	ug/l #	51
38) Carbon Tetrachloride	7.65	117	47276	7.172	ug/l #	16
43) Isopropyl Acetate	8.15	43	83922	7.208	ug/l	99
45) 1,2-Dichloropropane	9.26	63	1272	0.226	ug/l #	43
48) Methyl methacrylate	9.17	41	5148	0.971	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	6064	1.014	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	38668	4.738	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	4868	0.567	ug/l #	46
59) 2-Hexanone	10.76	43	72198	16.580	ug/l #	55
60) Dibromochloromethane	10.90	129	158	Below Cal		92
67) Ethyl Benzene	11.51	91	5452	0.226	ug/l	92
68) m/p-Xylenes	11.62	106	1912	0.211	ug/l	89
71) Bromoform	12.39	173	130	0.736	ug/l #	29
74) N-amyl acetate	12.03	43	4990	0.607	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	166630	32.614	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	6698	0.387	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.41	75	166630	99.051	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	11205	0.646	ug/l	93
90) Hexachloroethane	13.90	117	869	0.342	ug/l #	11
95) Naphthalene	15.13	128	175487	12.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	31	Below Cal	#	1

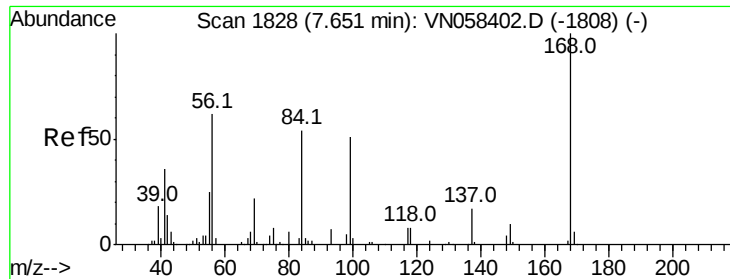
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058582.D

Acq: 7 Oct 2019 21:12

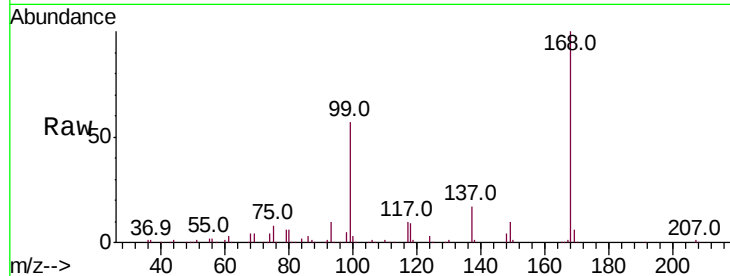
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 480959

Ion Ratio Lower Upper

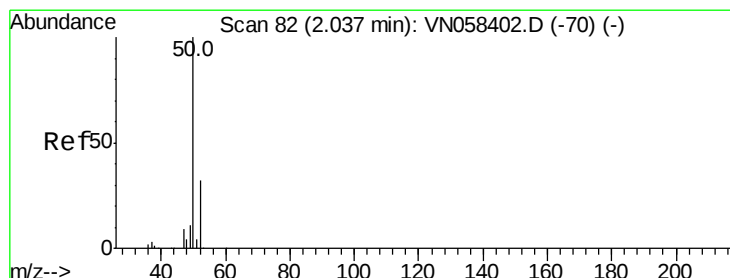
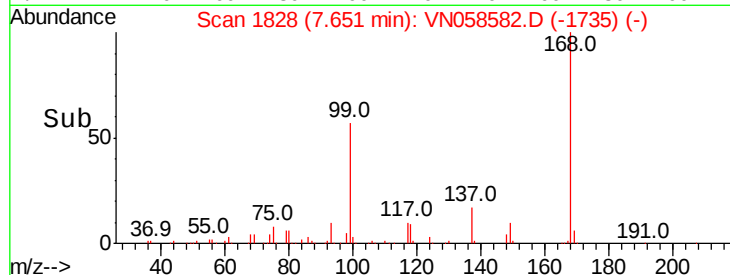
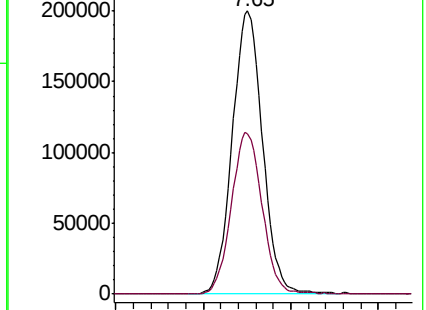
168 100

99 56.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.279 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058582.D

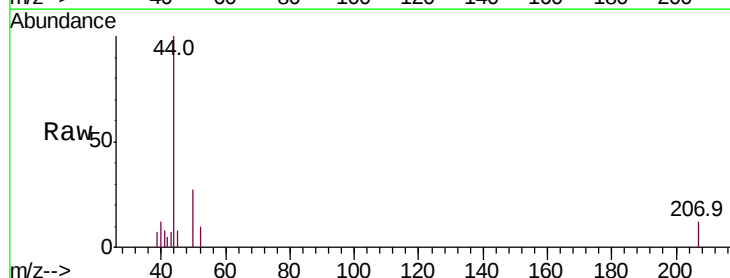
Acq: 7 Oct 2019 21:12

Tgt Ion: 50 Resp: 1616

Ion Ratio Lower Upper

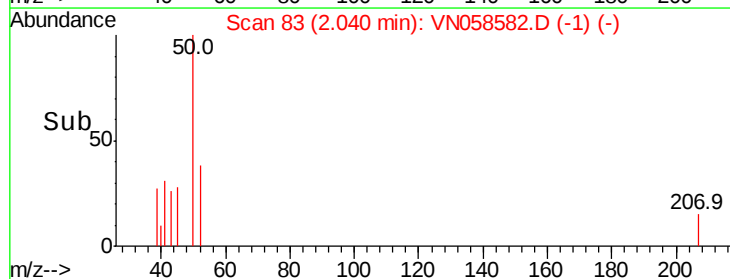
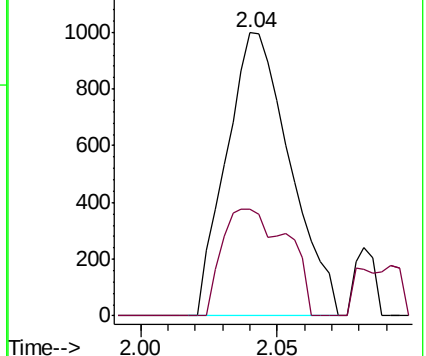
50 100

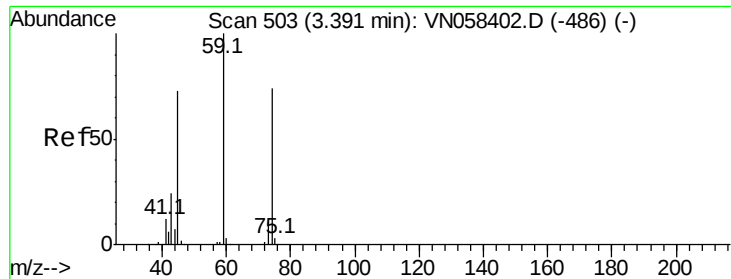
52 37.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#8

Diethyl Ether

Concen: 0.425 ug/l

RT: 3.40 min Scan# 506

Delta R.T. 0.01 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

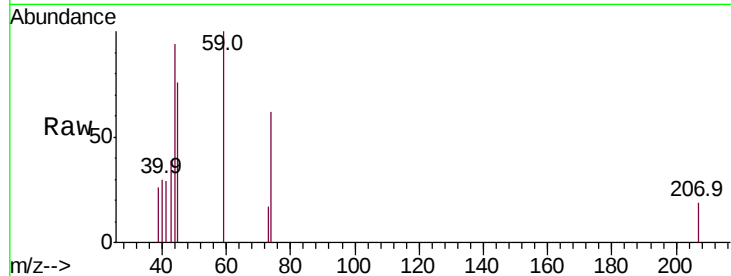
ClientSampleId :

Tot Ion: 74 Resp: 1256

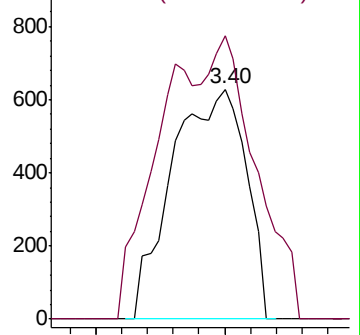
Ion Ratio Lower Upper

74 100

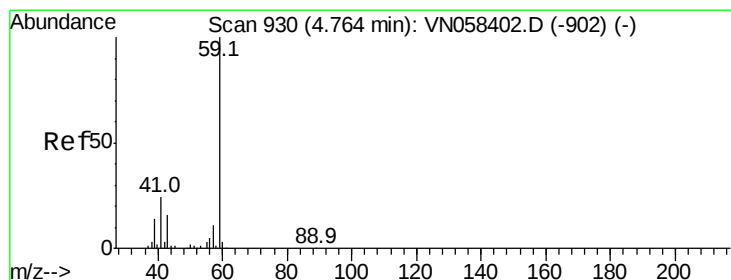
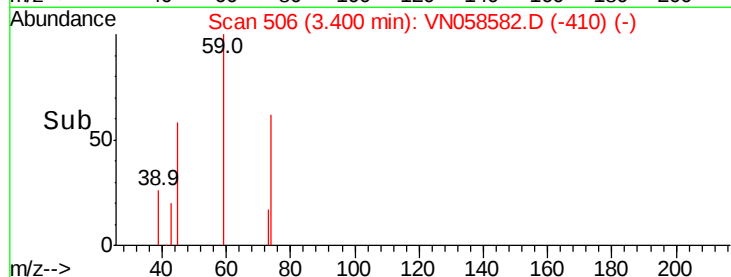
45 65.7 50.5 151.6



Abundance Ion 74.00 (73.70 to 74.70): VN0



Time-->



#11

Tert butyl alcohol

Concen: 0.515 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN058582.D

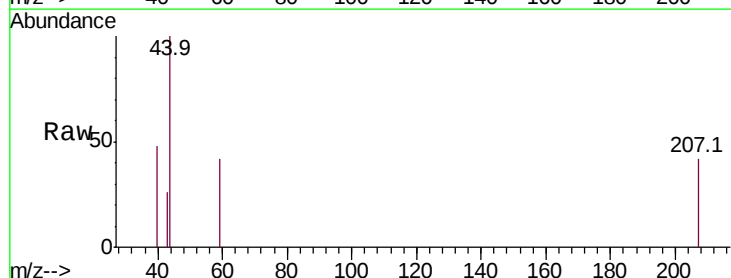
Acq: 7 Oct 2019 21:12

Tgt Ion: 59 Resp: 402

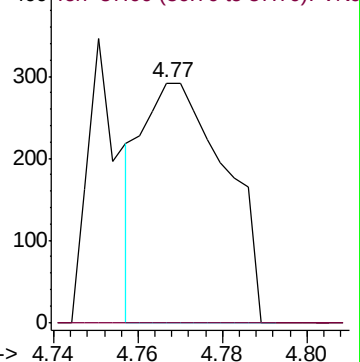
Ion Ratio Lower Upper

59 100

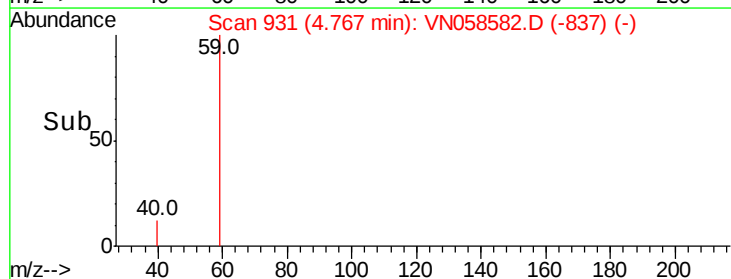
57 0.0 9.0 13.4#

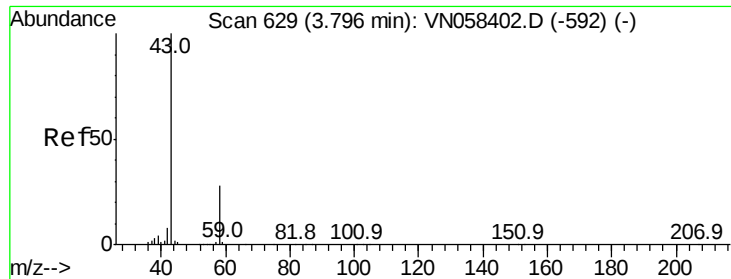


Abundance Ion 59.00 (58.70 to 59.70): VN0



Time-->





#16

Acetone

Concen: 13.377 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

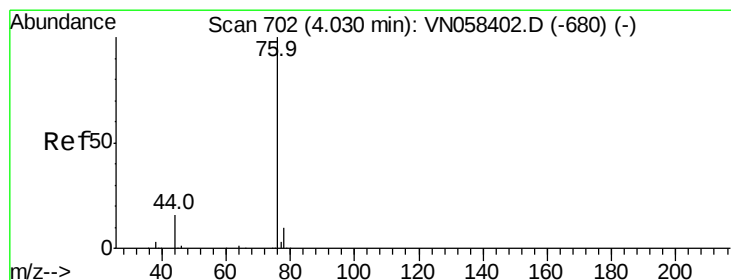
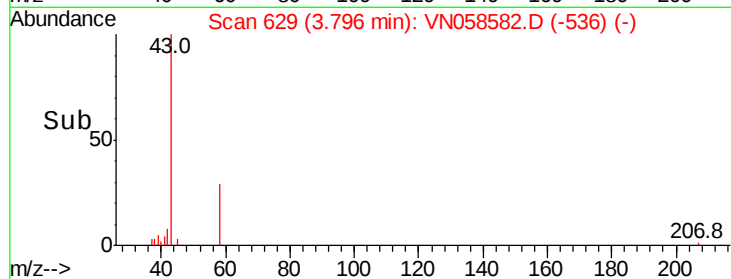
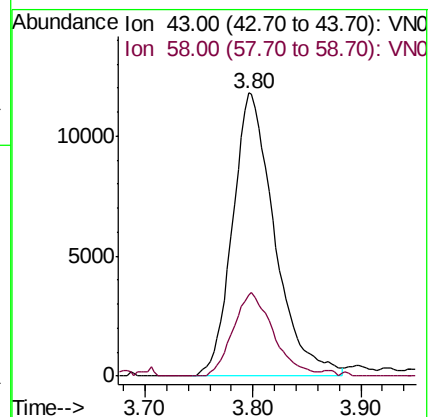
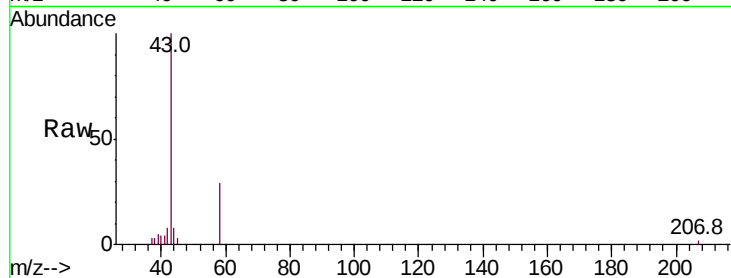
ClientSampled :

Tot Ion: 43 Resp: 32050

Ion Ratio Lower Upper

43 100

58 28.6 22.4 33.6



#17

Carbon Disulfide

Concen: 0.339 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058582.D

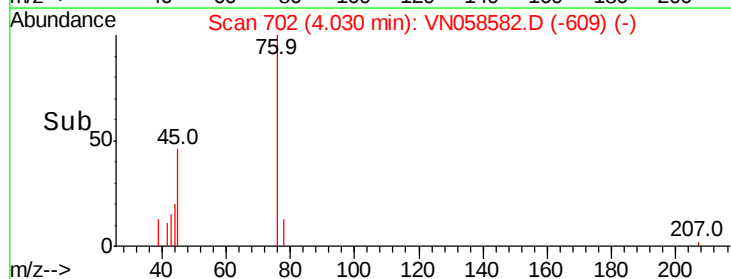
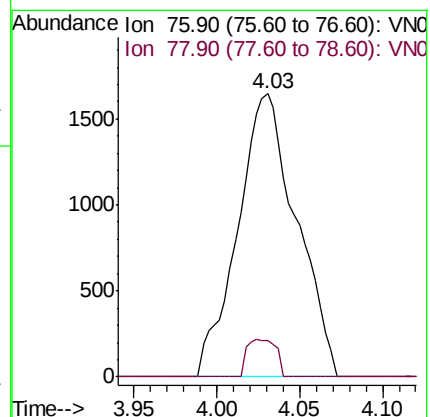
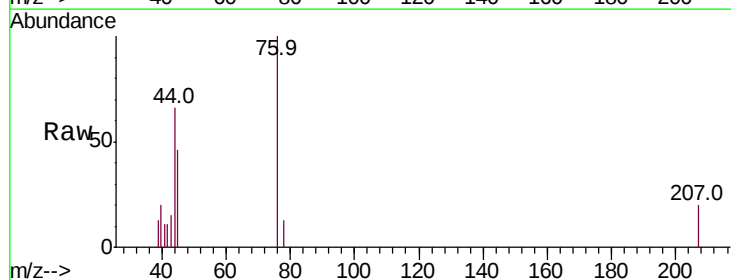
Acq: 7 Oct 2019 21:12

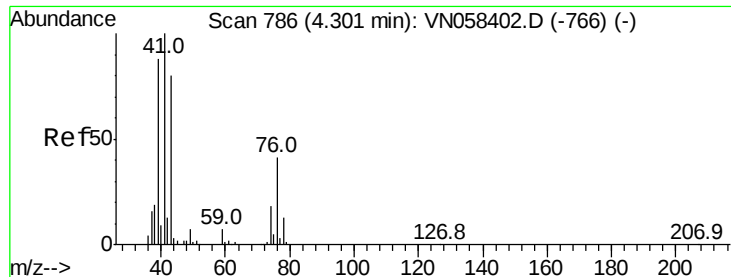
Tgt Ion: 76 Resp: 4054

Ion Ratio Lower Upper

76 100

78 12.6 7.7 11.5#

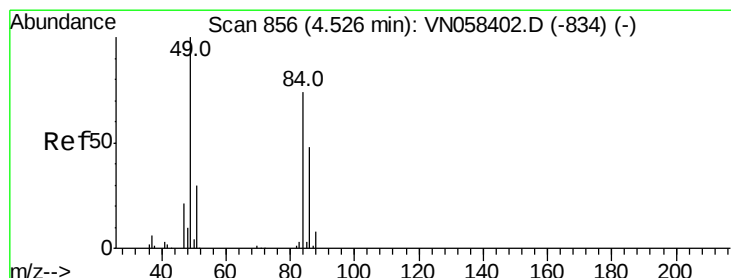
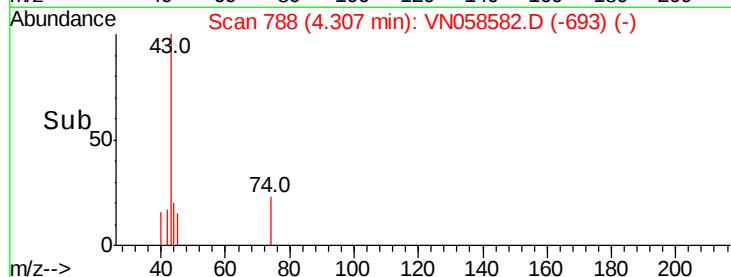
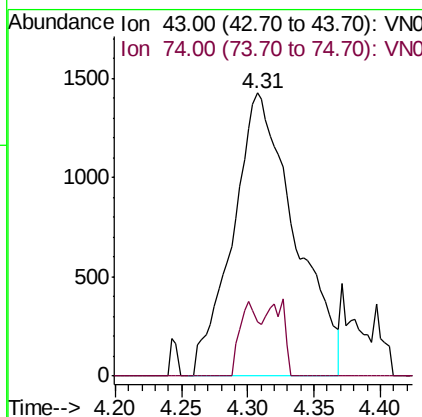
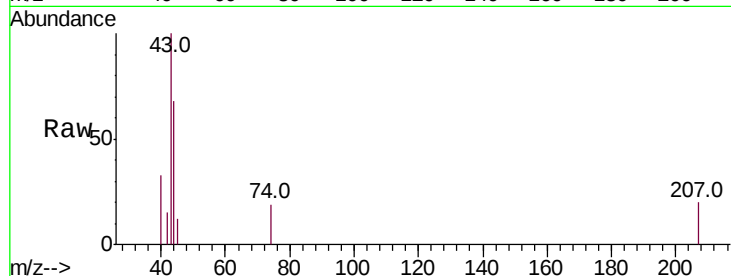




#18
Methyl Acetate
Concen: 0.774 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

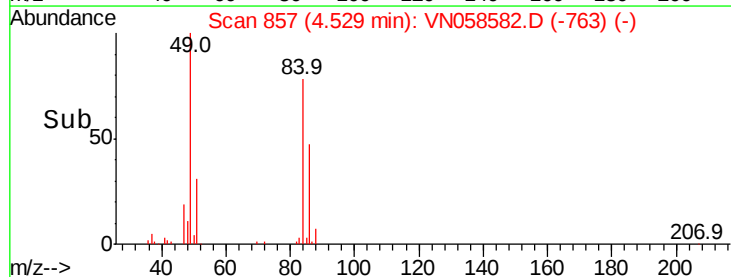
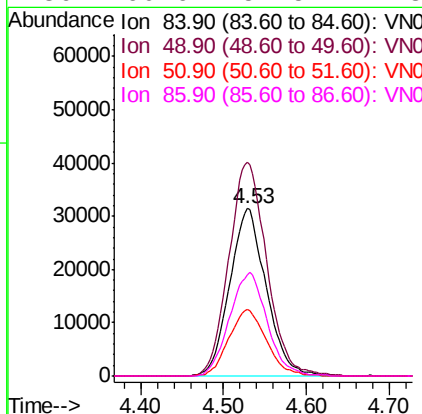
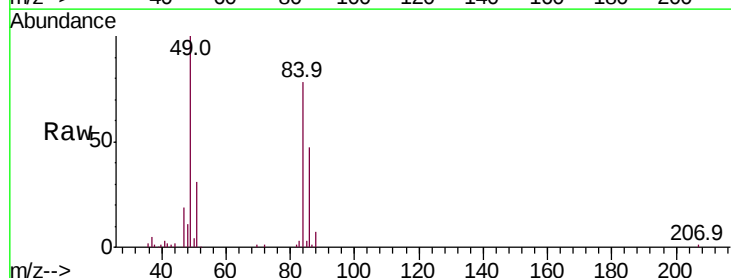
Instrument :
MSVOA_N
ClientSampleId :

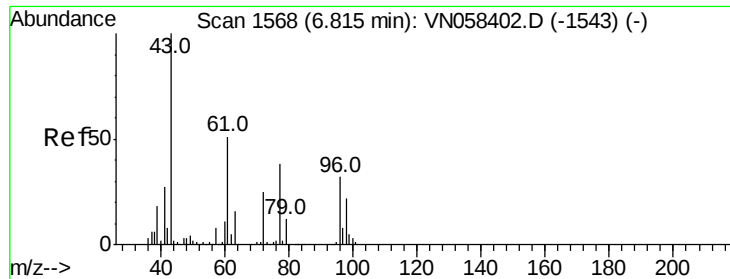
Tot Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
74 8.2 18.0 27.0#



#20
Methylene Chloride
Concen: 17.441 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

Tgt Ion: 84 Resp: 96435
Ion Ratio Lower Upper
84 100
49 127.7 107.9 161.9
51 39.6 32.8 49.2
86 60.6 51.5 77.3

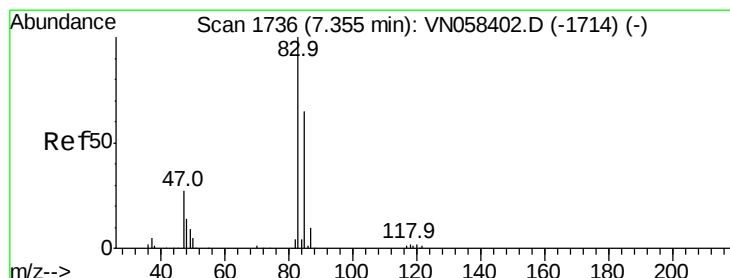
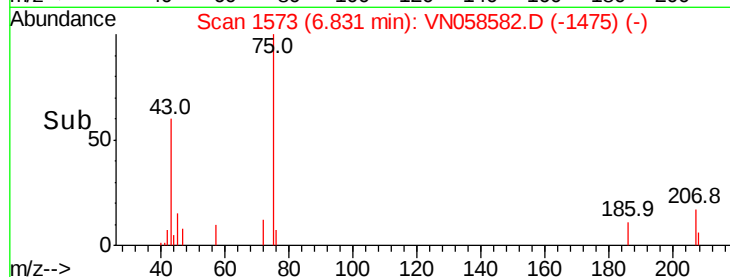
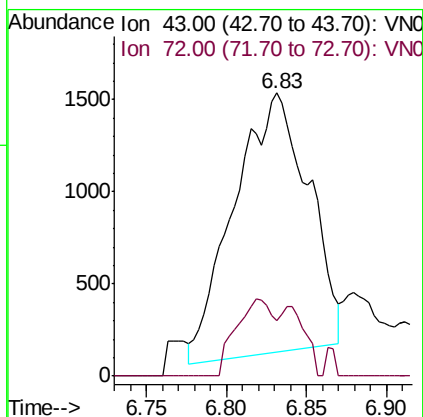
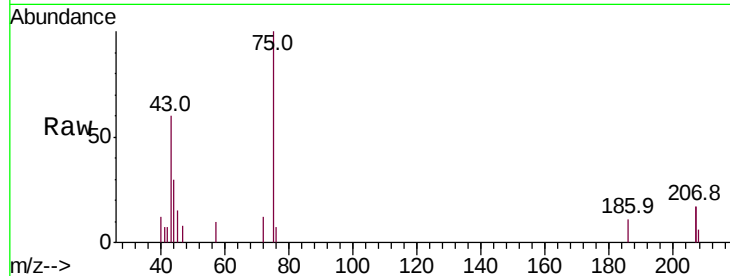




#25
2-Butanone
Concen: 1.375 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

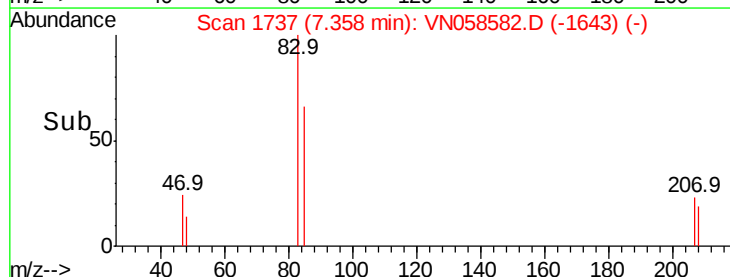
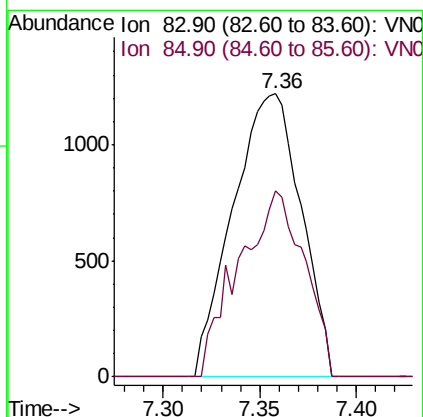
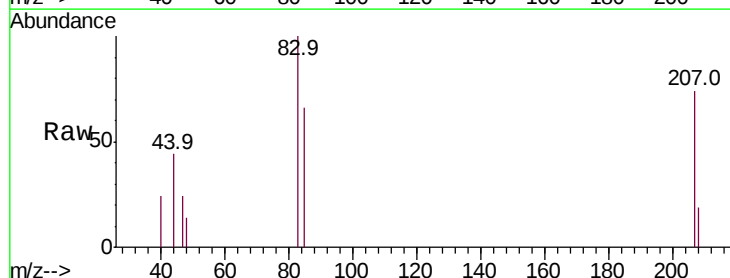
Instrument :
MSVOA_N
ClientSampled :

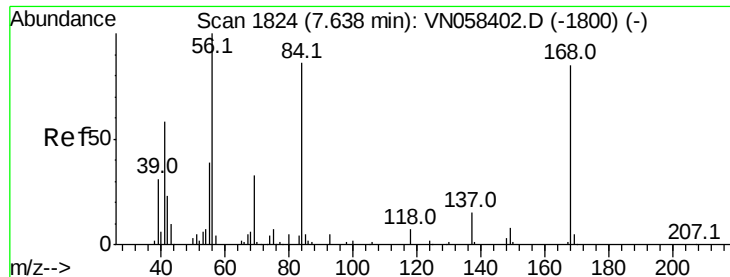
Tot Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
72 22.3 20.2 30.4



#30
Chloroform
Concen: 0.295 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

Tgt Ion: 83 Resp: 2994
Ion Ratio Lower Upper
83 100
85 65.6 52.0 78.0





#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :
MSVOA_N
ClientSampled :

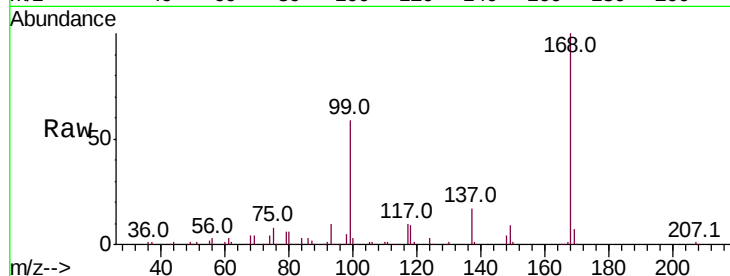
Tot Ion: 56 Resp: 11122

Ion Ratio Lower Upper

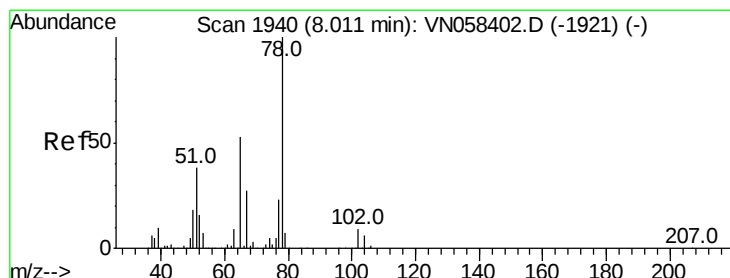
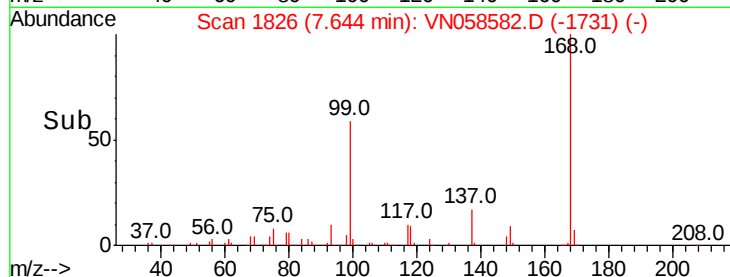
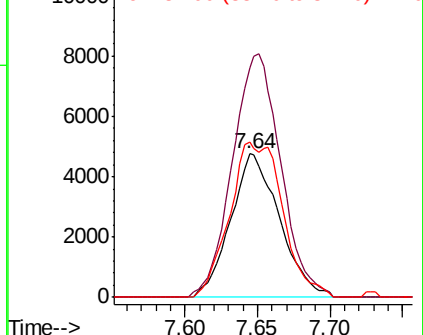
56 100

69 159.9 26.2 39.4#

84 108.5 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 46.734 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058582.D

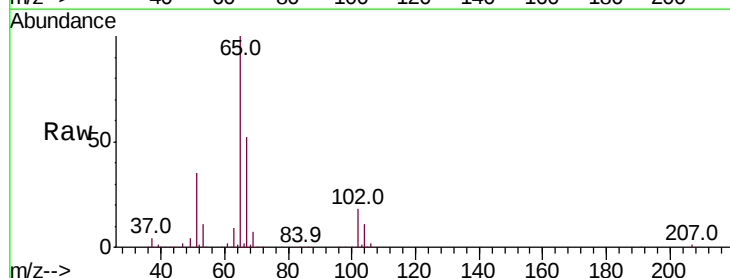
Acq: 7 Oct 2019 21:12

Tgt Ion: 65 Resp: 328464

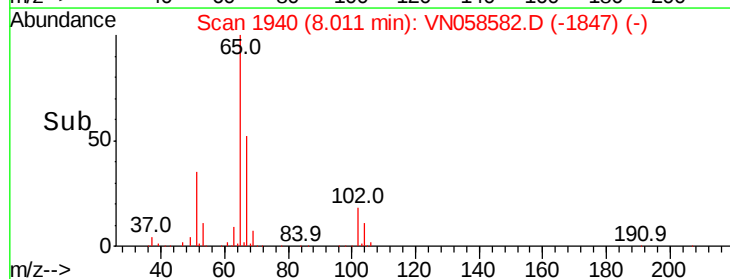
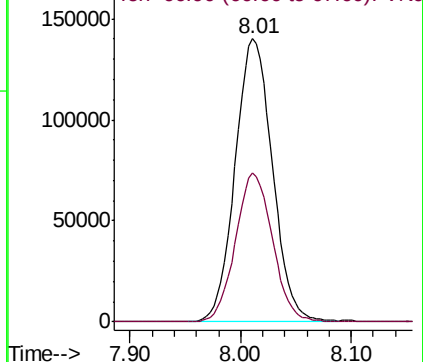
Ion Ratio Lower Upper

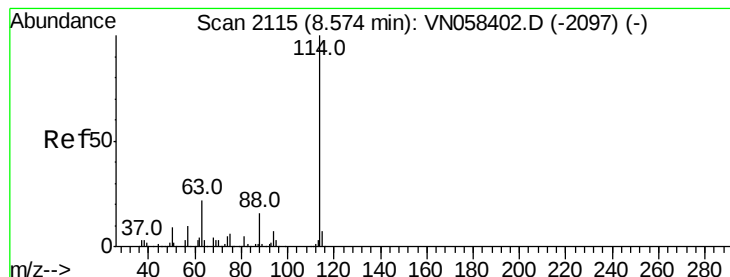
65 100

67 52.4 0.0 102.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

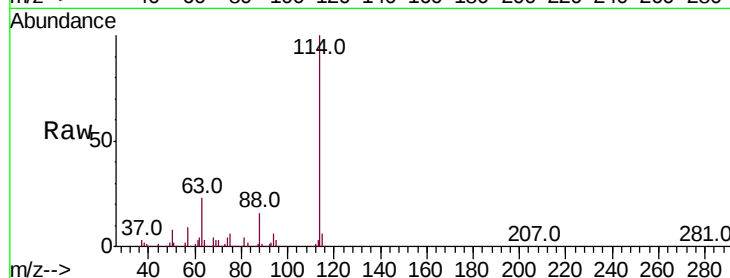
Tot Ion:114 Resp: 763703

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

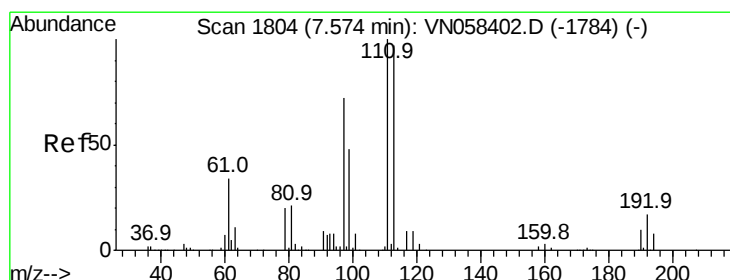
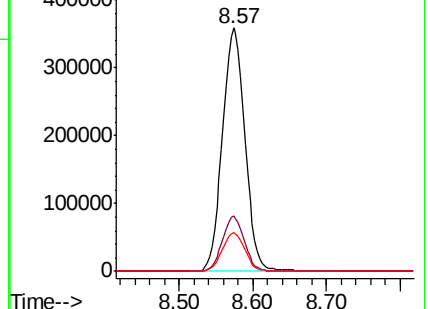
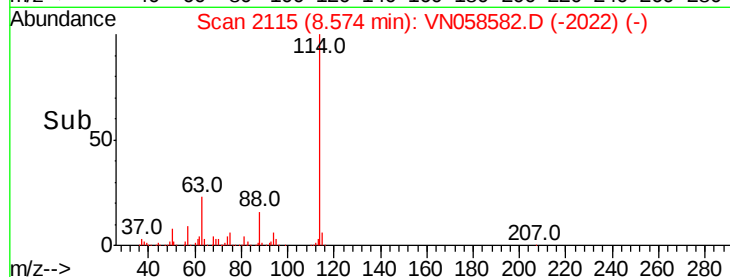
88 16.1 0.0 32.2



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: 50.605 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

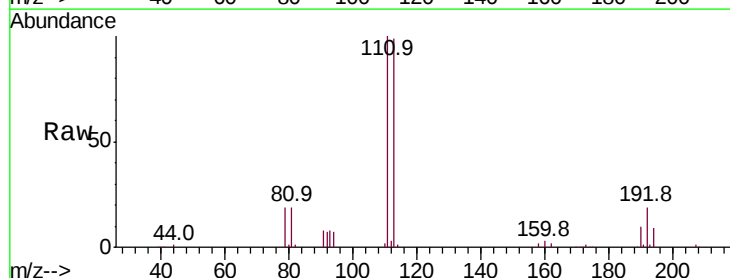
Tgt Ion:113 Resp: 236863

Ion Ratio Lower Upper

113 100

111 100.7 83.4 125.2

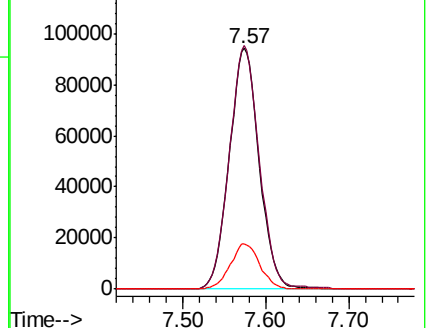
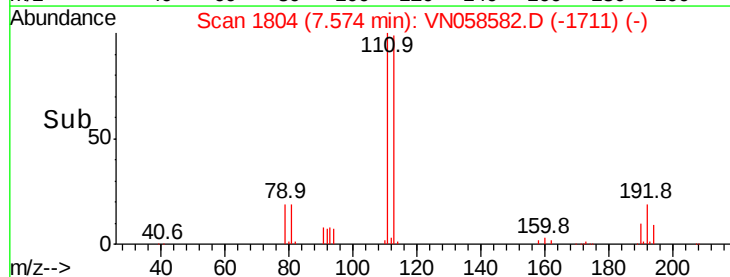
192 18.5 14.9 22.3

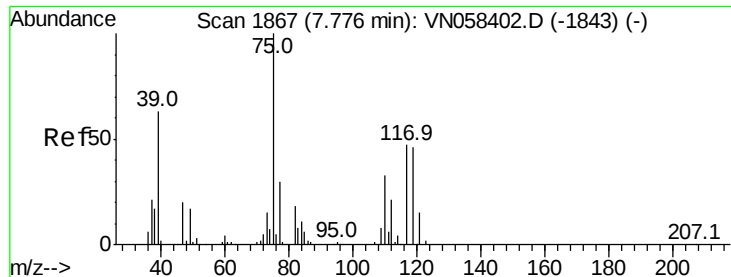


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.404 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :

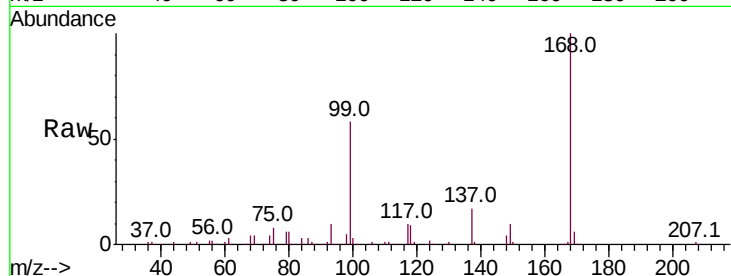
Tot Ion: 75 Resp: 39460

Ion Ratio Lower Upper

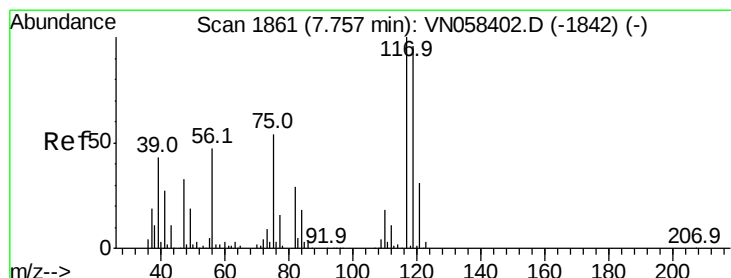
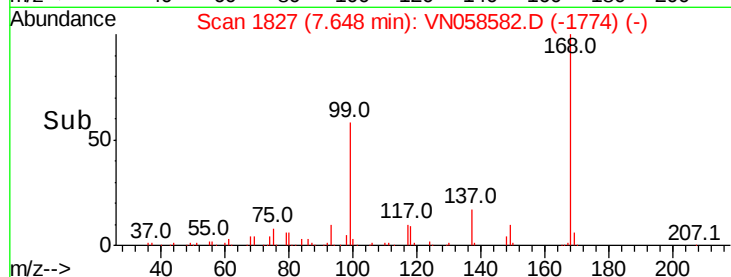
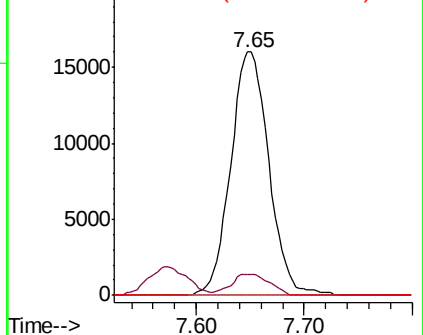
75 100

110 8.7 16.4 49.2#

77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 7.172 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

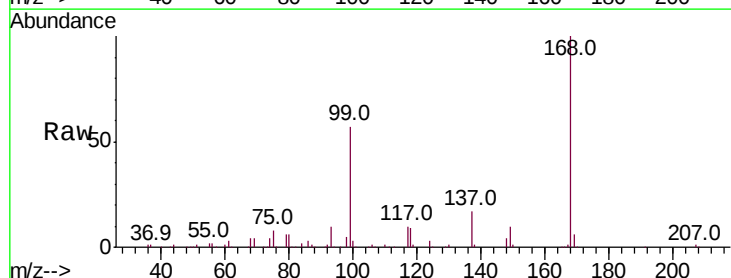
Tgt Ion: 117 Resp: 47276

Ion Ratio Lower Upper

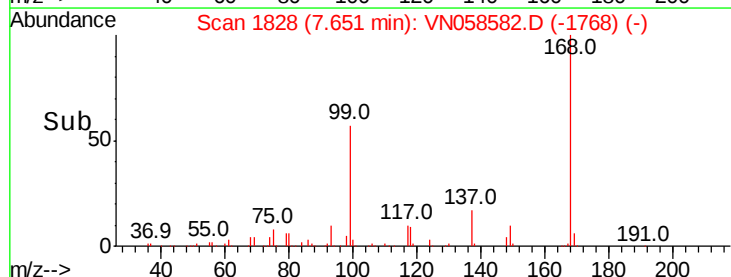
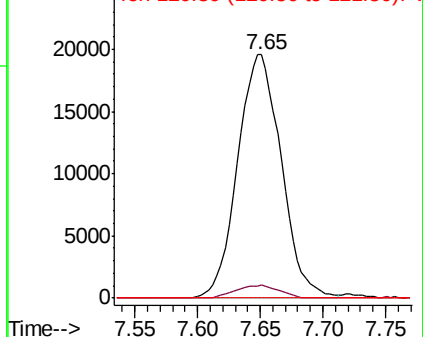
117 100

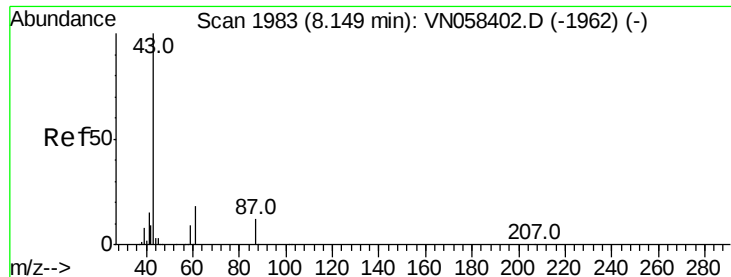
119 5.2 76.6 115.0#

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: 7.208 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

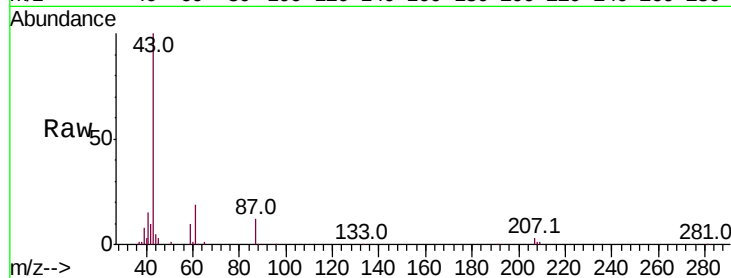
Tot Ion: 43 Resp: 83922

Ion Ratio Lower Upper

43 100

61 19.2 14.8 22.2

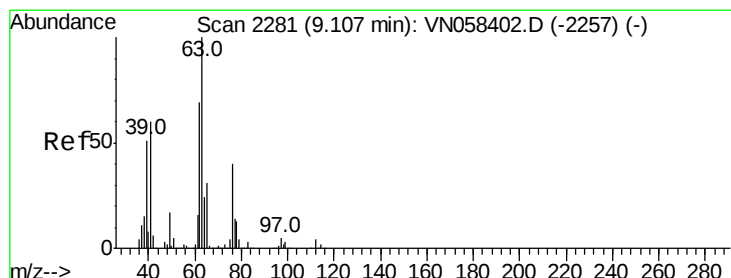
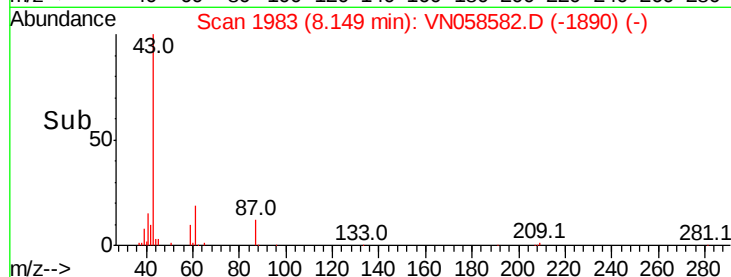
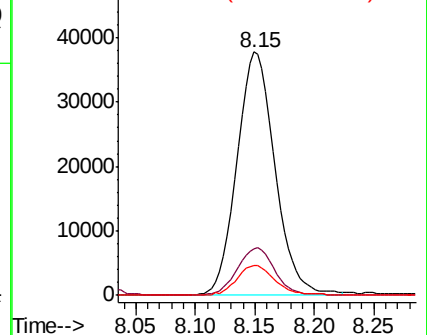
87 12.2 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.226 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058582.D

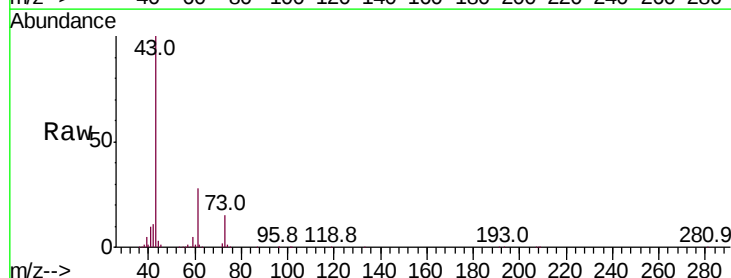
Acq: 7 Oct 2019 21:12

Tgt Ion: 63 Resp: 1272

Ion Ratio Lower Upper

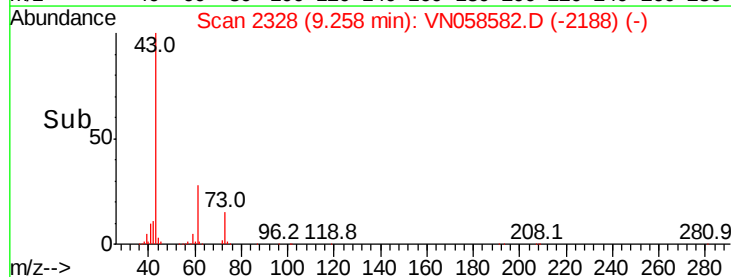
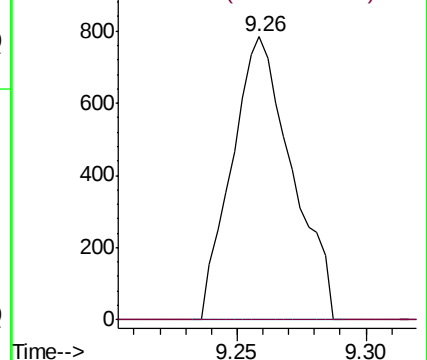
63 100

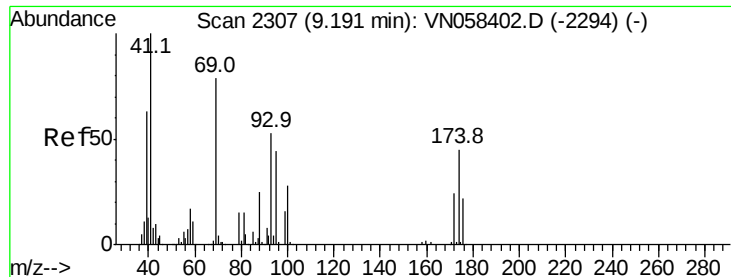
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methyl methacrylate

Concen: 0.971 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :

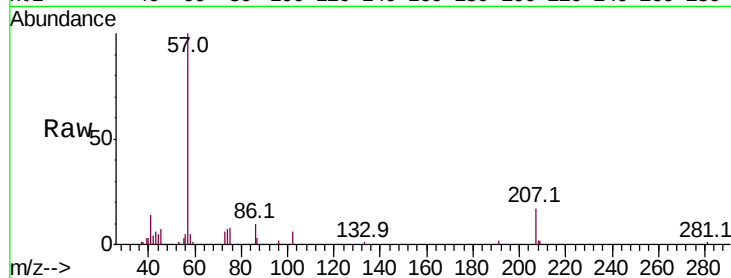
Tot Ion: 41 Resp: 5148

Ion Ratio Lower Upper

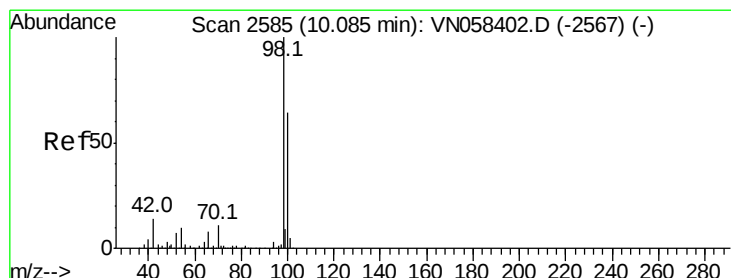
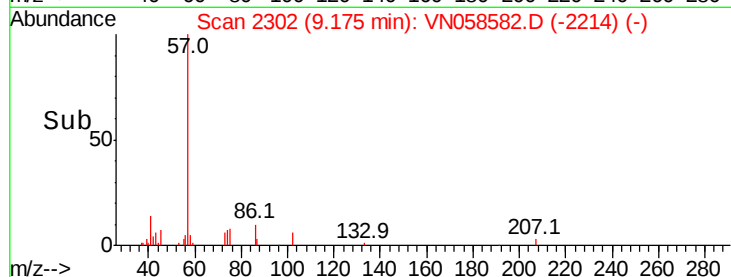
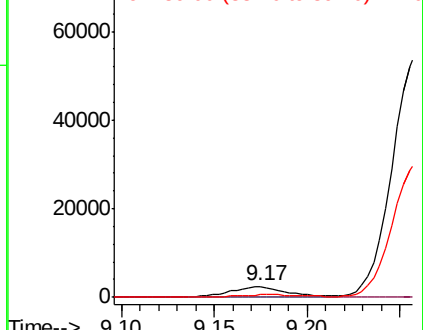
41 100

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



#50

Toluene-d8

Concen: 51.777 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058582.D

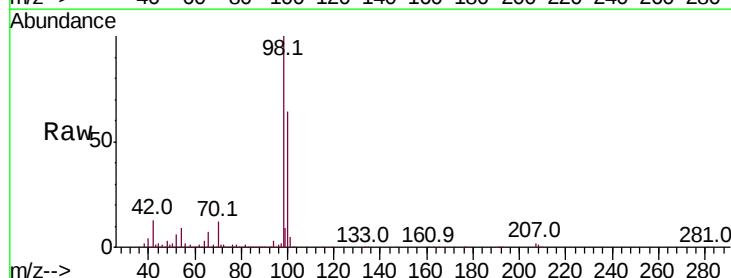
Acq: 7 Oct 2019 21:12

Tgt Ion: 98 Resp: 949379

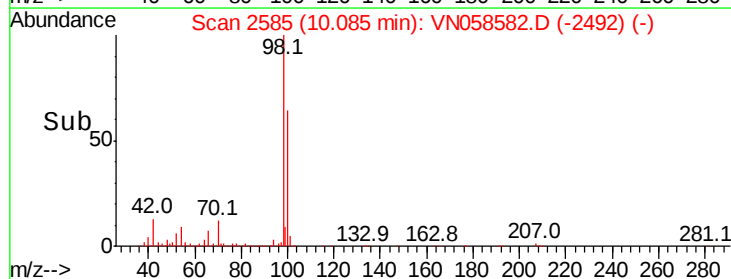
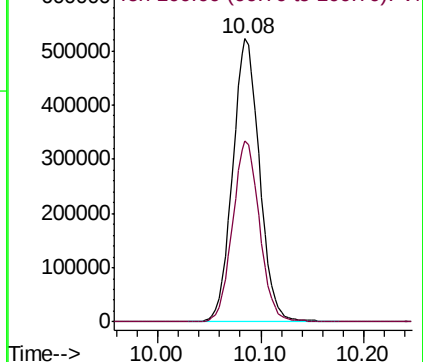
Ion Ratio Lower Upper

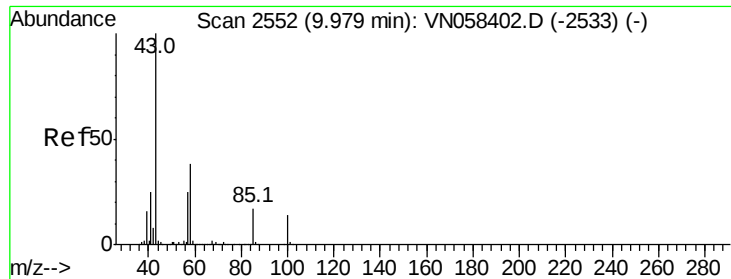
98 100

100 64.2 51.0 76.6



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





#51

4-Methyl-2-Pentanone

Concen: 1.014 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

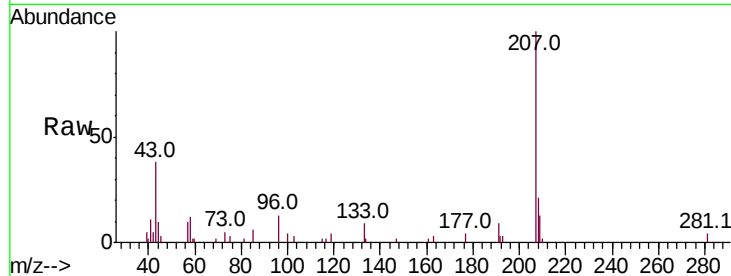
ClientSampled :

Tot Ion: 43 Resp: 6064

Ion Ratio Lower Upper

43 100

58 40.2 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

3000

2000

1000

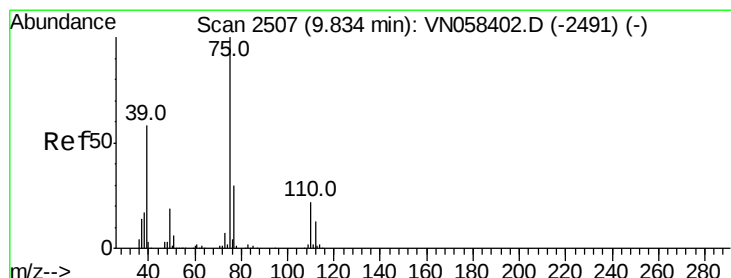
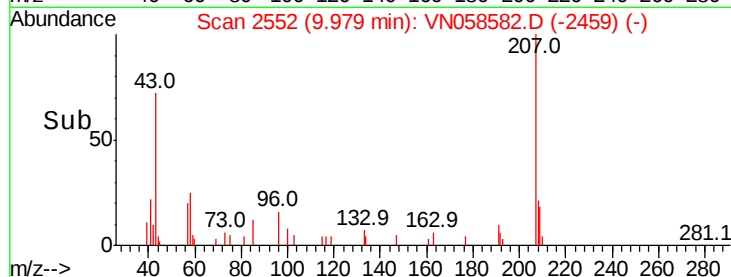
0

9.95

9.98

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.738 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

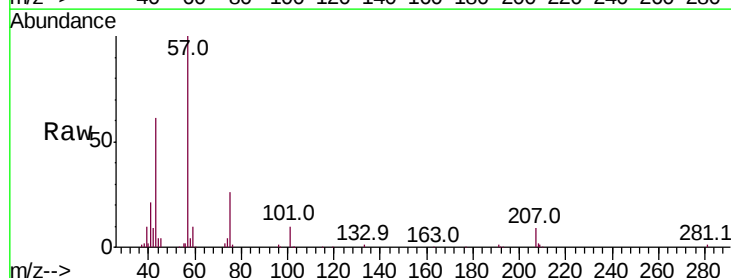
Tgt Ion: 75 Resp: 38668

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

39 39.2 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

25000

20000

15000

10000

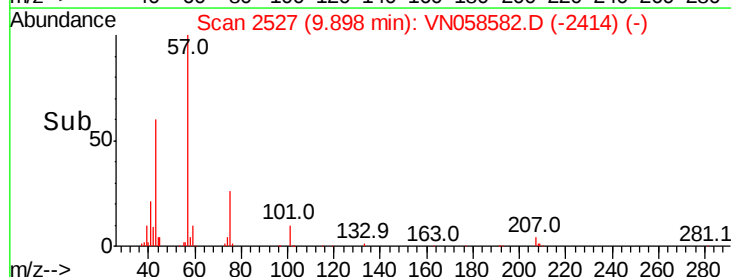
5000

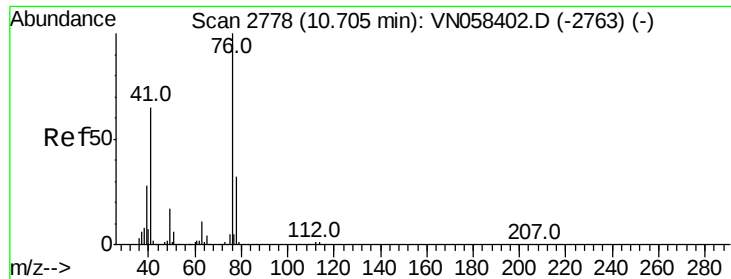
0

9.80

9.90

Time-->

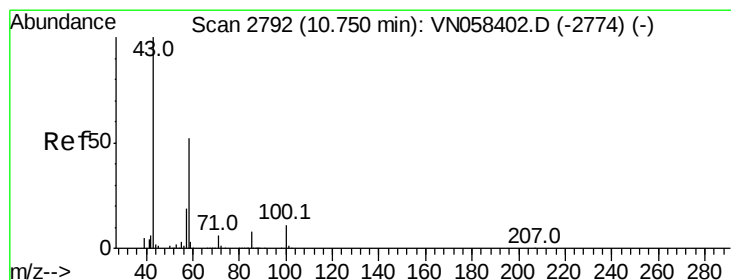
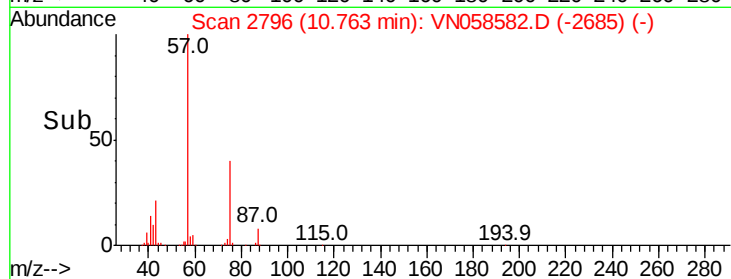
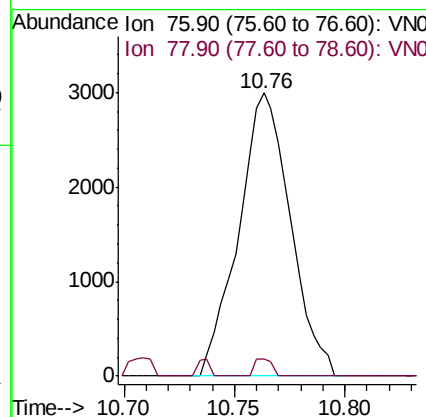
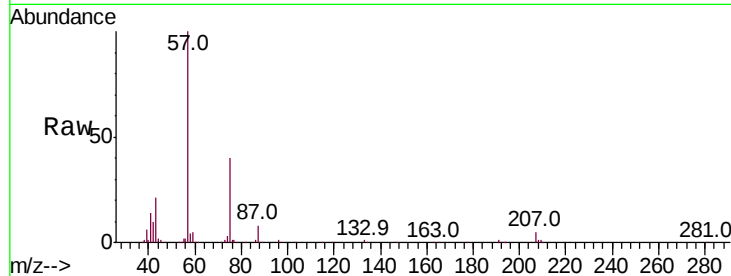




#57
 1,3-Dichloropropane
 Concen: 0.567 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN058582.D
 Acq: 7 Oct 2019 21:12

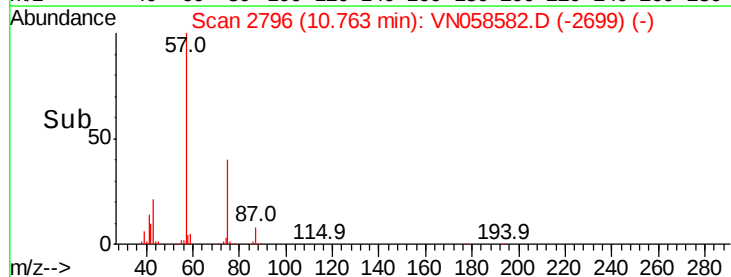
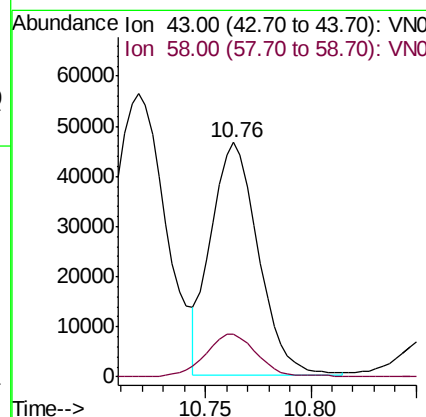
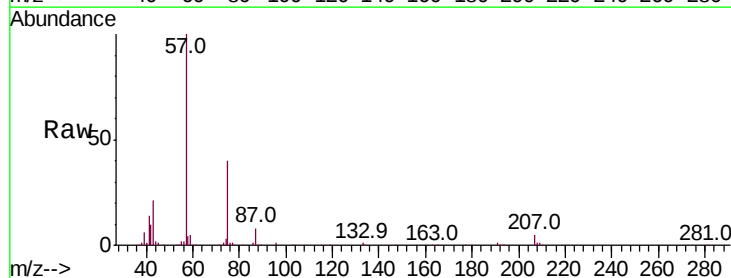
Instrument :
 MSVOA_N
 ClientSampleId :

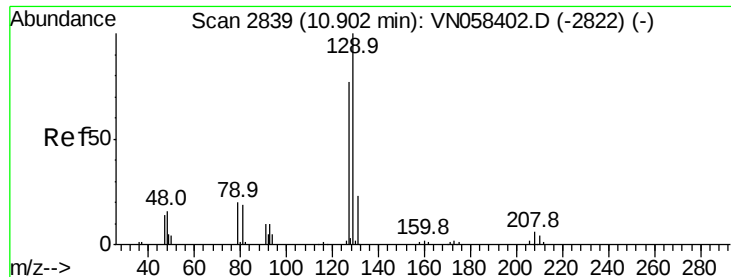
Tot Ion: 76 Resp: 4868
 Ion Ratio Lower Upper
 76 100
 78 2.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 16.580 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058582.D
 Acq: 7 Oct 2019 21:12

Tgt Ion: 43 Resp: 72198
 Ion Ratio Lower Upper
 43 100
 58 19.8 25.8 77.3#





#60

Dibromochloromethane

Concen: Below Cal

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

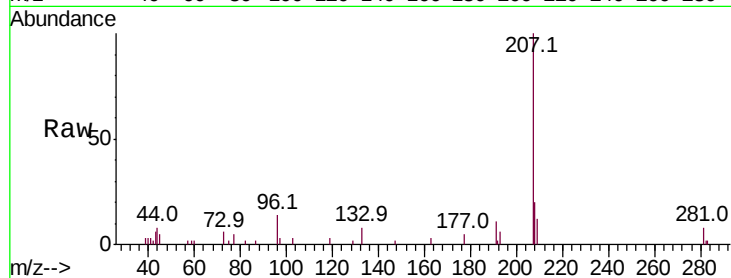
ClientSampled :

Tot Ion:129 Resp: 158

Ion Ratio Lower Upper

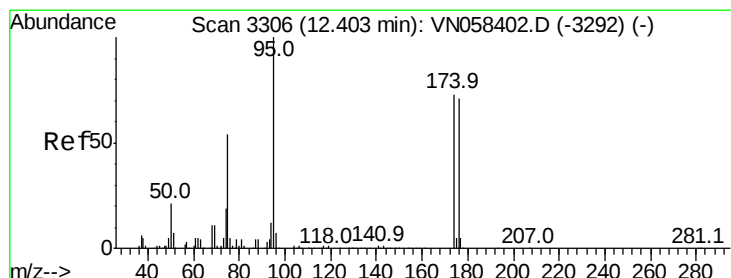
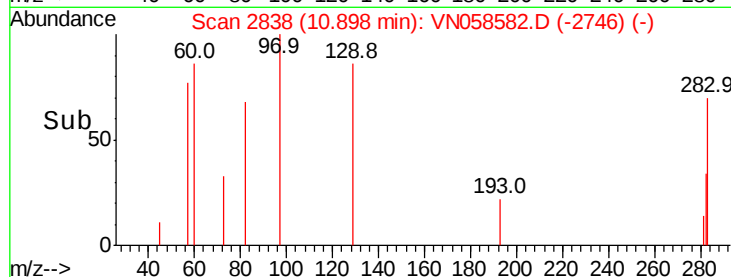
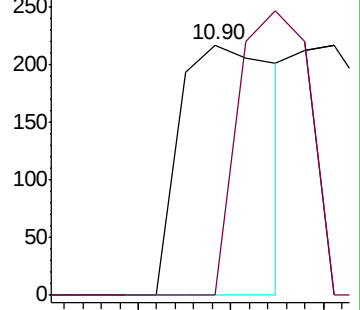
129 100

127 83.5 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.915 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

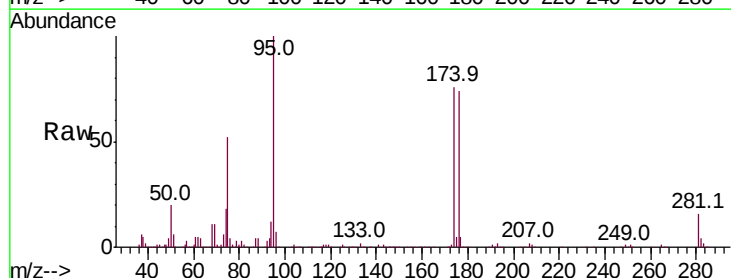
Tgt Ion: 95 Resp: 317675

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.6

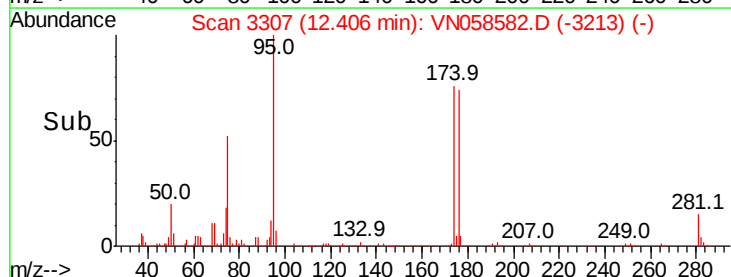
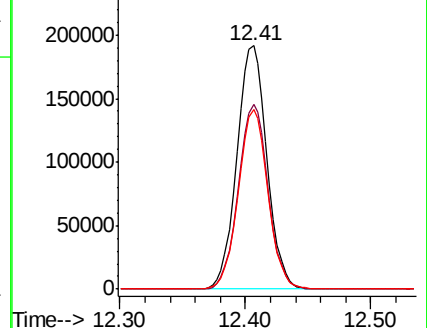
176 73.0 0.0 146.2

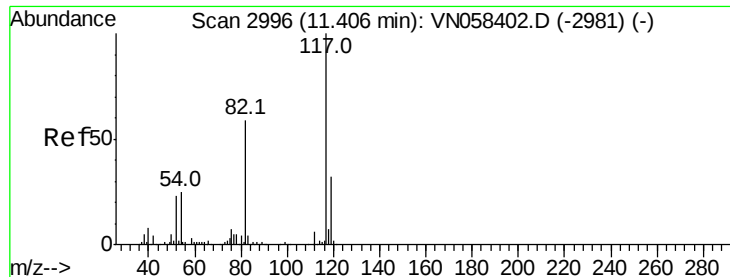


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampled :

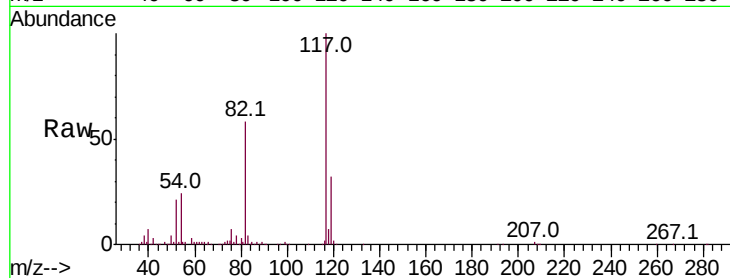
Tot Ion:117 Resp: 669970

Ion Ratio Lower Upper

117 100

82 57.6 47.4 71.0

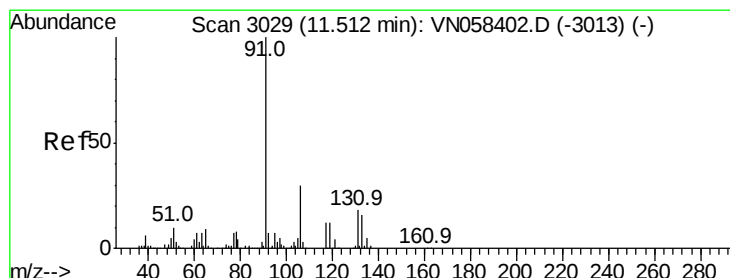
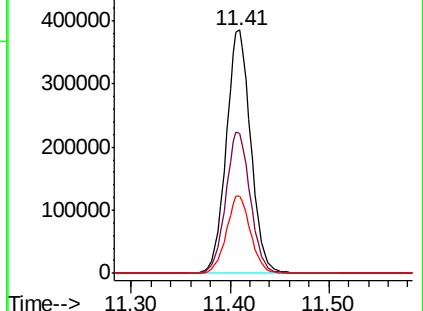
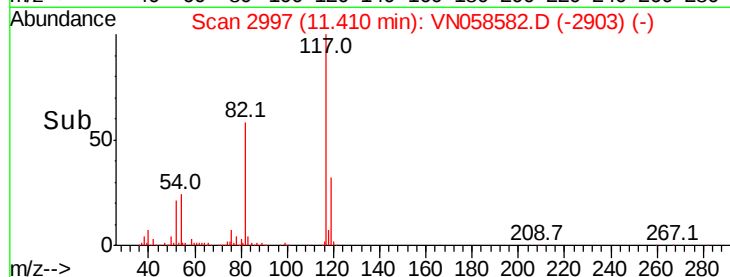
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VNO

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.226 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058582.D

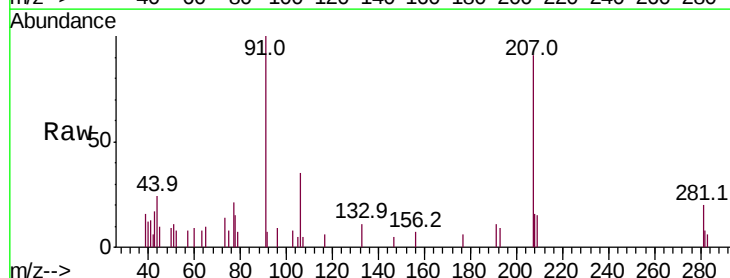
Acq: 7 Oct 2019 21:12

Tgt Ion: 91 Resp: 5452

Ion Ratio Lower Upper

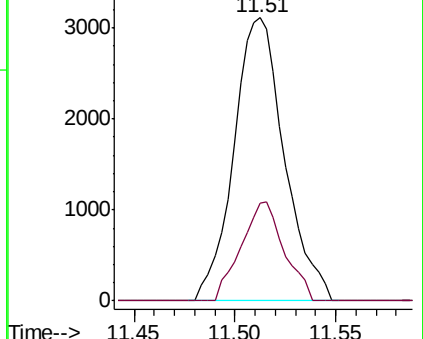
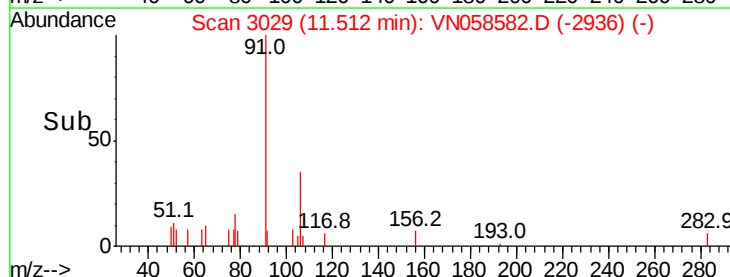
91 100

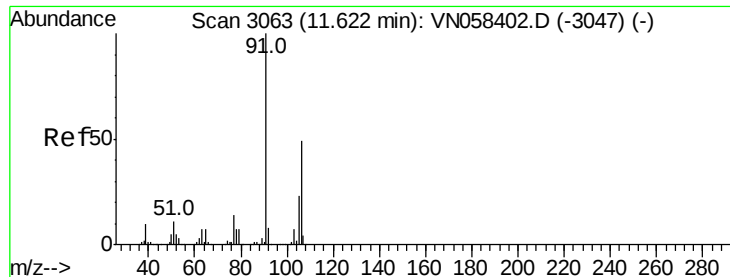
106 34.6 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 0.211 ug/l

RT: 11.62 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

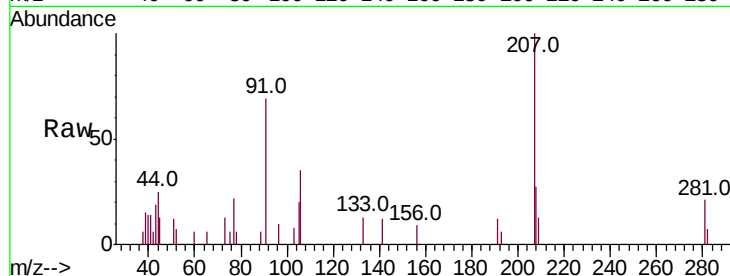
ClientSampled :

Tot Ion:106 Resp: 1912

Ion Ratio Lower Upper

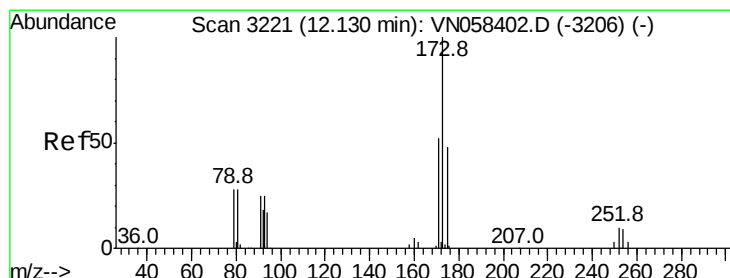
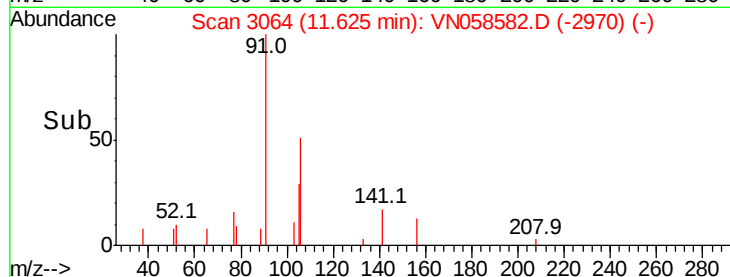
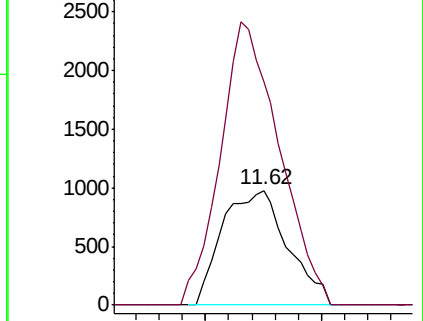
106 100

91 223.3 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#71

Bromoform

Concen: 0.736 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

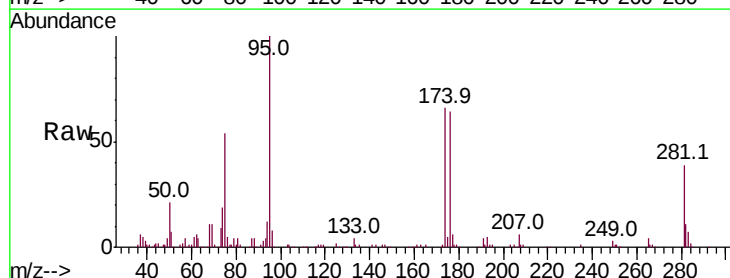
Tgt Ion:173 Resp: 130

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

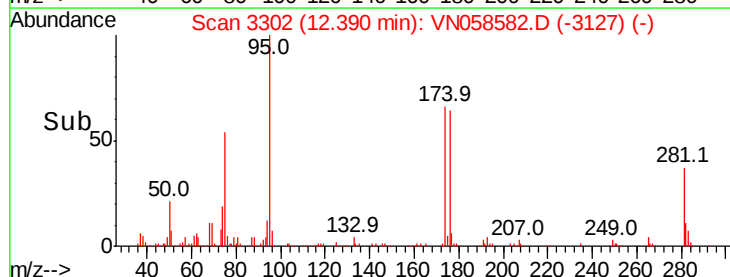
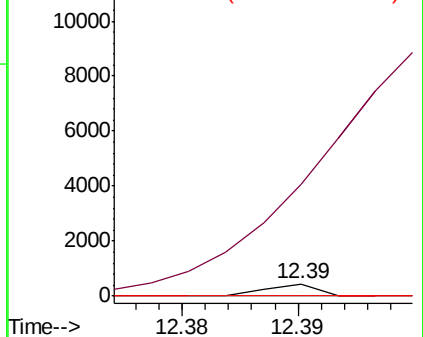
254 0.0 0.1 0.1#

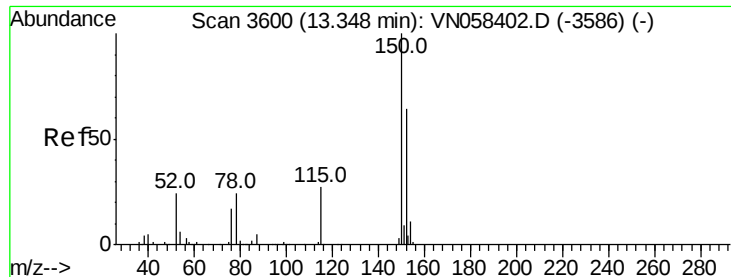


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

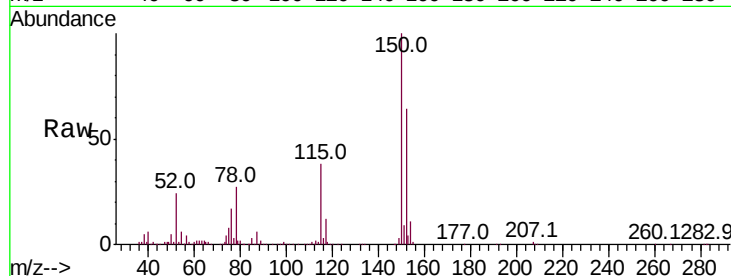
Tot Ion:152 Resp: 279727

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

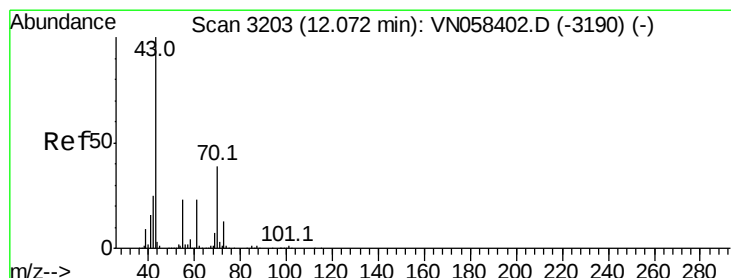
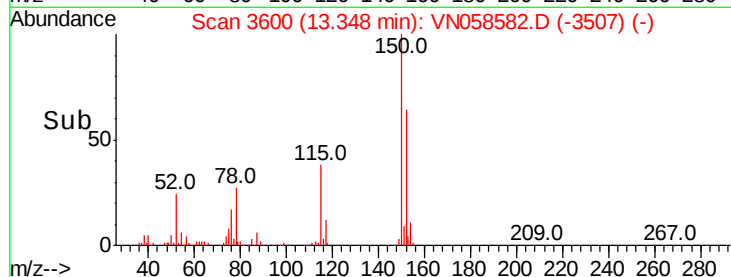
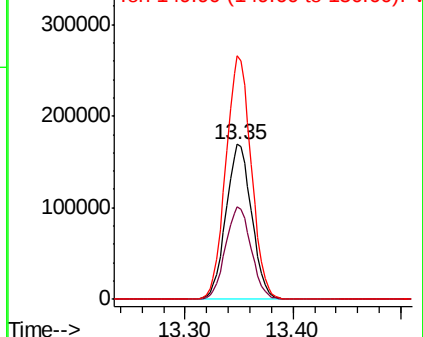
150 156.1 0.0 348.2



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: 0.607 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Tgt Ion: 43 Resp: 4990

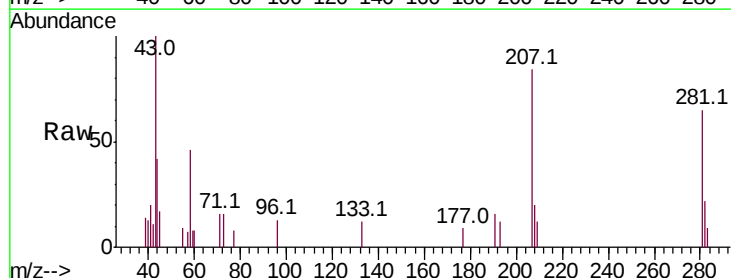
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 5.6 18.2 27.4#

61 0.0 18.3 27.5#

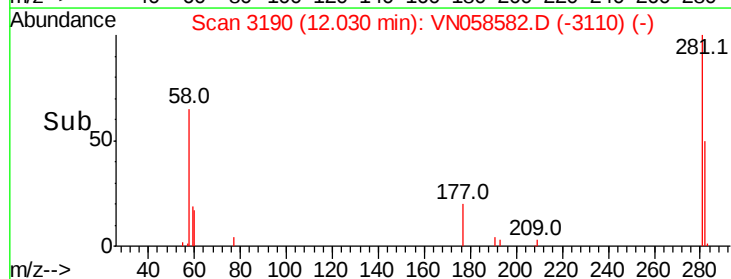
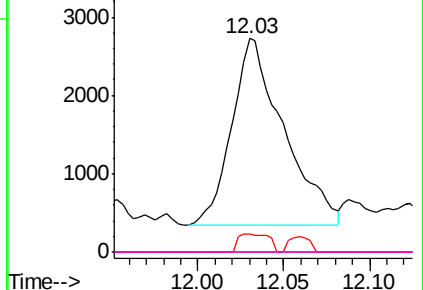


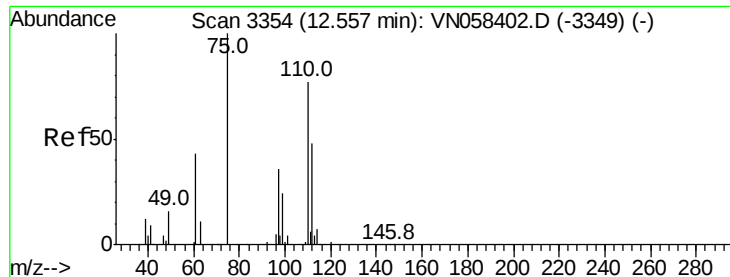
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 32.614 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

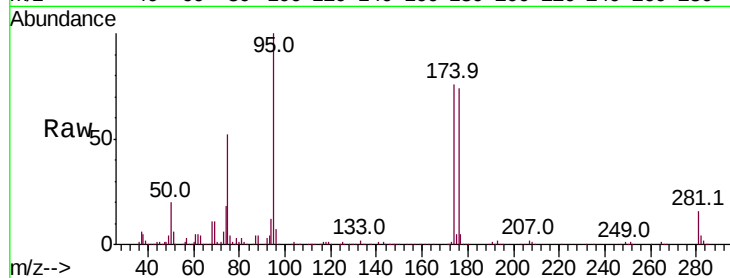
ClientSampled :

Tot Ion: 75 Resp: 166630

Ion Ratio Lower Upper

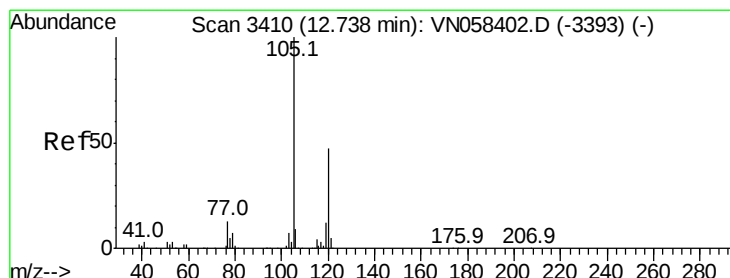
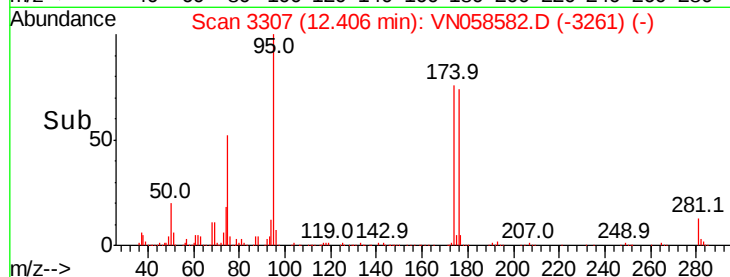
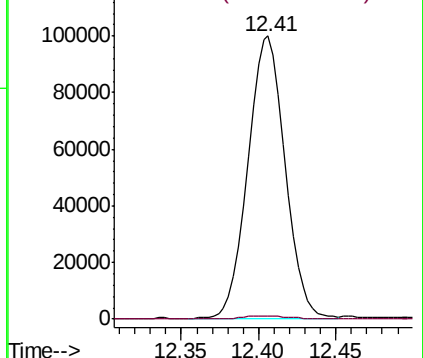
75 100

77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.387 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058582.D

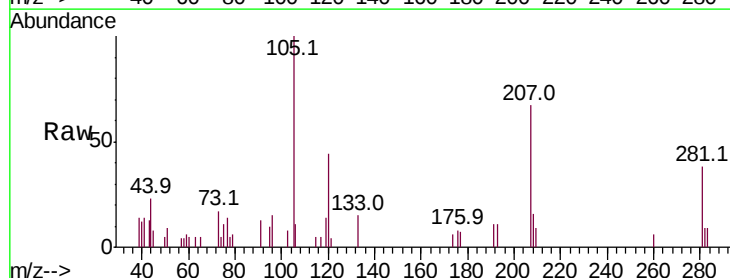
Acq: 7 Oct 2019 21:12

Tgt Ion: 105 Resp: 6698

Ion Ratio Lower Upper

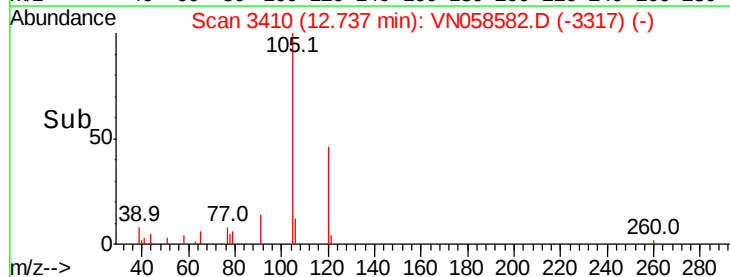
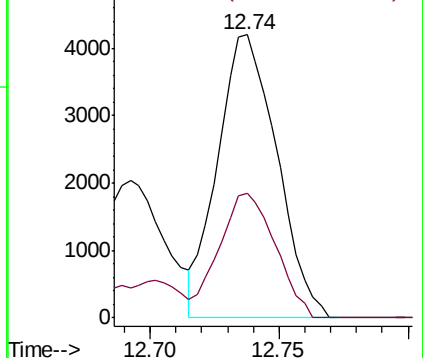
105 100

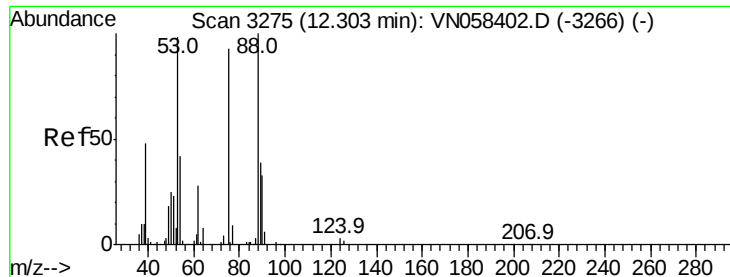
120 41.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 99.051 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampled :

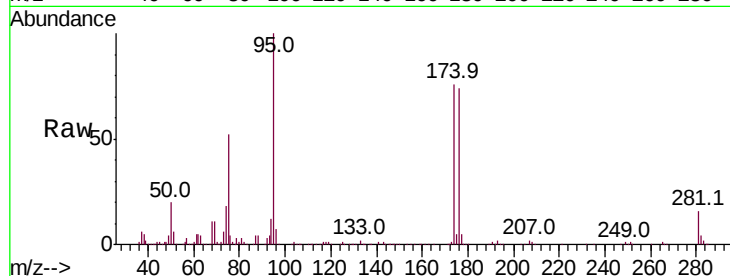
Tot Ion: 75 Resp: 166630

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

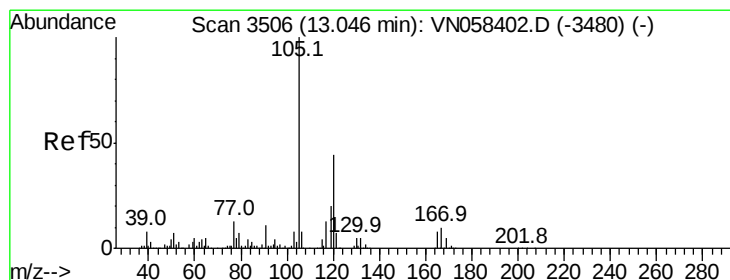
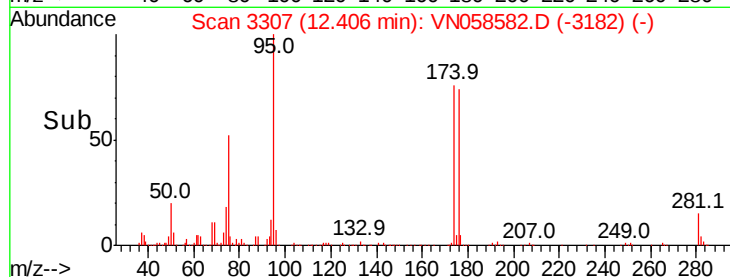
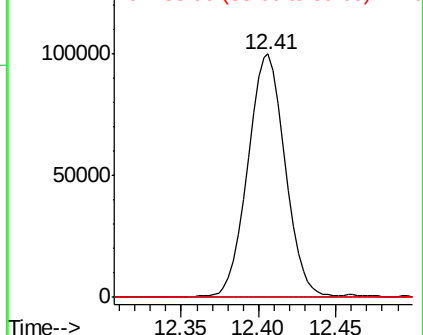
89 0.2 35.0 52.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.646 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058582.D

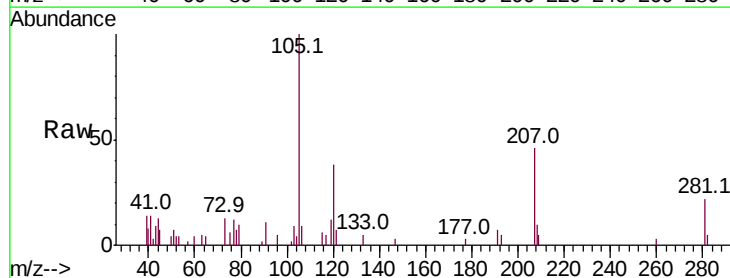
Acq: 7 Oct 2019 21:12

Tgt Ion:105 Resp: 11205

Ion Ratio Lower Upper

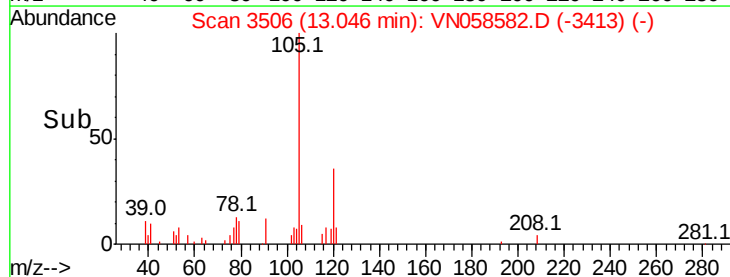
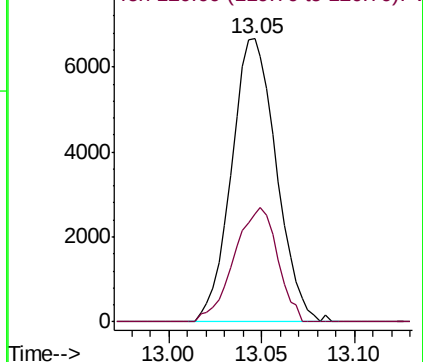
105 100

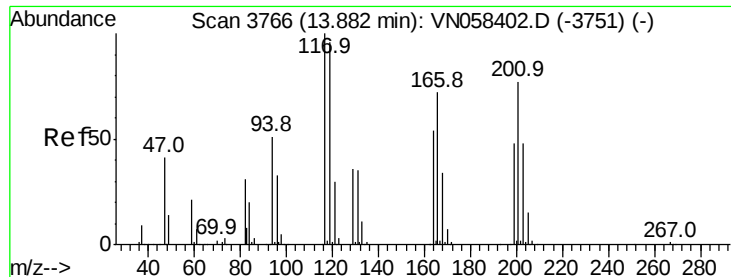
120 39.1 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.342 ug/l

RT: 13.90 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

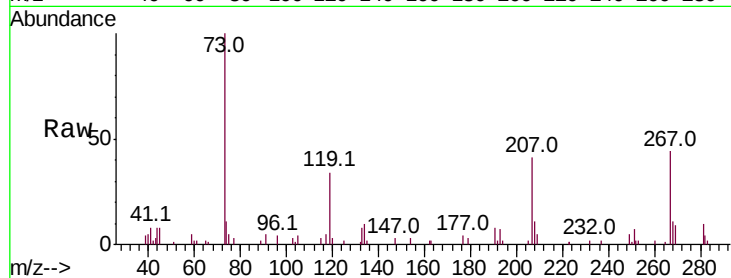
ClientSampleId :

Tot Ion:117 Resp: 869

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

13.90

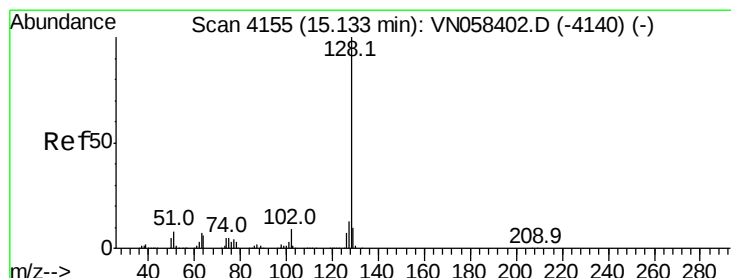
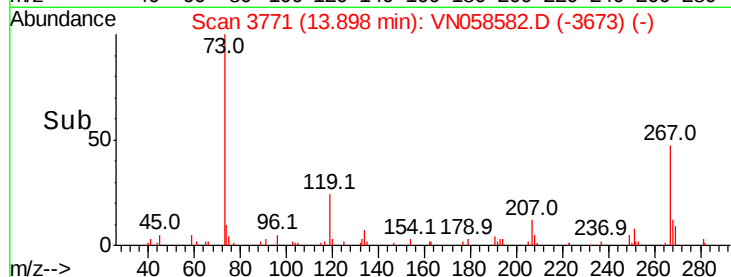
600

400

200

0

Time--> 13.85 13.90



#95

Naphthalene

Concen: 12.819 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

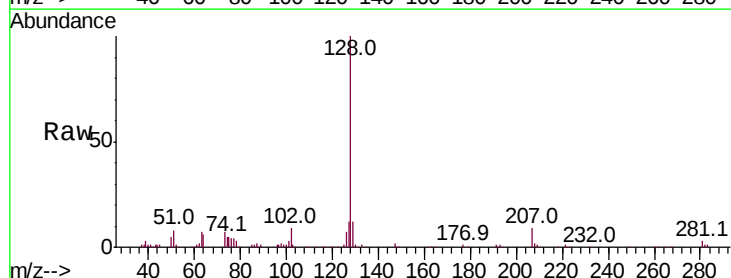
Tgt Ion:128 Resp: 175487

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.5 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

15.13

100000

50000

0

Time--> 15.05 15.10 15.15

