

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058362.D
 Acq On : 25 Sep 2019 13:20
 Operator : JC/SP
 Sample : K4664-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 01:09:59 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	486262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	809680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	702484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294225	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	362080	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
35) Dibromofluoromethane	7.58	113	252713	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	10.08	98	1042282	54.35	ug/l	0.00
Spiked Amount			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.41	95	338892	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	522	Below Cal	#	42
4) Vinyl Chloride	2.27	62	29	Below Cal		91
5) Bromomethane	2.53	94	29	0.738	ug/l #	4
6) Chloroethane	2.68	64	165	Below Cal	#	44
16) Acetone	3.81	43	10567	4.597	ug/l	97
17) Carbon Disulfide	4.03	76	606	0.414	ug/l #	74
18) Methyl Acetate	4.31	43	1450	0.240	ug/l #	73
20) Methylene Chloride	4.53	84	67521	16.628	ug/l	98
29) Tetrahydrofuran	7.21	42	481	0.249	ug/l #	45
30) Chloroform	7.36	83	2829	0.301	ug/l	95
31) Cyclohexane	7.66	56	12420	Below Cal	#	18
36) 1,1-Dichloropropene	7.65	75	42274	7.240	ug/l #	51
38) Carbon Tetrachloride	7.65	117	51220	8.726	ug/l #	15
41) Methacrylonitrile	7.21	41	407	1.042	ug/l #	100
43) Isopropyl Acetate	8.15	43	104136	9.202	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2102	0.395	ug/l #	45
48) Methyl methacrylate	9.18	41	5995	1.167	ug/l #	14
49) 1,4-Dioxane	9.26	88	68	0.806	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7213	1.200	ug/l #	65
54) cis-1,3-Dichloropropene	9.90	75	40971	5.340	ug/l #	68
56) Ethyl methacrylate	10.54	69	1573	0.220	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7197	0.844	ug/l #	43
59) 2-Hexanone	10.76	43	109904	24.618	ug/l #	52
68) m/p-Xylenes	11.63	106	1707	0.214	ug/l	83
71) Bromoform	12.40	173	395	3.705	ug/l #	29
74) N-amyl acetate	12.04	43	4755	0.617	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	186358	35.391	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5158	0.331	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.41	75	186358	98.936	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	3352	0.216	ug/l	95
90) Hexachloroethane	13.91	117	110	2.859	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.12	75	225	0.203	ug/l #	31
95) Naphthalene	15.14	128	37000	2.633	ug/l	97

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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

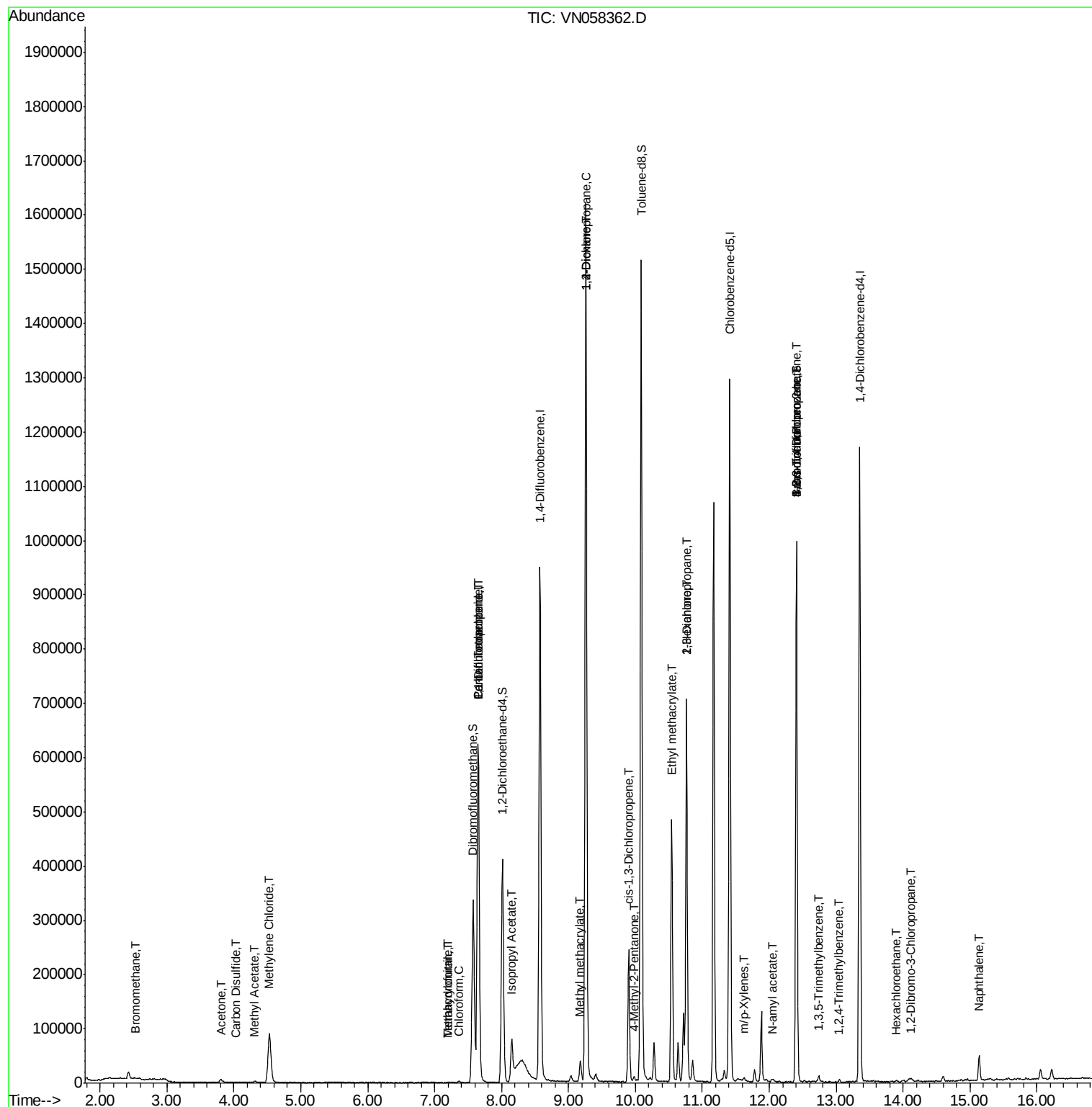
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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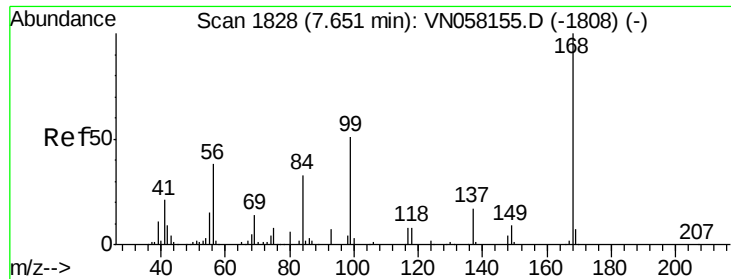
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092519\
Data File : VN058362.D
Acq On : 25 Sep 2019 13:20
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

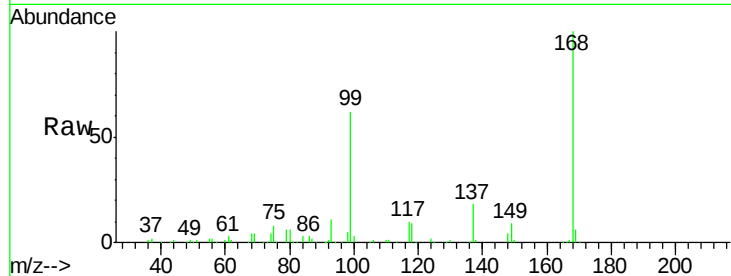
ClientSampled :

Tot Ion:168 Resp: 486262

Ion Ratio Lower Upper

168 100

99 62.2 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

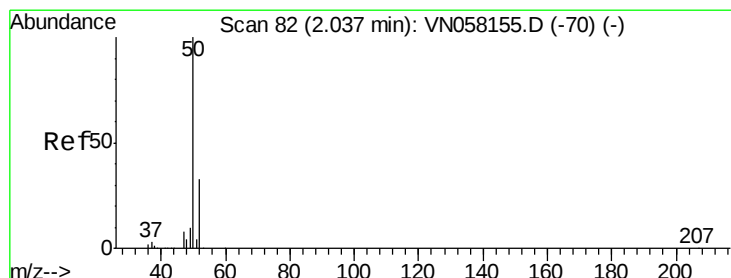
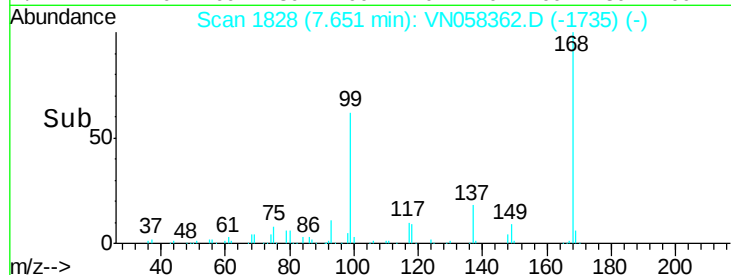
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058362.D

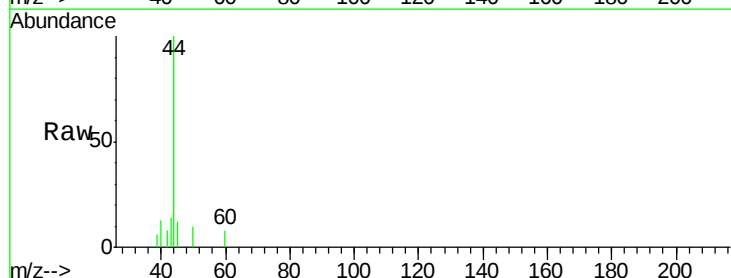
Acq: 25 Sep 2019 13:20

Tgt Ion: 50 Resp: 522

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

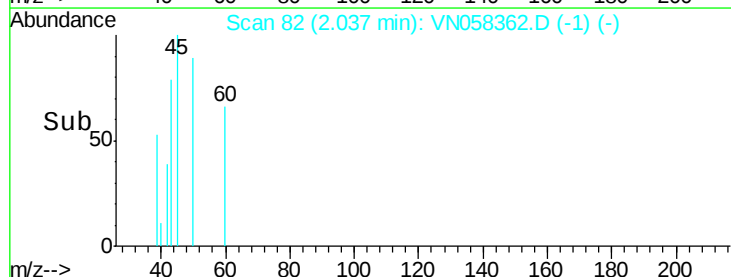
300

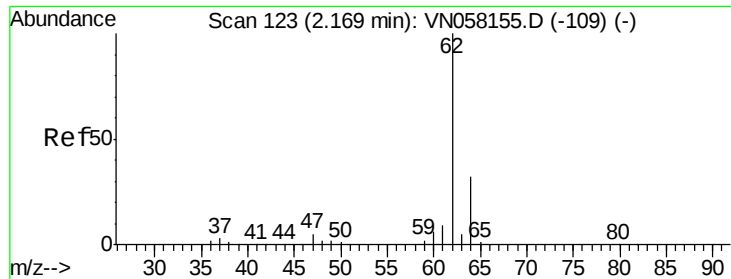
200

100

0

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.27 min Scan# 153

Delta R.T. 0.10 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

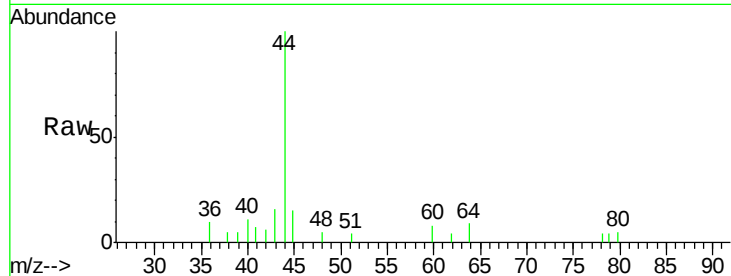
ClientSampled :

Tot Ion: 62 Resp: 29

Ion Ratio Lower Upper

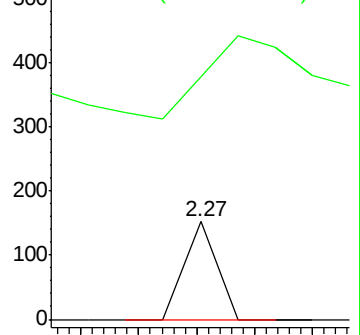
62 100

64 36.8 25.4 38.2

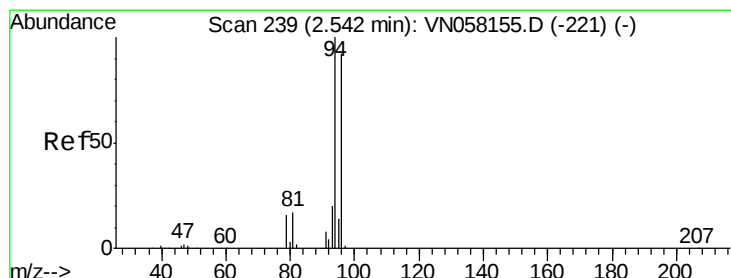
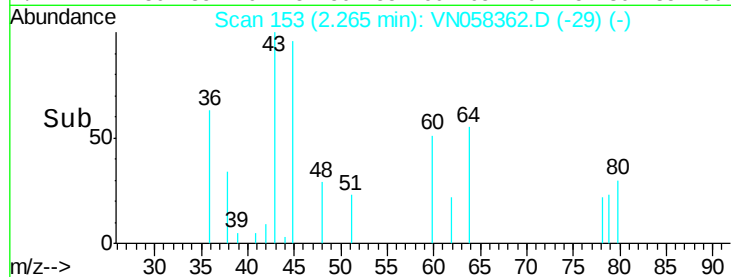


Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->



#5

Bromomethane

Concen: 0.738 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.01 min

Lab File: VN058362.D

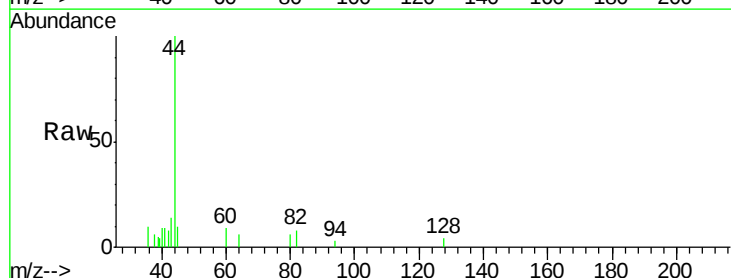
Acq: 25 Sep 2019 13:20

Tgt Ion: 94 Resp: 29

Ion Ratio Lower Upper

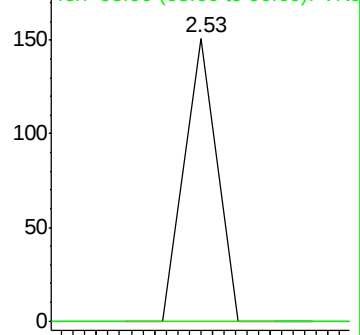
94 100

96 0.0 73.3 109.9#

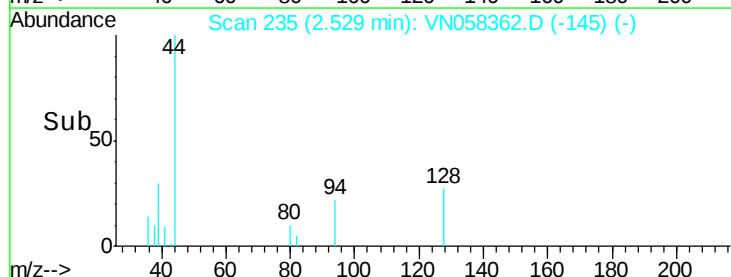


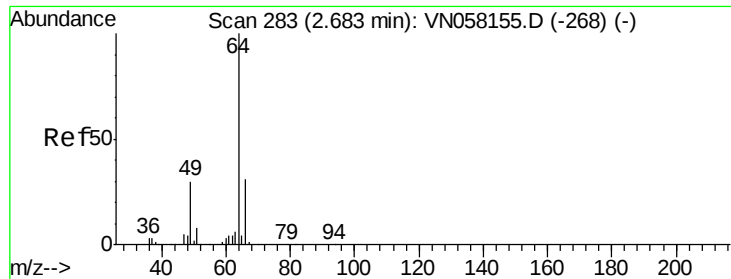
Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

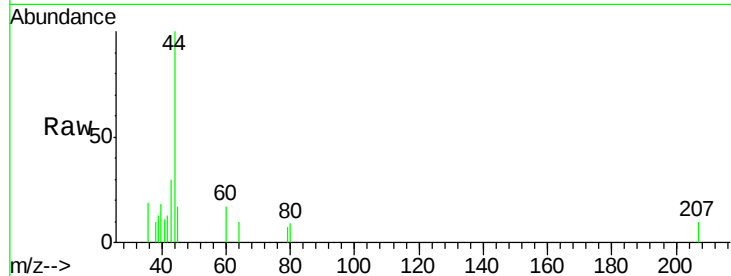
ClientSampleId :

Tot Ion: 64 Resp: 165

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



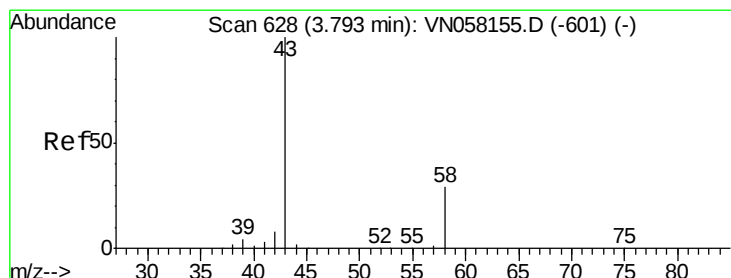
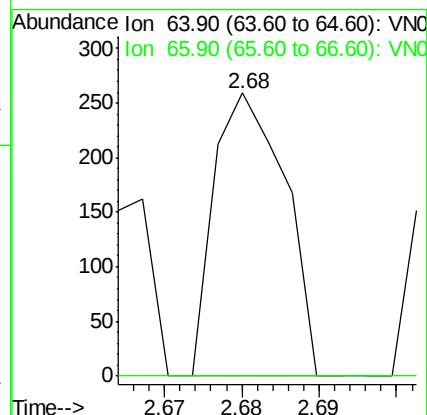
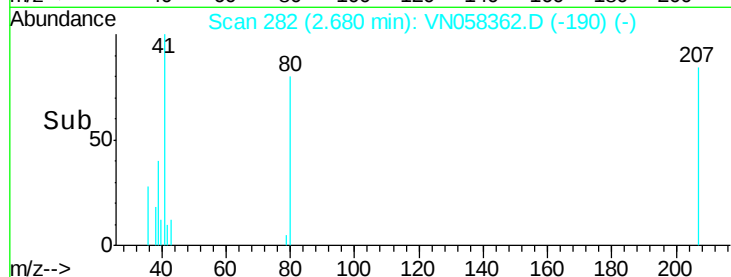
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

2.67

2.69



#16

Acetone

Concen: 4.597 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058362.D

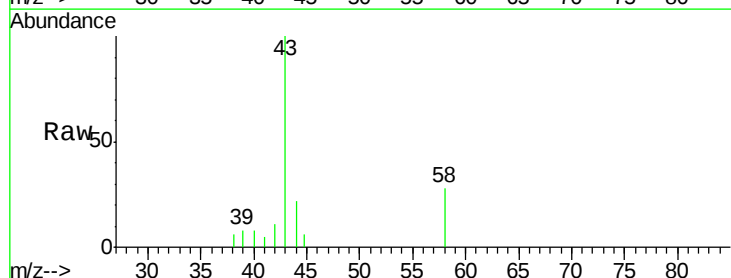
Acq: 25 Sep 2019 13:20

Tgt Ion: 43 Resp: 10567

Ion Ratio Lower Upper

43 100

58 27.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

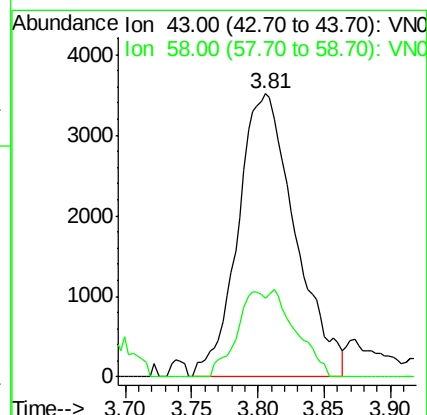
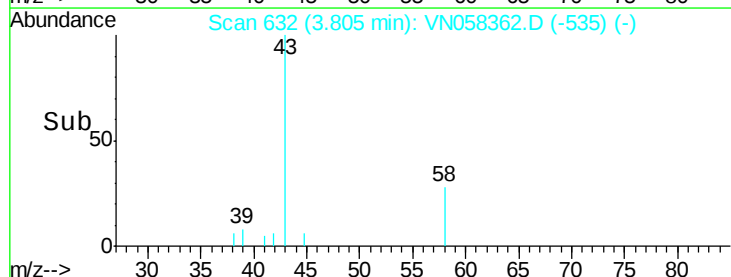
Ion 58.00 (57.70 to 58.70): VN0

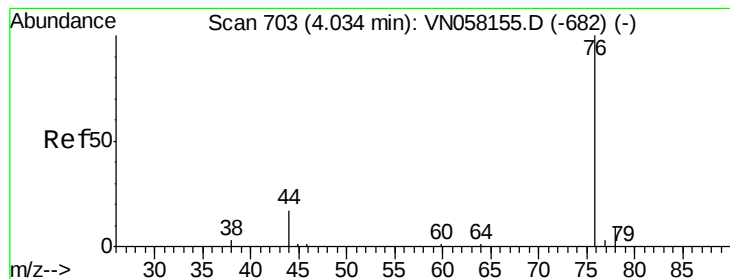
3.81

3.75

3.85

3.90





#17

Carbon Disulfide

Concen: 0.414 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

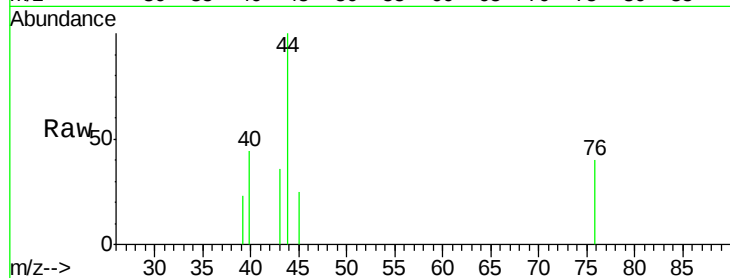
ClientSampleId :

Tot Ion: 76 Resp: 606

Ion Ratio Lower Upper

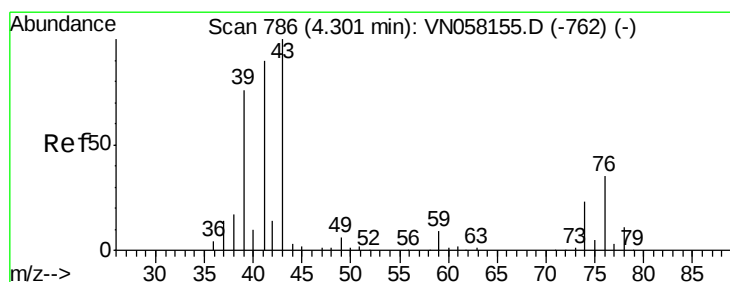
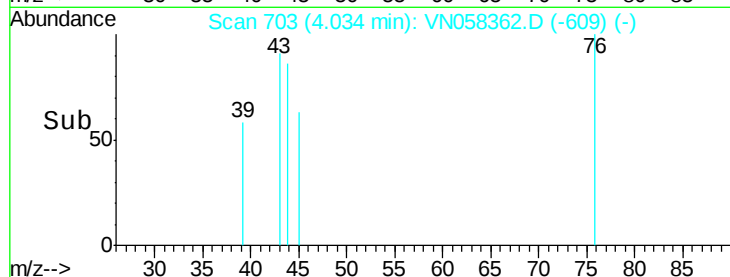
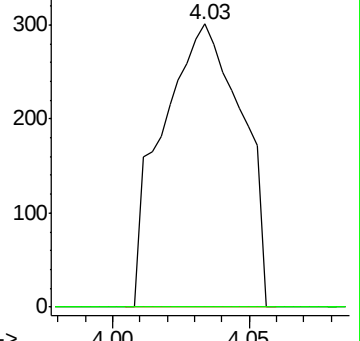
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 0.240 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN058362.D

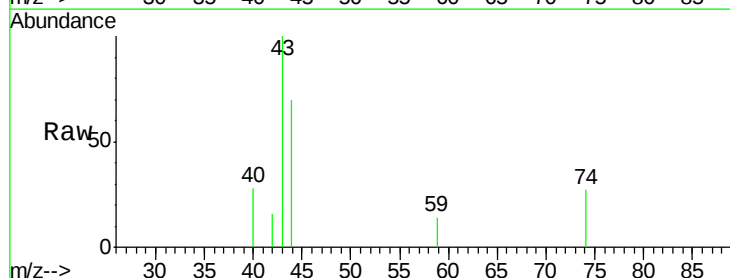
Acq: 25 Sep 2019 13:20

Tgt Ion: 43 Resp: 1450

Ion Ratio Lower Upper

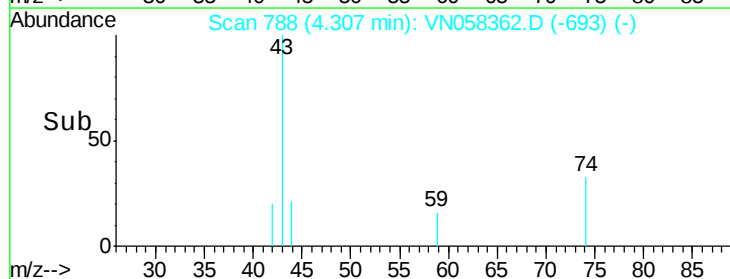
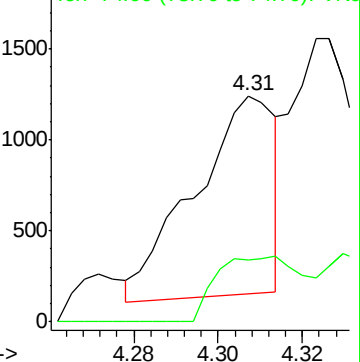
43 100

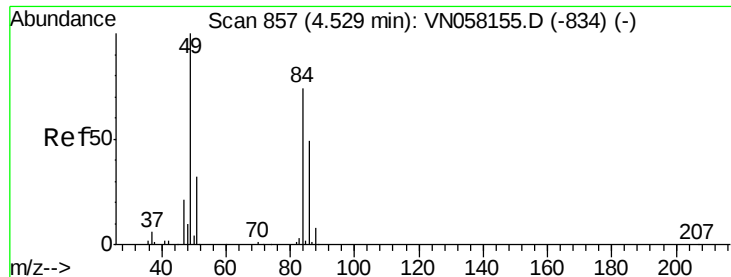
74 35.4 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

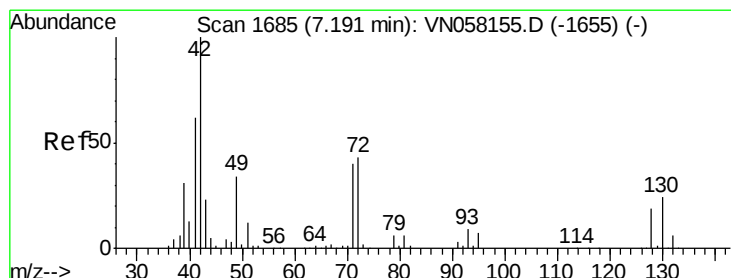
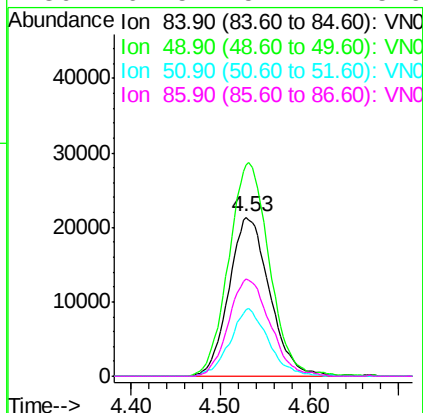
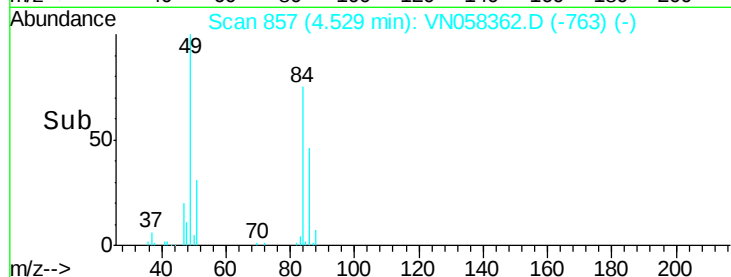
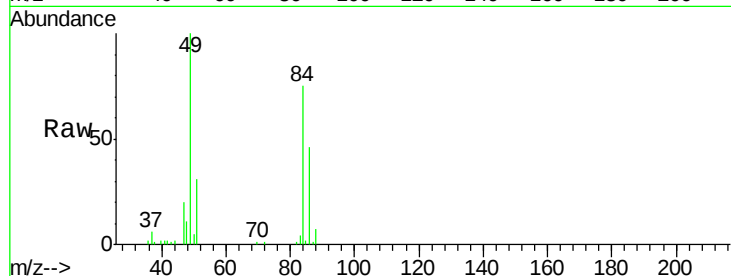




#20
Methvlene Chloride
Concen: 16.628 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

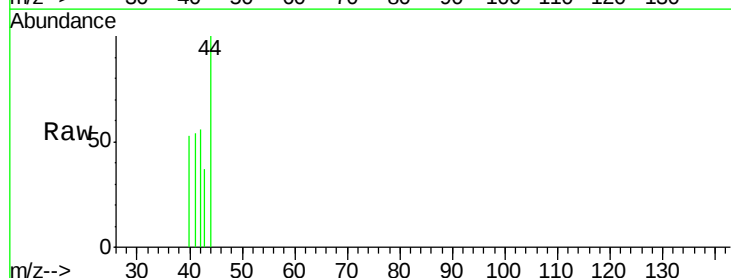
Instrument :
MSVOA_N
ClientSampled :

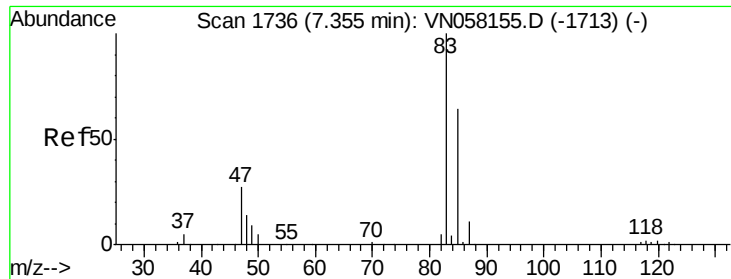
Tot Ion:	84	Resp:	67521
Ion	Ratio	Lower	Upper
84	100		
49	132.8	107.5	161.3
51	41.7	33.9	50.9
86	61.5	52.4	78.6



#29
Tetrahydrofuran
Concen: 0.249 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

Tgt Ion:	42	Resp:	481
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	12.7	31.4	47.0#

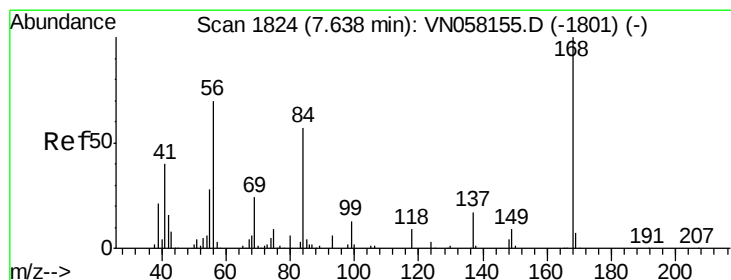
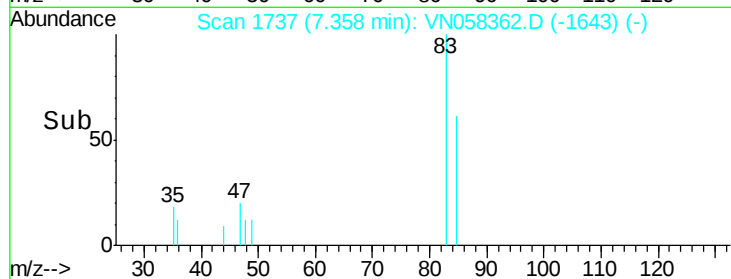
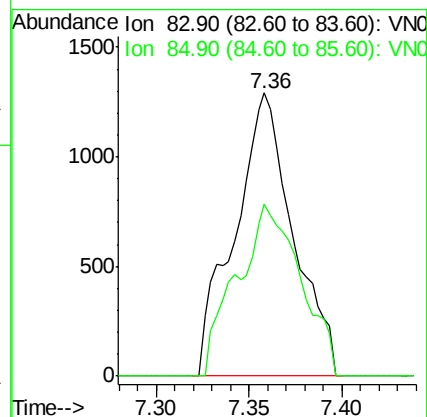
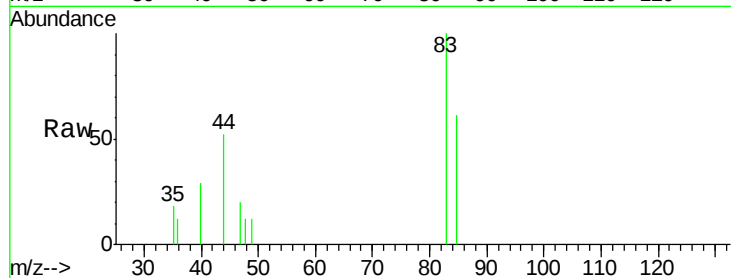




#30
Chloroform
Concen: 0.301 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

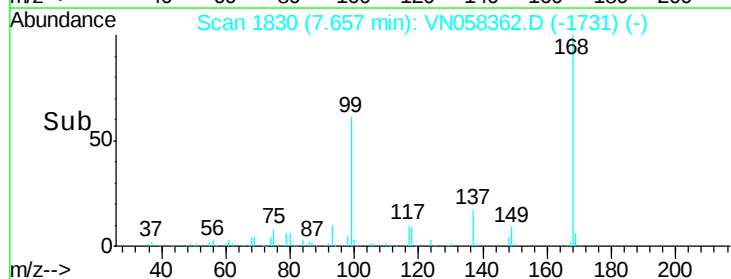
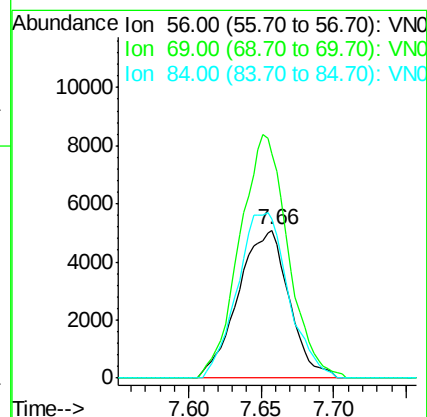
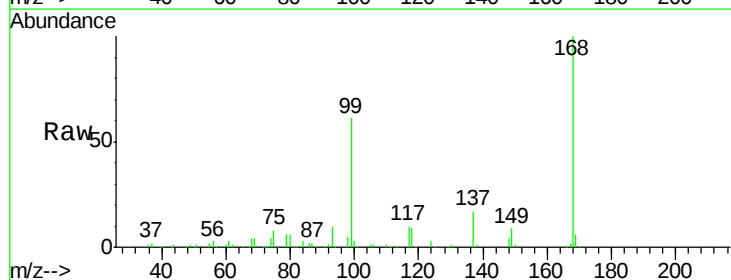
Instrument :
MSVOA_N
ClientSampled :

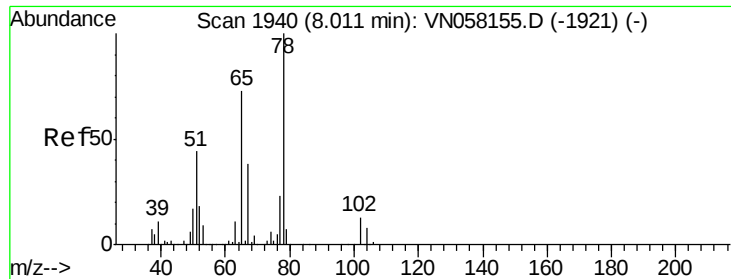
Tot Ion: 83 Resp: 2829
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1830
Delta R.T. 0.02 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

Tgt Ion: 56 Resp: 12420
Ion Ratio Lower Upper
56 100
69 152.4 27.3 40.9#
84 108.1 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 53.462 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

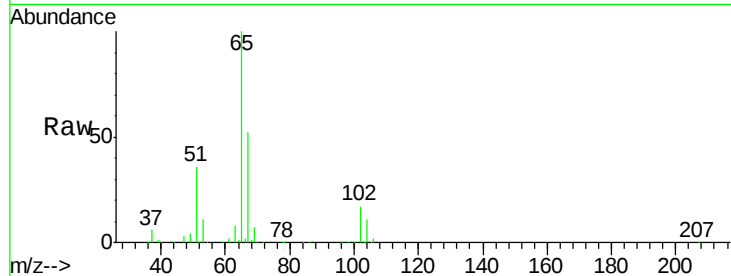
ClientSampleId :

Tot Ion: 65 Resp: 362080

Ion Ratio Lower Upper

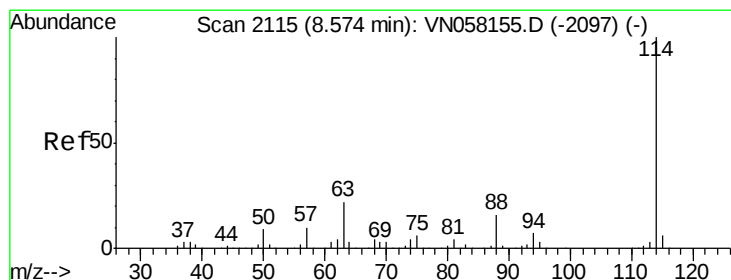
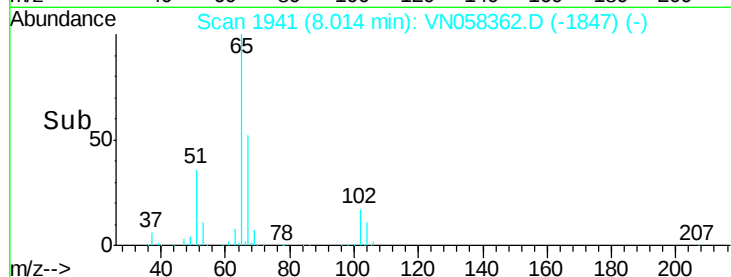
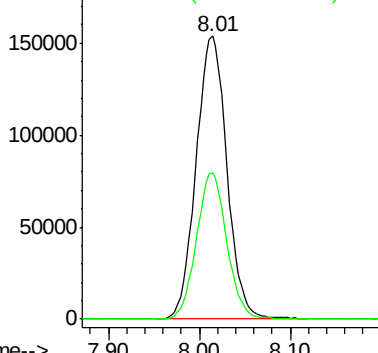
65 100

67 50.8 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

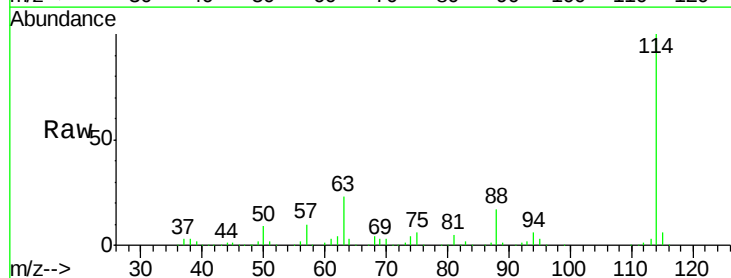
Tgt Ion: 114 Resp: 809680

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.2

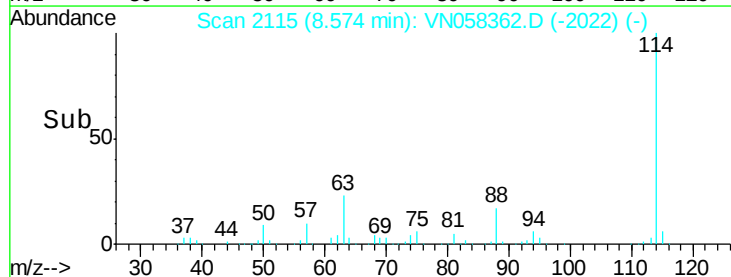
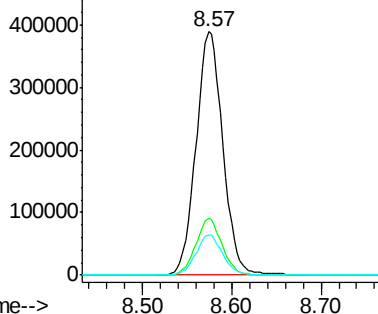
88 16.7 0.0 31.6

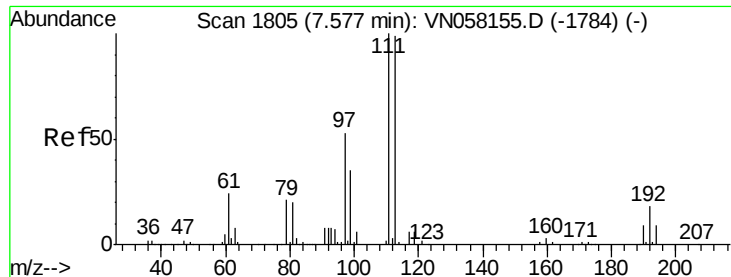


Abundance Ion 113.90 (113.60 to 114.60): VNO

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO

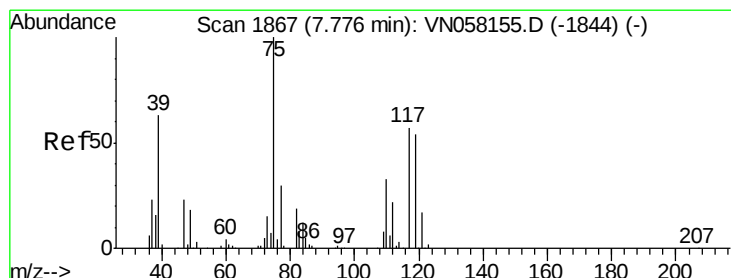
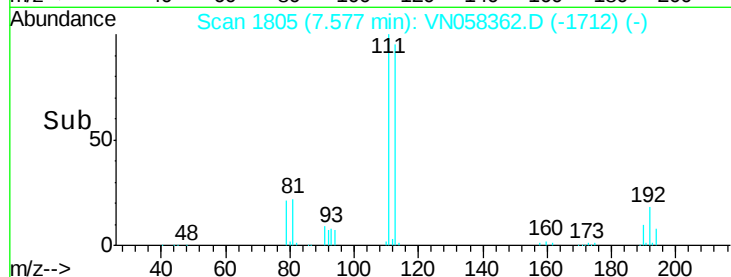
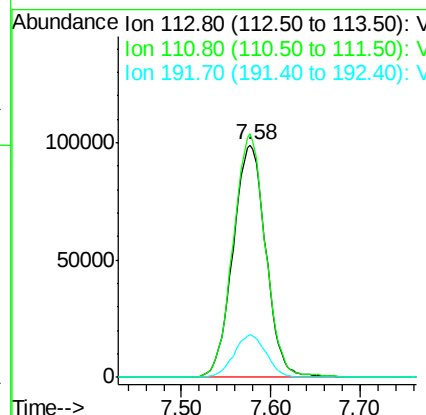
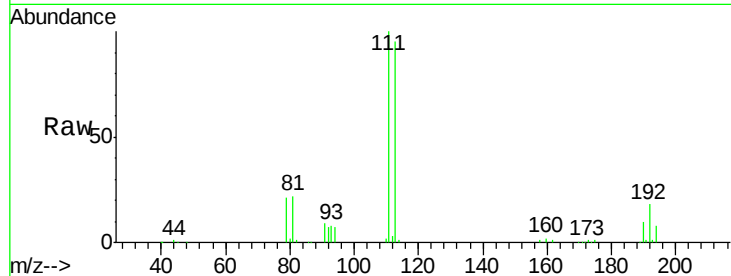




#35
 Dibromofluoromethane
 Concen: 51.342 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058362.D
 Acq: 25 Sep 2019 13:20

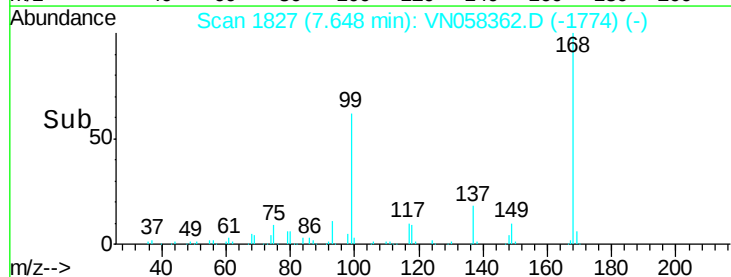
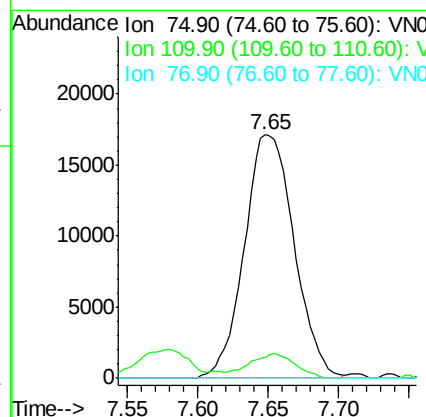
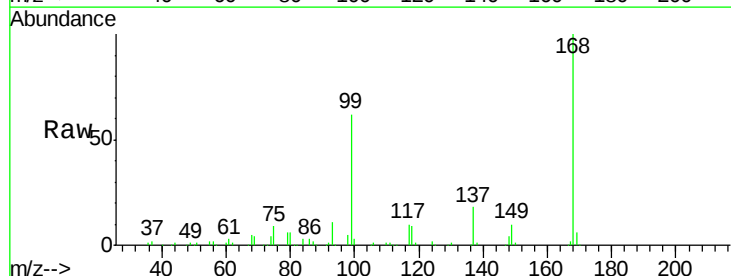
Instrument :
 MSVOA_N
 ClientSampleId :

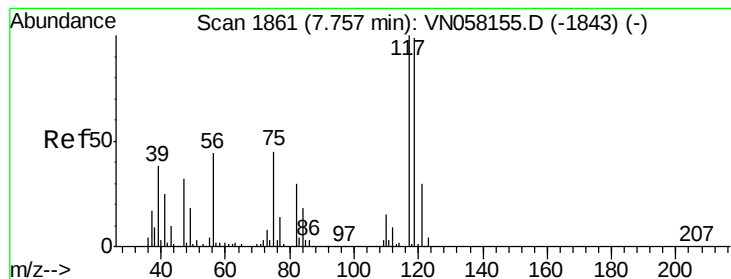
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	18.1	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 7.240 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058362.D
 Acq: 25 Sep 2019 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.6	49.7#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 8.726 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

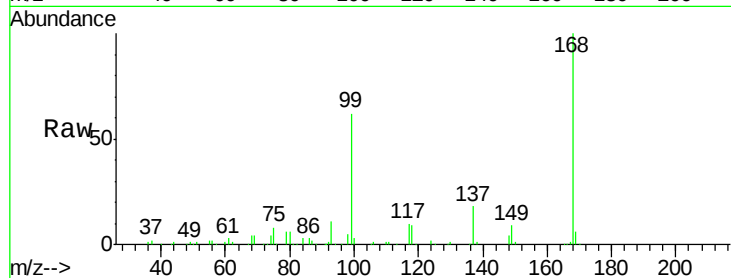
Tot Ion:117 Resp: 51220

Ion Ratio Lower Upper

117 100

119 4.7 78.6 117.8#

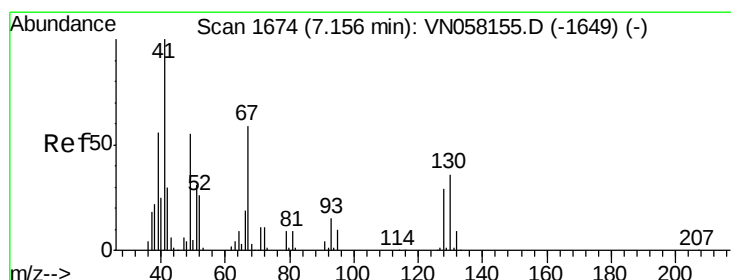
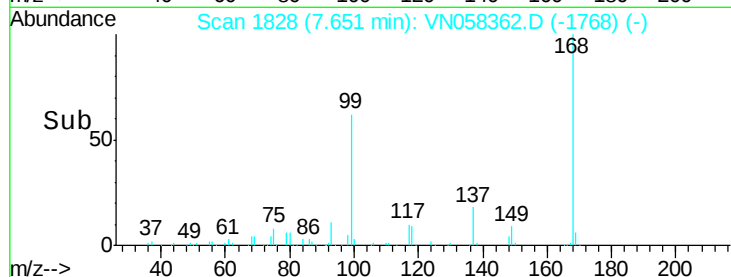
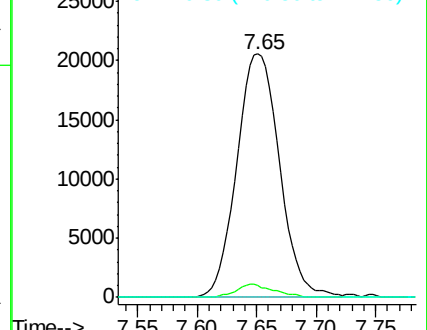
121 0.0 24.1 36.1#



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



#41

Methacrylonitrile

Concen: 1.042 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.05 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Tgt Ion: 41 Resp: 407

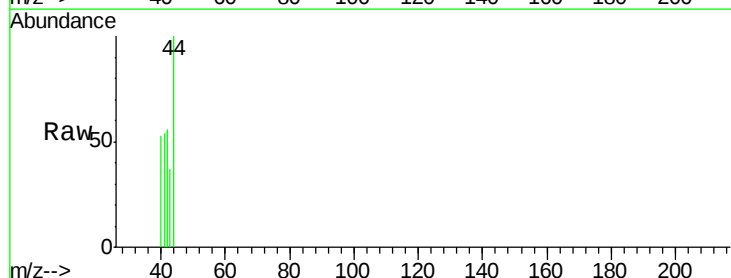
Ion Ratio Lower Upper

41 100

39 23.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

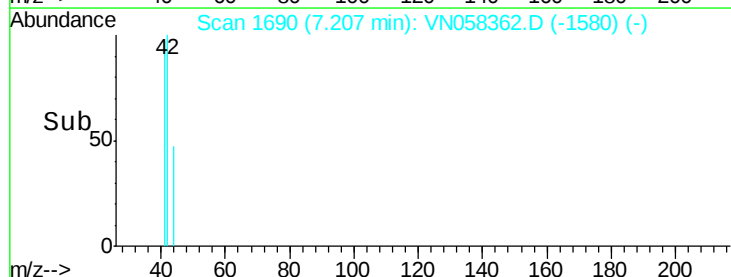
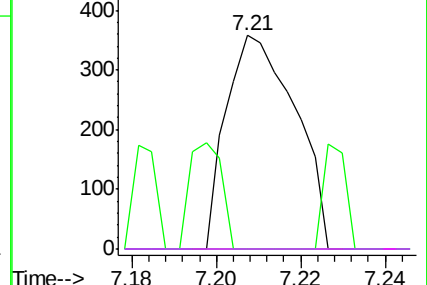


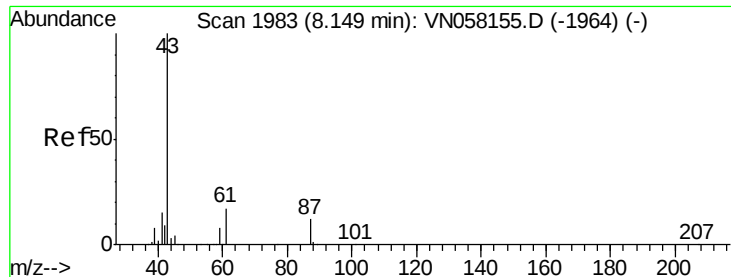
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 9.202 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

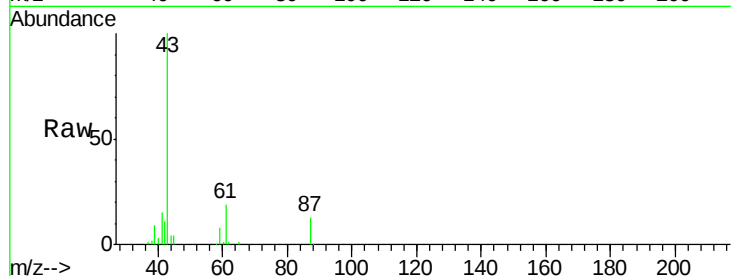
Tot Ion: 43 Resp: 104136

Ion Ratio Lower Upper

43 100

61 18.1 19.7 29.5#

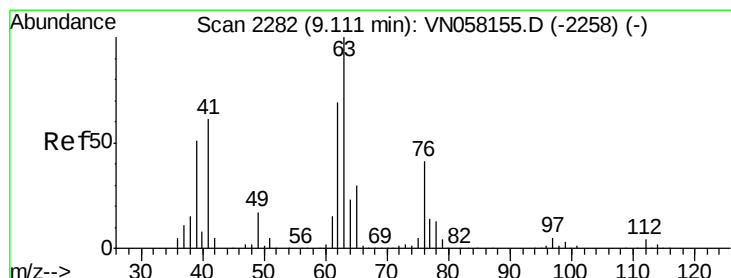
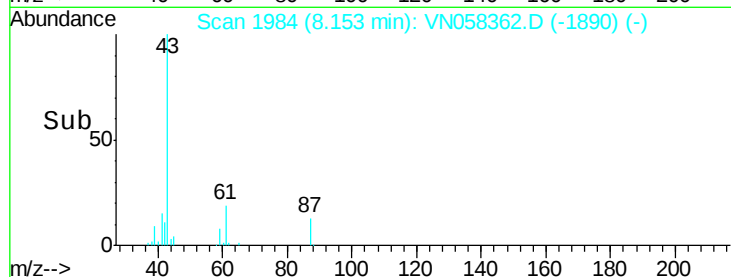
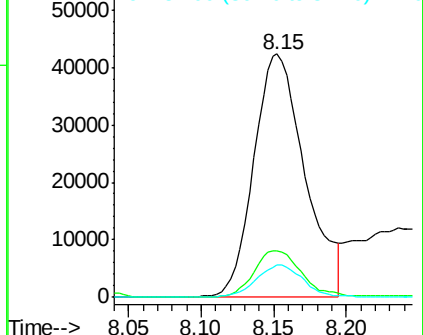
87 12.1 9.4 14.2



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: 0.395 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058362.D

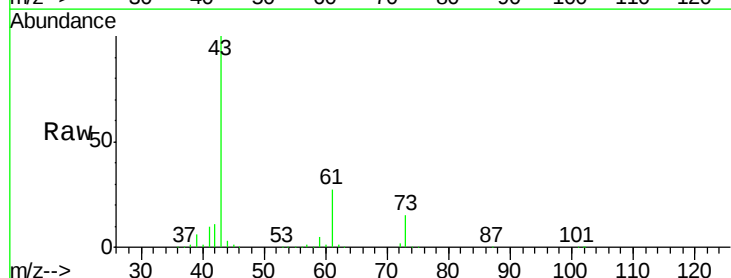
Acq: 25 Sep 2019 13:20

Tgt Ion: 63 Resp: 2102

Ion Ratio Lower Upper

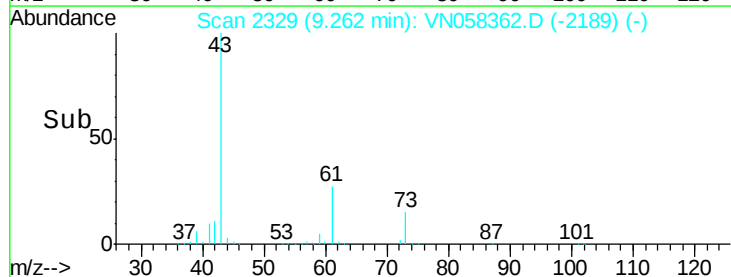
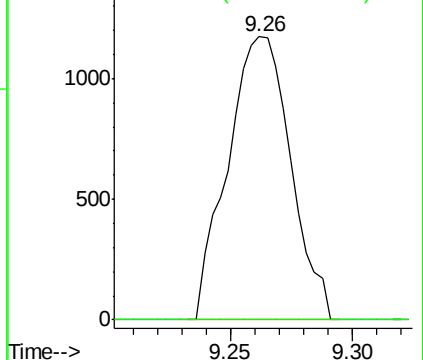
63 100

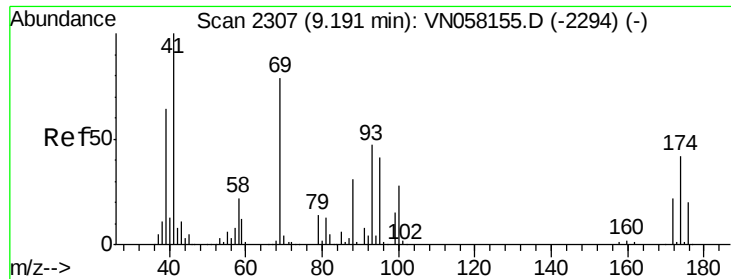
65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

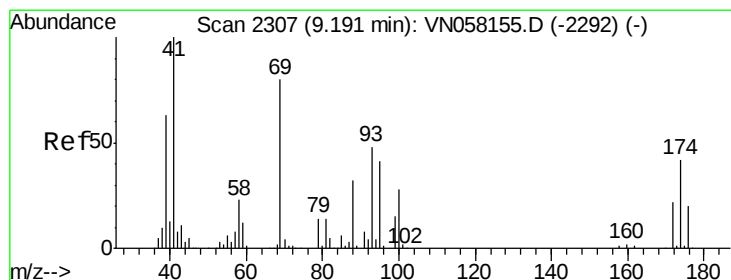
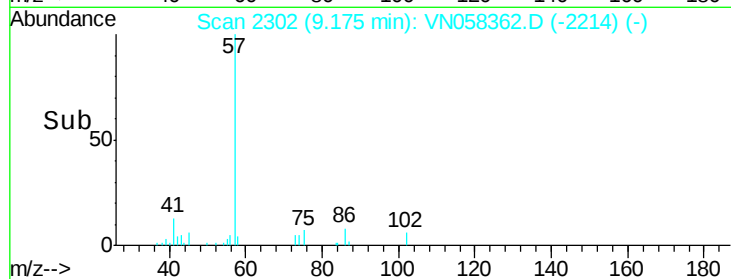
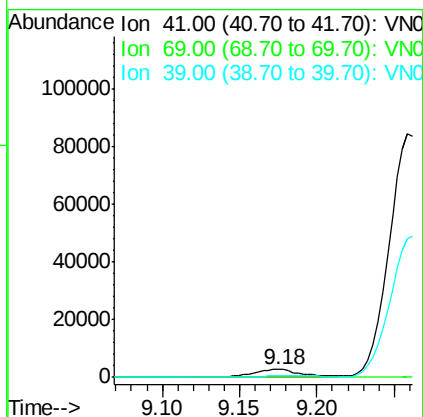
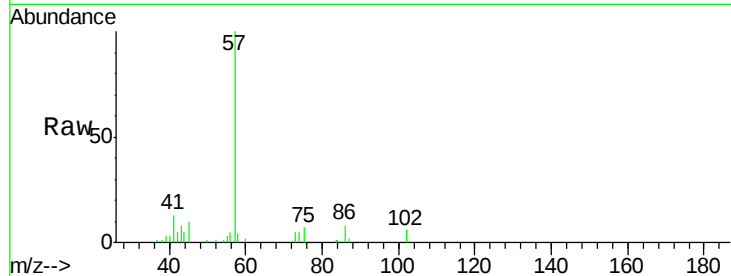




#48
Methvl methacrylate
Concen: 1.167 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

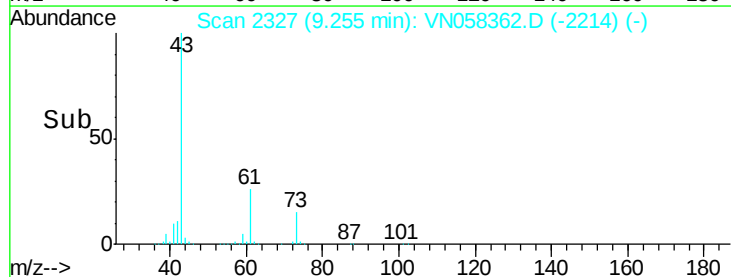
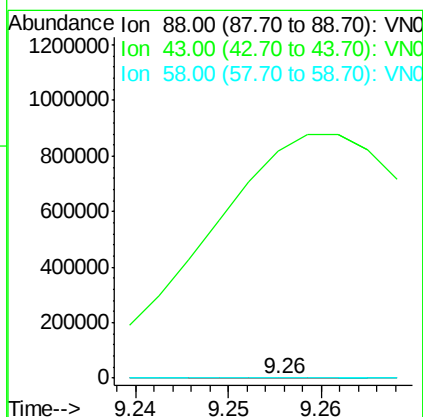
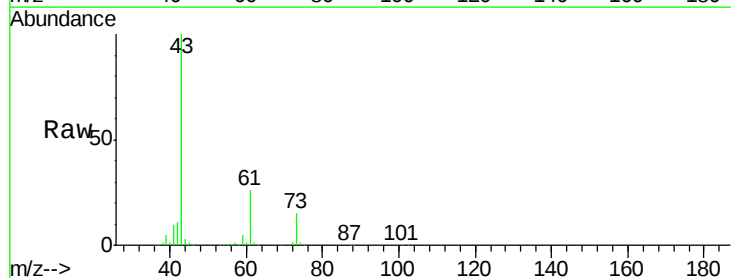
Instrument :
MSVOA_N
ClientSampleId :

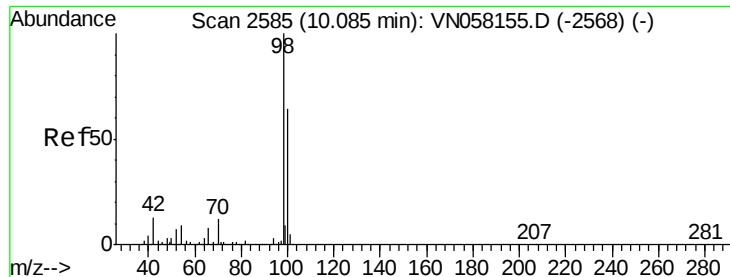
Tot Ion: 41 Resp: 5995
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#49
1,4-Dioxane
Concen: 0.806 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 2427380.9 27.8 41.8#
58 10583.8 55.0 82.4#





#50

Toluene-d8

Concen: 54.348 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

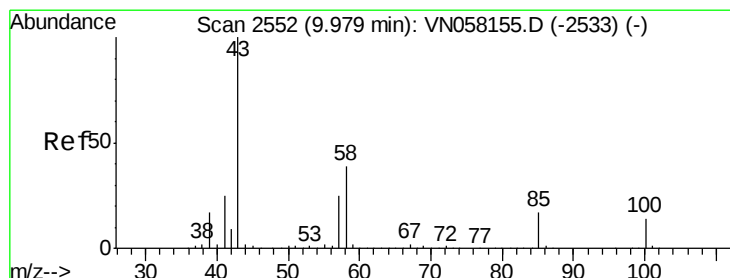
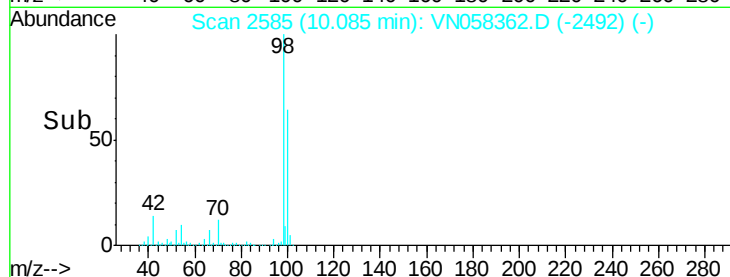
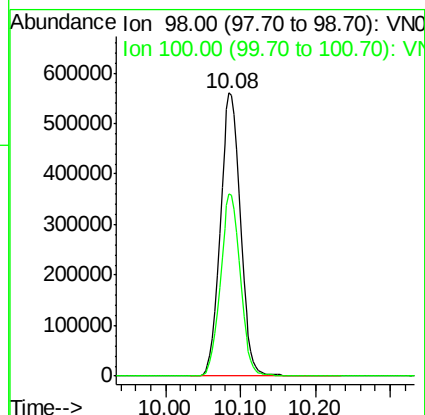
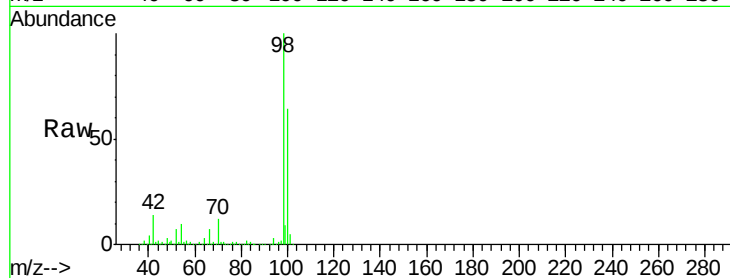
ClientSampled :

Tot Ion: 98 Resp: 1042282

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.200 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058362.D

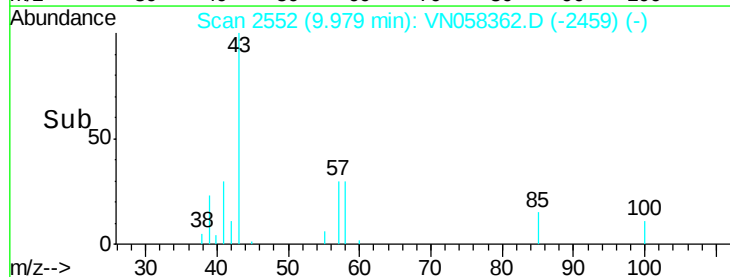
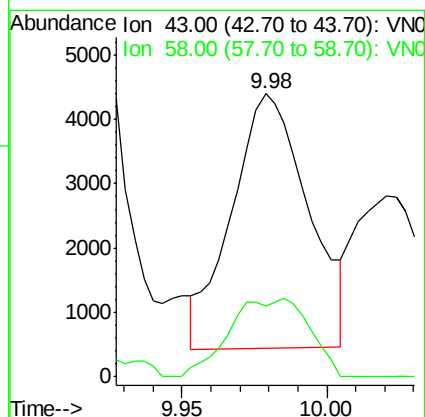
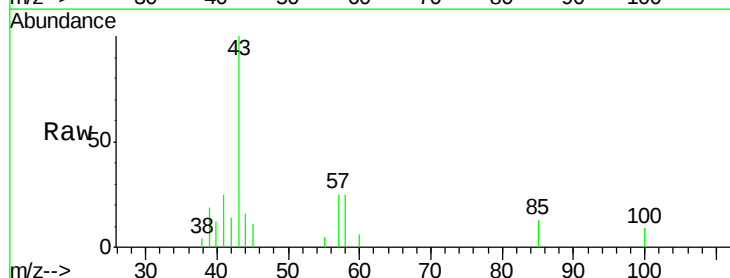
Acq: 25 Sep 2019 13:20

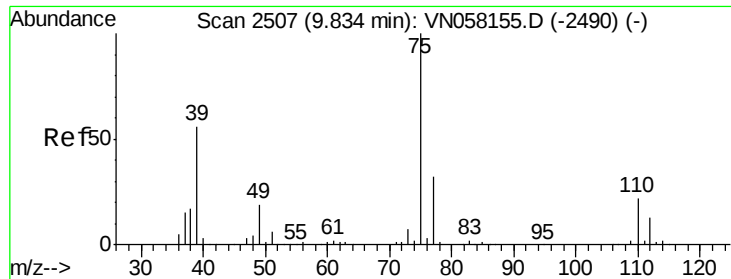
Tgt Ion: 43 Resp: 7213

Ion Ratio Lower Upper

43 100

58 16.5 30.2 45.4#



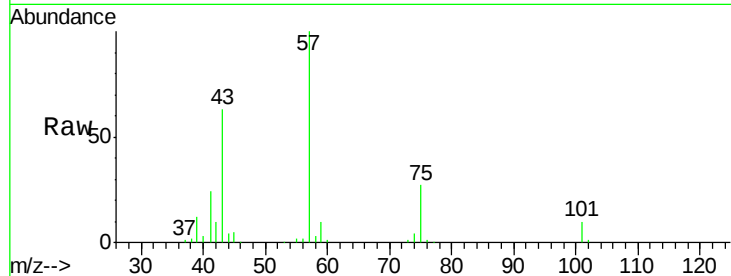


#54

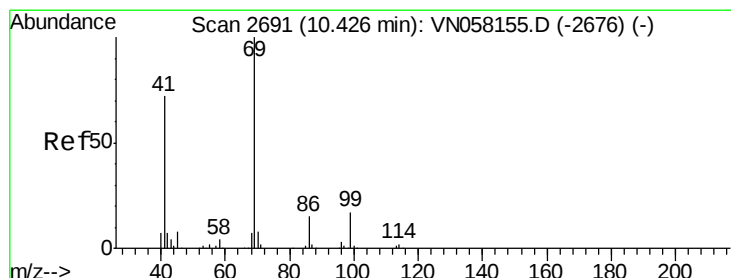
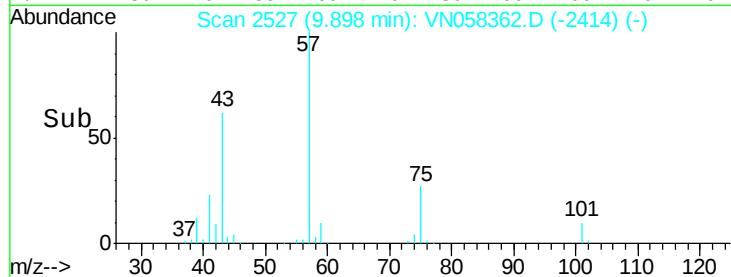
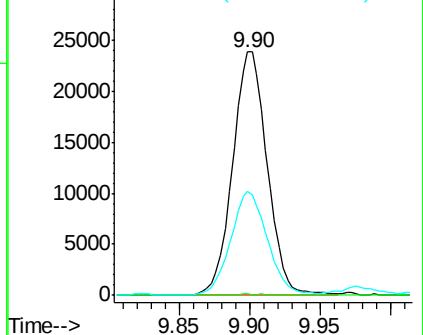
cis-1,3-Dichloropropene
 Concen: 5.340 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058362.D
 Acq: 25 Sep 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 40971
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.4 38.0#
 39 42.6 45.0 67.6#



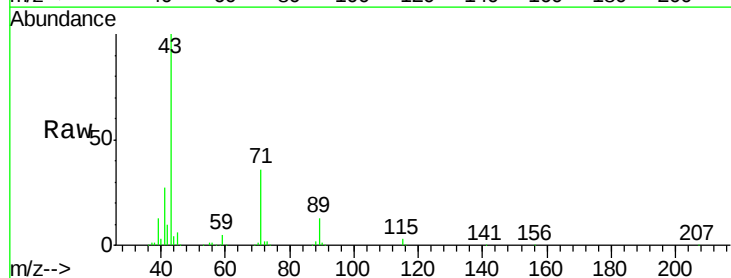
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



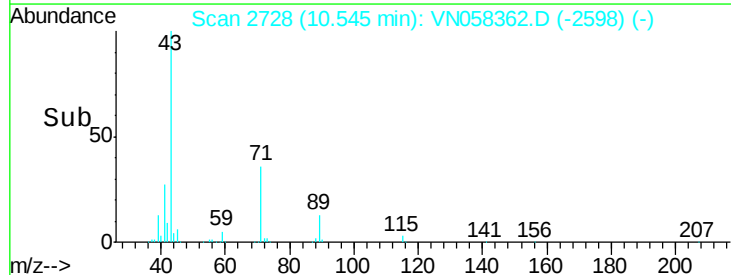
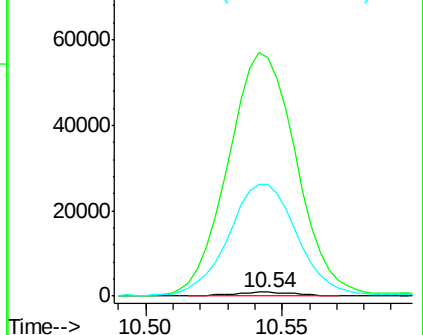
#56

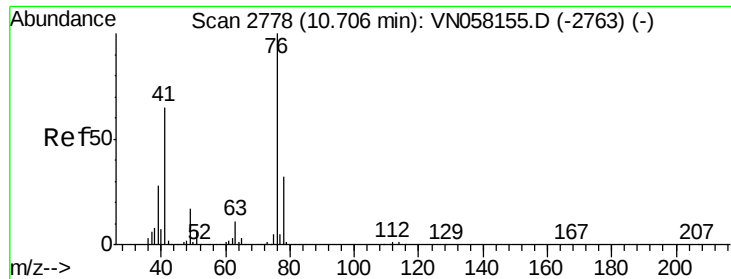
Ethyl methacrylate
 Concen: 0.220 ug/l
 RT: 10.54 min Scan# 2728
 Delta R.T. 0.12 min
 Lab File: VN058362.D
 Acq: 25 Sep 2019 13:20

Tgt Ion: 69 Resp: 1573
 Ion Ratio Lower Upper
 69 100
 41 6262.3 57.5 86.3#
 39 2963.3 36.1 54.1#



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





#57

1,3-Dichloropropane

Concen: 0.844 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

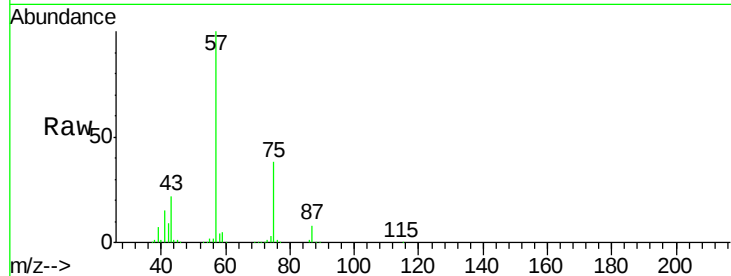
ClientSampled :

Tot Ion: 76 Resp: 7197

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

10.76

4000

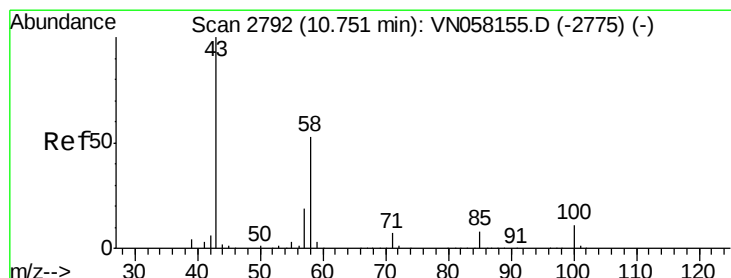
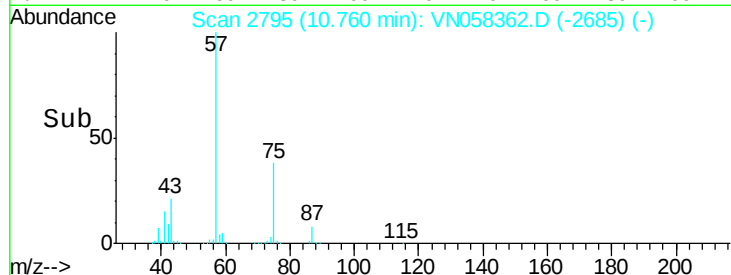
3000

2000

1000

0

Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 24.618 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058362.D

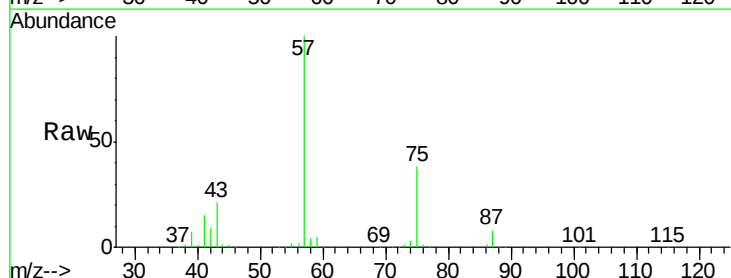
Acq: 25 Sep 2019 13:20

Tgt Ion: 43 Resp: 109904

Ion Ratio Lower Upper

43 100

58 18.5 26.0 78.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

80000

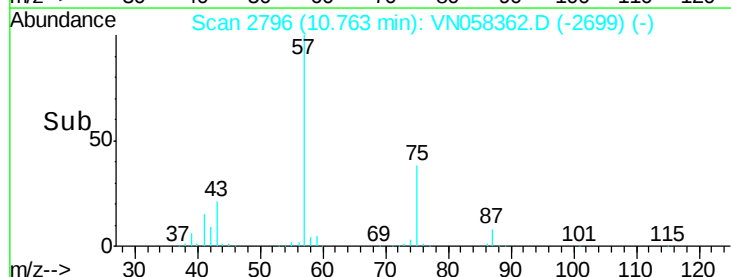
60000

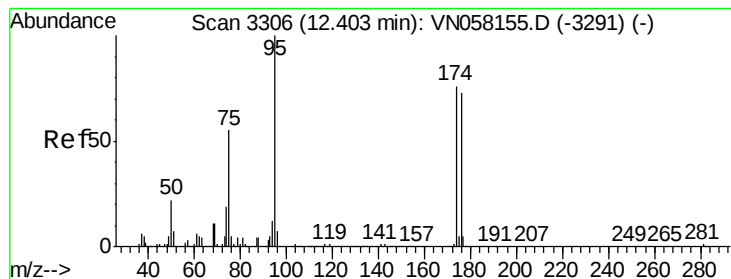
40000

20000

0

Time--> 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 47.572 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

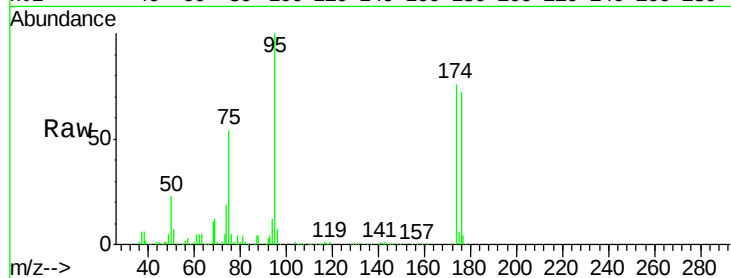
Tot Ion: 95 Resp: 338892

Ion Ratio Lower Upper

95 100

174 75.4 0.0 152.2

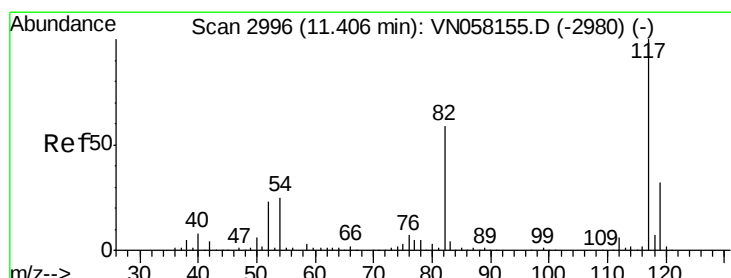
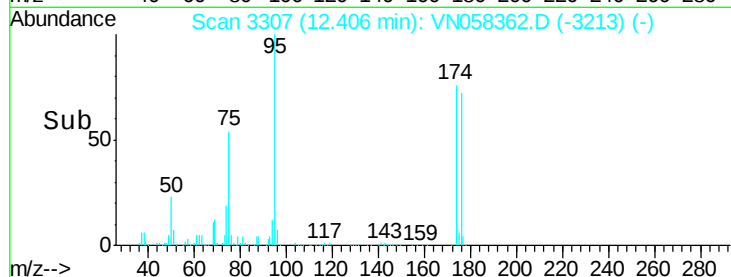
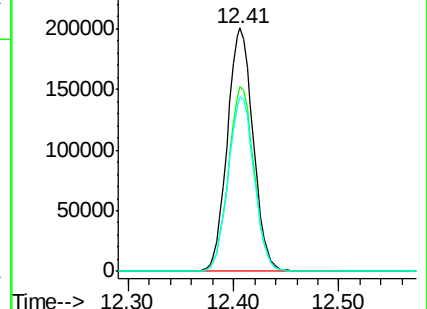
176 72.2 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

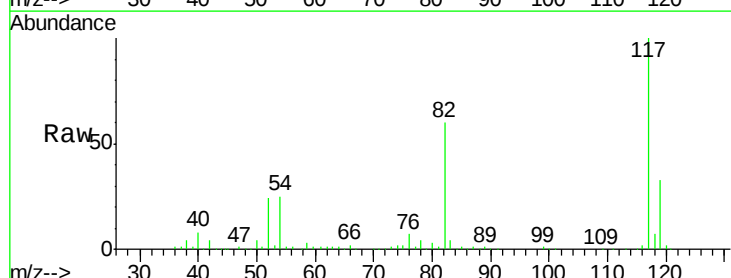
Tgt Ion: 117 Resp: 702484

Ion Ratio Lower Upper

117 100

82 60.2 46.9 70.3

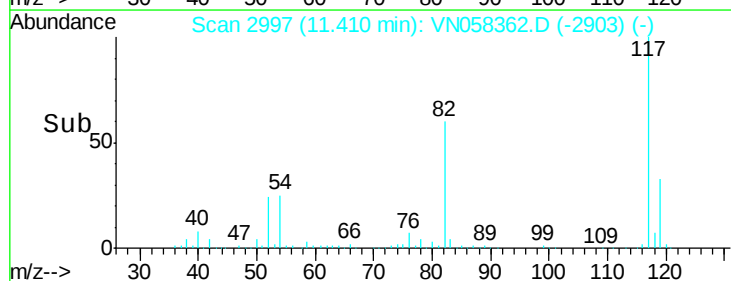
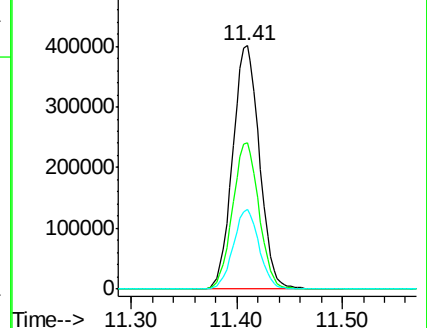
119 32.5 25.3 37.9

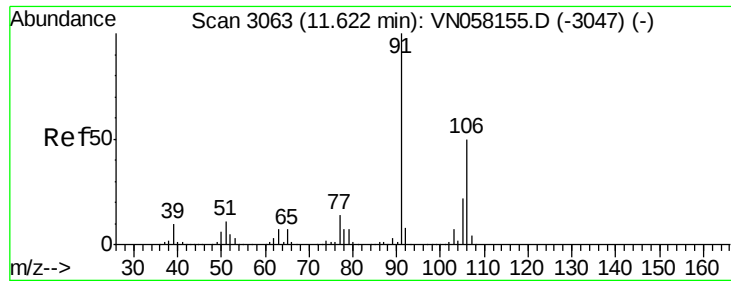


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#68

m/p-Xvlenes

Concen: 0.214 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

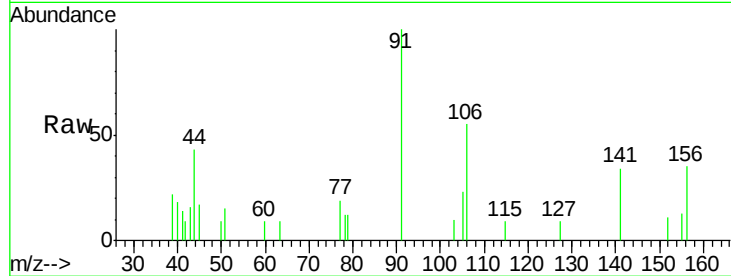
ClientSampled :

Tot Ion:106 Resp: 1707

Ion Ratio Lower Upper

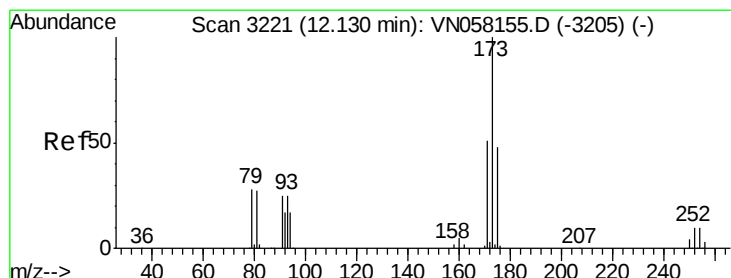
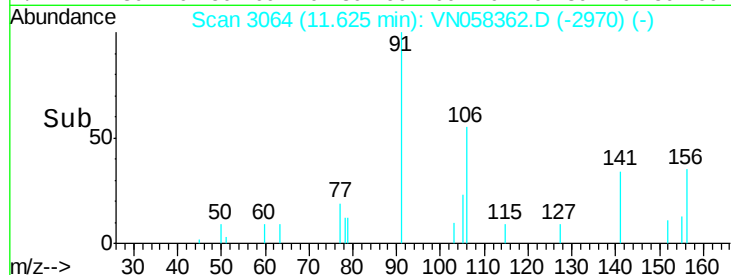
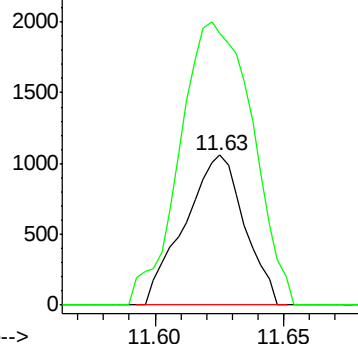
106 100

91 230.2 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 3.705 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

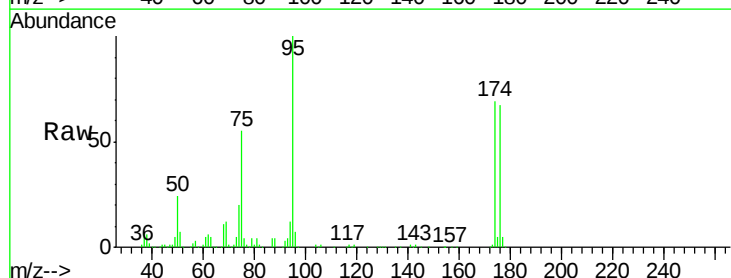
Tgt Ion:173 Resp: 395

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

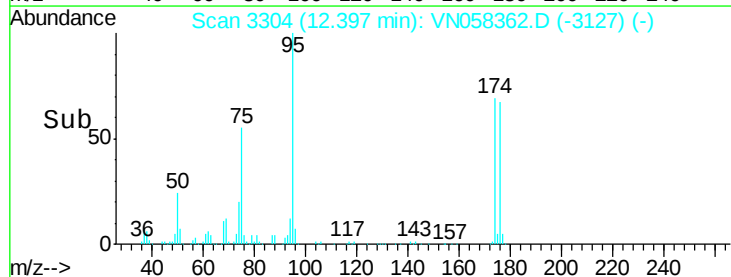
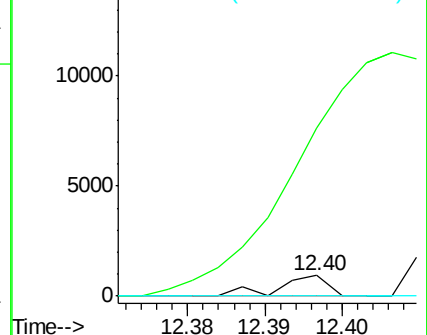
254 0.0 0.1 0.1#

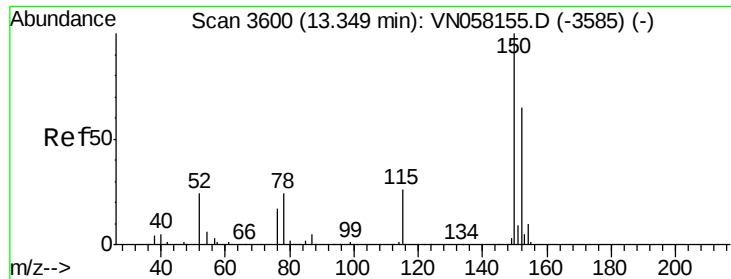


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

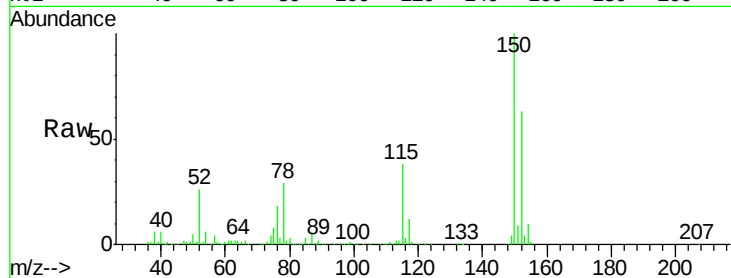
Tot Ion:152 Resp: 294225

Ion Ratio Lower Upper

152 100

115 61.2 30.1 90.3

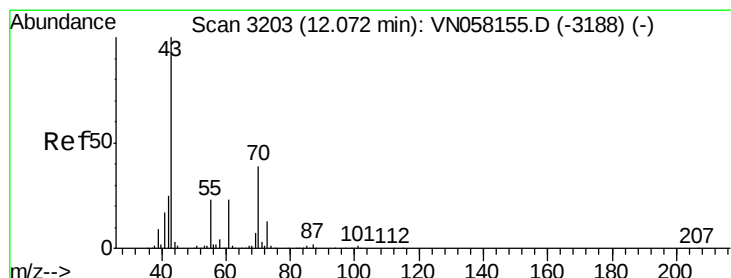
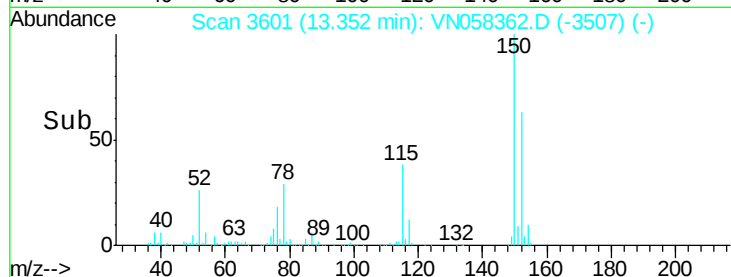
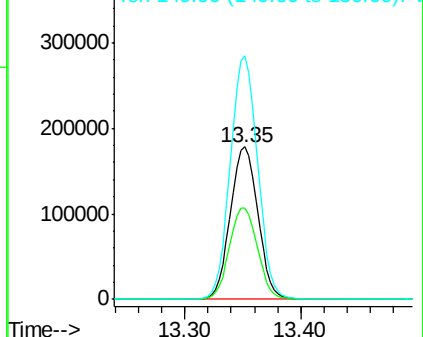
150 157.5 0.0 346.4



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: 0.617 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Tgt Ion: 43 Resp: 4755

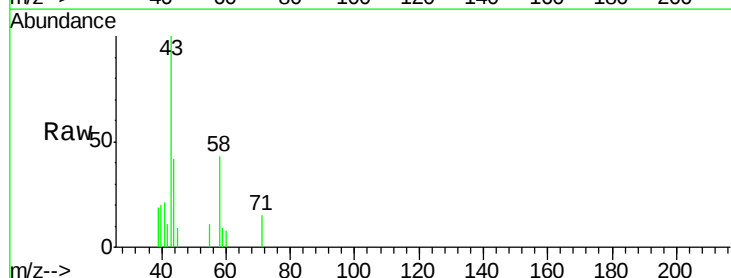
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 5.5 18.5 27.7#

61 0.0 18.2 27.2#

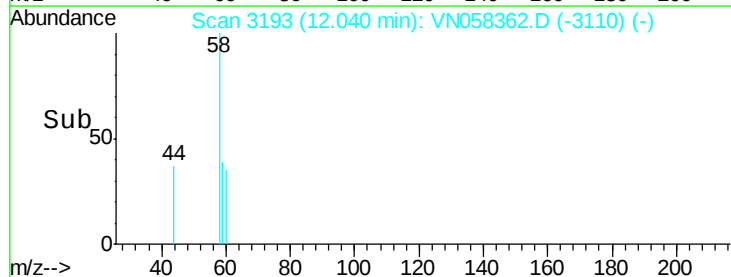
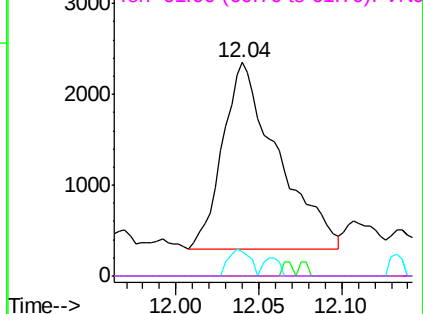


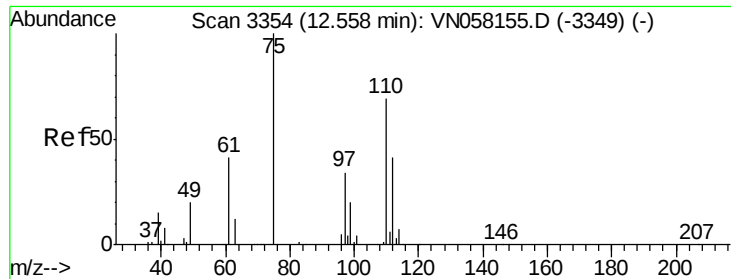
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.391 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

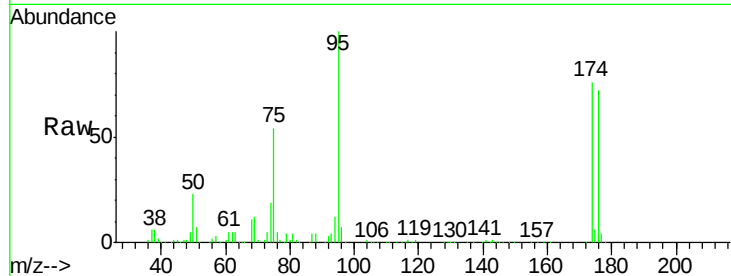
ClientSampleId :

Tot Ion: 75 Resp: 186358

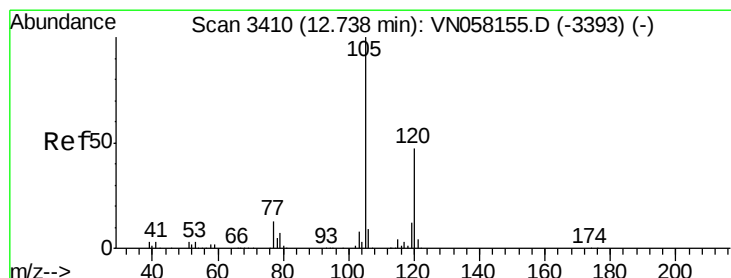
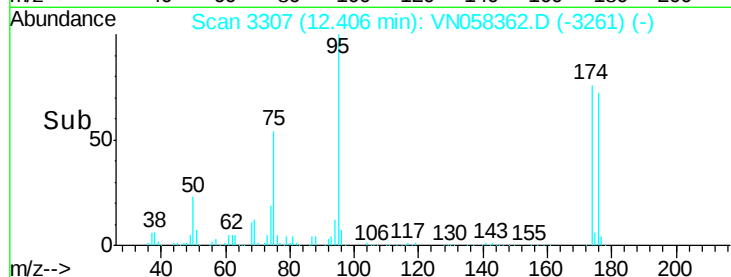
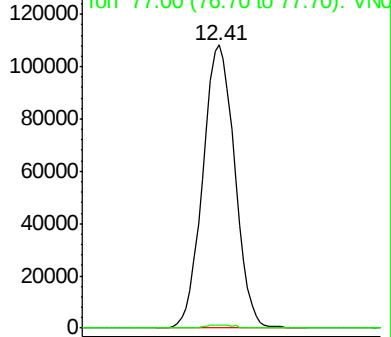
Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058155.D (-3349) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.331 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058362.D

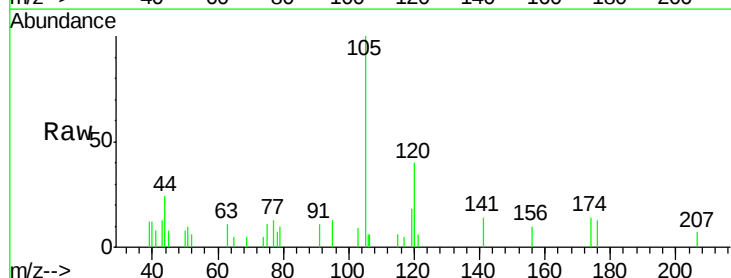
Acq: 25 Sep 2019 13:20

Tgt Ion: 105 Resp: 5158

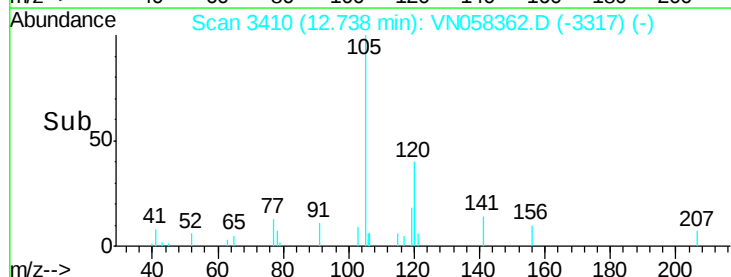
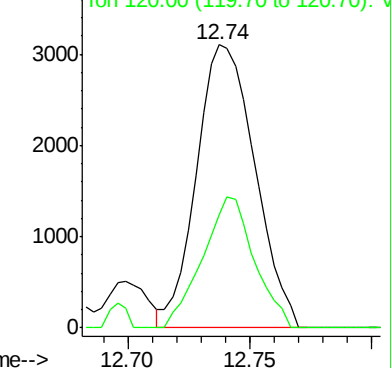
Ion Ratio Lower Upper

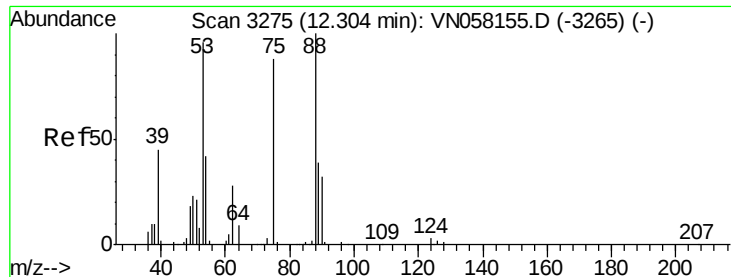
105 100

120 40.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058155.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 98.936 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

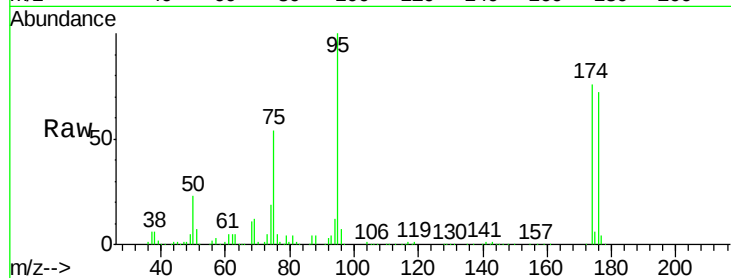
Tot Ion: 75 Resp: 186358

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

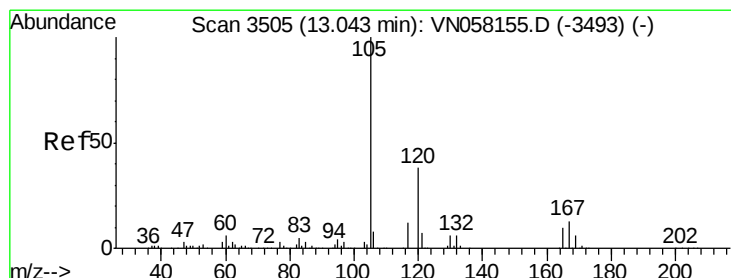
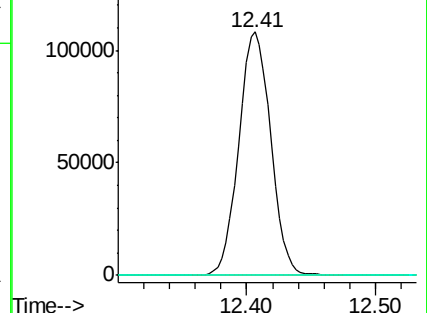
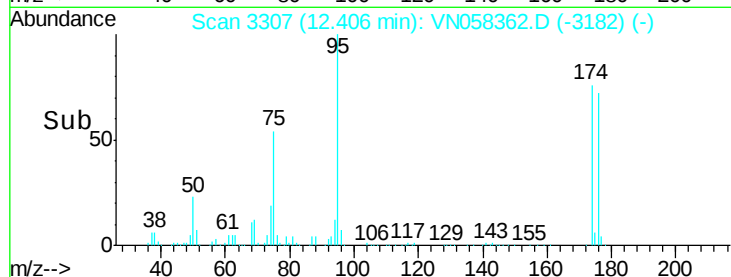
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN058362.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058362.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058362.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.216 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. 0.01 min

Lab File: VN058362.D

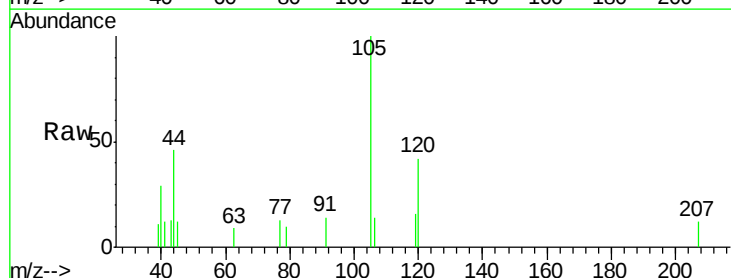
Acq: 25 Sep 2019 13:20

Tgt Ion: 105 Resp: 3352

Ion Ratio Lower Upper

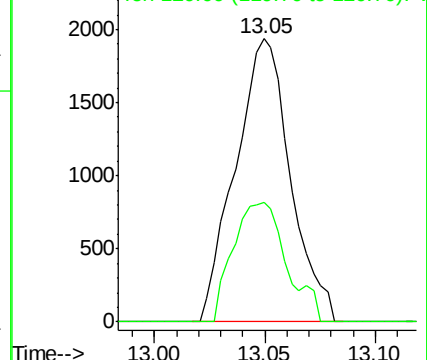
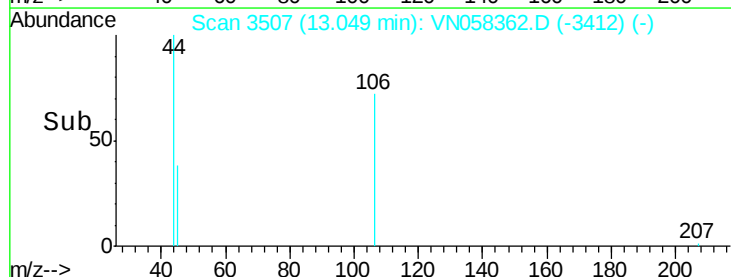
105 100

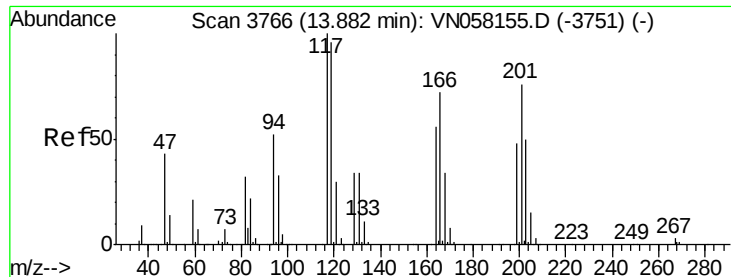
120 40.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN058362.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN058362.D (-3412) (-)





#90

Hexachloroethane

Concen: 2.859 ug/l

RT: 13.91 min Scan# 3774

Delta R.T. 0.03 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

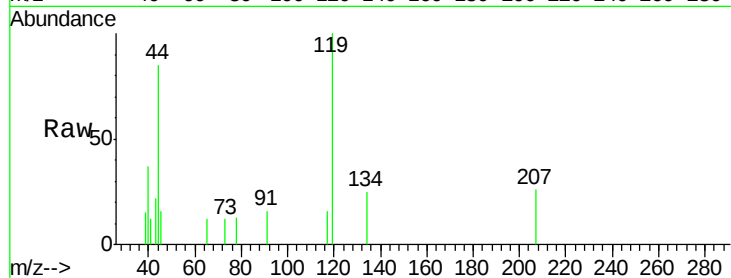
ClientSampled :

Tot Ion:117 Resp: 110

Ion Ratio Lower Upper

117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.91

200

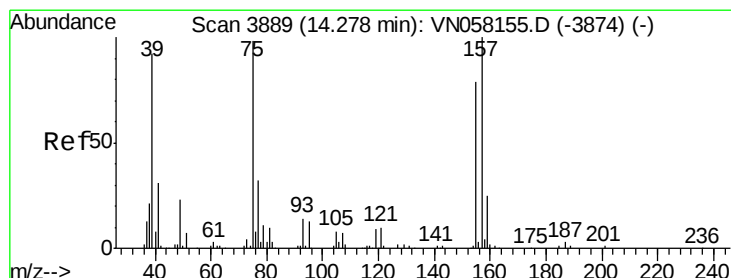
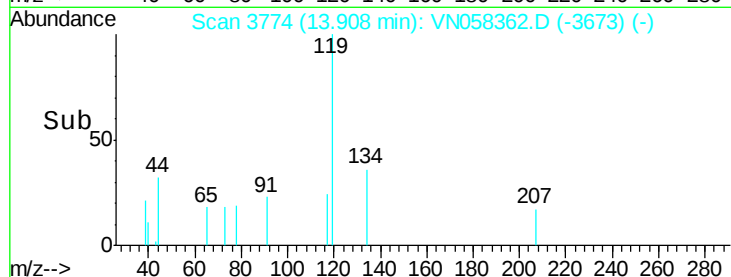
150

100

50

0

Time--> 13.89 13.90 13.91 13.92



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.203 ug/l

RT: 14.12 min Scan# 3841

Delta R.T. -0.15 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

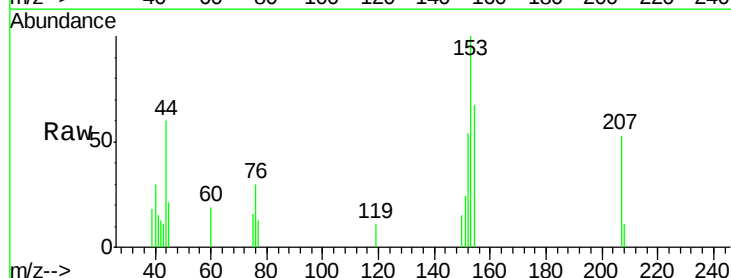
Tgt Ion: 75 Resp: 225

Ion Ratio Lower Upper

75 100

155 48.9 38.3 114.8

157 0.0 48.0 144.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

400

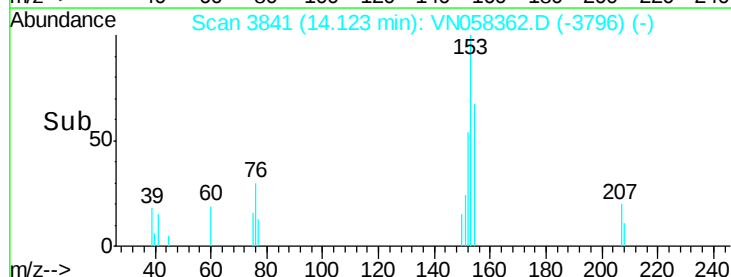
300

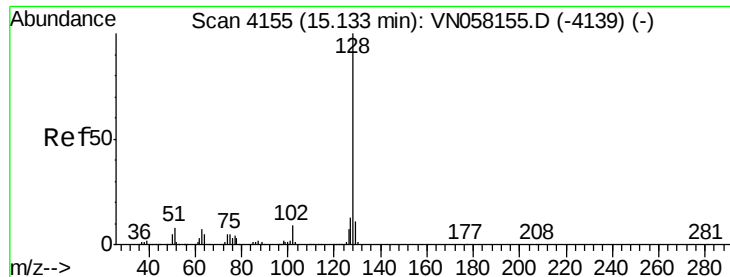
200

100

0

Time--> 14.10 14.12 14.14





#95

Naphthalene

Concen: 2.633 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

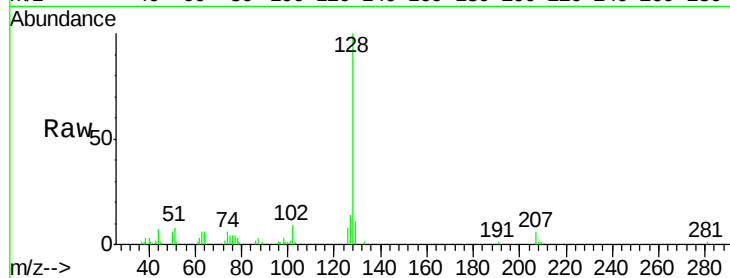
Tot Ion:128 Resp: 37000

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.7 8.6 12.8



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

