

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058322.D
 Acq On : 24 Sep 2019 2:59
 Operator : JC/SP
 Sample : K4997-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 07:09:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	466540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	782702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	688882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273880	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	367096	56.49	ug/l	0.00
Spiked Amount			Recovery	=	112.98%	
35) Dibromofluoromethane	7.58	113	249074	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
50) Toluene-d8	10.09	98	1022246	55.14	ug/l	0.00
Spiked Amount			Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.41	95	328433	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

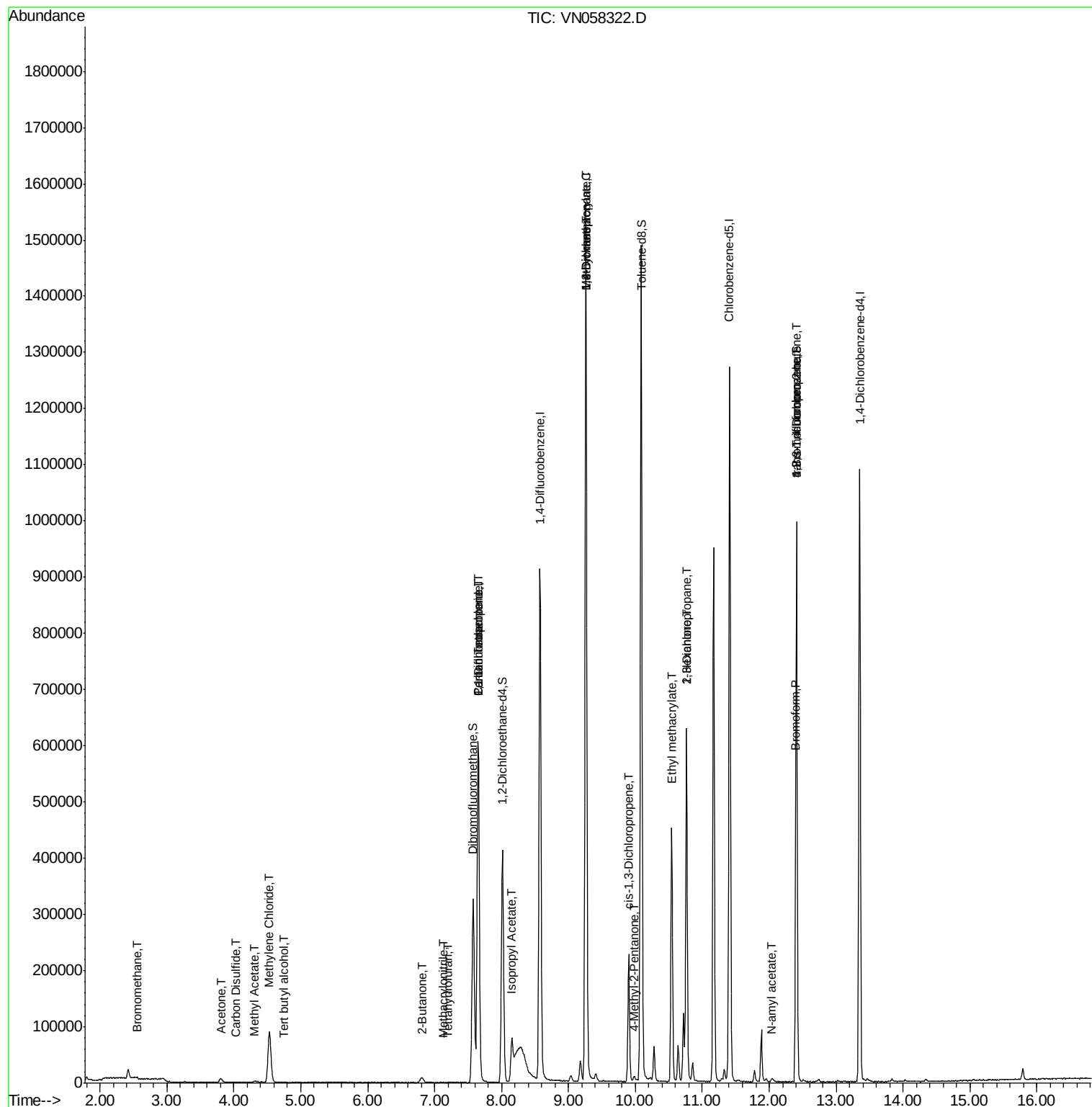
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	301	Below Cal	#	42
5) Bromomethane	2.55	94	229	0.854	ug/l #	73
6) Chloroethane	2.68	64	226	Below Cal	#	44
11) Tert butyl alcohol	4.75	59	470	0.608	ug/l #	71
16) Acetone	3.80	43	11677	5.294	ug/l	94
17) Carbon Disulfide	4.03	76	32	0.279	ug/l #	74
18) Methyl Acetate	4.30	43	1750	0.302	ug/l #	89
20) Methylene Chloride	4.53	84	66250	17.009	ug/l	98
25) 2-Butanone	6.82	43	1085	0.361	ug/l	94
29) Tetrahydrofuran	7.20	42	438	0.237	ug/l #	35
31) Cyclohexane	7.65	56	12641	Below Cal	#	27
36) 1,1-Dichloropropene	7.65	75	41401	7.335	ug/l #	51
38) Carbon Tetrachloride	7.65	117	48388	8.528	ug/l #	14
41) Methacrylonitrile	7.12	41	59	0.931	ug/l #	100
43) Isopropyl Acetate	8.15	43	103448	9.456	ug/l #	89
45) 1,2-Dichloropropane	9.26	63	1683	0.327	ug/l #	45
48) Methyl methacrylate	9.26	41	159174	32.045	ug/l #	46
49) 1,4-Dioxane	9.25	88	31	0.380	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7237	1.245	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	37372	5.039	ug/l #	68
56) Ethyl methacrylate	10.54	69	1924	0.278	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	6399	0.776	ug/l #	43
59) 2-Hexanone	10.76	43	98954	22.929	ug/l #	52
71) Bromoform	12.38	173	78	3.617	ug/l #	29
74) N-amyl acetate	12.04	43	4659	0.650	ug/l #	45
76) 1,2,3-Trichloropropane	12.41	75	181171	36.962	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	181171	103.071	ug/l #	5

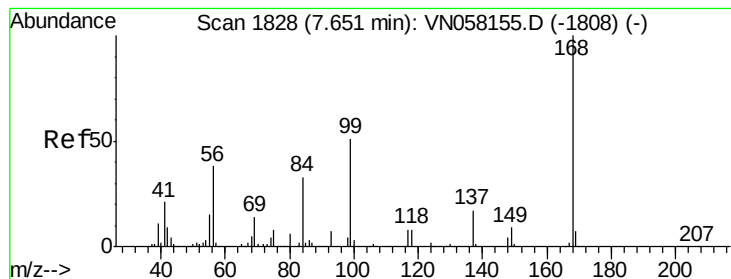
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

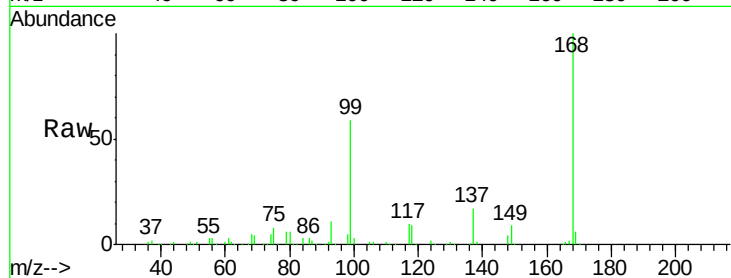
ClientSampleId :

Tot Ion:168 Resp: 466540

Ion Ratio Lower Upper

168 100

99 59.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

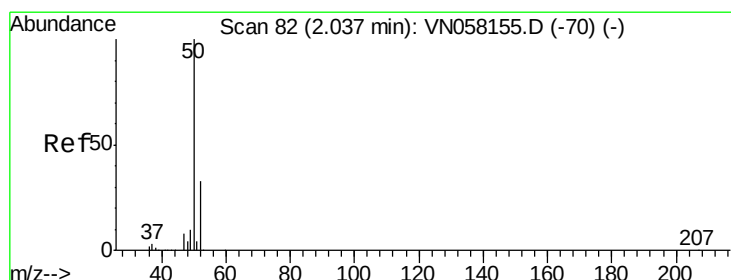
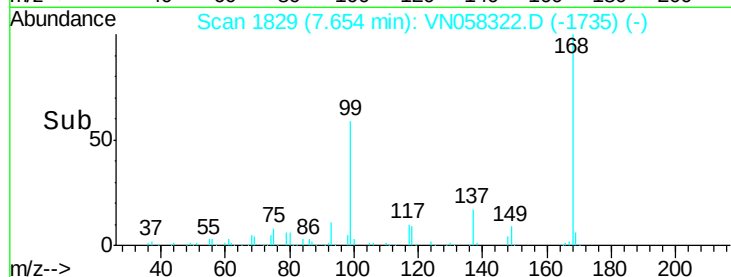
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058322.D

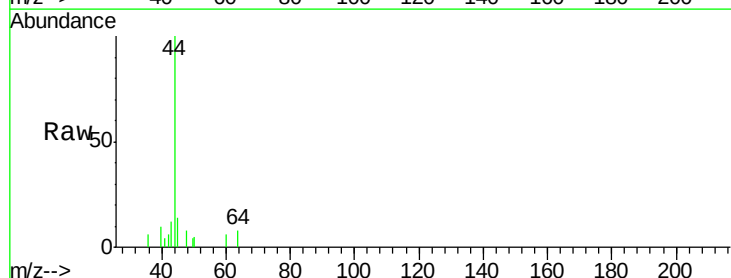
Acq: 24 Sep 2019 2:59

Tgt Ion: 50 Resp: 301

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

400

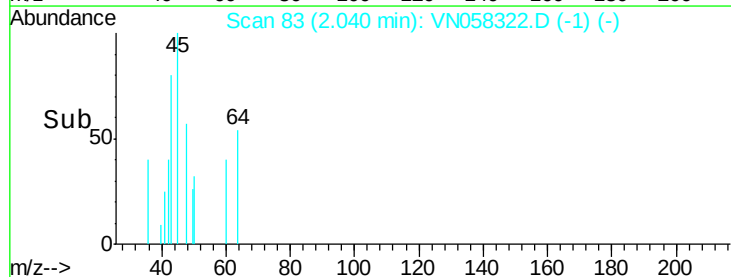
300

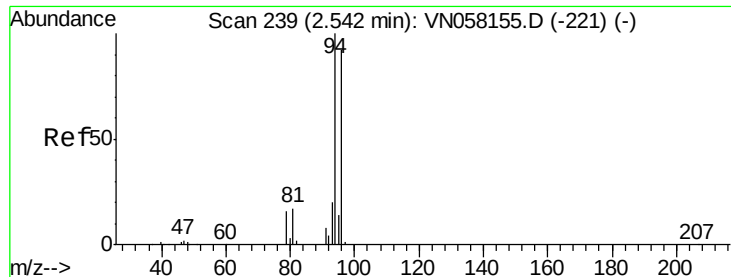
200

100

0

Time-->





#5

Bromomethane

Concen: 0.854 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

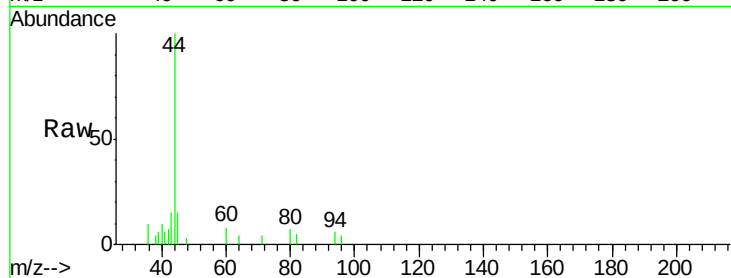
ClientSampled :

Tot Ion: 94 Resp: 229

Ion Ratio Lower Upper

94 100

96 66.1 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

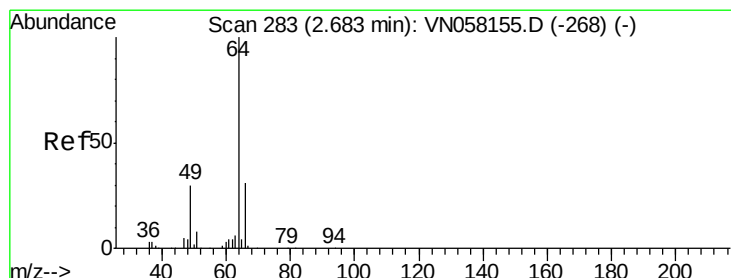
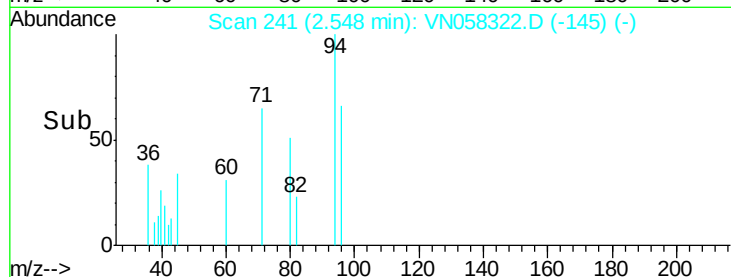
2.53

2.54

2.55

2.56

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058322.D

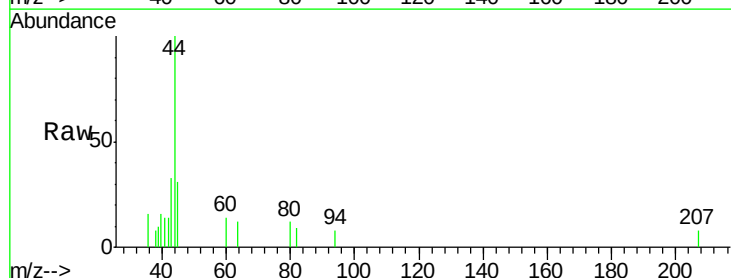
Acq: 24 Sep 2019 2:59

Tgt Ion: 64 Resp: 226

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

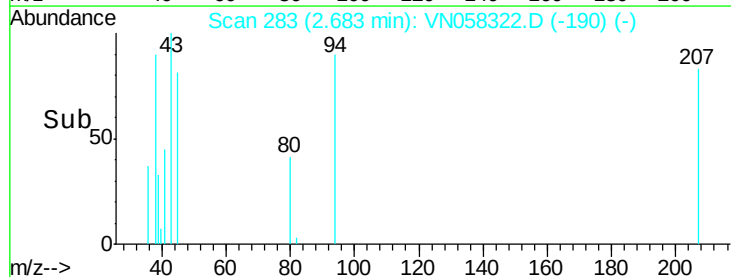
2.67

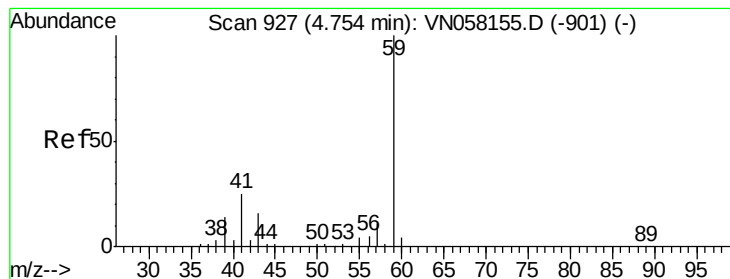
2.68

2.69

2.70

Time-->





#11

Tert butyl alcohol

Concen: 0.608 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

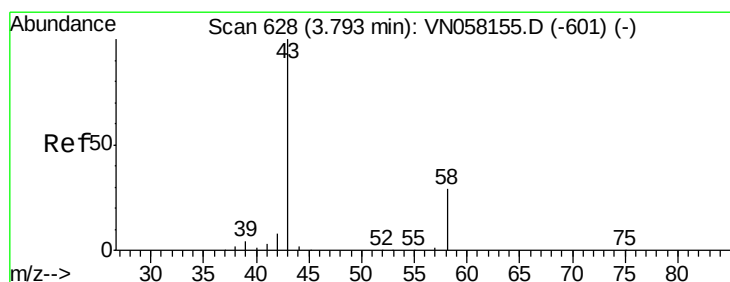
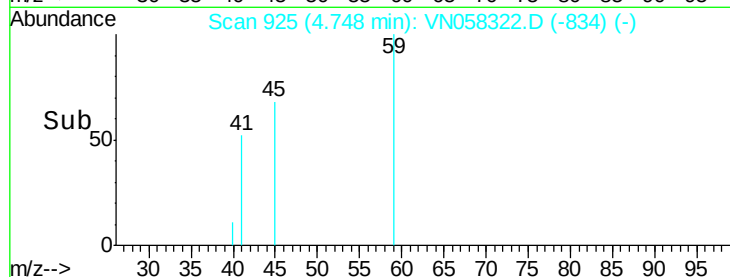
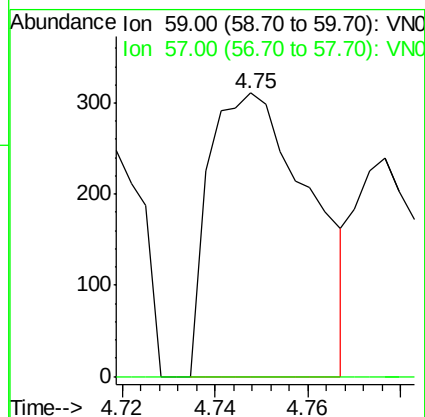
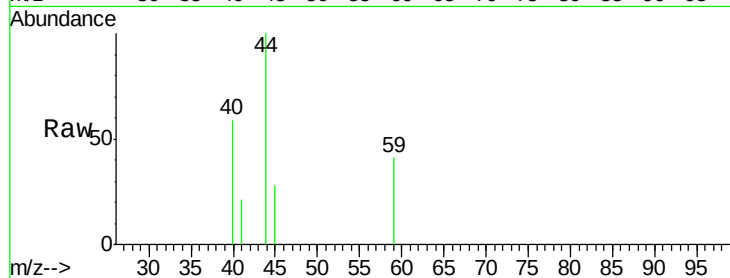
ClientSampled :

Tot Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#16

Acetone

Concen: 5.294 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058322.D

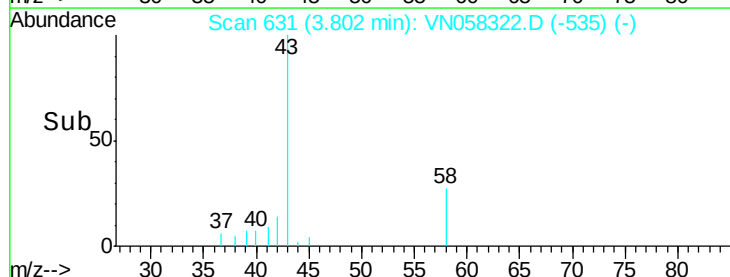
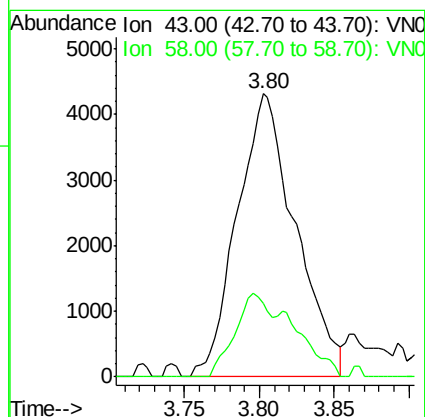
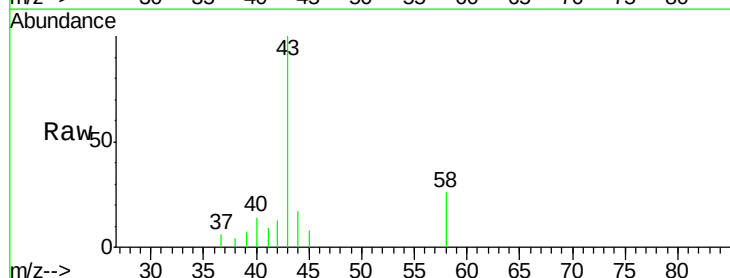
Acq: 24 Sep 2019 2:59

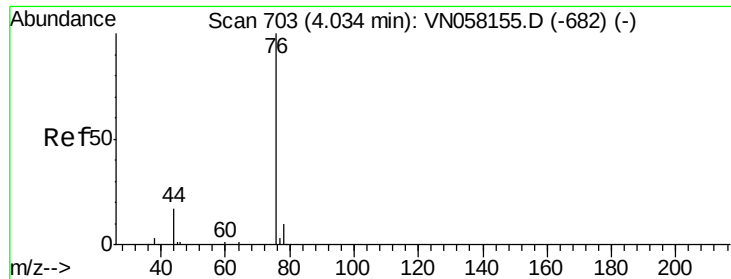
Tgt Ion: 43 Resp: 11677

Ion Ratio Lower Upper

43 100

58 25.9 23.4 35.2





#17

Carbon Disulfide

Concen: 0.279 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

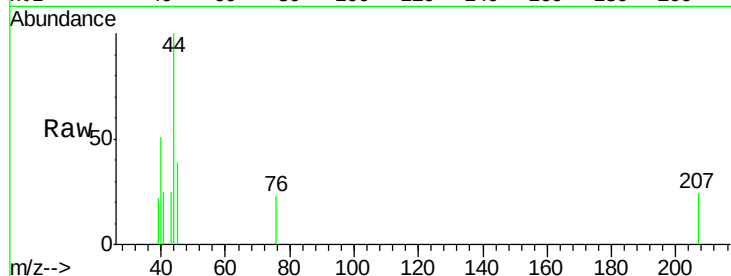
ClientSampled :

Tot Ion: 76 Resp: 32

Ion Ratio Lower Upper

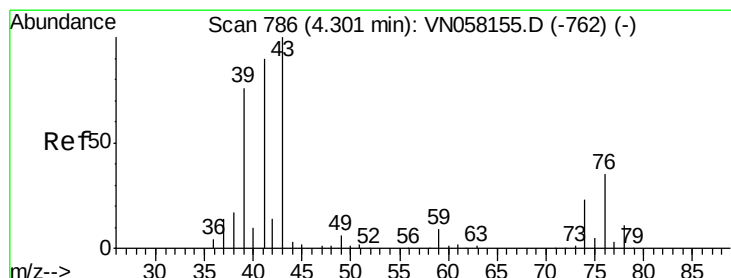
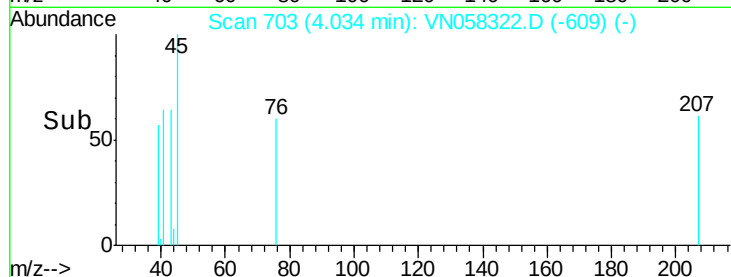
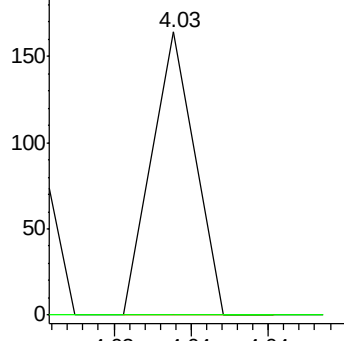
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.302 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058322.D

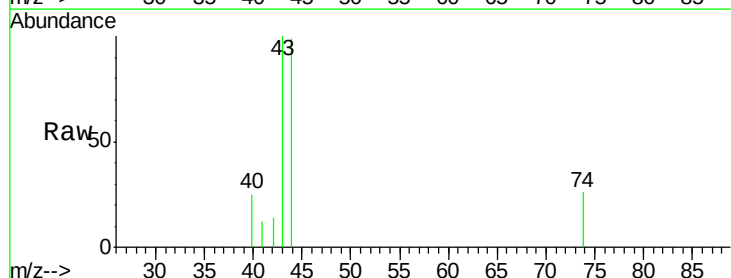
Acq: 24 Sep 2019 2:59

Tgt Ion: 43 Resp: 1750

Ion Ratio Lower Upper

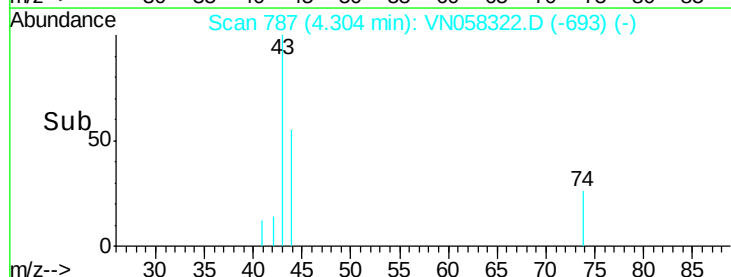
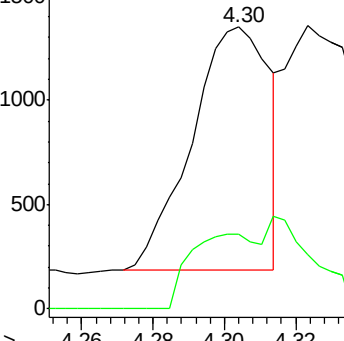
43 100

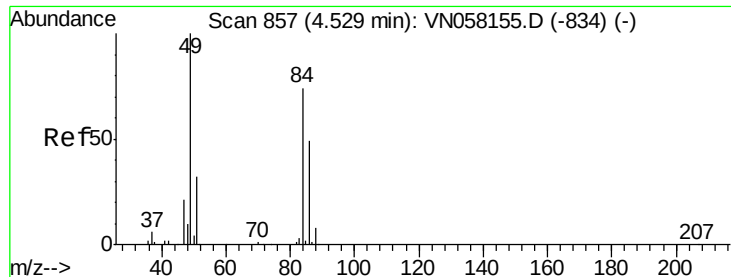
74 27.6 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

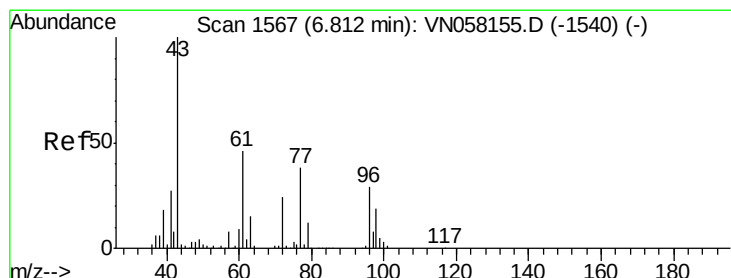
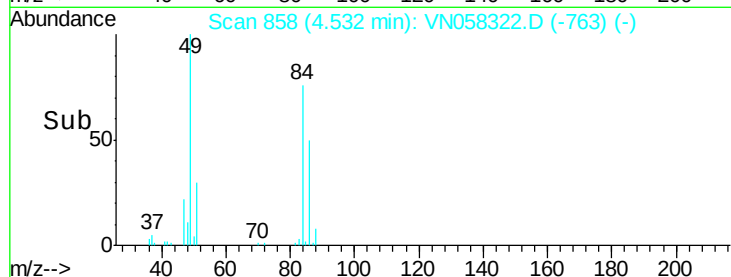
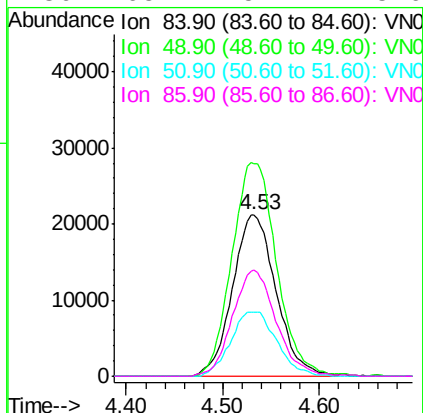
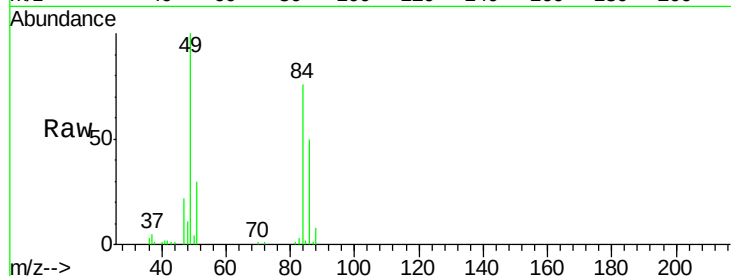




#20
Methylene Chloride
Concen: 17.009 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058322.D
Acq: 24 Sep 2019 2:59

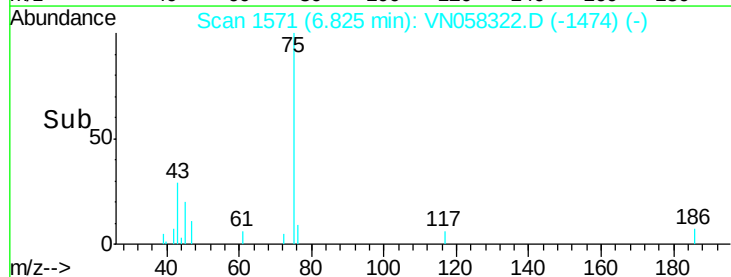
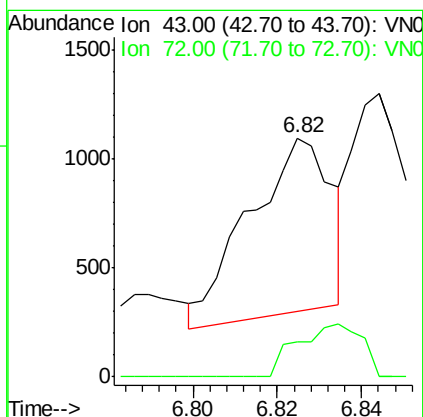
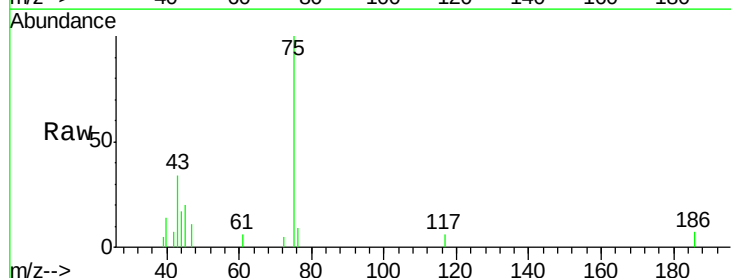
Instrument :
MSVOA_N
ClientSampled :

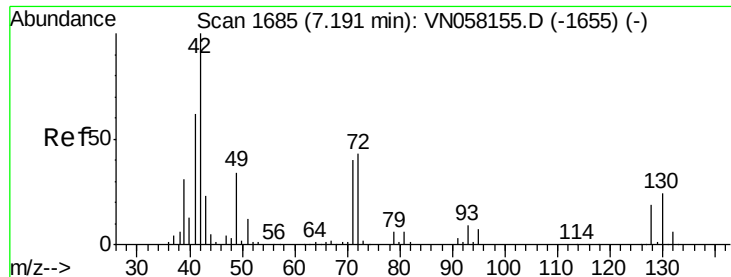
Tot Ion:	84	Resp:	66250
Ion	Ratio	Lower	Upper
84	100		
49	131.9	107.5	161.3
51	39.6	33.9	50.9
86	65.7	52.4	78.6



#25
2-Butanone
Concen: 0.361 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN058322.D
Acq: 24 Sep 2019 2:59

Tgt Ion:	43	Resp:	1085
Ion	Ratio	Lower	Upper
43	100		
72	21.5	19.5	29.3





#29

Tetrahydrofuran

Concen: 0.237 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

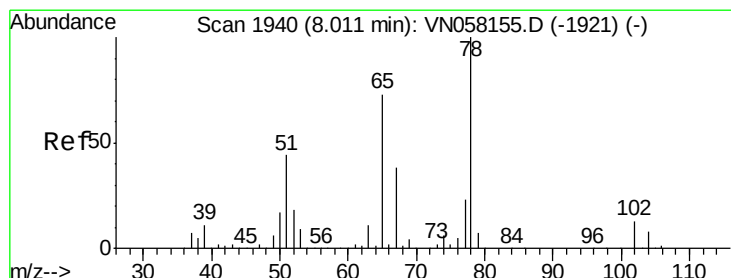
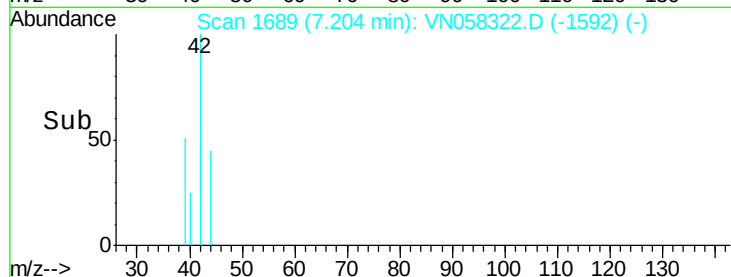
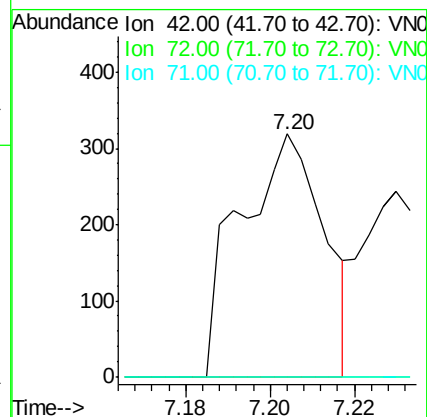
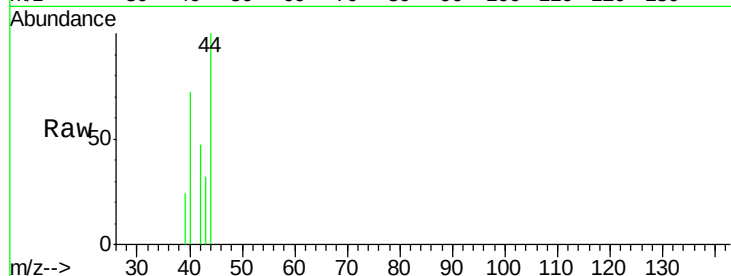
Tot Ion: 42 Resp: 438

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

71 0.0 31.4 47.0#



#33

1,2-Dichloroethane-d4

Concen: 56.494 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058322.D

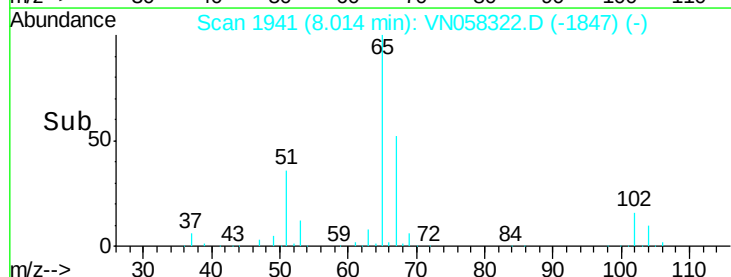
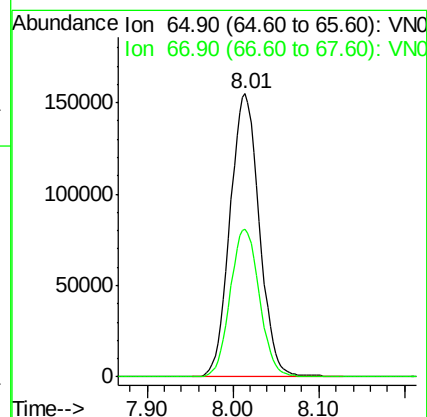
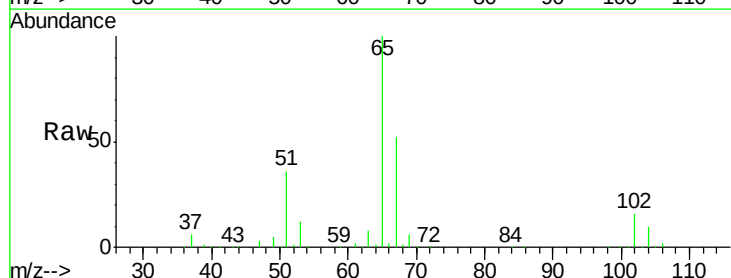
Acq: 24 Sep 2019 2:59

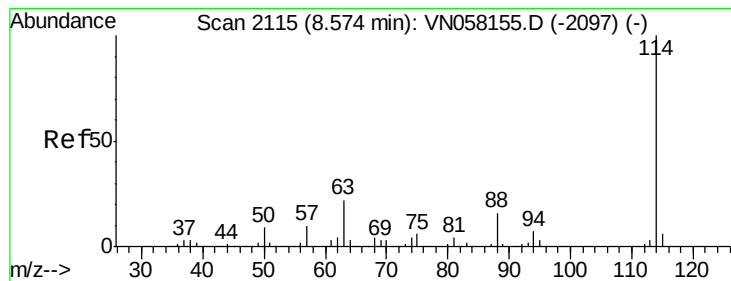
Tgt Ion: 65 Resp: 367096

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

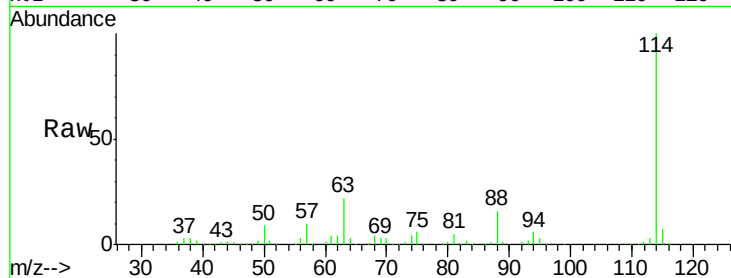
Tot Ion:114 Resp: 782702

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

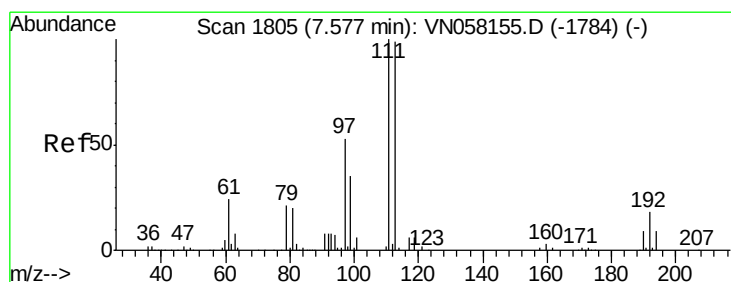
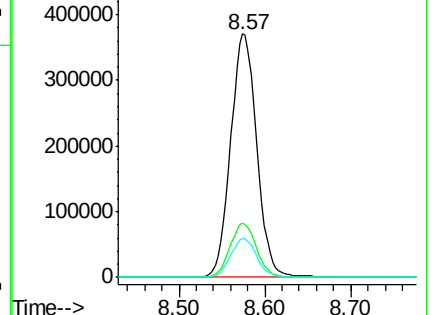
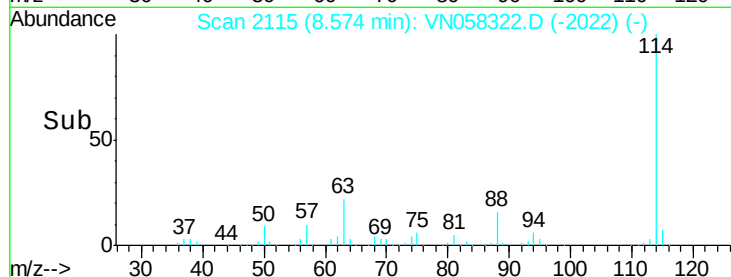
88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 52.346 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

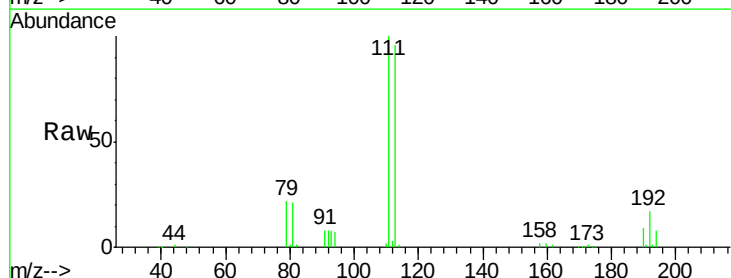
Tgt Ion:113 Resp: 249074

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

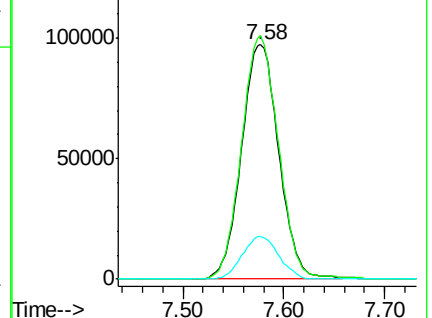
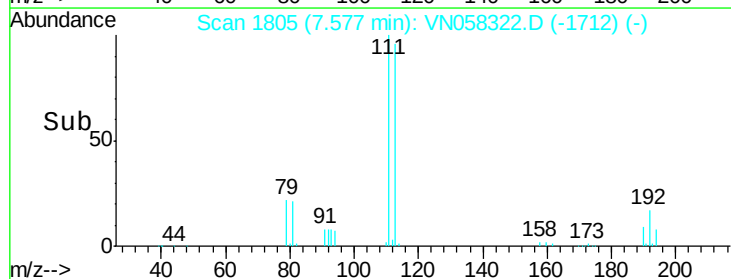
192 17.9 14.5 21.7

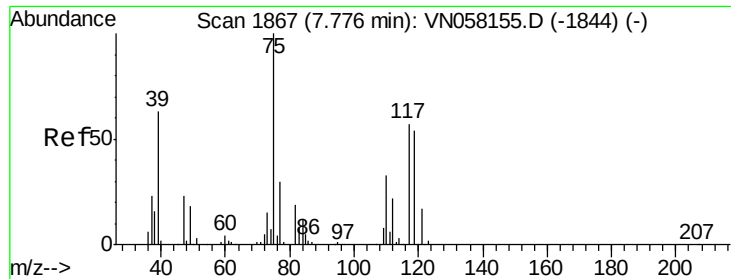


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

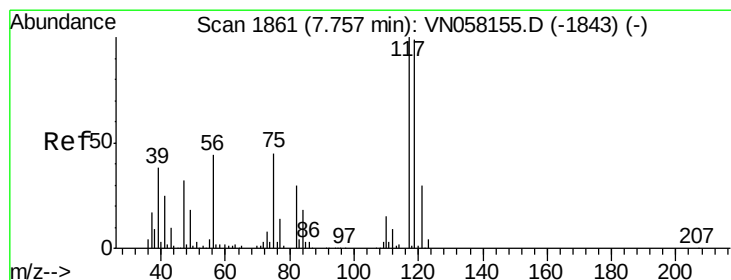
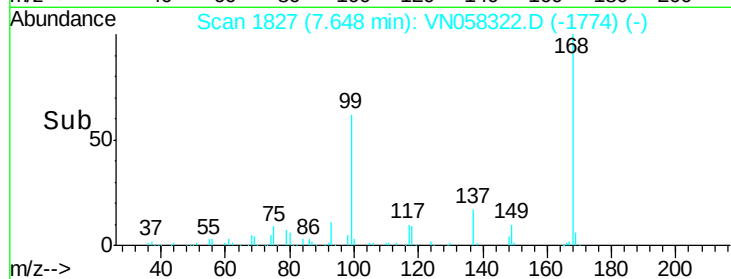
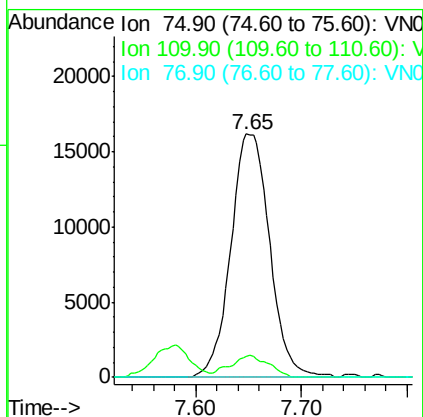
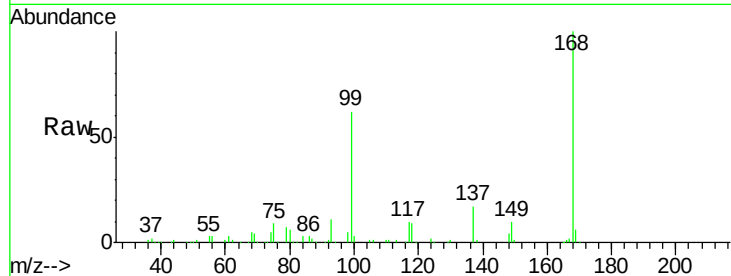




#36
 1,1-Dichloropropene
 Concen: 7.335 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058322.D
 Acq: 24 Sep 2019 2:59

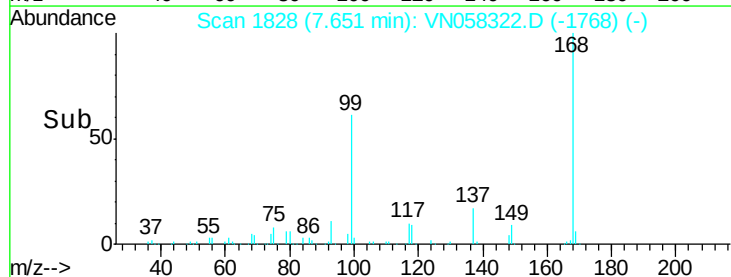
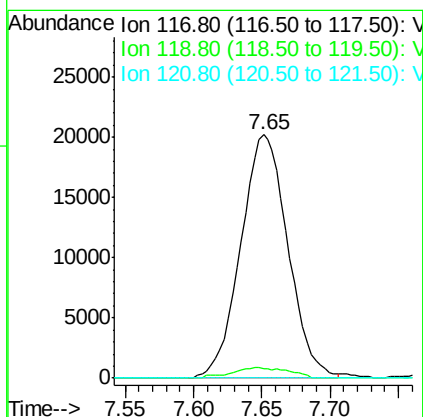
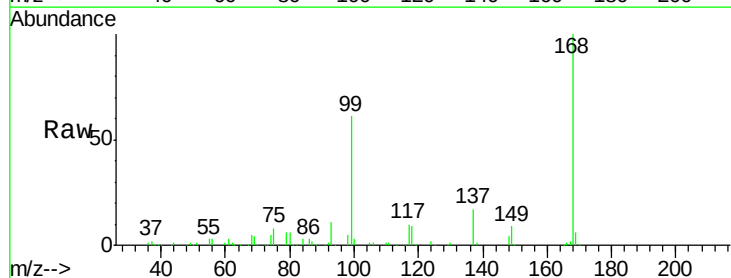
Instrument :
 MSVOA_N
 ClientSampleId :

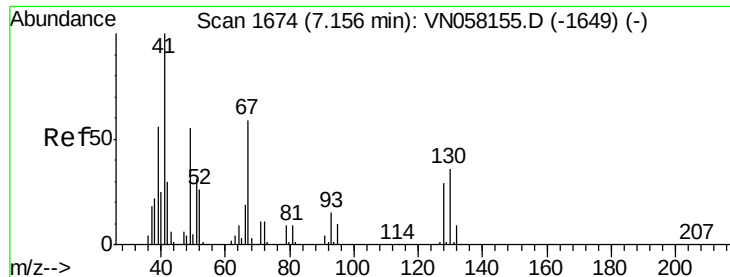
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.6	49.7#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 8.528 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058322.D
 Acq: 24 Sep 2019 2:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.6	117.8#
121	0.0	24.1	36.1#

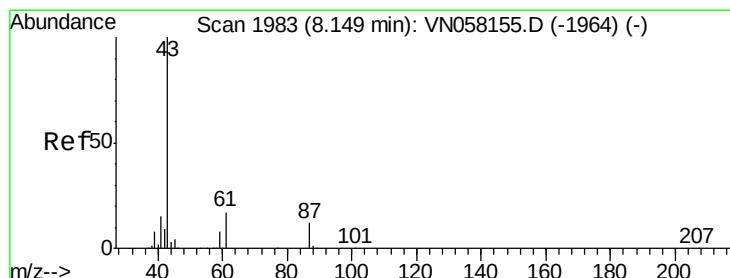
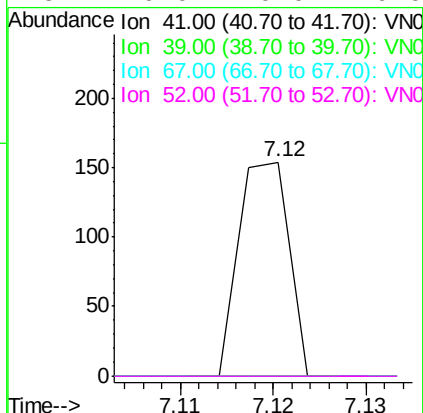
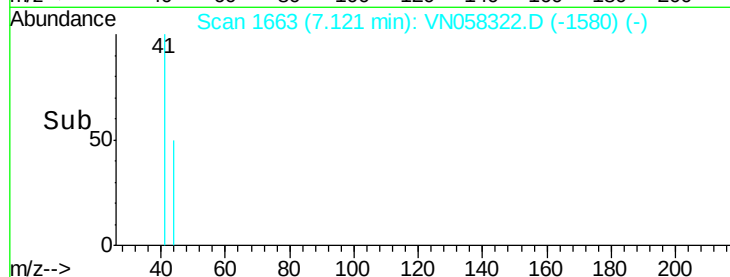
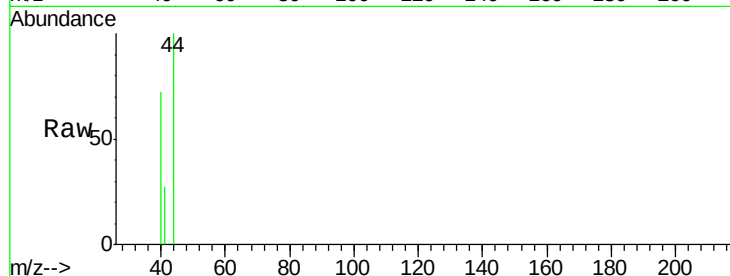




#41
Methacrylonitrile
Concen: 0.931 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.03 min
Lab File: VN058322.D
Acq: 24 Sep 2019 2:59

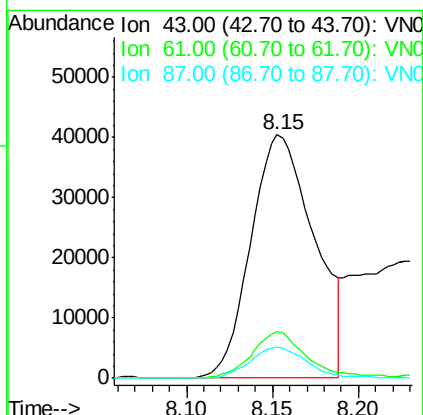
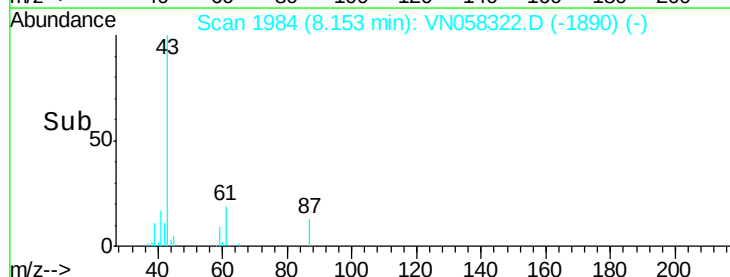
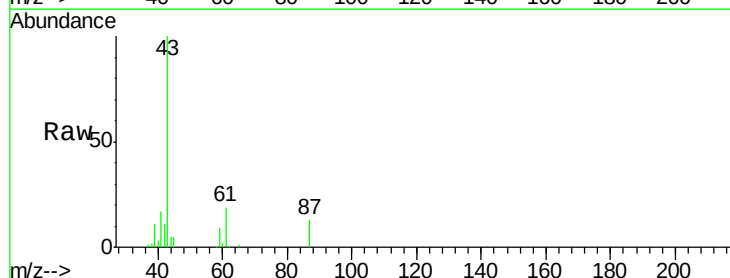
Instrument :
MSVOA_N
ClientSampled :

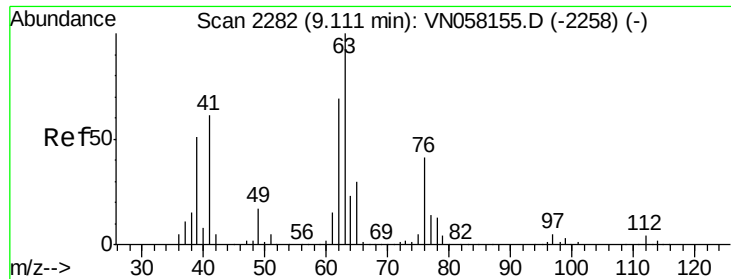
Tot Ion:	41	Resp:	59
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 9.456 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058322.D
Acq: 24 Sep 2019 2:59

Tgt Ion:	43	Resp:	103448
Ion	Ratio	Lower	Upper
43	100		
61	16.6	19.7	29.5#
87	11.2	9.4	14.2





#45

1,2-Dichloropropane

Concen: 0.327 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

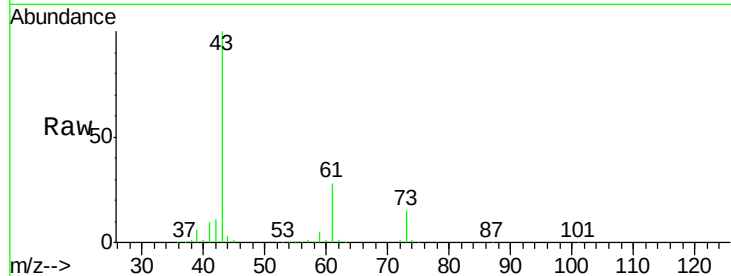
ClientSampled :

Tot Ion: 63 Resp: 1683

Ion Ratio Lower Upper

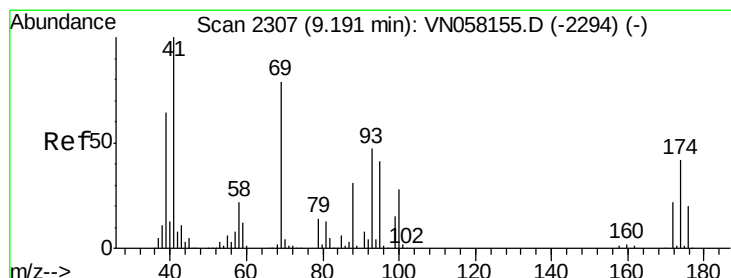
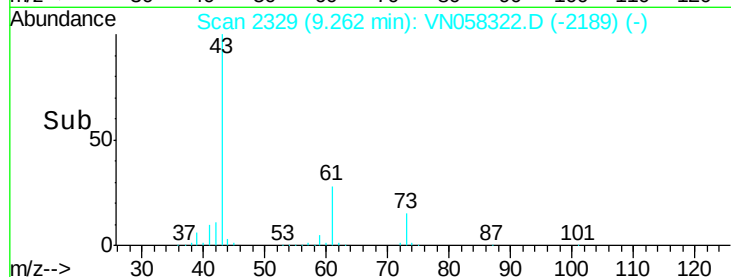
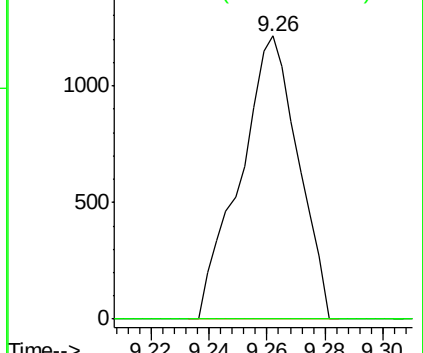
63 100

65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 32.045 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

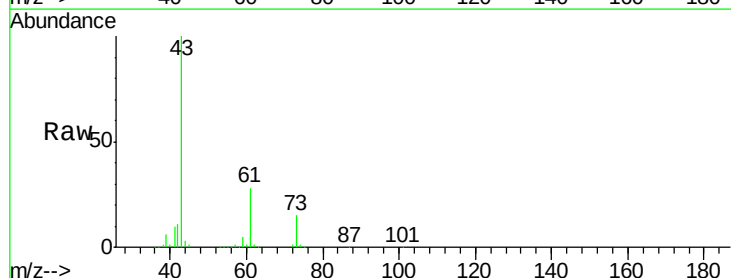
Tgt Ion: 41 Resp: 159174

Ion Ratio Lower Upper

41 100

69 0.1 62.5 93.7#

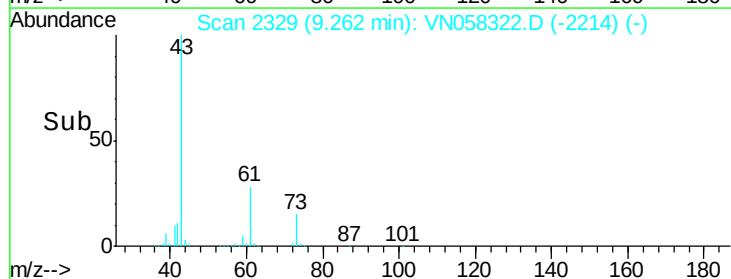
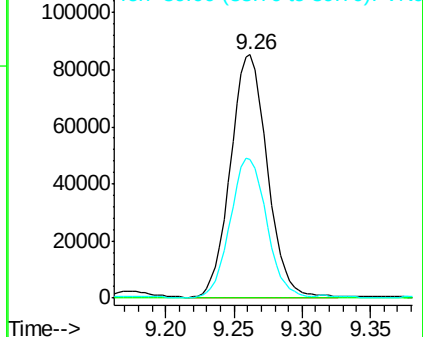
39 56.8 52.3 78.5

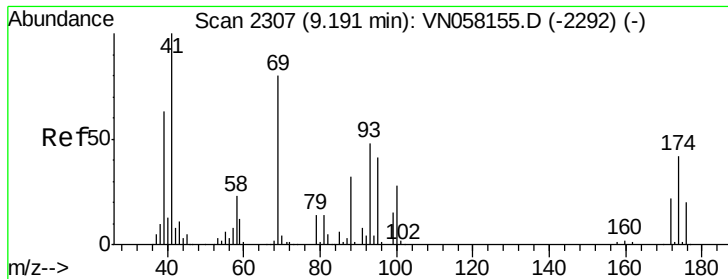


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 0.380 ug/l

RT: 9.25 min Scan# 2326

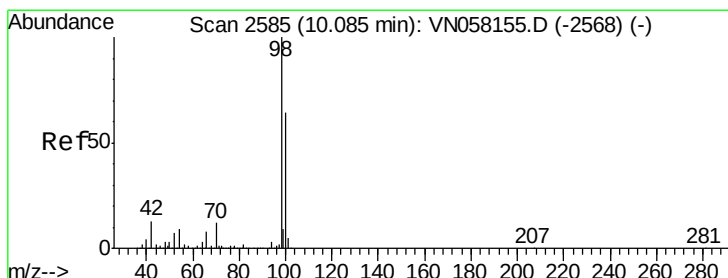
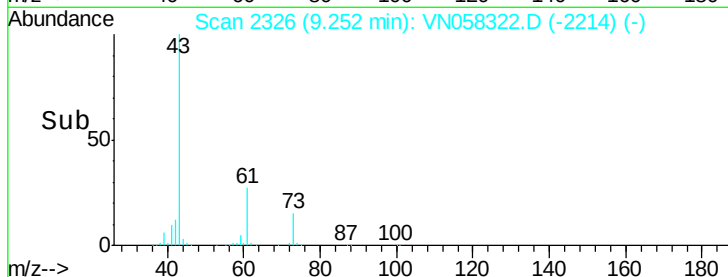
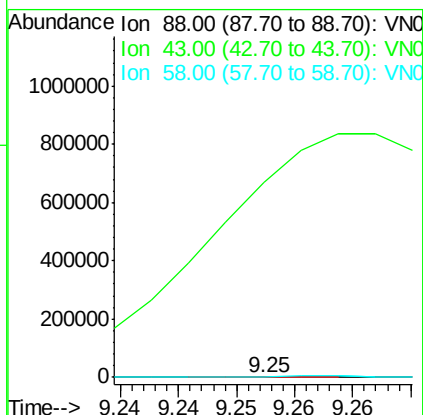
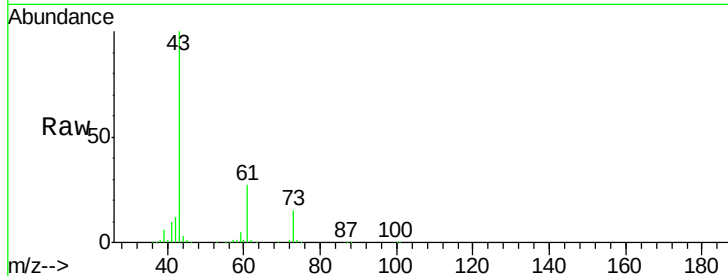
Delta R.T. 0.06 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 5011480.6 27.8 41.8#
58 24735.5 55.0 82.4#



#50

Toluene-d8

Concen: 55.141 ug/l

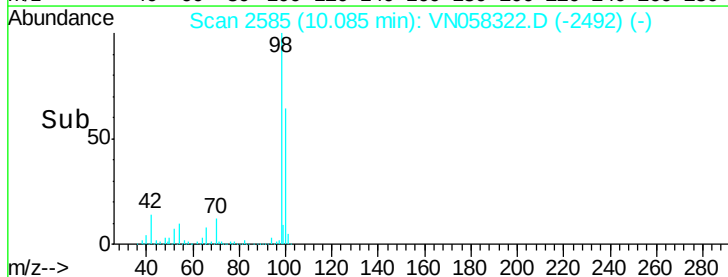
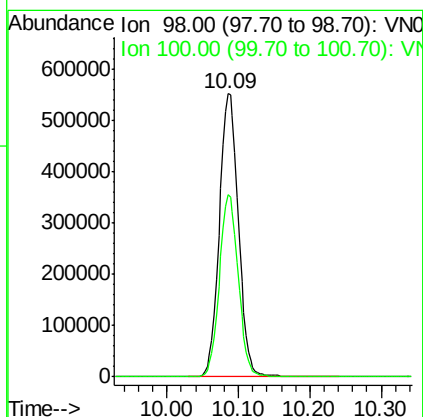
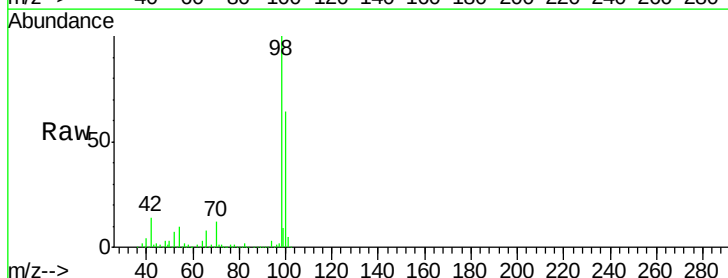
RT: 10.09 min Scan# 2585

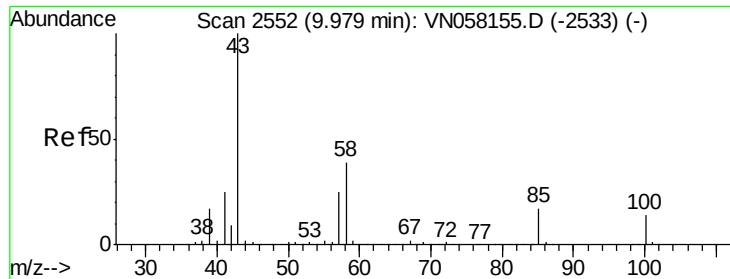
Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Tgt Ion: 98 Resp: 1022246
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 1.245 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

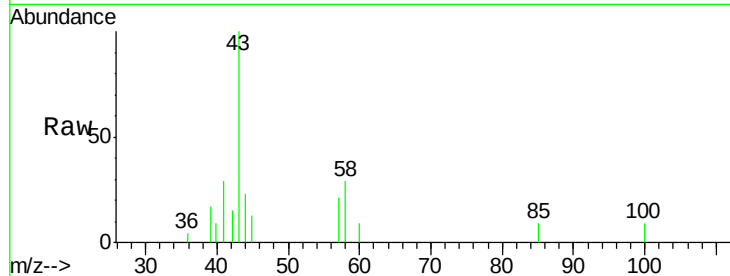
ClientSampled :

Tot Ion: 43 Resp: 7237

Ion Ratio Lower Upper

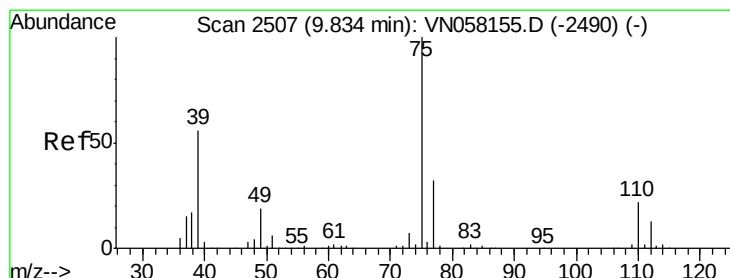
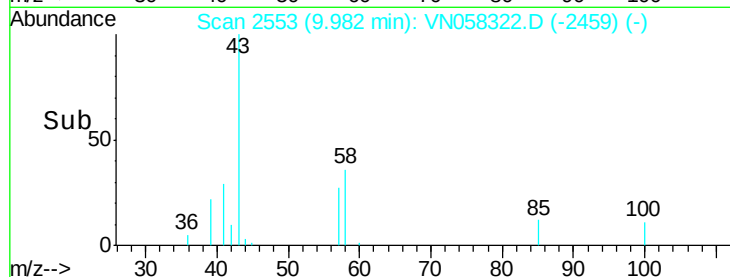
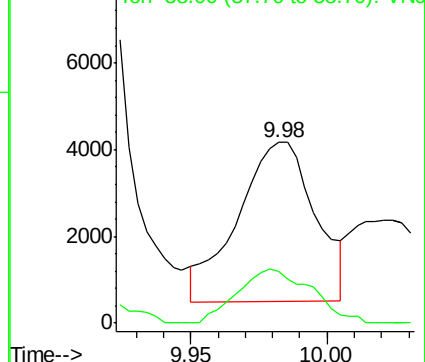
43 100

58 32.4 30.2 45.4



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: 5.039 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

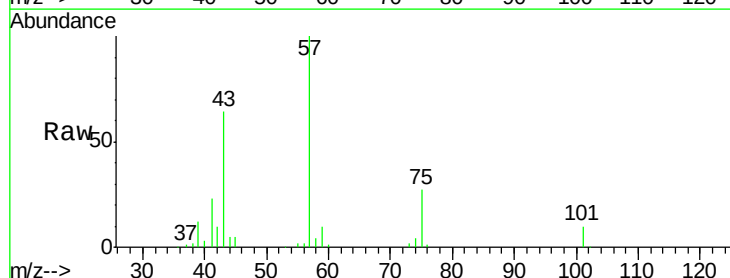
Tgt Ion: 75 Resp: 37372

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

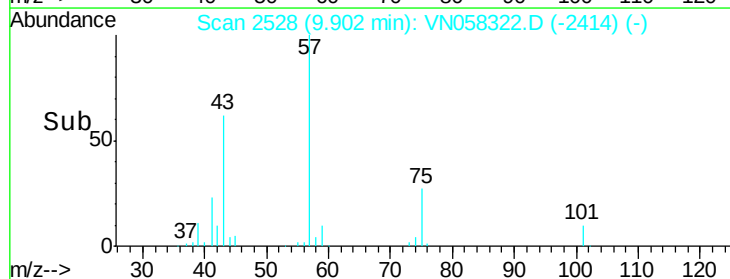
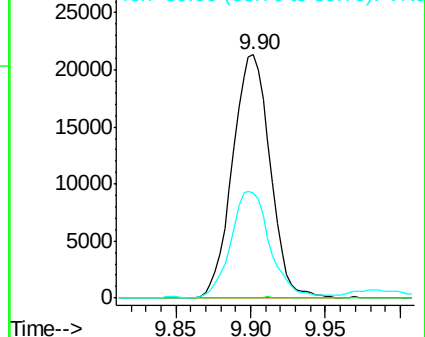
39 43.2 45.0 67.6#

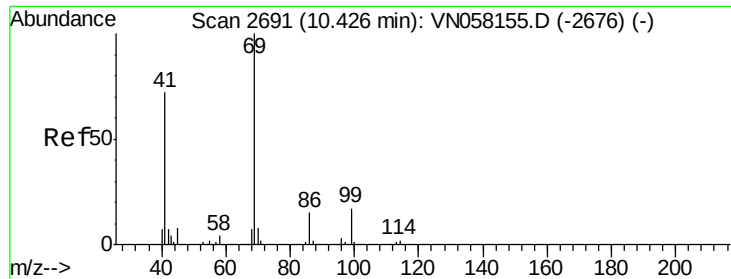


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.278 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

ClientSampled :

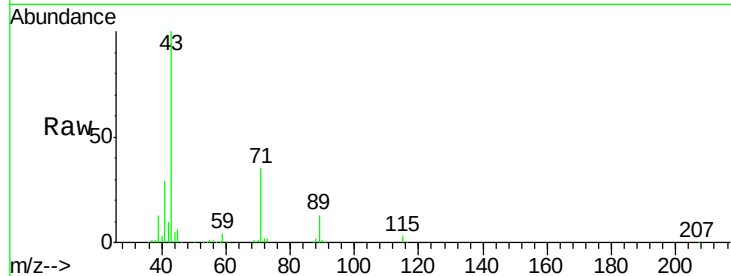
Tot Ion: 69 Resp: 1924

Ion Ratio Lower Upper

69 100

41 4937.1 57.5 86.3#

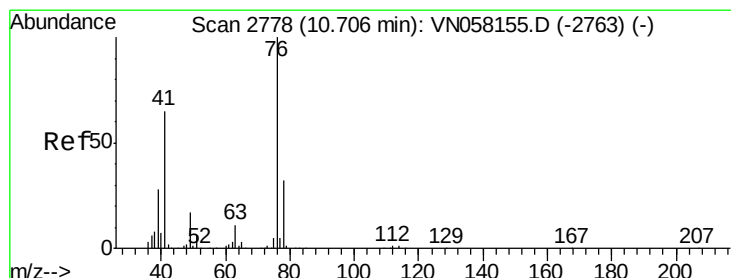
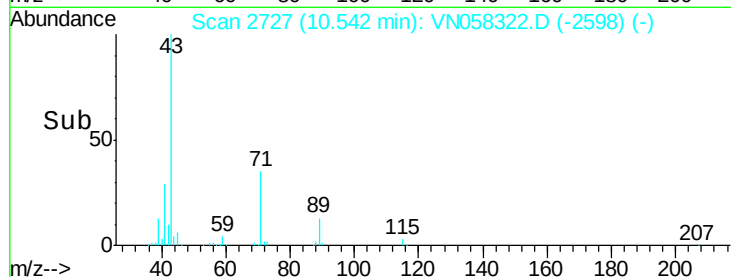
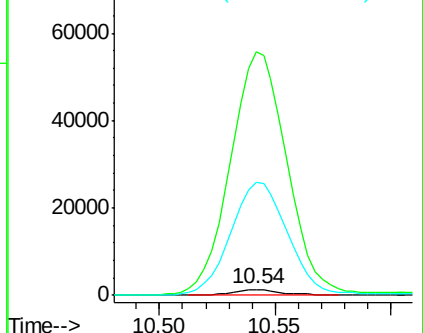
39 2327.4 36.1 54.1#



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: 0.776 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058322.D

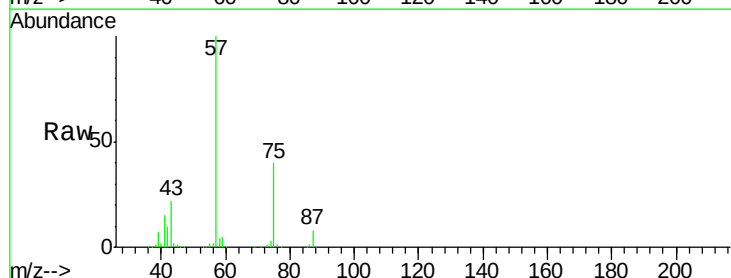
Acq: 24 Sep 2019 2:59

Tgt Ion: 76 Resp: 6399

Ion Ratio Lower Upper

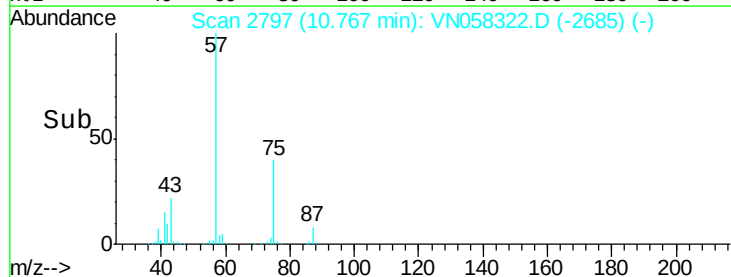
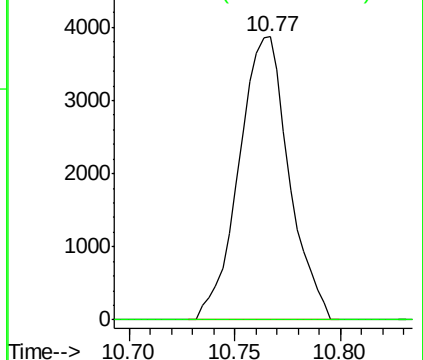
76 100

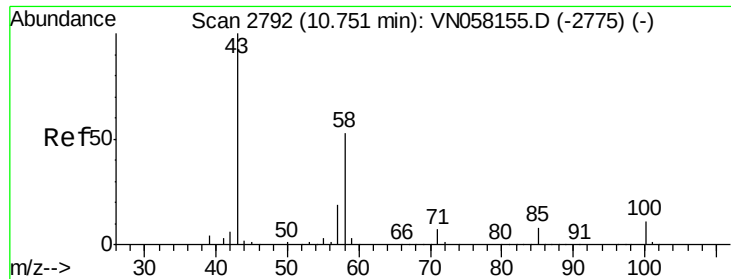
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 22.929 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

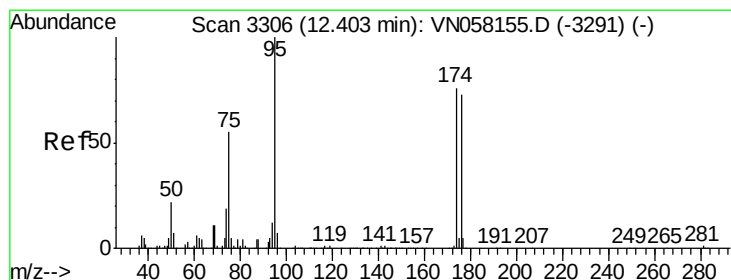
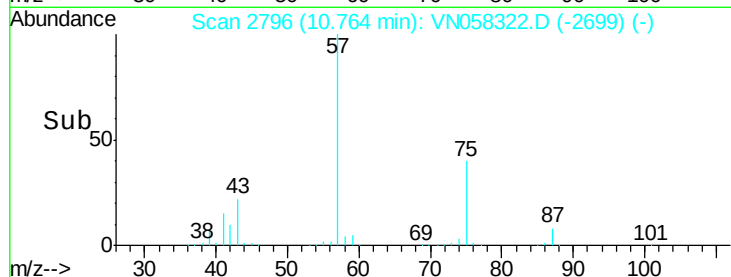
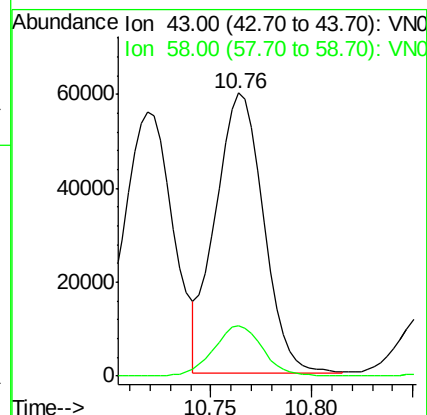
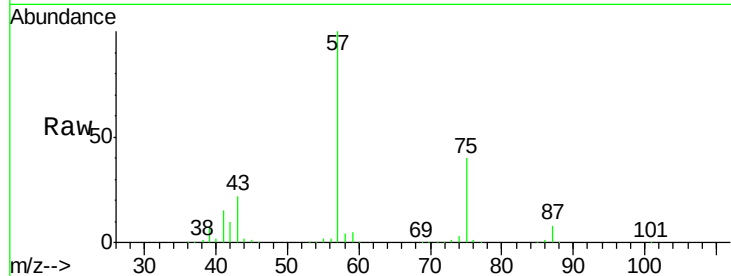
ClientSampleId :

Tot Ion: 43 Resp: 98954

Ion Ratio Lower Upper

43 100

58 18.4 26.0 78.0#



#62

4-Bromofluorobenzene

Concen: 47.692 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

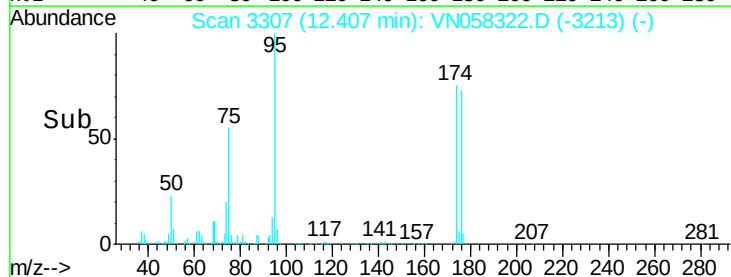
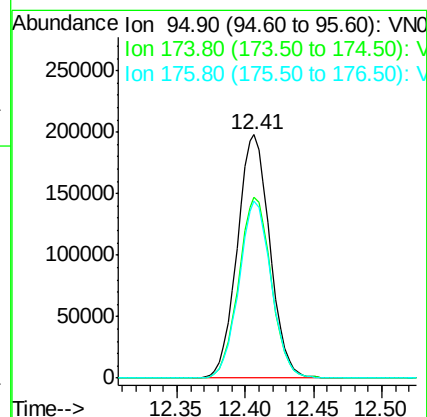
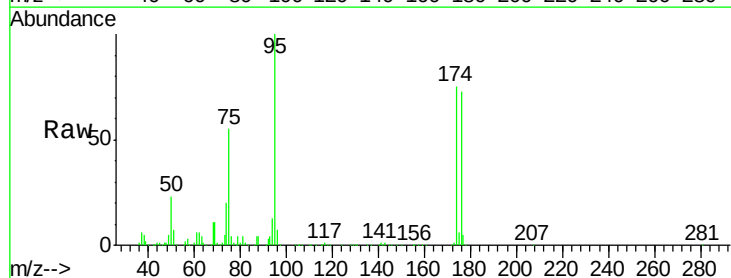
Tgt Ion: 95 Resp: 328433

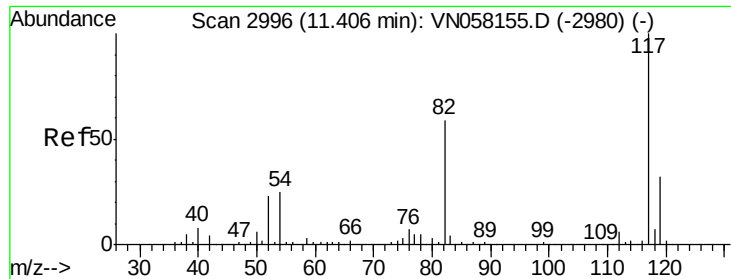
Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.2

176 72.0 0.0 148.0

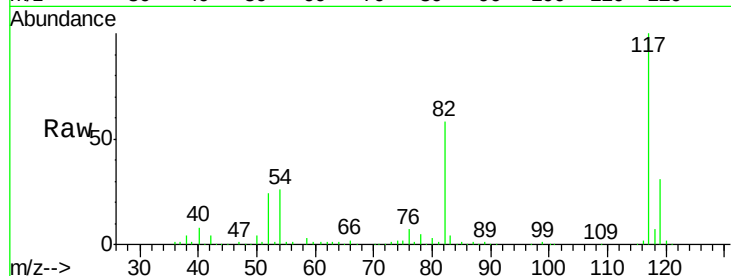




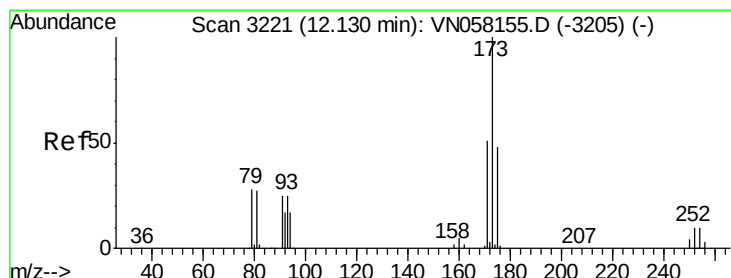
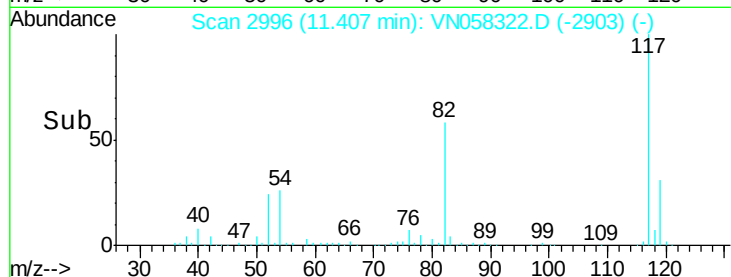
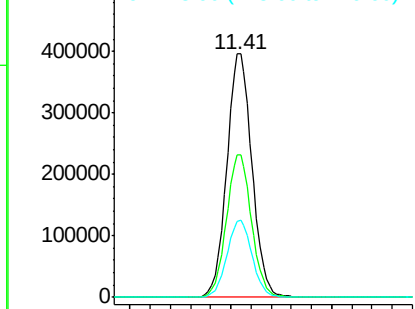
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058322.D
Acq: 24 Sep 2019 2:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 688882
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 31.4 25.3 37.9

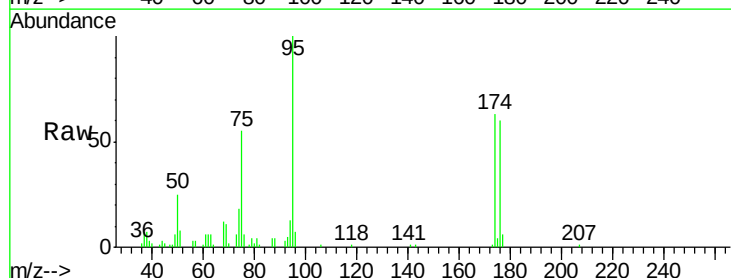


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

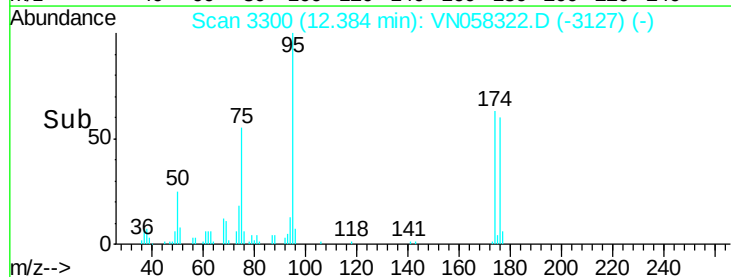
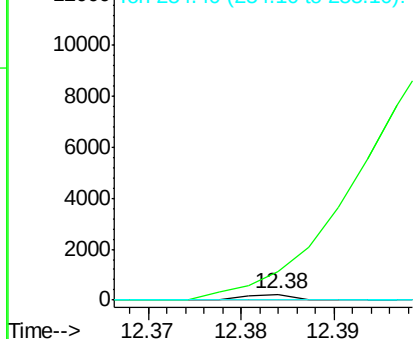


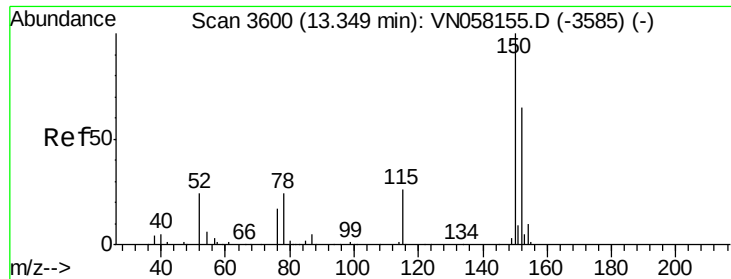
#71
Bromoform
Concen: 3.617 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN058322.D
Acq: 24 Sep 2019 2:59

Tgt Ion:173 Resp: 78
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

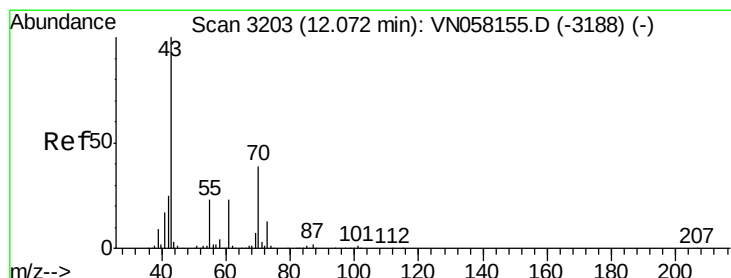
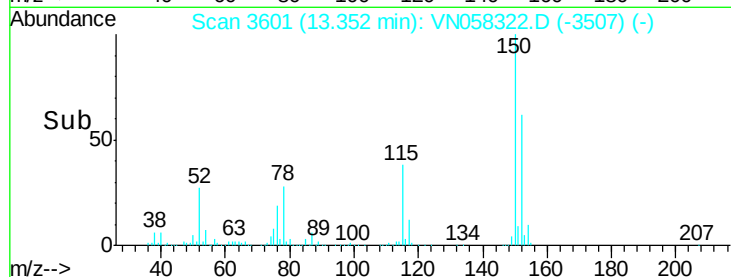
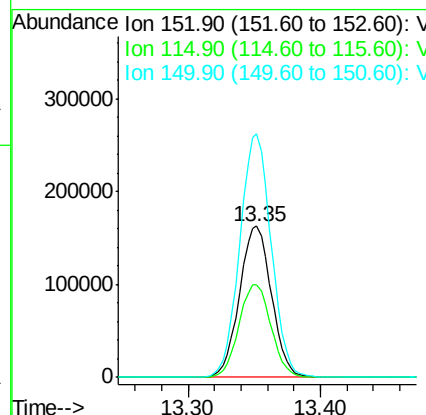
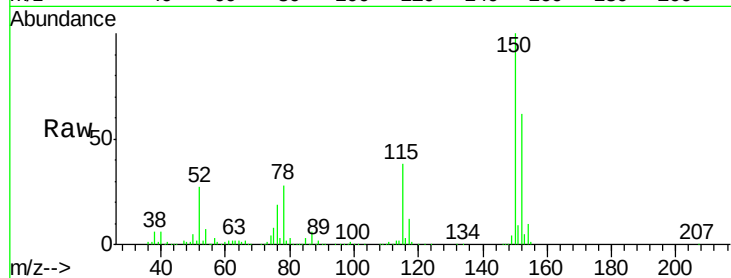




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN058322.D
 Acq: 24 Sep 2019 2:59

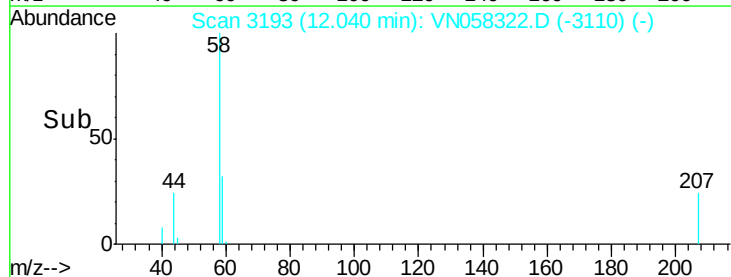
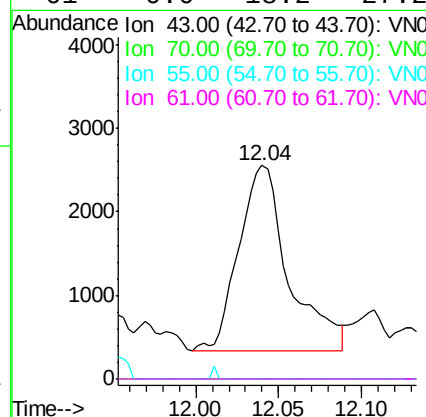
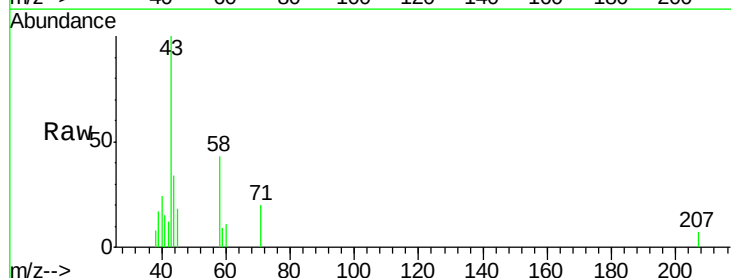
Instrument :
 MSVOA_N
 ClientSampleId :

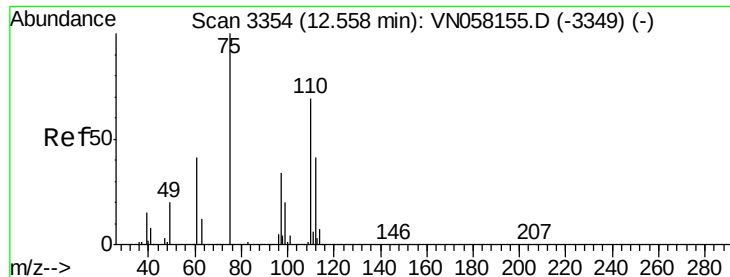
Tot Ion:152 Resp: 273880
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.1 90.3
 150 157.6 0.0 346.4



#74
 N-ethyl acetate
 Concen: 0.650 ug/l
 RT: 12.04 min Scan# 3193
 Delta R.T. -0.03 min
 Lab File: VN058322.D
 Acq: 24 Sep 2019 2:59

Tgt Ion: 43 Resp: 4659
 Ion Ratio Lower Upper
 43 100
 70 0.0 31.0 46.6#
 55 0.0 18.5 27.7#
 61 0.0 18.2 27.2#





#76

1,2,3-Trichloropropane

Concen: 36.962 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

Instrument :

MSVOA_N

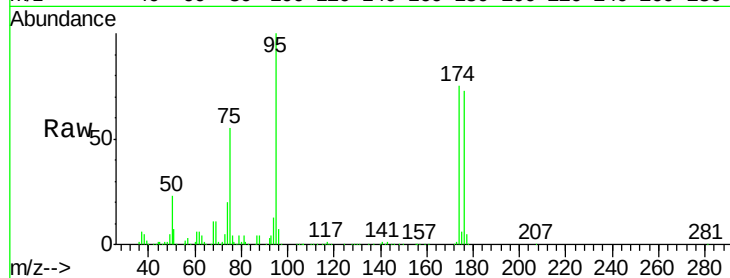
ClientSampleId :

Tot Ion: 75 Resp: 181171

Ion Ratio Lower Upper

75 100

77 1.1 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

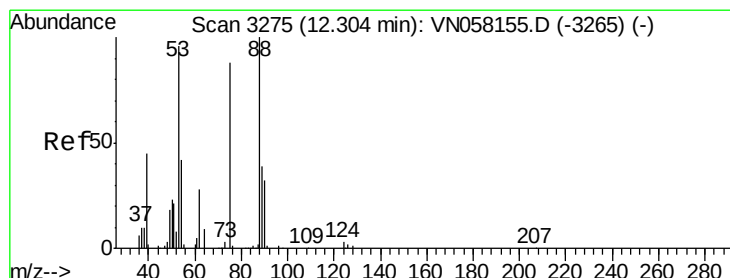
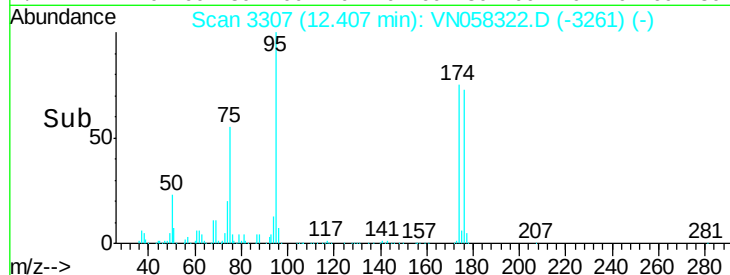
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 103.071 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058322.D

Acq: 24 Sep 2019 2:59

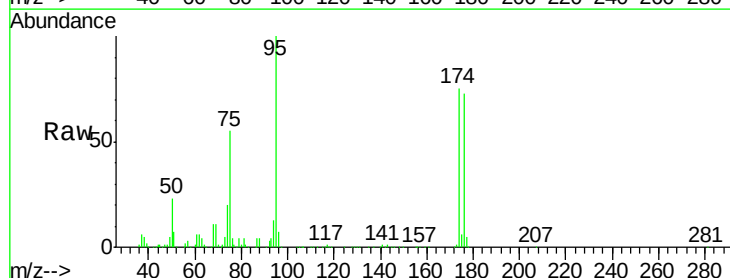
Tgt Ion: 75 Resp: 181171

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.2 54.2#



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

150000

100000

50000

0

Time-->

