

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058580.D
 Acq On : 7 Oct 2019 20:28
 Operator : JC/SP
 Sample : K5141-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 14:07:51 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	491484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	772645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	687867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282701	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	334208	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
35) Dibromofluoromethane	7.57	113	239163	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	10.08	98	959365	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.41	95	327755	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2061	0.348	ug/l	89
8) Diethyl Ether	3.38	74	1622	0.537	ug/l	78
14) Allyl chloride	4.53	41	64092	7.596	ug/l #	20
16) Acetone	3.80	43	90432	36.936	ug/l	99
17) Carbon Disulfide	4.04	76	2599	0.213	ug/l #	70
18) Methyl Acetate	4.31	43	4820	0.783	ug/l #	74
20) Methylene Chloride	4.53	84	1786493	316.185	ug/l	99
25) 2-Butanone	6.83	43	4804	1.429	ug/l	91
29) Tetrahydrofuran	7.20	42	572	0.268	ug/l #	63
31) Cyclohexane	7.65	56	11107	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	40660	5.504	ug/l #	51
38) Carbon Tetrachloride	7.65	117	48286	7.241	ug/l #	16
40) Benzene	8.02	78	5867	0.276	ug/l	95
41) Methacrylonitrile	7.20	41	687	0.238	ug/l #	34
43) Isopropyl Acetate	8.15	43	85801	7.284	ug/l	99
45) 1,2-Dichloropropane	9.26	63	1450	0.255	ug/l #	43
48) Methyl methacrylate	9.17	41	5872	1.095	ug/l #	13
49) 1,4-Dioxane	9.26	88	100	1.394	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6607	1.092	ug/l #	68
54) cis-1,3-Dichloropropene	9.90	75	40667	4.925	ug/l #	61
56) Ethyl methacrylate	10.54	69	1527	0.207	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6023	0.694	ug/l #	43
59) 2-Hexanone	10.76	43	88763	20.148	ug/l #	54
60) Dibromochloromethane	10.63	129	947	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1076	0.246	ug/l	86
65) Chlorobenzene	11.43	112	19048	1.393	ug/l	100
71) Bromoform	12.40	173	798	0.942	ug/l #	1
74) N-amyl acetate	12.03	43	4297	0.517	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	170365	32.994	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	170365	100.206	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.05	105	5208	0.297	ug/l	90
95) Naphthalene	15.13	128	11413	0.798	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

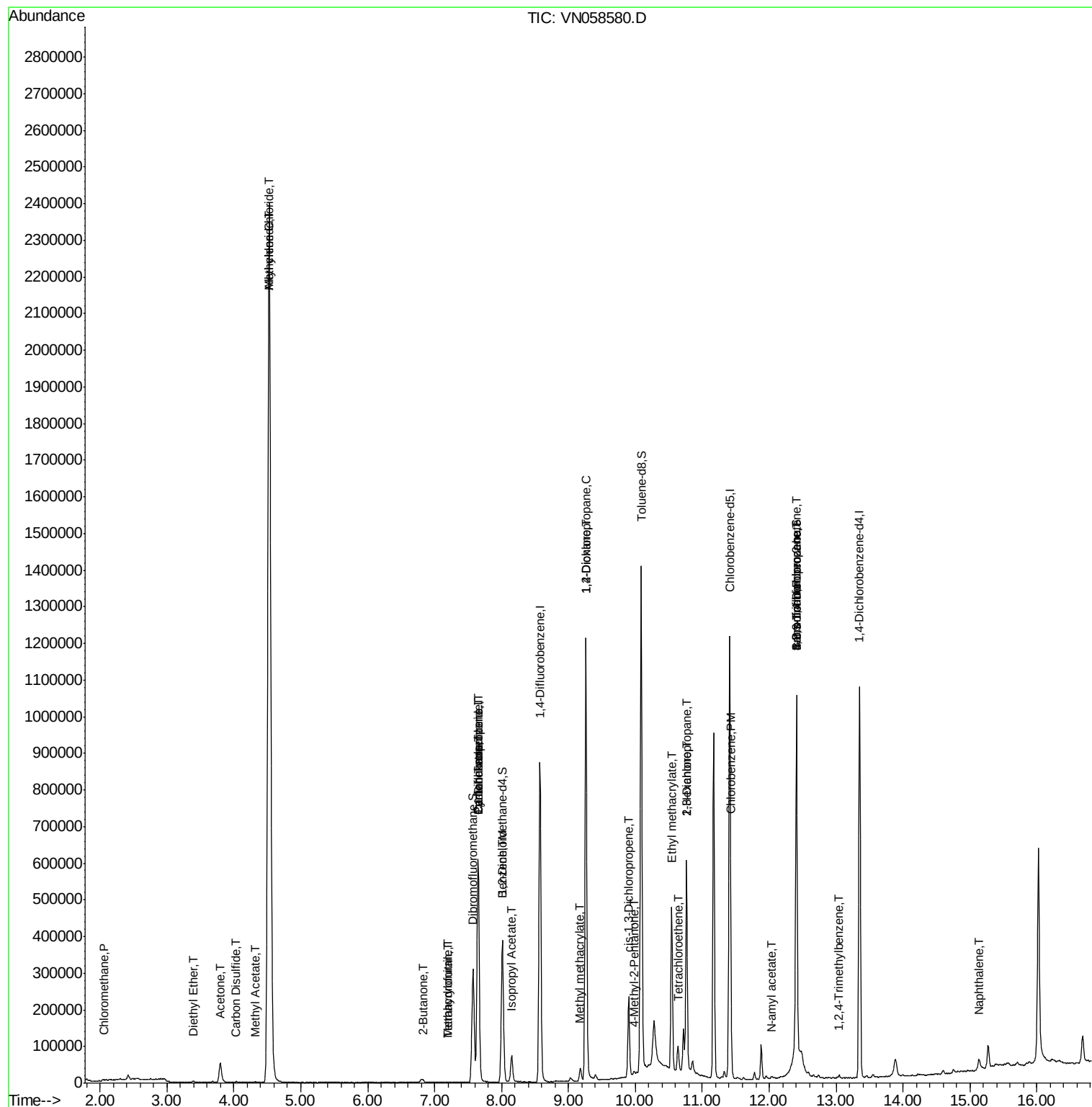
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

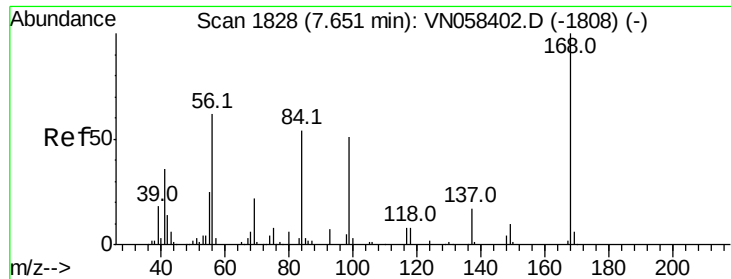
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100719\
Data File : VN058580.D
Acq On : 7 Oct 2019 20:28
Operator : JC/SP
Sample : K5141-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Oct 08 14:07:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
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: VN058580.D

Acq: 7 Oct 2019 20:28

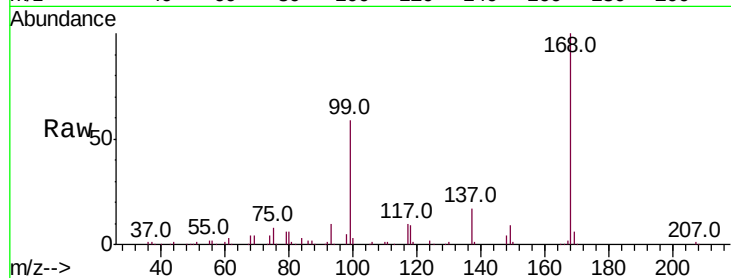
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 491484

Ion Ratio Lower Upper

168 100

99 59.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

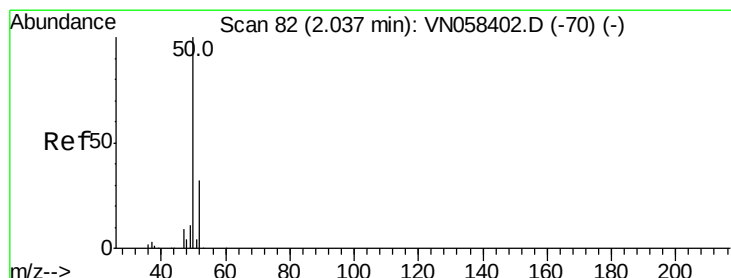
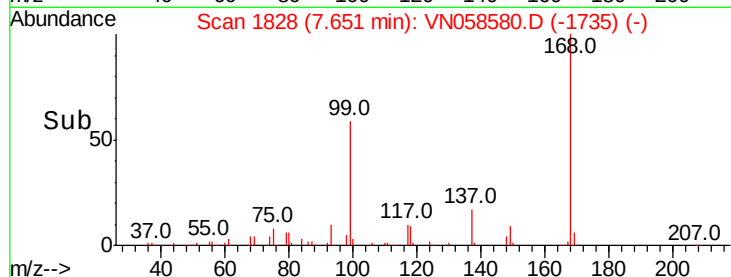
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.348 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058580.D

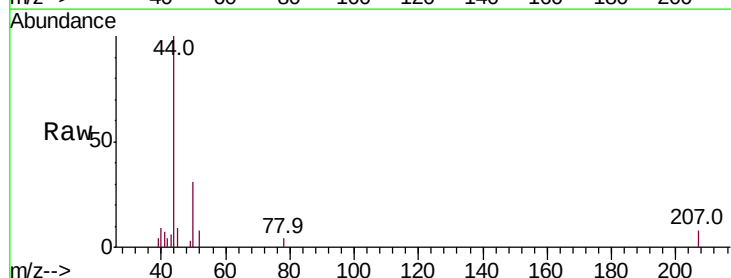
Acq: 7 Oct 2019 20:28

Tgt Ion: 50 Resp: 2061

Ion Ratio Lower Upper

50 100

52 26.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

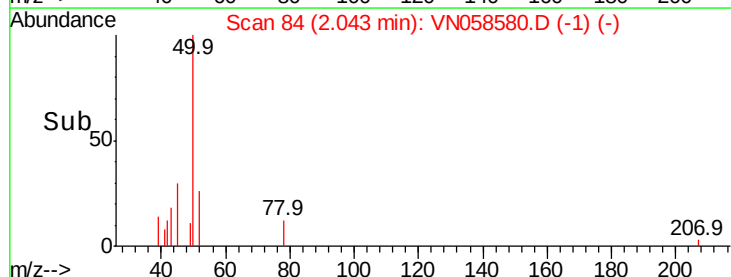
1500

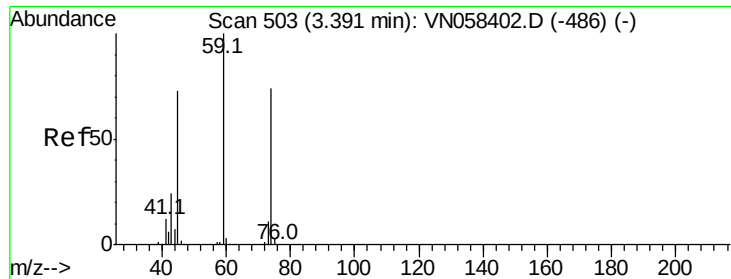
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.537 ug/l

RT: 3.38 min Scan# 501

Delta R.T. -0.01 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

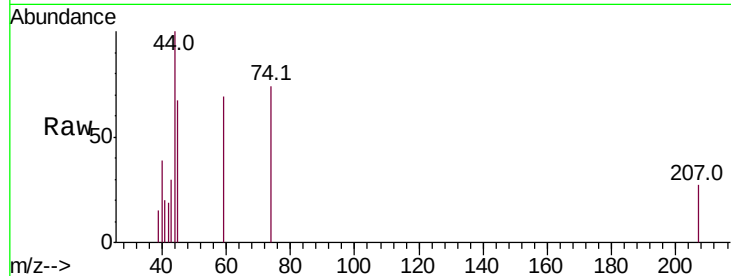
ClientSampleId :

Tot Ion: 74 Resp: 1622

Ion Ratio Lower Upper

74 100

45 123.6 50.5 151.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.38

800

600

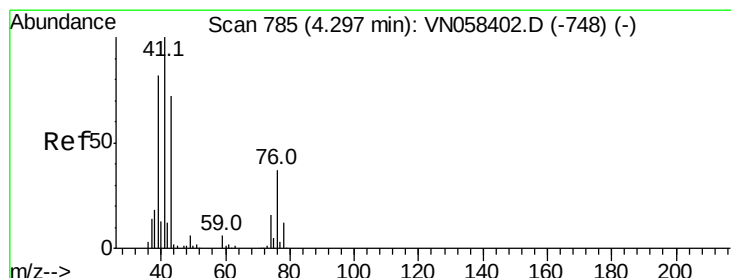
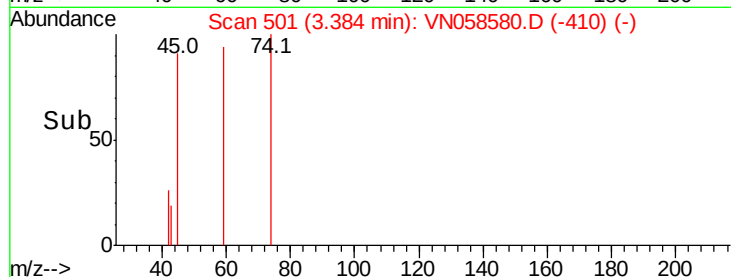
400

200

0

3.35 3.40

Time-->



#14

Allyl chloride

Concen: 7.596 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.23 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

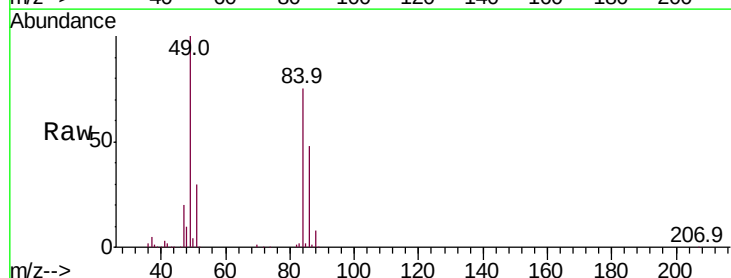
Tgt Ion: 41 Resp: 64092

Ion Ratio Lower Upper

41 100

39 0.6 62.3 93.5#

76 0.0 26.9 40.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

25000

20000

15000

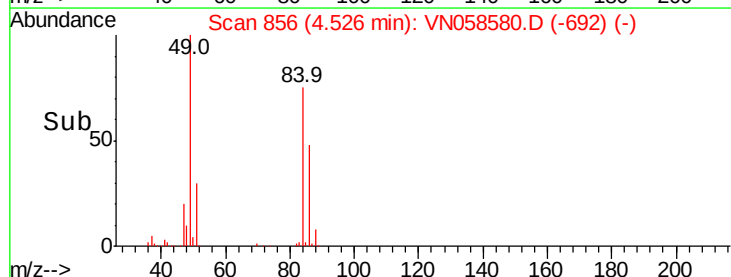
10000

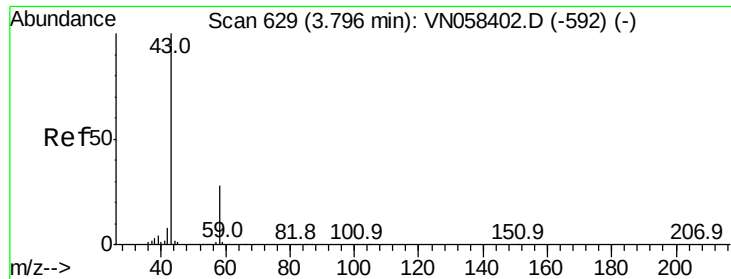
5000

0

4.40 4.45 4.50 4.55 4.60

Time-->

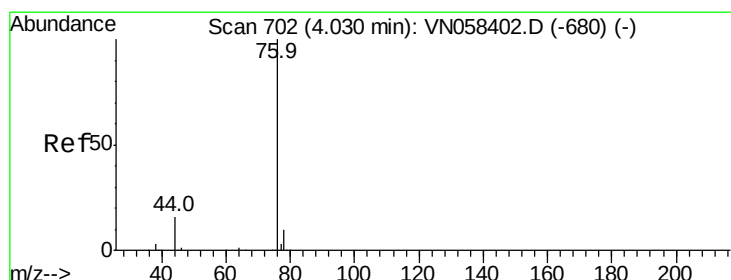
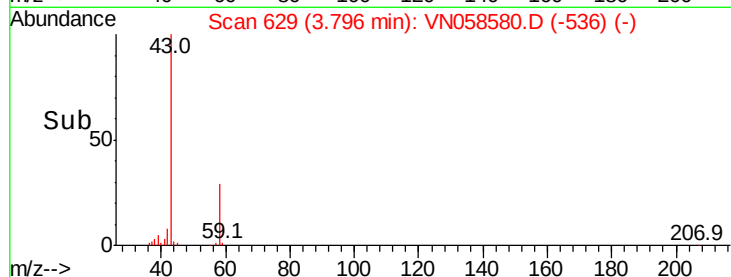
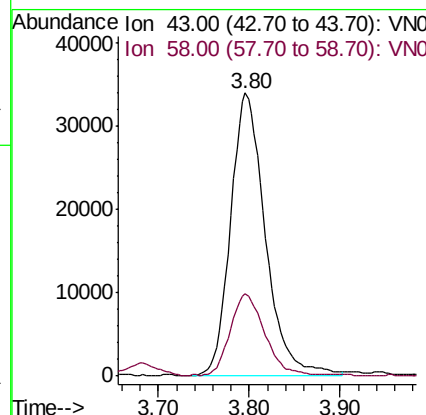
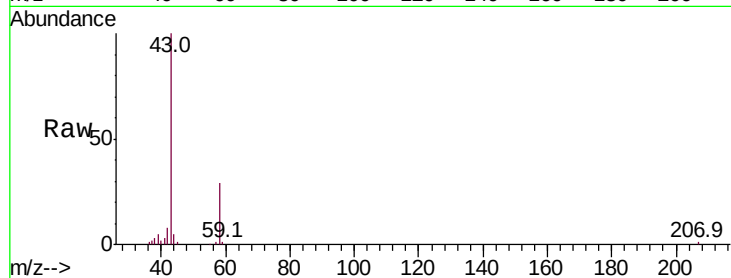




#16
Acetone
Concen: 36.936 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

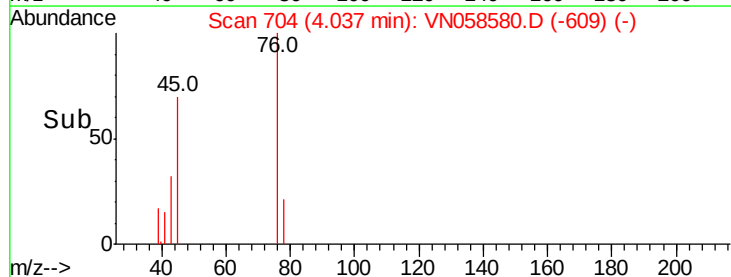
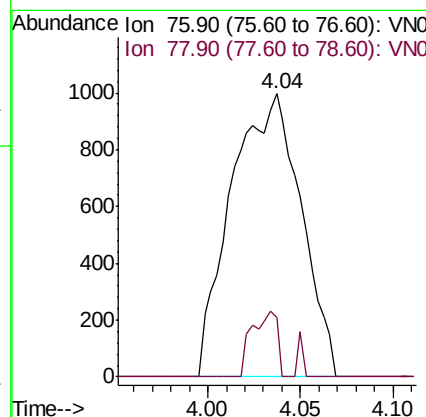
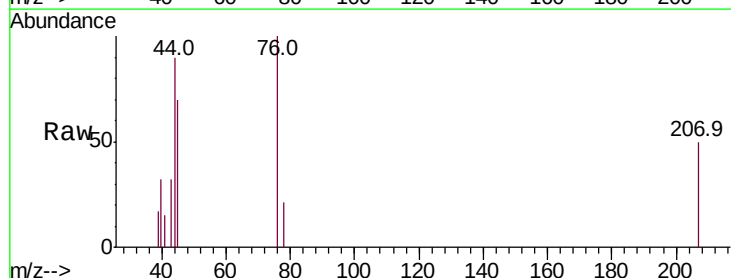
Instrument :
MSVOA_N
ClientSampleId :

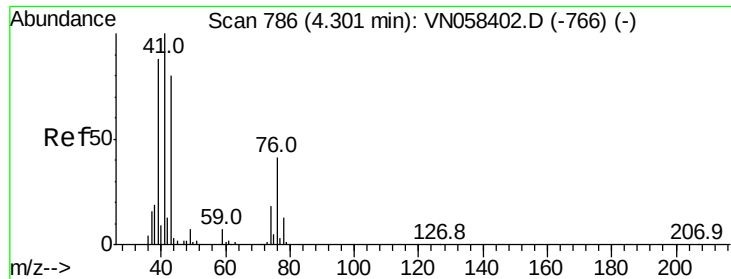
Tot Ion: 43 Resp: 90432
Ion Ratio Lower Upper
43 100
58 28.6 22.4 33.6



#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Tgt Ion: 76 Resp: 2599
Ion Ratio Lower Upper
76 100
78 20.8 7.7 11.5#

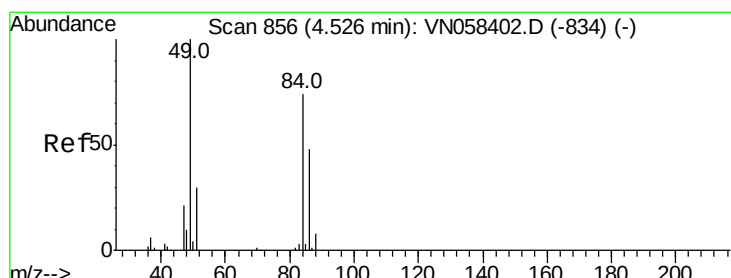
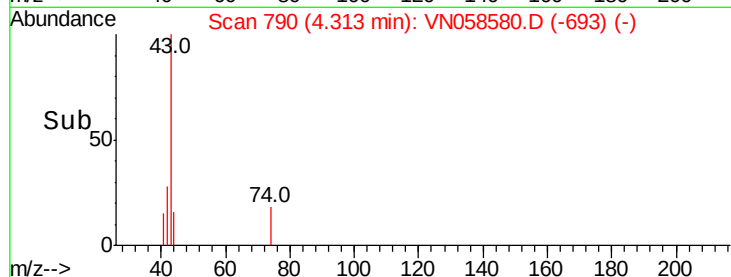
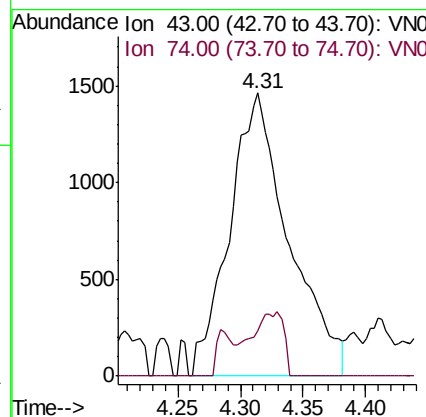
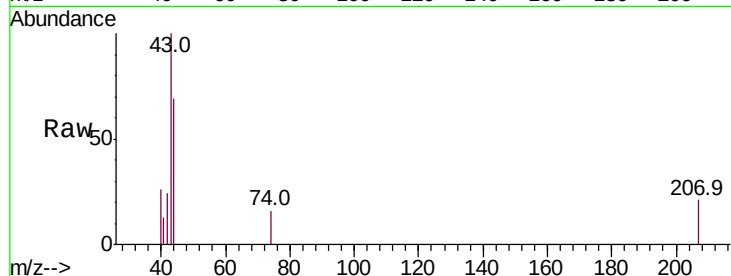




#18
Methvl Acetate
Concen: 0.783 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

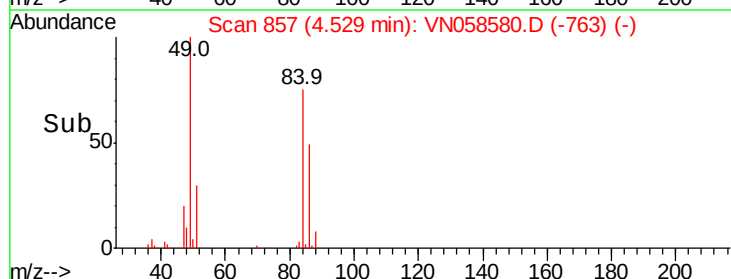
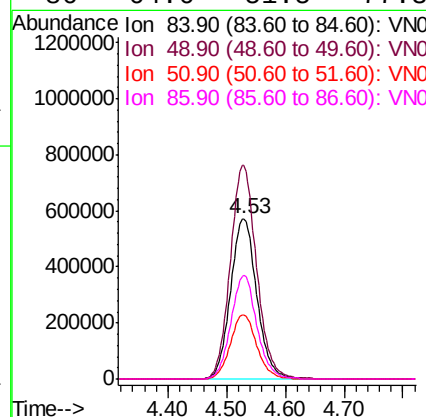
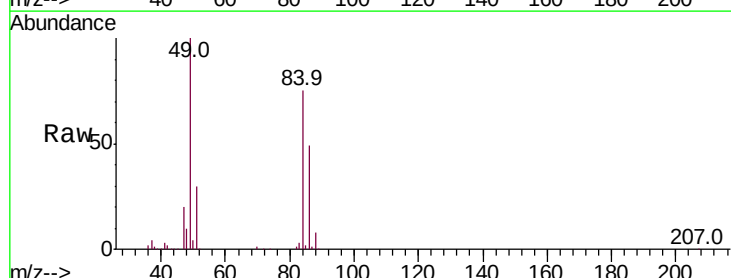
Instrument :
MSVOA_N
ClientSampleId :

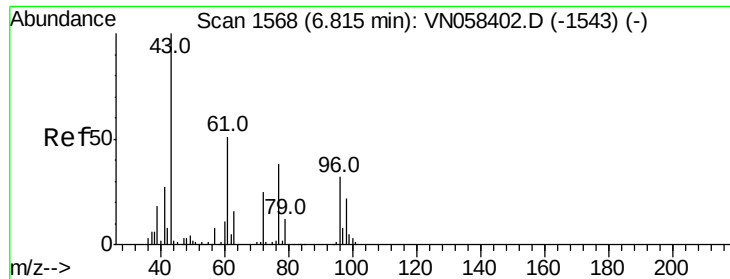
Tot Ion: 43 Resp: 4820
Ion Ratio Lower Upper
43 100
74 9.9 18.0 27.0#



#20
Methylene Chloride
Concen: 316.185 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Tgt Ion: 84 Resp: 1786493
Ion Ratio Lower Upper
84 100
49 133.1 107.9 161.9
51 39.7 32.8 49.2
86 64.6 51.5 77.3

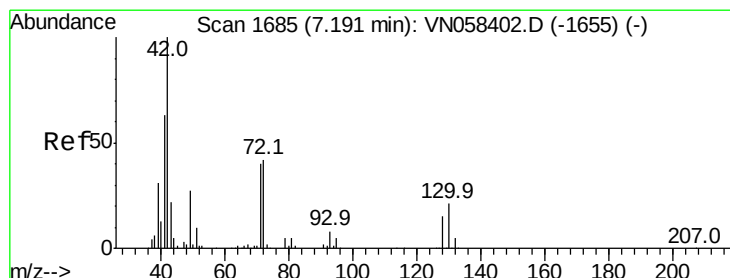
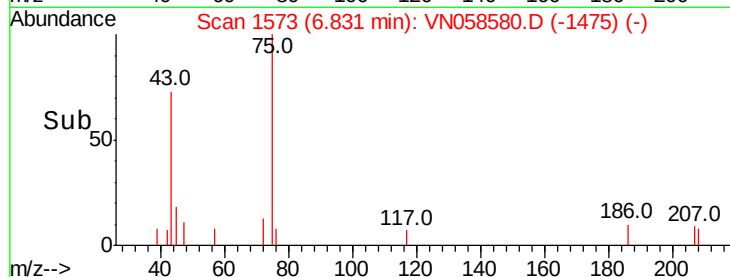
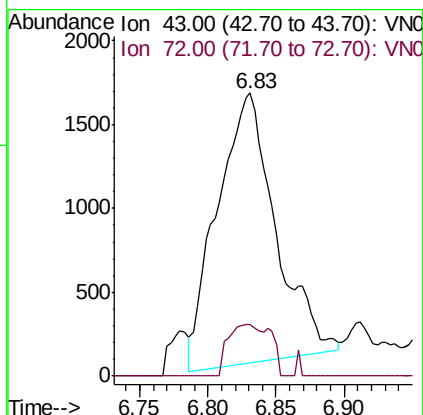
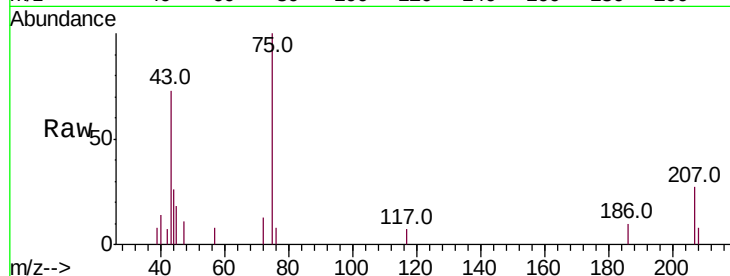




#25
2-Butanone
Concen: 1.429 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

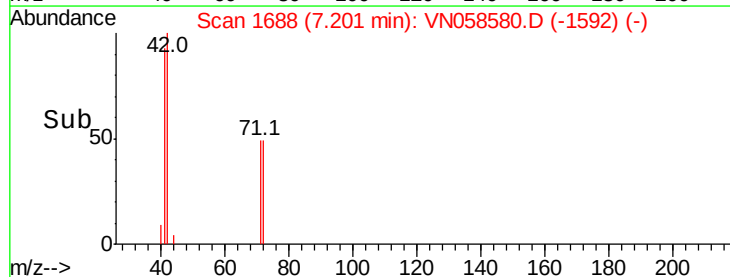
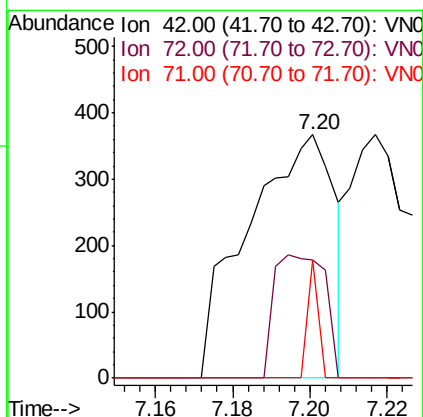
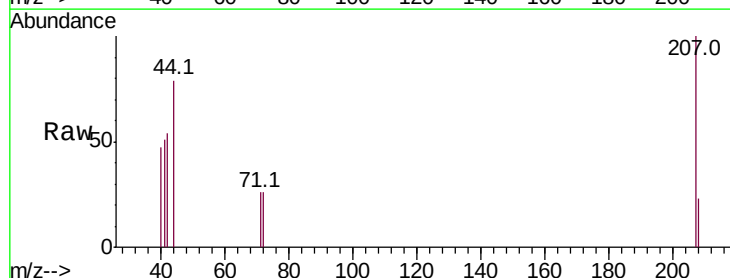
Instrument :
MSVOA_N
ClientSampleId :

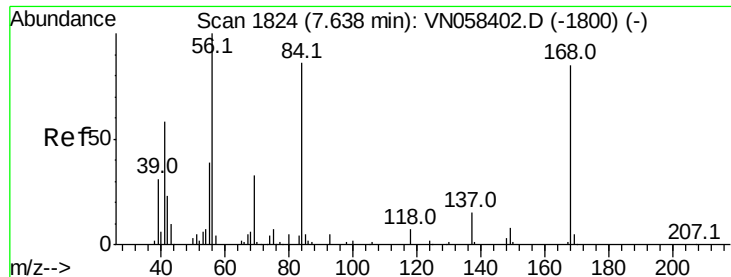
Tot Ion: 43 Resp: 4804
Ion Ratio Lower Upper
43 100
72 20.7 20.2 30.4



#29
Tetrahydrofuran
Concen: 0.268 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Tgt Ion: 42 Resp: 572
Ion Ratio Lower Upper
42 100
72 29.5 33.7 50.5#
71 5.9 31.8 47.6#





#31

Cyclohexane

Concen: 1.117 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :
MSVOA_N
ClientSampled :

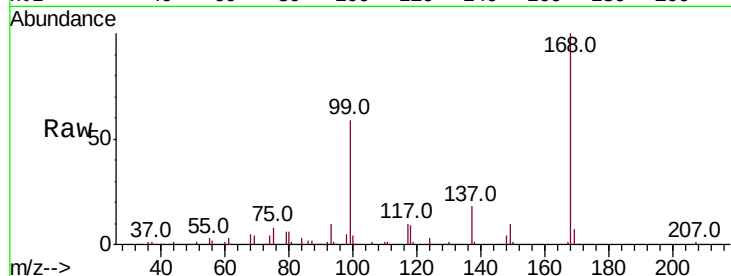
Tot Ion: 56 Resp: 11107

Ion Ratio Lower Upper

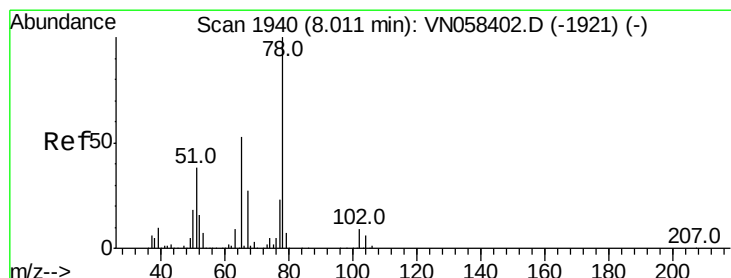
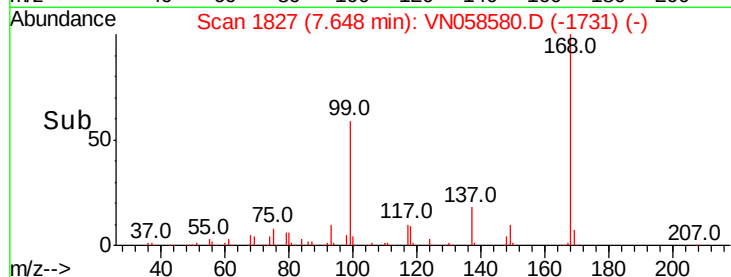
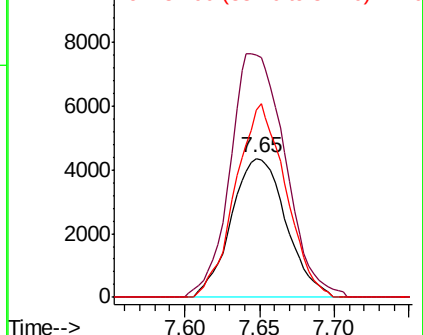
56 100

69 170.8 26.2 39.4#

84 134.4 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: 46.533 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058580.D

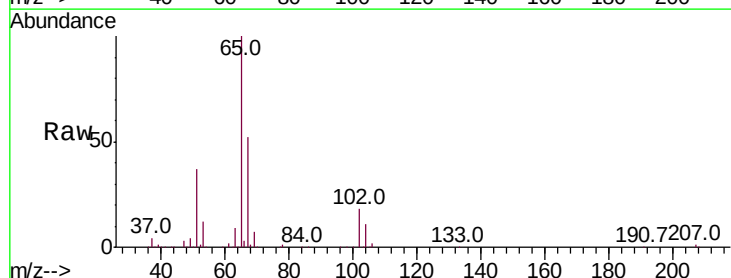
Acq: 7 Oct 2019 20:28

Tgt Ion: 65 Resp: 334208

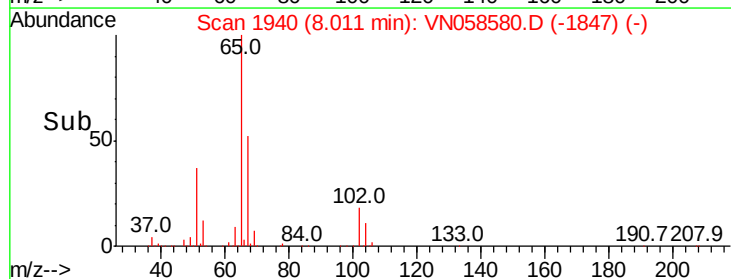
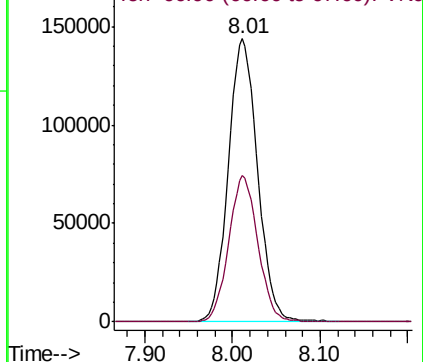
Ion Ratio Lower Upper

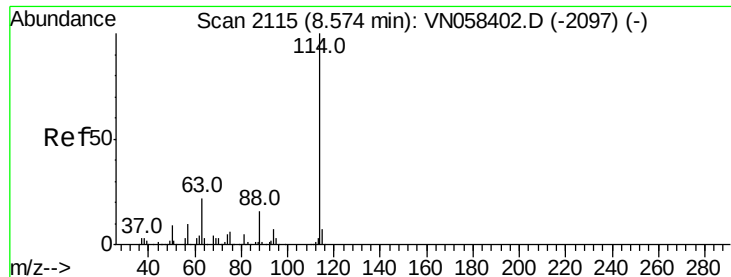
65 100

67 51.4 0.0 102.4



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

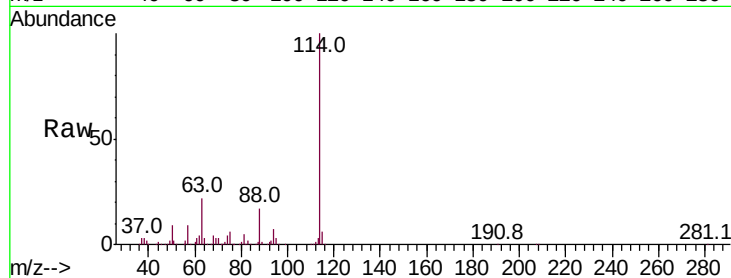




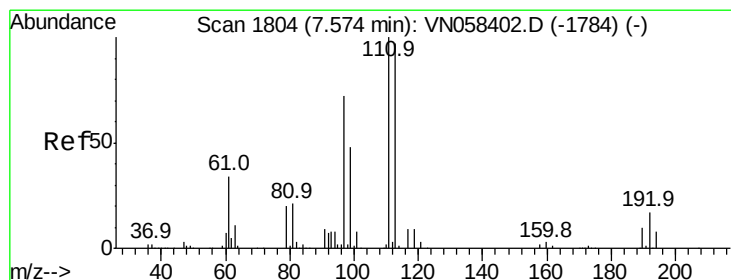
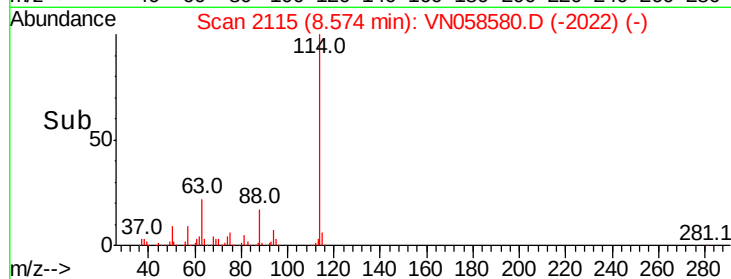
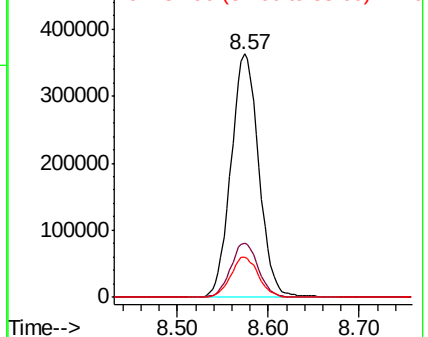
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058580.D
 Acq: 7 Oct 2019 20:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 772645
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.6 0.0 32.2

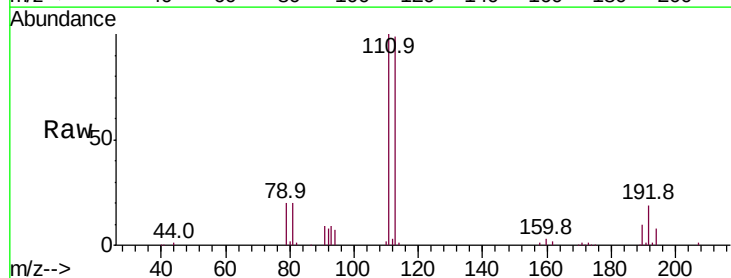


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

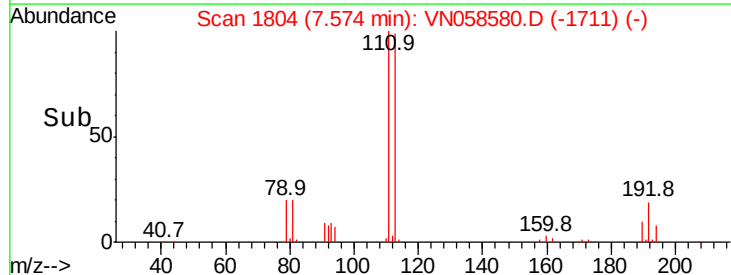
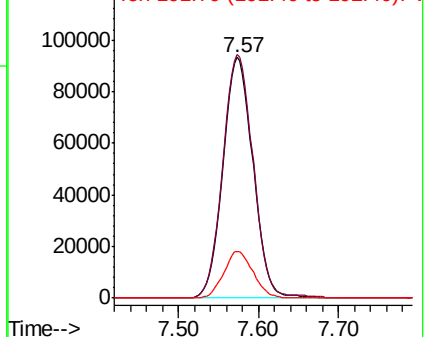


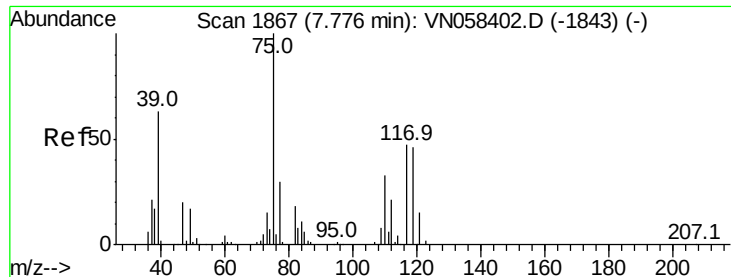
#35
 Dibromofluoromethane
 Concen: 50.505 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058580.D
 Acq: 7 Oct 2019 20:28

Tgt Ion:113 Resp: 239163
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.2
 192 18.8 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: 5.504 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

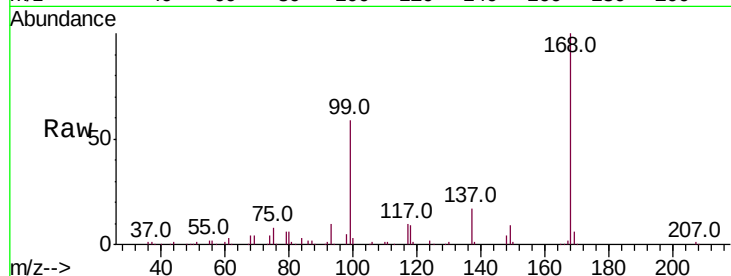
Tot Ion: 75 Resp: 40660

Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.2#

77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-1843) (-)

Ion 109.90 (109.60 to 110.60): VN058402.D (-1843) (-)

Ion 76.90 (76.60 to 77.60): VN058402.D (-1843) (-)

7.65

15000

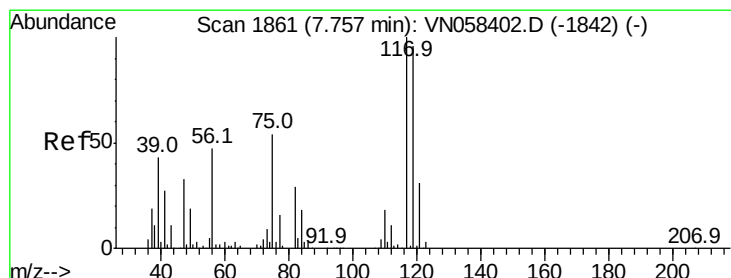
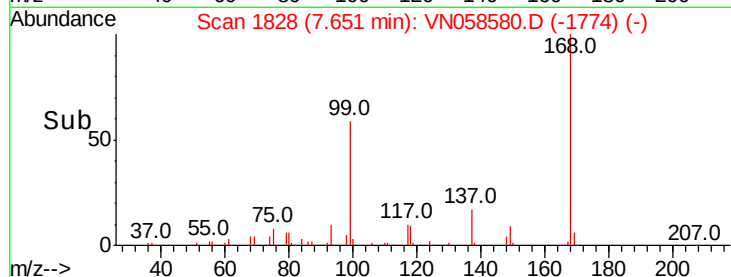
10000

5000

0

7.60 7.70

Time-->



#38

Carbon Tetrachloride

Concen: 7.241 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

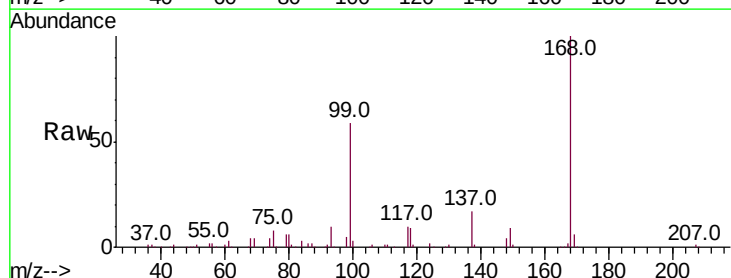
Tgt Ion: 117 Resp: 48286

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): VN058402.D (-1842) (-)

Ion 118.80 (118.50 to 119.50): VN058402.D (-1842) (-)

Ion 120.80 (120.50 to 121.50): VN058402.D (-1842) (-)

7.65

25000

20000

15000

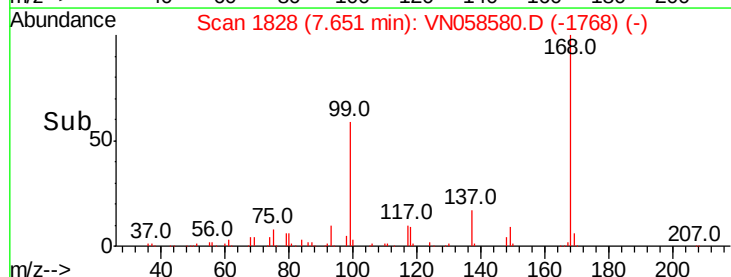
10000

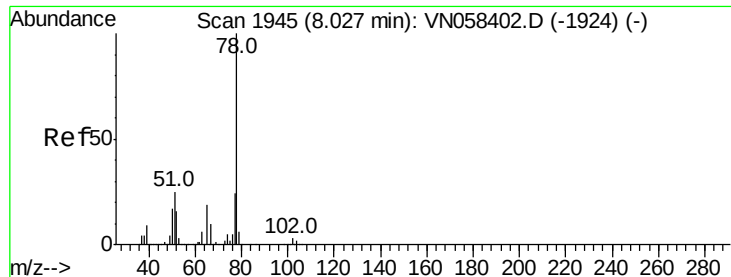
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#40

Benzene

Concen: 0.276 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

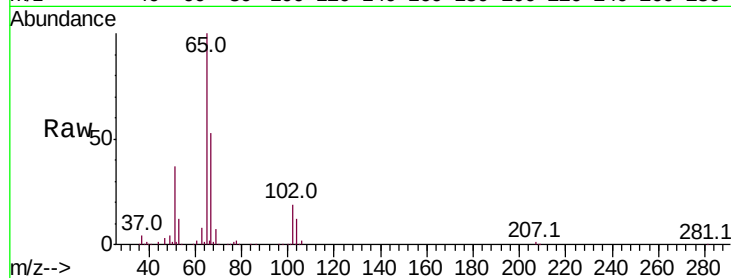
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 5867

Ion Ratio Lower Upper

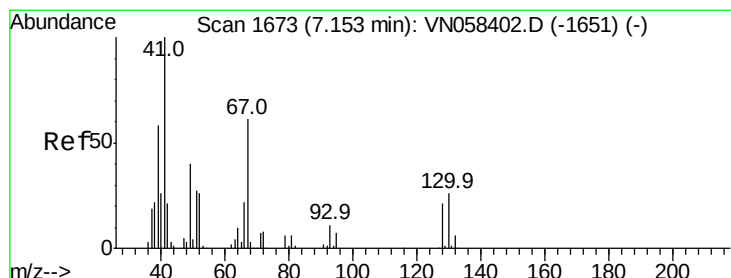
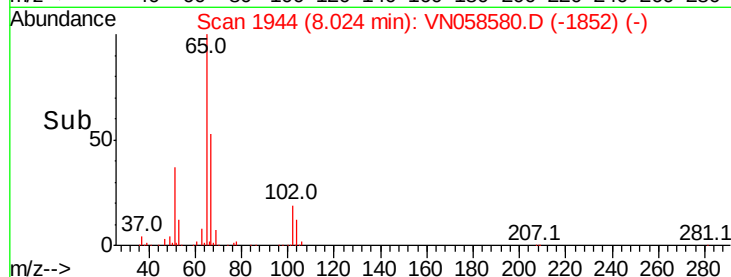
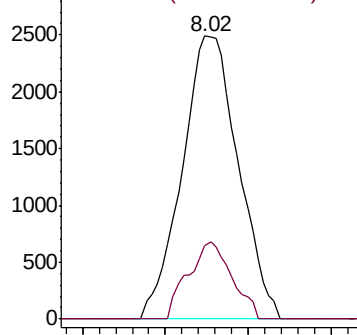
78 100

77 25.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VNO

Ion 77.00 (76.70 to 77.70): VNO



#41

Methacrylonitrile

Concen: 0.238 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.05 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Tgt Ion: 41 Resp: 687

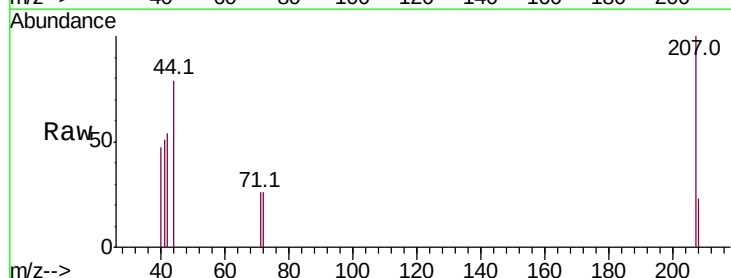
Ion Ratio Lower Upper

41 100

39 41.2 50.2 75.4#

67 0.0 70.2 105.4#

52 0.0 31.4 47.0#

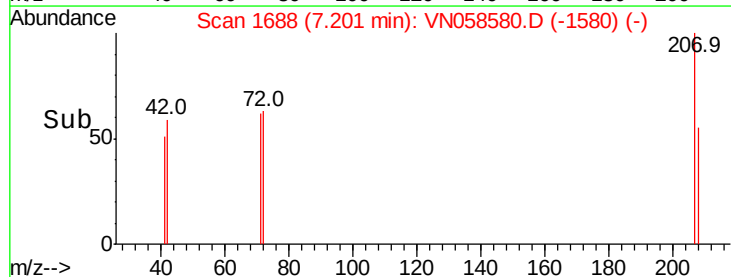
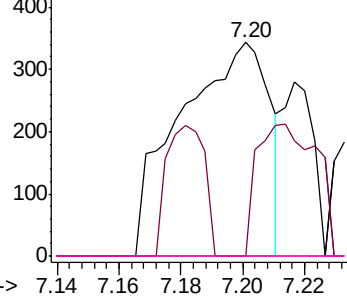


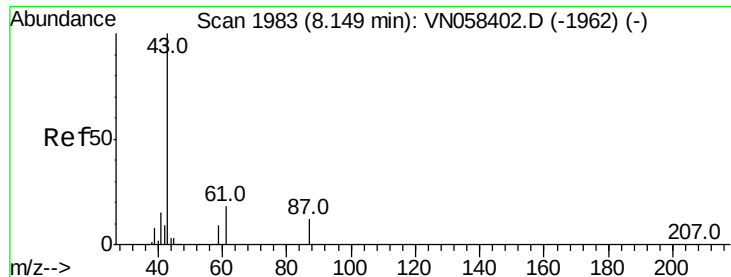
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 7.284 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

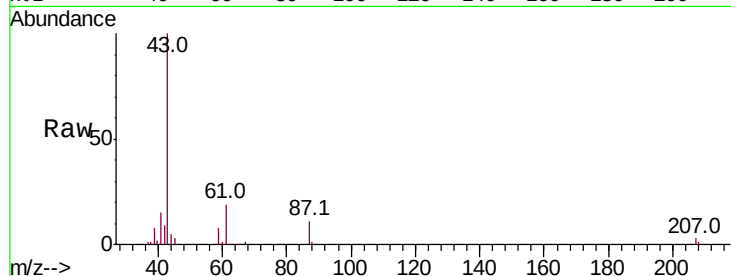
Tot Ion: 43 Resp: 85801

Ion Ratio Lower Upper

43 100

61 19.0 14.8 22.2

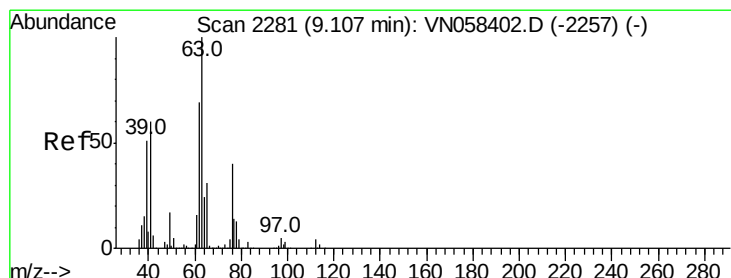
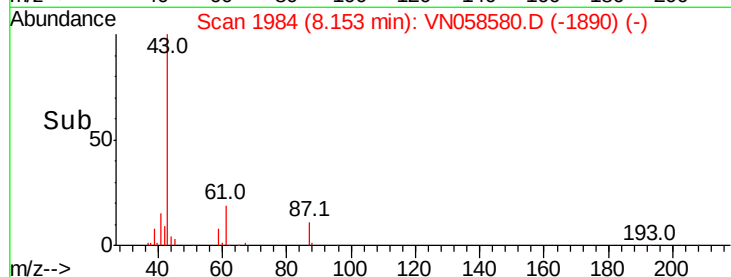
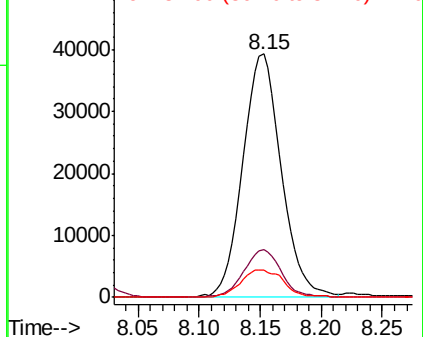
87 12.4 9.7 14.5



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: 0.255 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058580.D

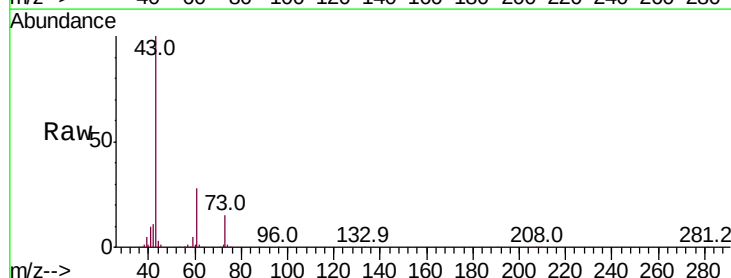
Acq: 7 Oct 2019 20:28

Tgt Ion: 63 Resp: 1450

Ion Ratio Lower Upper

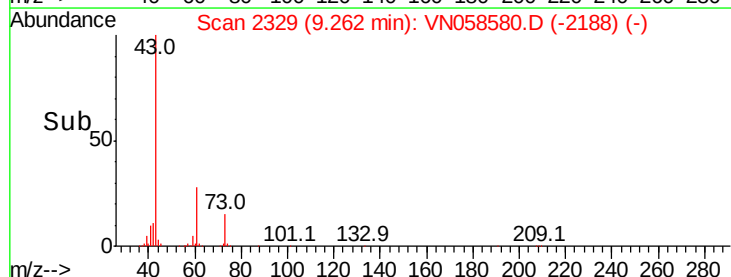
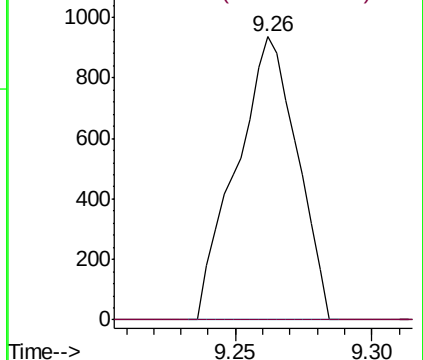
63 100

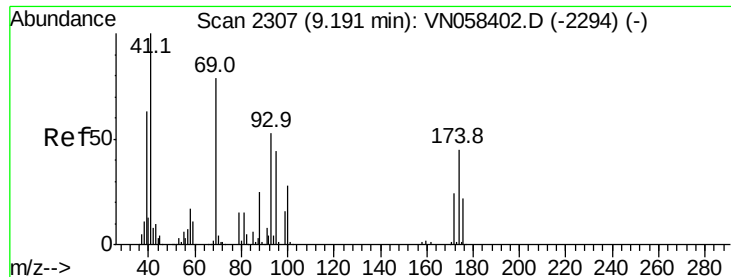
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

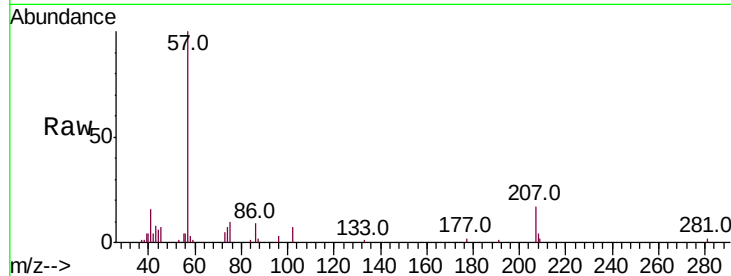




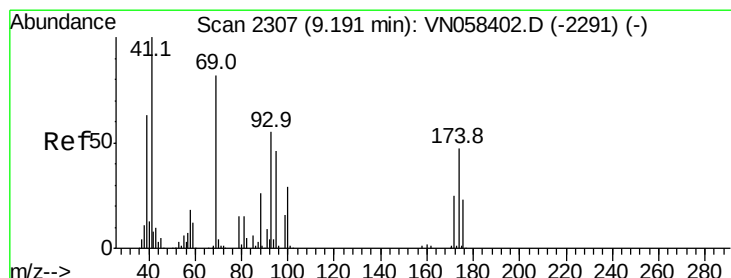
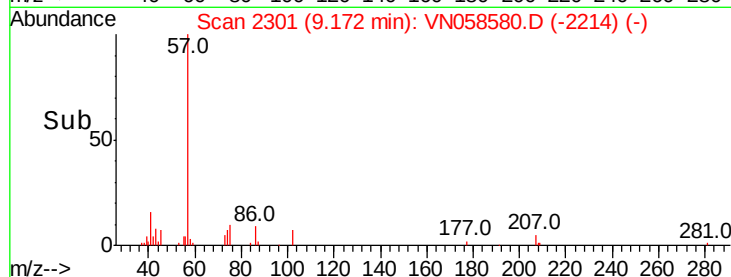
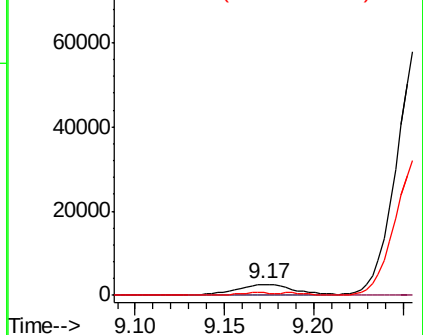
#48
Methvl methacrylate
Concen: 1.095 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 5872
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 0.0 52.9 79.3#

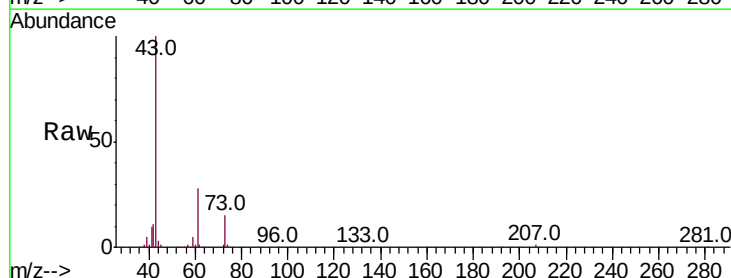


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

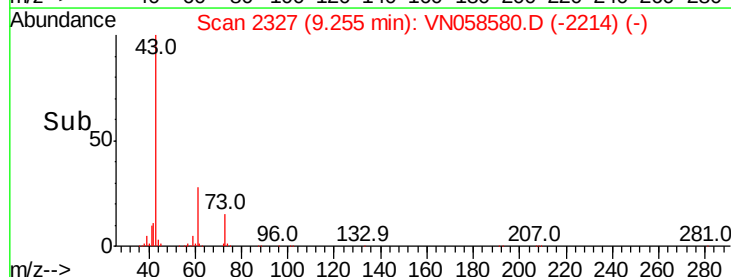
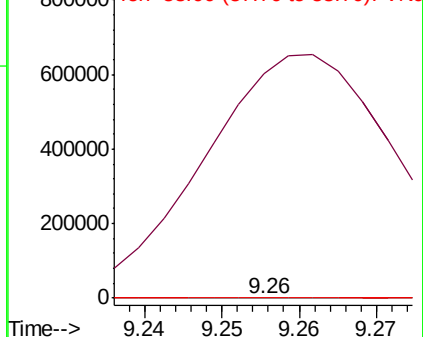


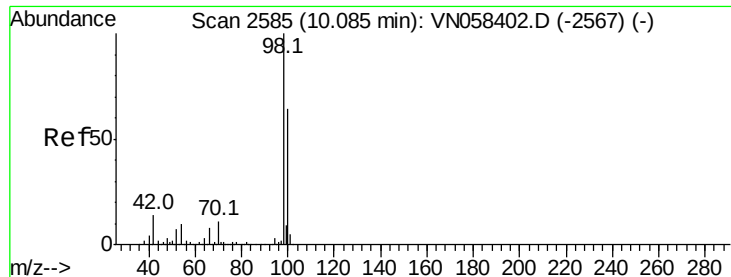
#49
1,4-Dioxane
Concen: 1.394 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 1215357.0 31.1 46.7#
58 4943.0 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: 51.716 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

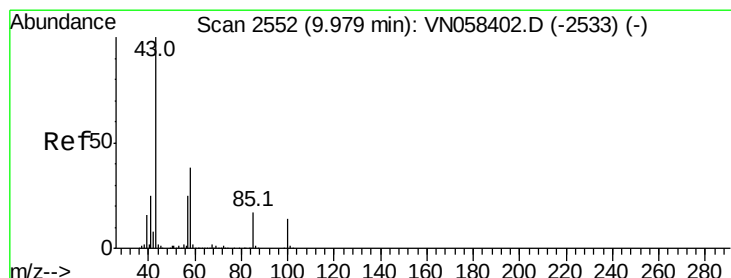
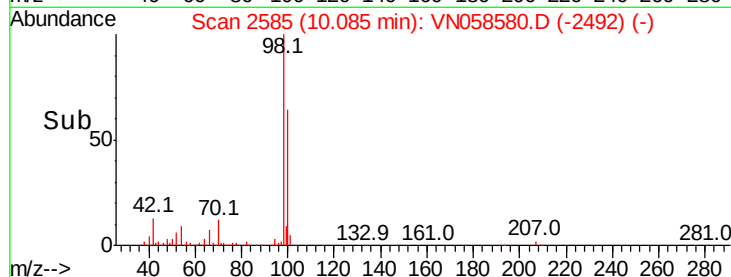
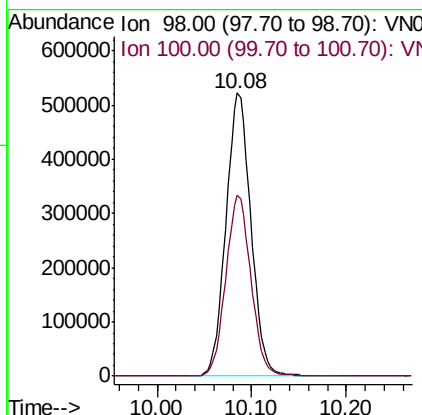
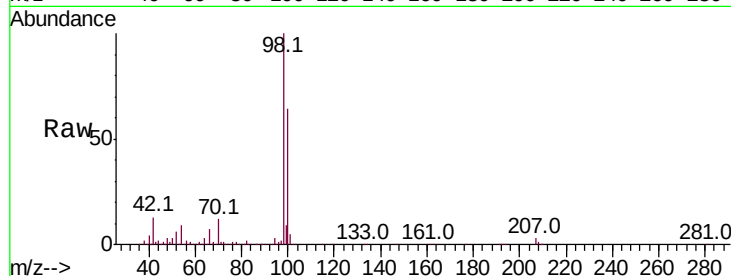
ClientSampled :

Tot Ion: 98 Resp: 959365

Ion Ratio Lower Upper

98 100

100 64.2 51.0 76.6



#51

4-Methyl-2-Pentanone

Concen: 1.092 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058580.D

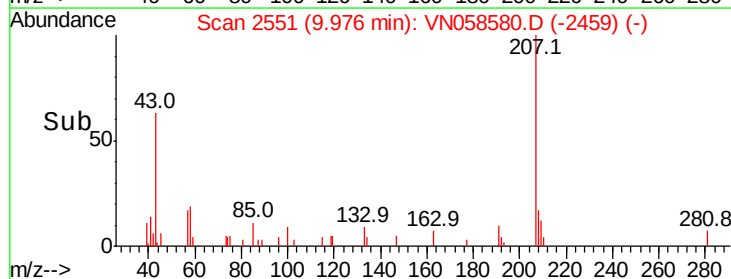
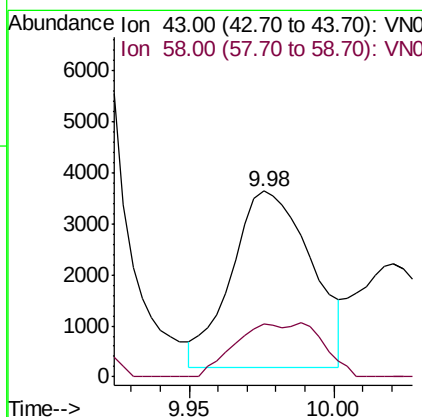
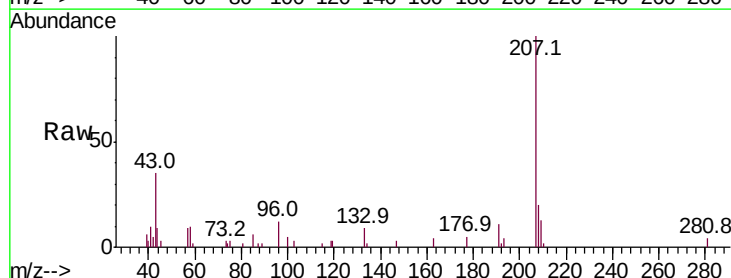
Acq: 7 Oct 2019 20:28

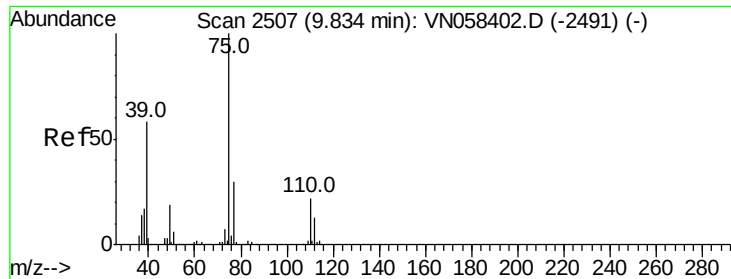
Tgt Ion: 43 Resp: 6607

Ion Ratio Lower Upper

43 100

58 18.8 30.2 45.2#





#54

cis-1,3-Dichloropropene

Concen: 4.925 ug/l

RT: 9.90 min Scan# 2528

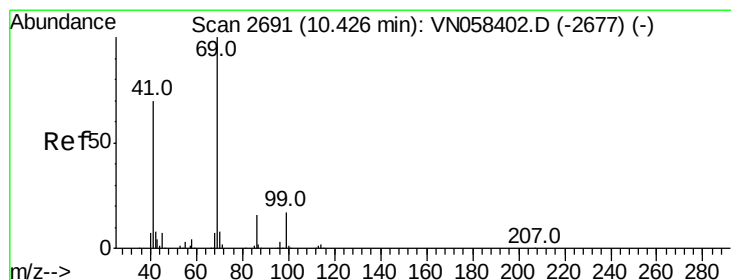
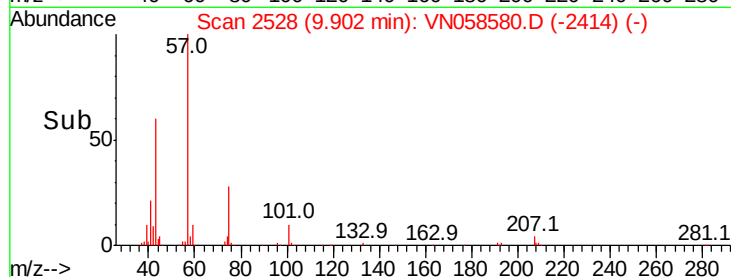
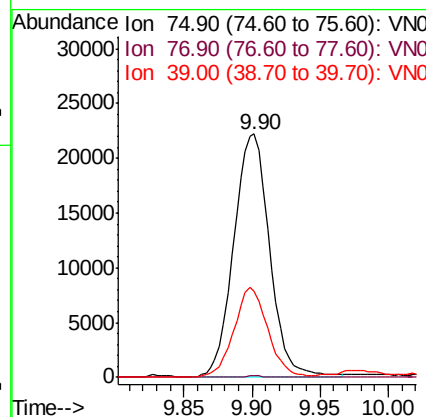
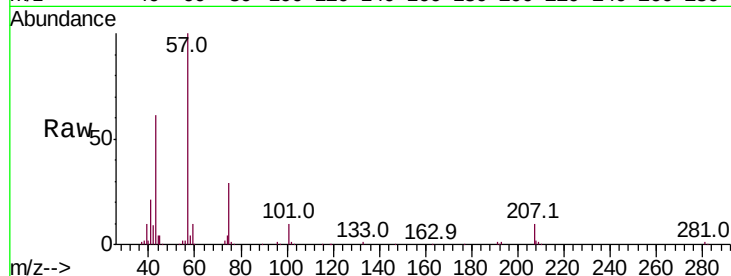
Delta R.T. 0.07 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.2	36.4#
39	35.2	46.4	69.6#



#56

Ethyl methacrylate

Concen: 0.207 ug/l

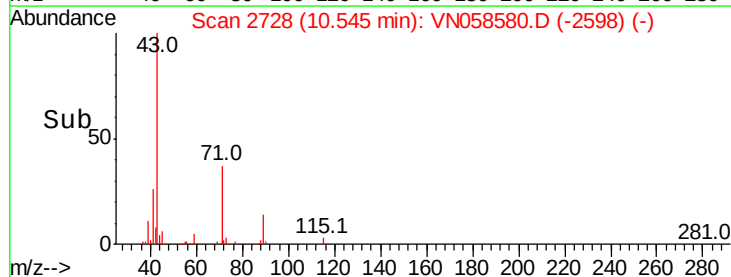
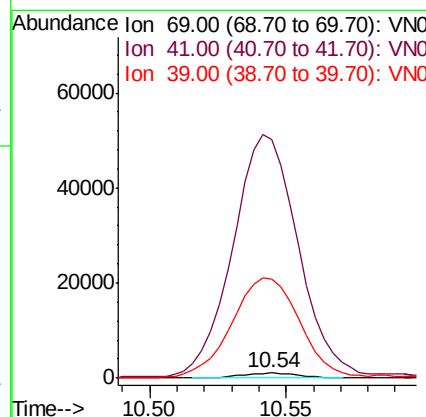
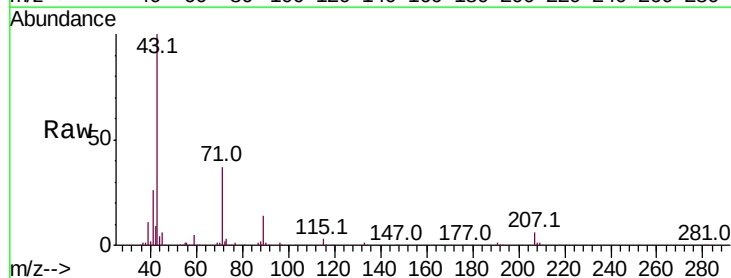
RT: 10.54 min Scan# 2728

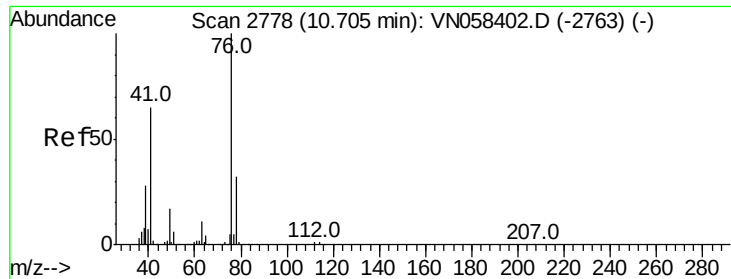
Delta R.T. 0.12 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	5712.0	56.3	84.5#
39	2410.9	35.8	53.6#





#57

1,3-Dichloropropane

Concen: 0.694 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

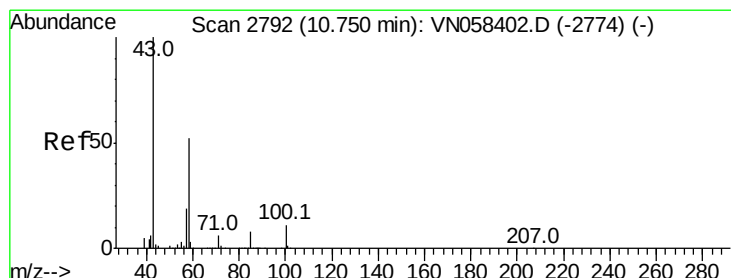
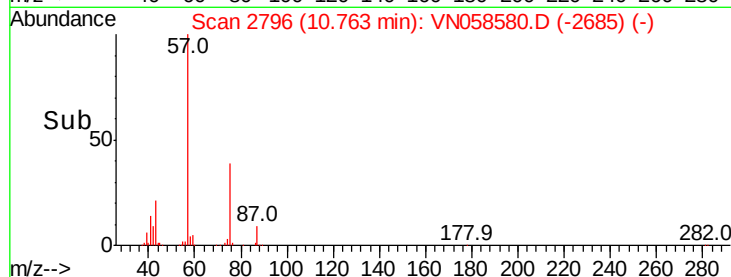
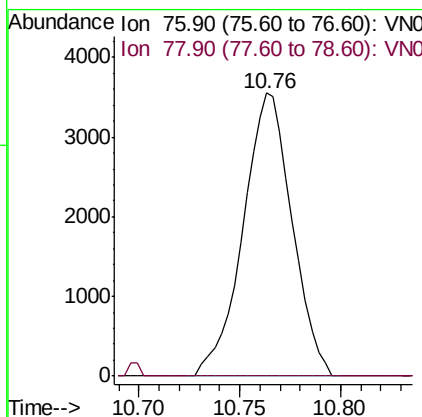
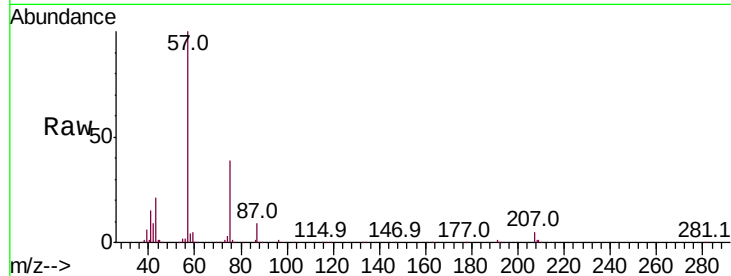
ClientSampleId :

Tot Ion: 76 Resp: 6023

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 20.148 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058580.D

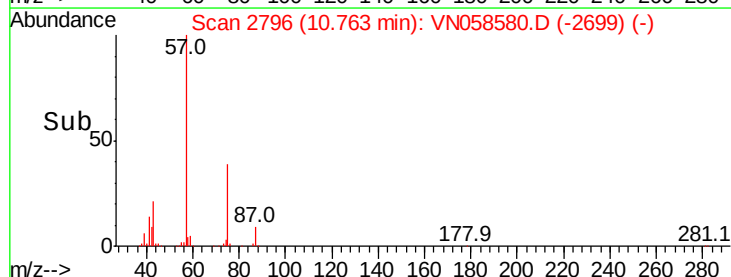
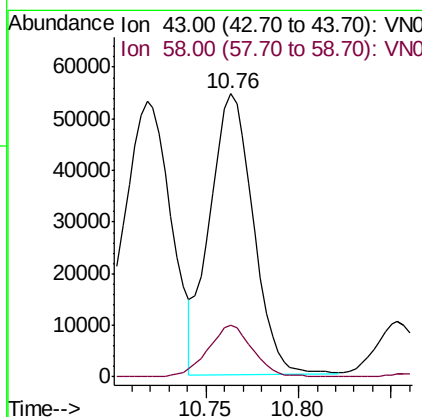
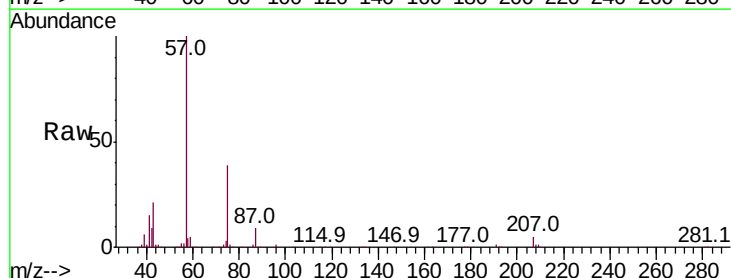
Acq: 7 Oct 2019 20:28

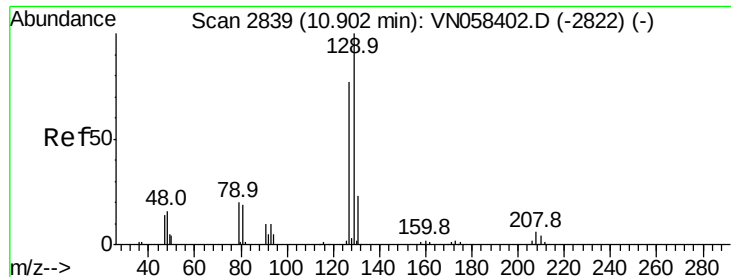
Tgt Ion: 43 Resp: 88763

Ion Ratio Lower Upper

43 100

58 19.0 25.8 77.3#





#60

Dibromochloromethane

Concen: Below Cal

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

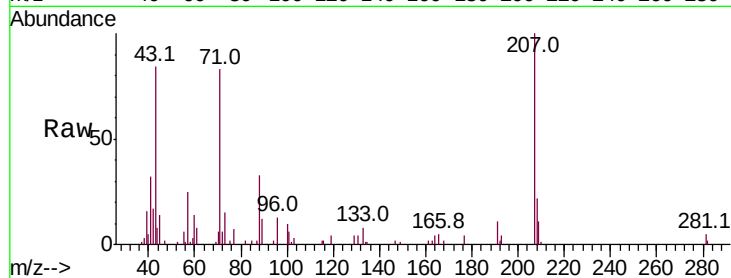
ClientSampleId :

Tot Ion:129 Resp: 947

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

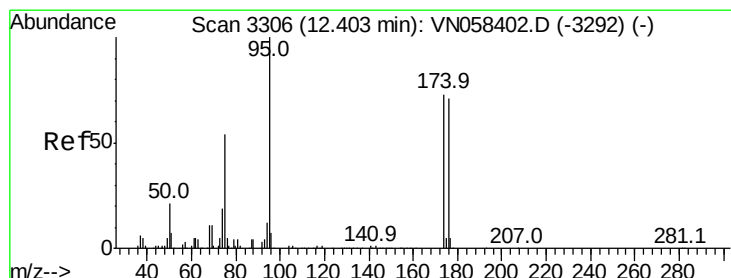
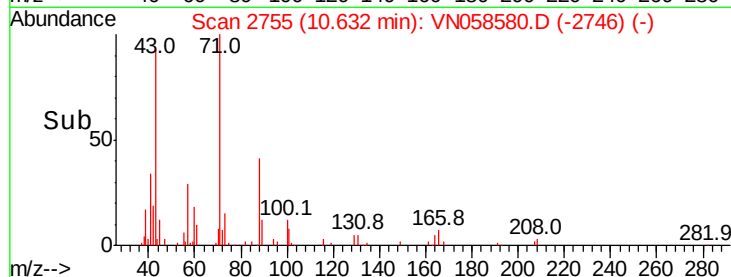
600

400

200

0

Time--> 10.60 10.65



#62

4-Bromofluorobenzene

Concen: 48.863 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

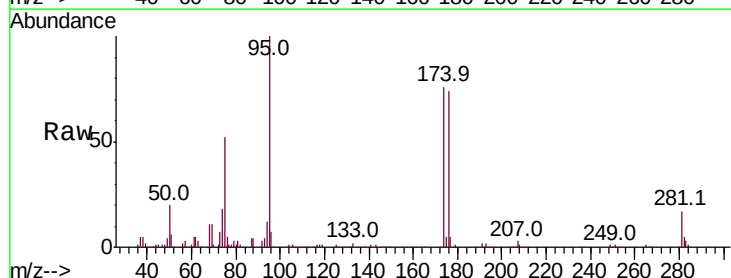
Tgt Ion: 95 Resp: 327755

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 73.8 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

250000

200000

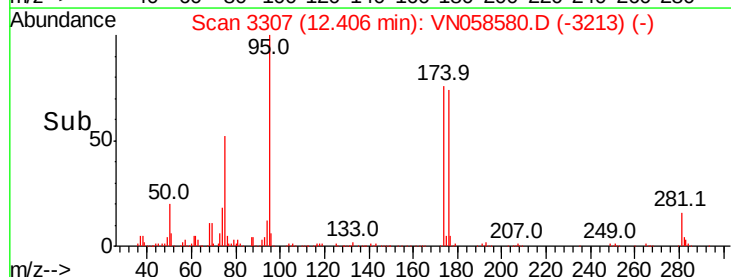
150000

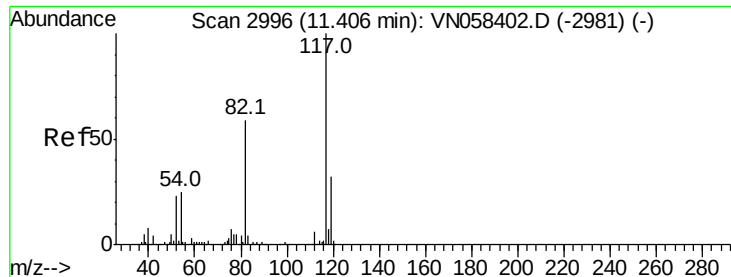
100000

50000

0

Time--> 12.30 12.40 12.50

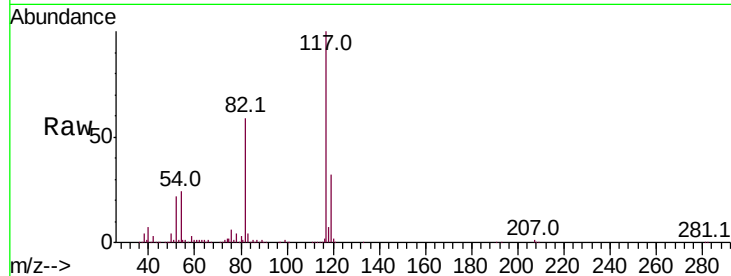




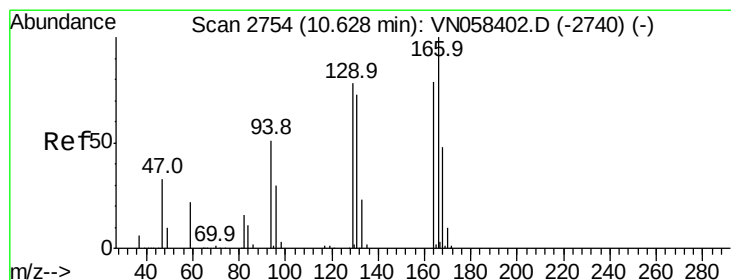
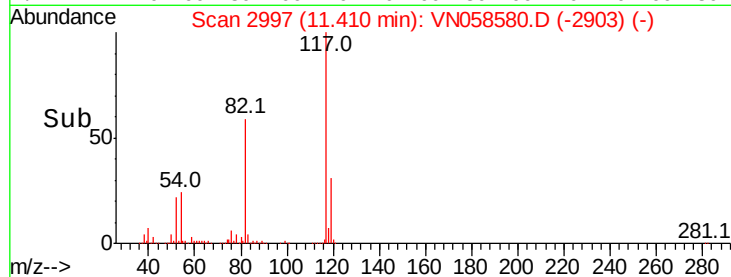
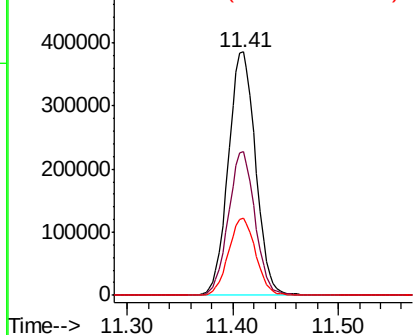
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 687867
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.5 25.5 38.3

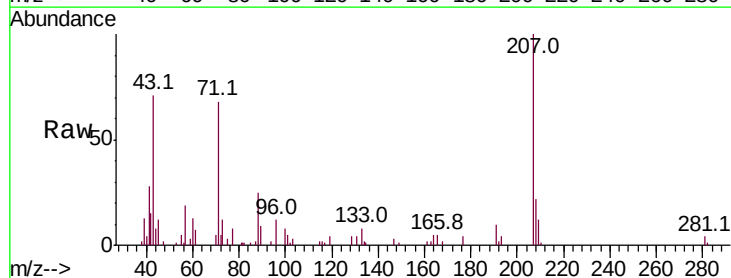


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

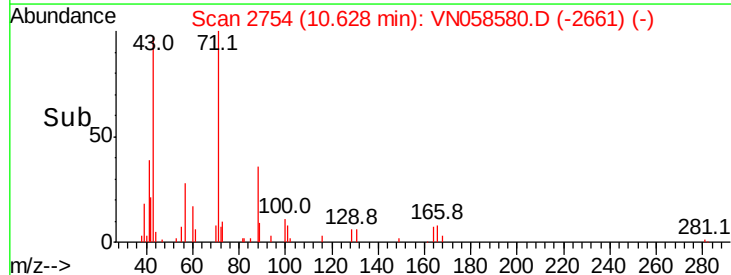
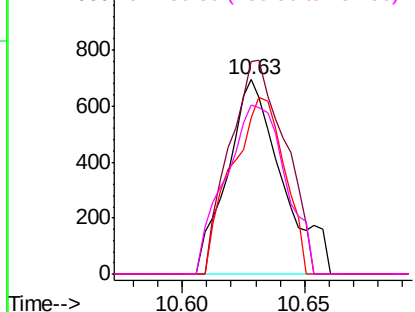


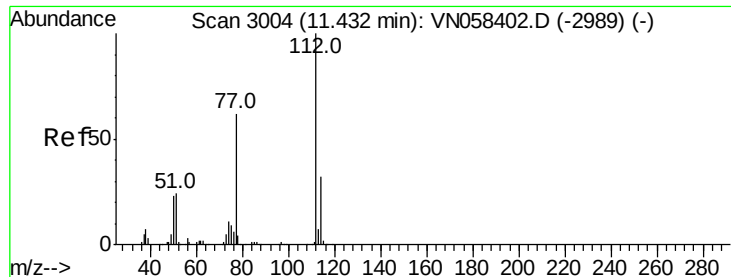
#64
Tetrachloroethene
Concen: 0.246 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058580.D
Acq: 7 Oct 2019 20:28

Tgt Ion:164 Resp: 1076
Ion Ratio Lower Upper
164 100
166 109.4 101.1 151.7
129 80.1 79.2 118.8
131 86.8 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





#65

Chlorobenzene

Concen: 1.393 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

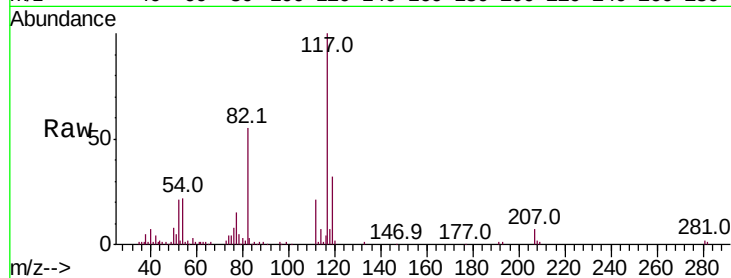
ClientSampleId :

Tot Ion:112 Resp: 19048

Ion Ratio Lower Upper

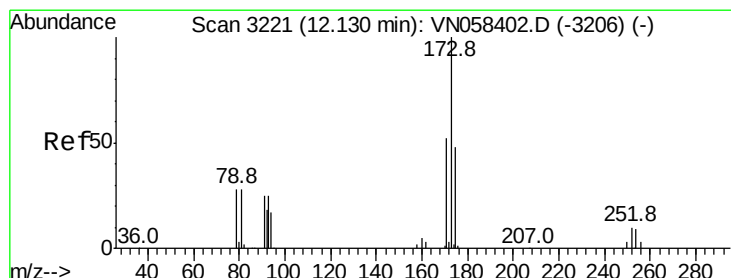
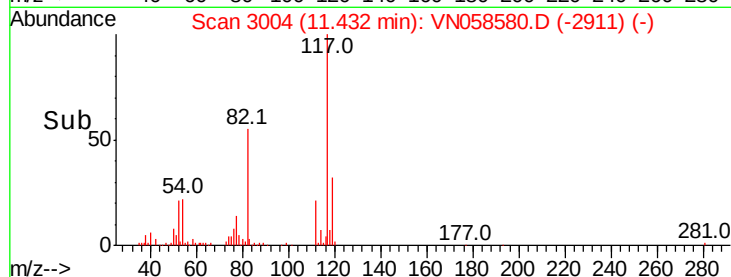
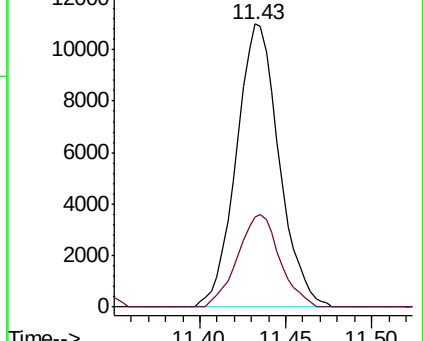
112 100

114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.942 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

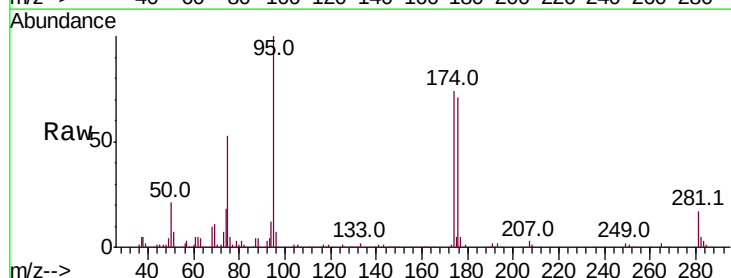
Tgt Ion:173 Resp: 798

Ion Ratio Lower Upper

173 100

175 1879.4 24.3 73.0#

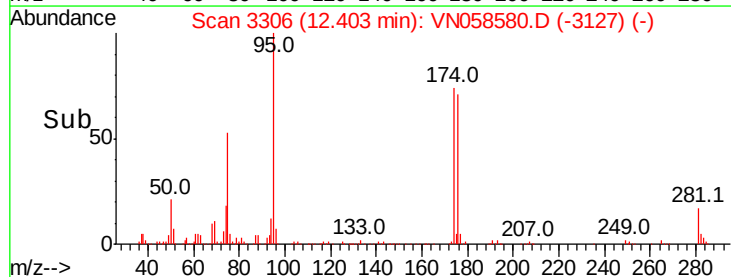
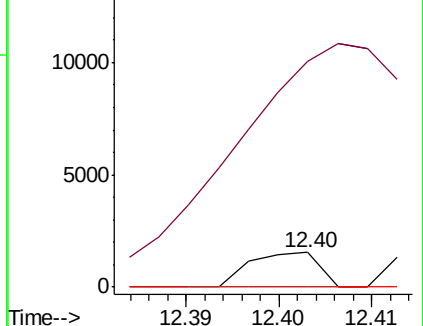
254 0.0 0.1 0.1#

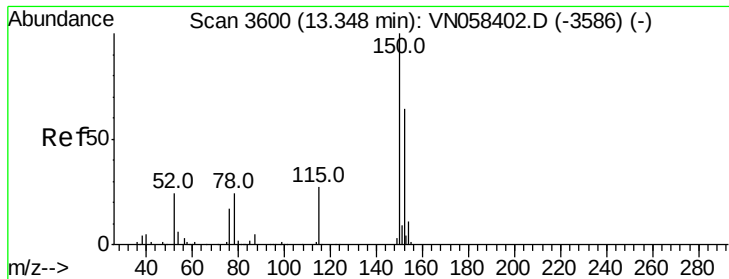


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3601

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

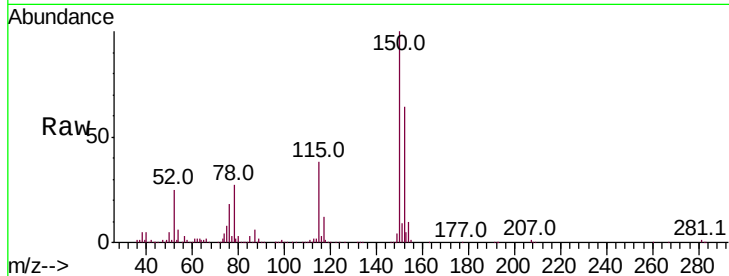
Tot Ion:152 Resp: 282701

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

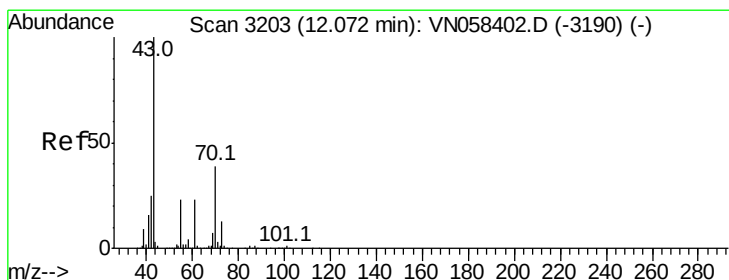
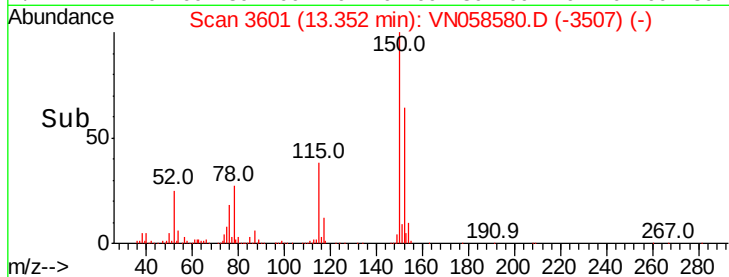
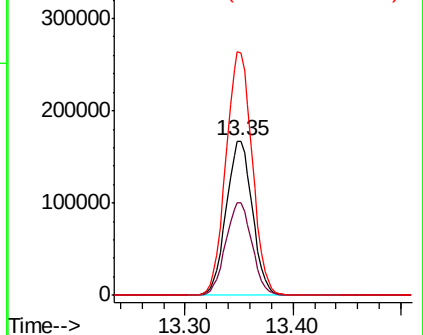
150 158.7 0.0 348.2



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: 0.517 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Tgt Ion: 43 Resp: 4297

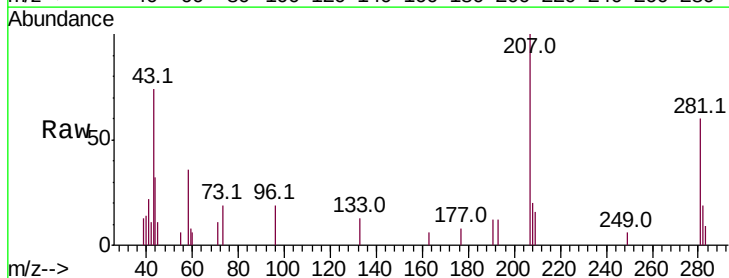
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 4.0 18.2 27.4#

61 0.0 18.3 27.5#

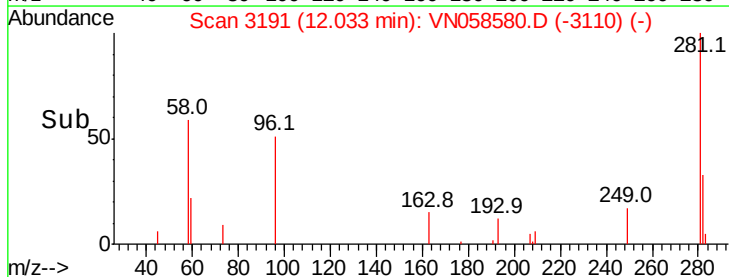
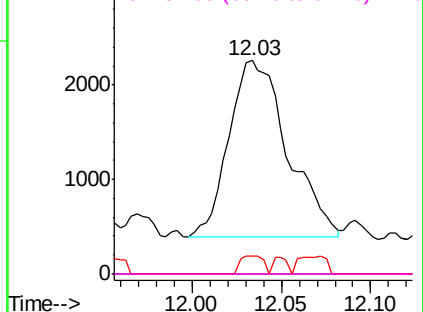


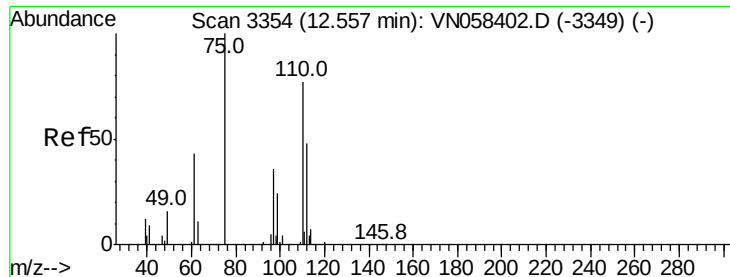
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 32.994 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

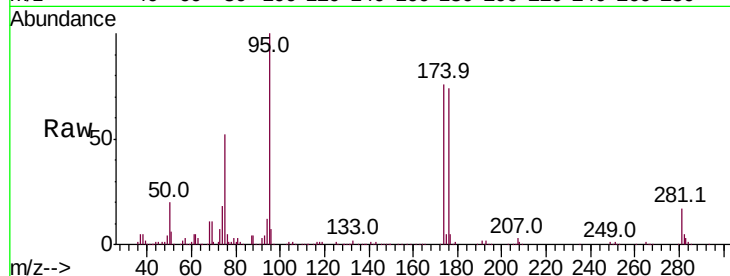
ClientSampled :

Tot Ion: 75 Resp: 170365

Ion Ratio Lower Upper

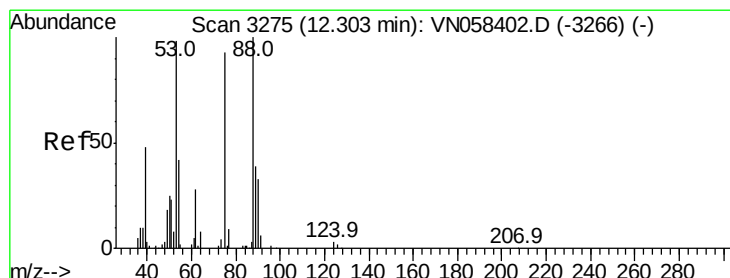
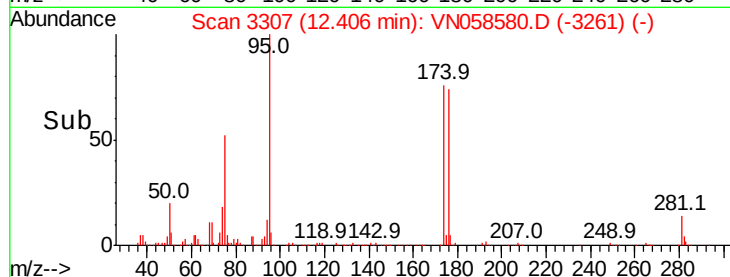
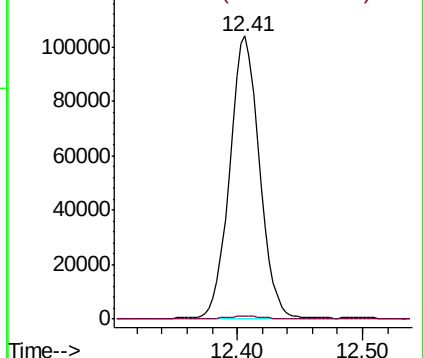
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 100.206 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

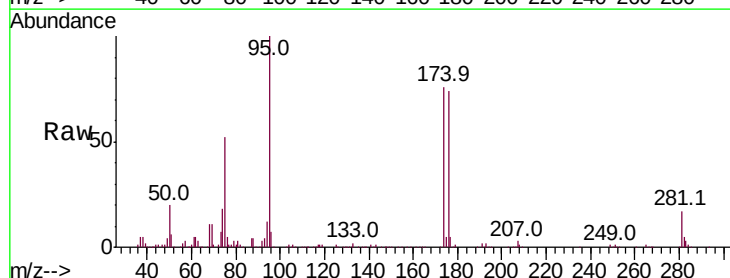
Tgt Ion: 75 Resp: 170365

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

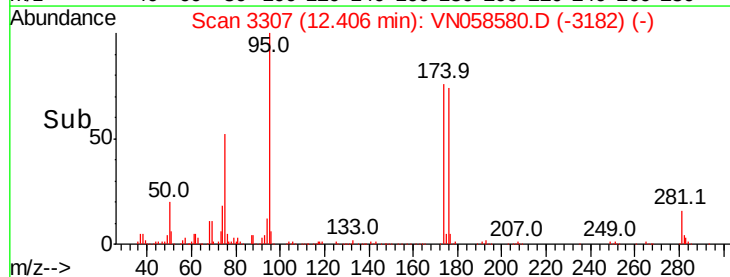
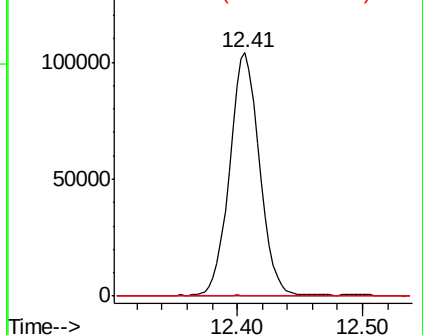
89 0.3 35.0 52.4#

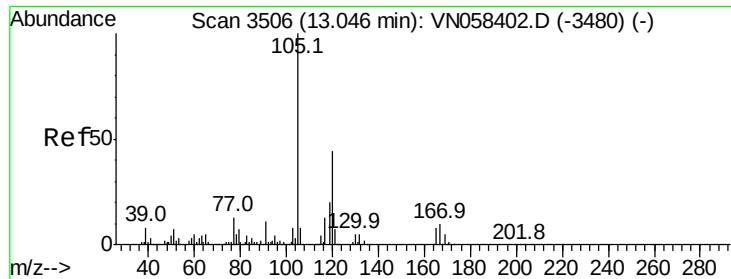


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#84

1,2,4-Trimethylbenzene

Concen: 0.297 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

Instrument :

MSVOA_N

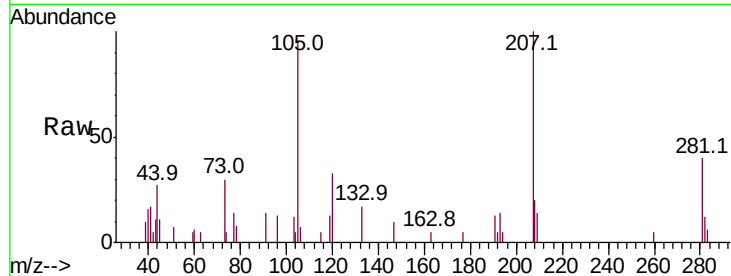
ClientSampleId :

Tot Ion:105 Resp: 5208

Ion Ratio Lower Upper

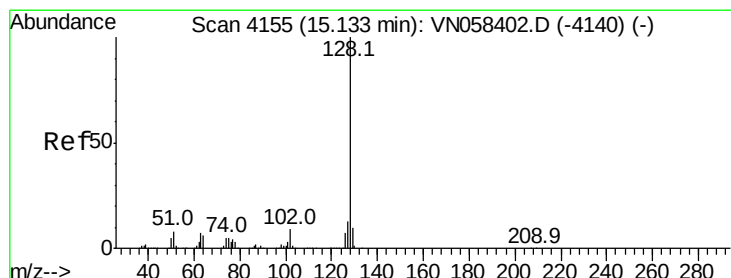
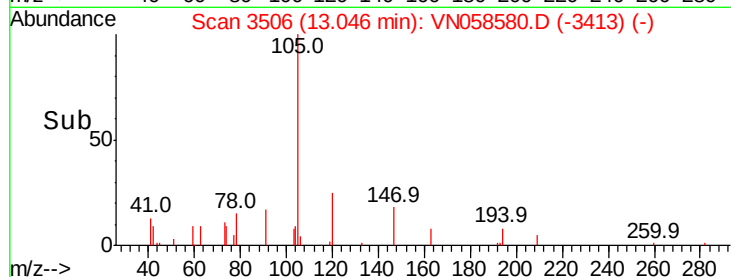
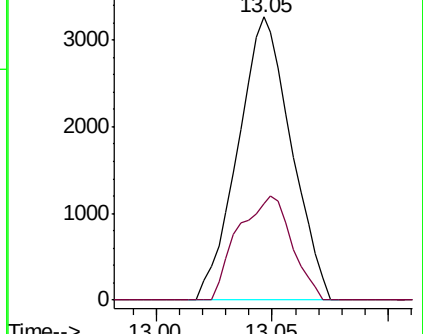
105 100

120 36.9 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.798 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058580.D

Acq: 7 Oct 2019 20:28

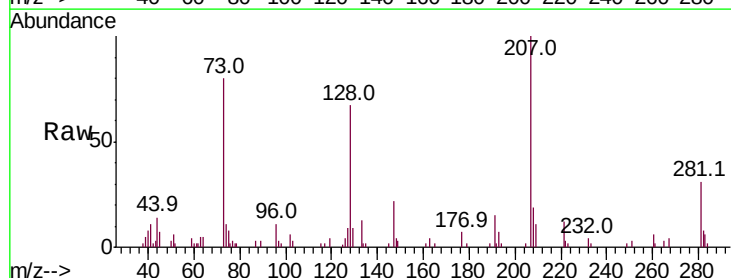
Tgt Ion:128 Resp: 11413

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 11.0 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

