

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061505.D
 Acq On : 20 May 2020 17:03
 Operator : JC/MD
 Sample : L2645-06DL2 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320DL2

Quant Time: May 21 01:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	276587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	492584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	185227	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	7.55	113	144043	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
50) Toluene-d8	10.06	98	625620	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	237945	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	800	0.213	ug/l	96
5) Bromomethane	2.54	94	745	Below Cal	#	24
11) Tert butyl alcohol	4.72	59	102	0.214	ug/l #	73
13) Acrolein	3.52	56	248	Below Cal	#	1
16) Acetone	3.77	43	2414	Below Cal		94
17) Carbon Disulfide	4.00	76	828	Below Cal	#	75
18) Methyl Acetate	4.33	43	198	Below Cal	#	49
19) Methyl tert-butyl Ether	4.99	73	6625	0.616	ug/l #	1
25) 2-Butanone	6.77	43	627	0.334	ug/l #	46
30) Chloroform	7.33	83	8395	1.329	ug/l	87
31) Cyclohexane	7.62	56	10626	Below Cal	#	44
36) 1,1-Dichloropropene	7.63	75	22575	4.800	ug/l #	49
38) Carbon Tetrachloride	7.63	117	28920	6.678	ug/l #	16
39) Methylcyclohexane	9.04	83	2500	0.435	ug/l #	72
40) Benzene	8.00	78	113430	8.003	ug/l	98
52) Toluene	10.12	92	196299	21.574	ug/l	97
53) t-1,3-Dichloropropene	10.12	75	2306	0.402	ug/l #	1
59) 2-Hexanone	10.73	43	1011	0.345	ug/l #	39
67) Ethyl Benzene	11.48	91	235274	12.831	ug/l	96
68) m/p-Xylenes	11.59	106	285902	41.079	ug/l	97
69) o-Xylene	11.92	106	74368	11.042	ug/l	99
70) Styrene	11.92	104	4208	0.377	ug/l #	1
71) Bromoform	12.38	173	1776	2.629	ug/l #	1
73) Isopropylbenzene	12.22	105	11197	0.642	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	122189	26.231	ug/l #	100
78) n-propylbenzene	12.56	91	35952	1.811	ug/l	100
79) 2-Chlorotoluene	12.63	91	11601	0.988	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	40646	2.848	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.37	75	122189	69.586	ug/l #	12
82) 4-Chlorotoluene	12.71	91	3258	0.268	ug/l #	43
83) tert-Butylbenzene	13.01	119	19715	1.613	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.01	105	169386	11.861	ug/l	100
85) sec-Butylbenzene	13.01	105	169386	10.248	ug/l #	57
90) Hexachloroethane	13.86	117	1058	0.532	ug/l #	17

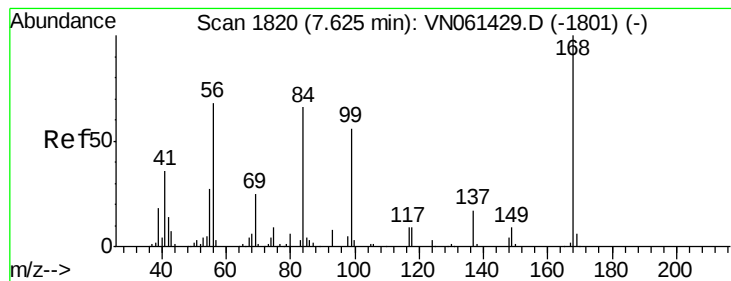
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
Data File : VN061505.D
Acq On : 20 May 2020 17:03
Operator : JC/MD
Sample : L2645-06DL2 200X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

Quant Time: May 21 01:11:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	27079	2.366	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

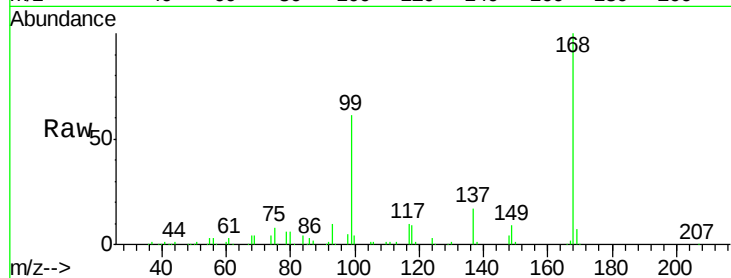
DUP-051320DL2

Tot Ion:168 Resp: 276587

Ion Ratio Lower Upper

168 100

99 61.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

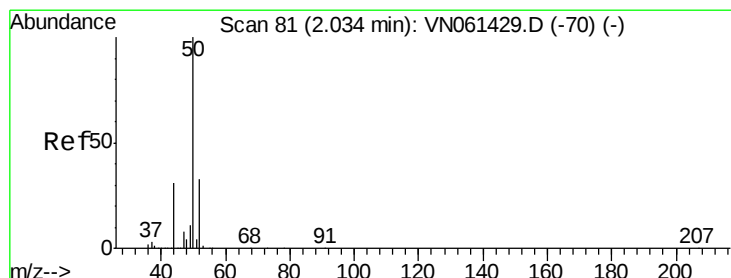
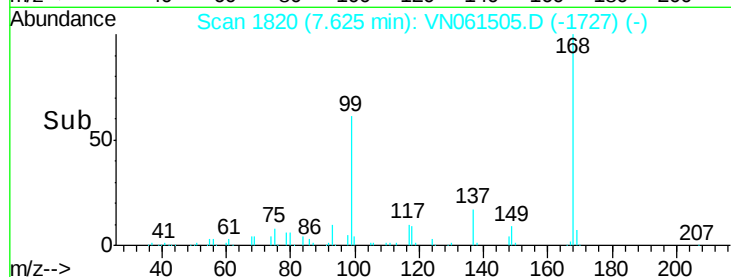
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.213 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061505.D

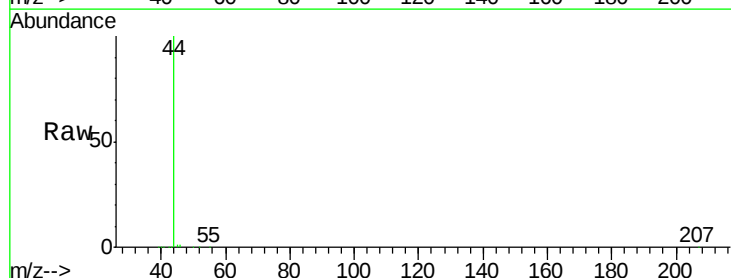
Acq: 20 May 2020 17:03

Tgt Ion: 50 Resp: 800

Ion Ratio Lower Upper

50 100

52 31.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

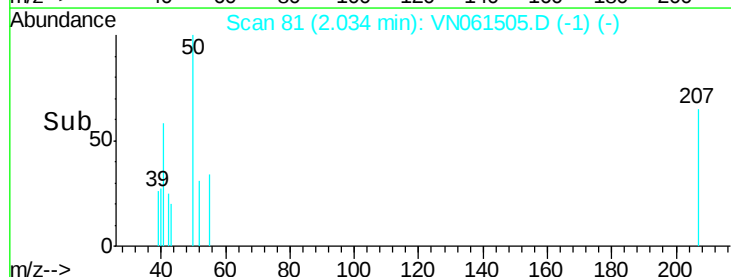
600

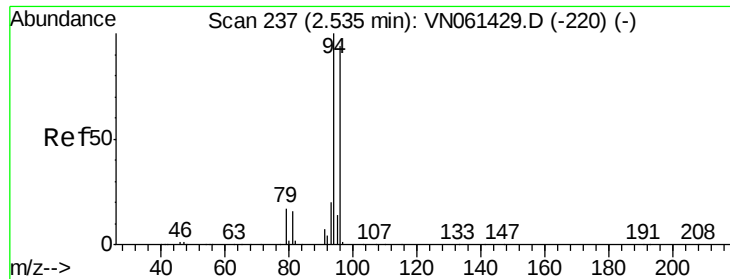
400

200

0

Time--> 2.02 2.04 2.06





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampled :

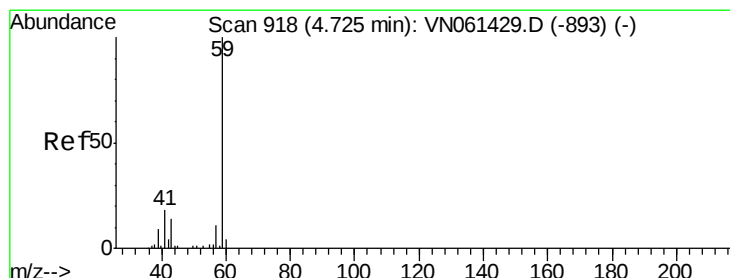
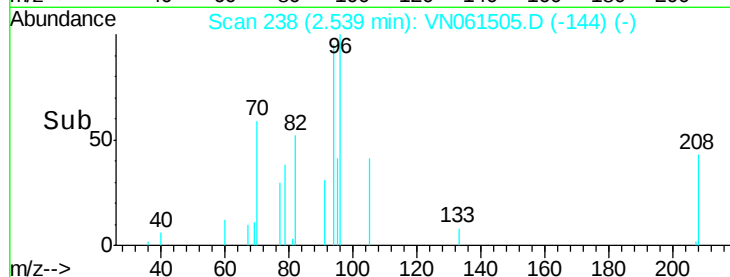
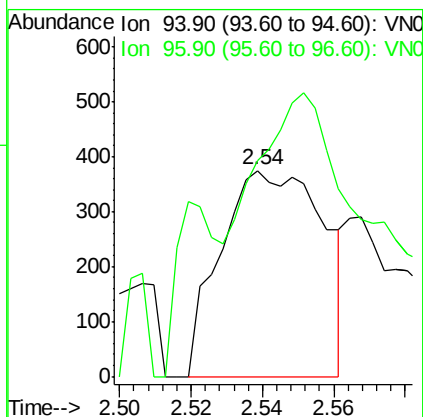
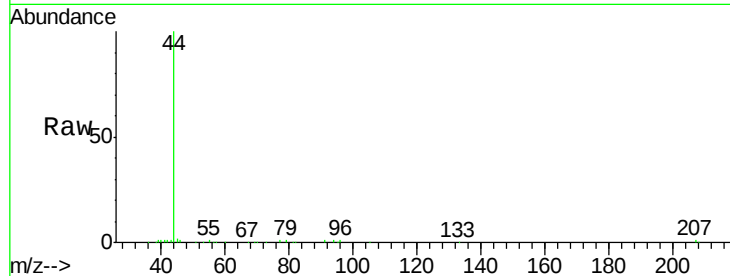
DUP-051320DL2

Tot Ion: 94 Resp: 745

Ion Ratio Lower Upper

94 100

96 20.3 74.9 112.3#



#11

Tert butyl alcohol

Concen: 0.214 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.00 min

Lab File: VN061505.D

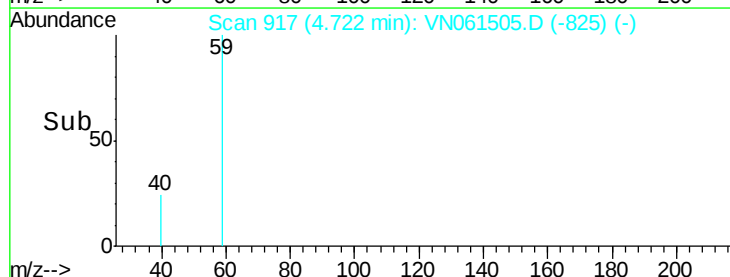
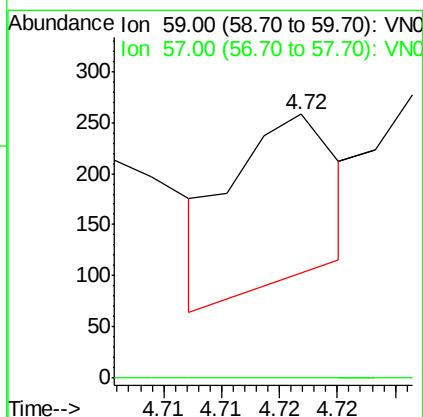
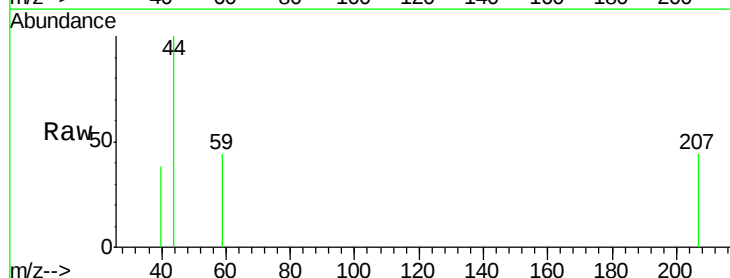
Acq: 20 May 2020 17:03

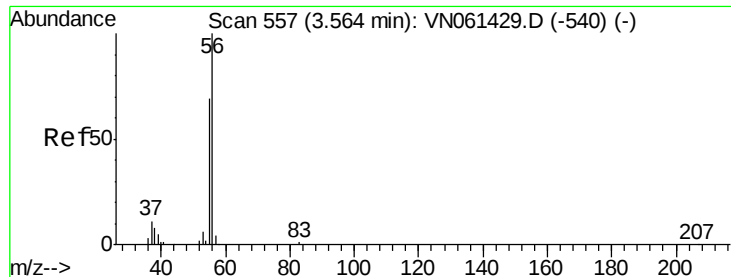
Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 3.52 min Scan# 544

Delta R.T. -0.04 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

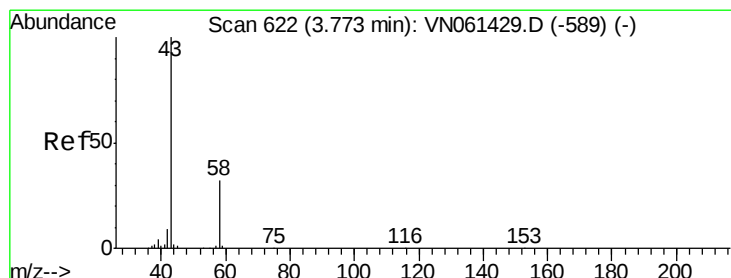
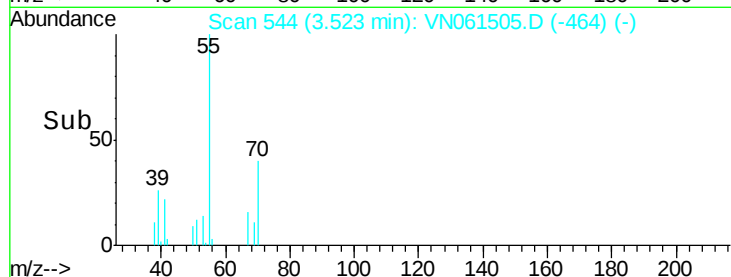
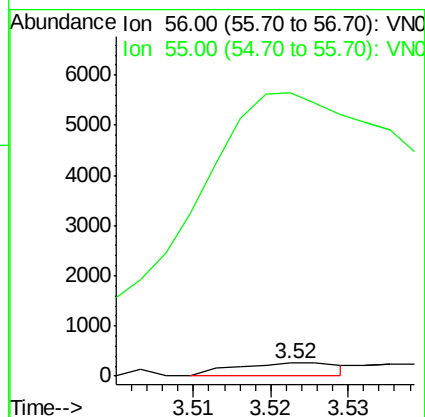
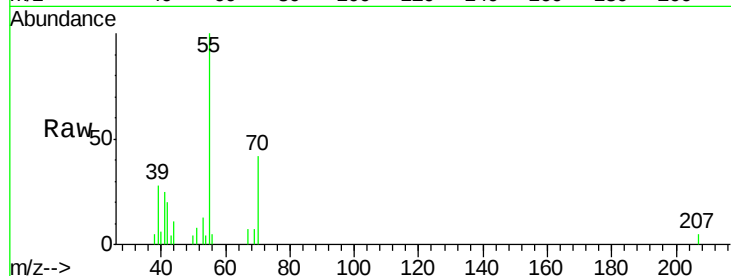
DUP-051320DL2

Tot Ion: 56 Resp: 248

Ion Ratio Lower Upper

56 100

55 5596.0 54.8 82.2#



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061505.D

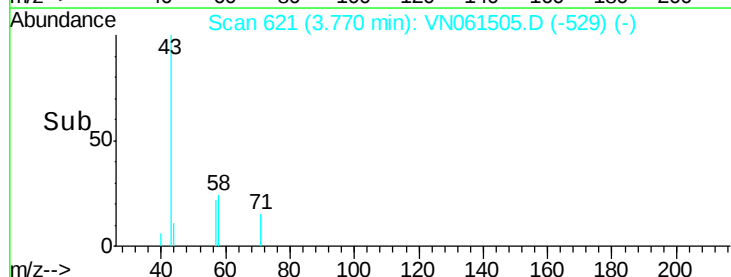
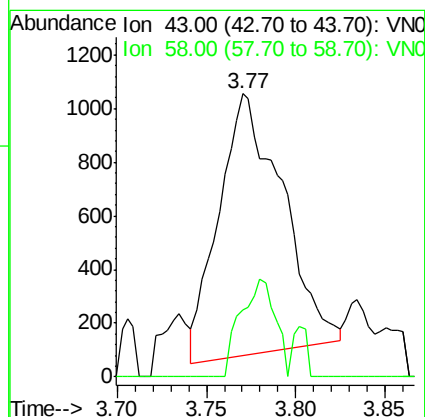
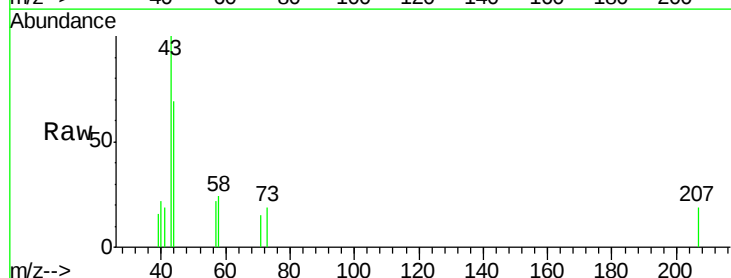
Acq: 20 May 2020 17:03

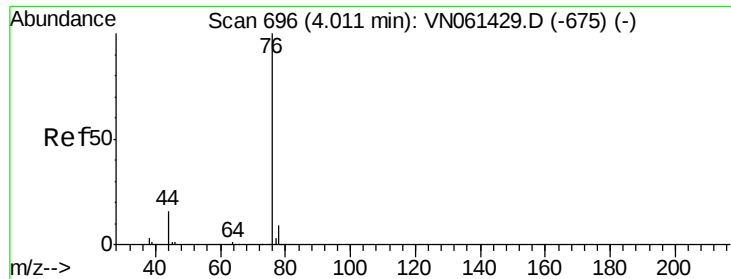
Tgt Ion: 43 Resp: 2414

Ion Ratio Lower Upper

43 100

58 28.5 25.6 38.4

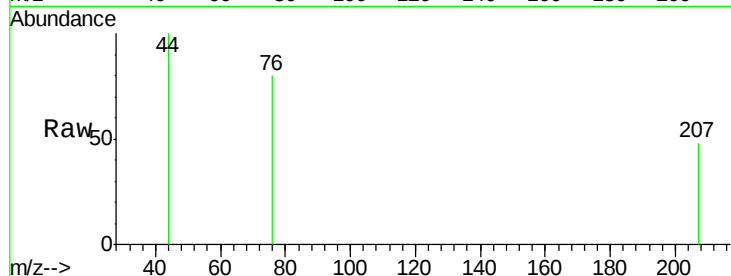




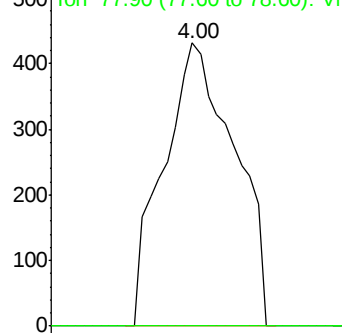
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 694
Delta R.T. -0.01 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

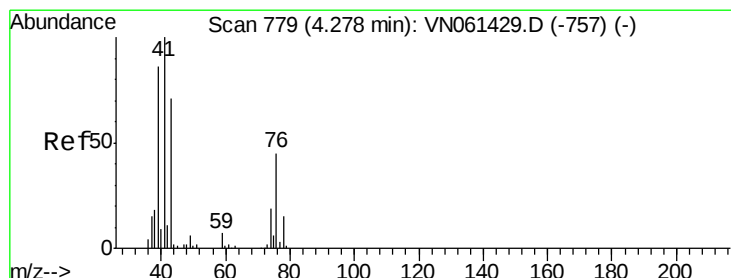
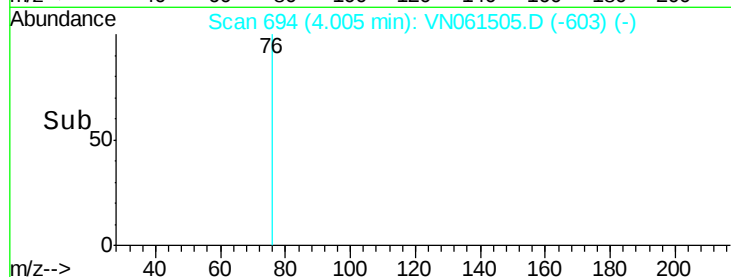
Tot Ion: 76 Resp: 828
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

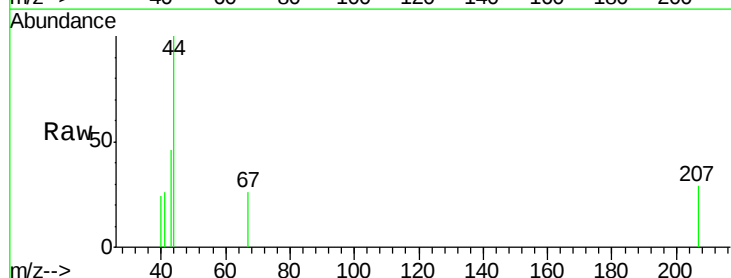


Time-->

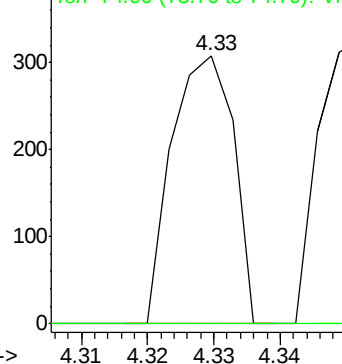


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.05 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

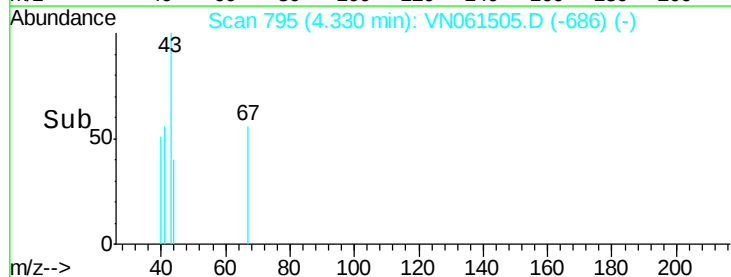
Tgt Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

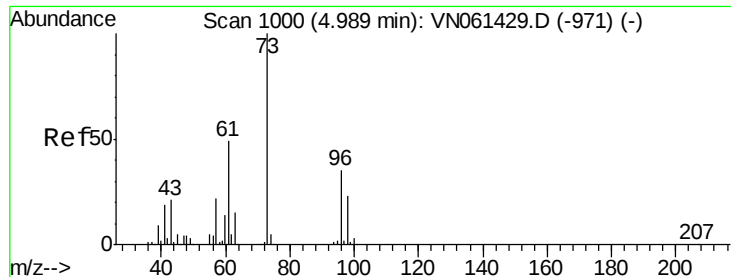


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



Time-->

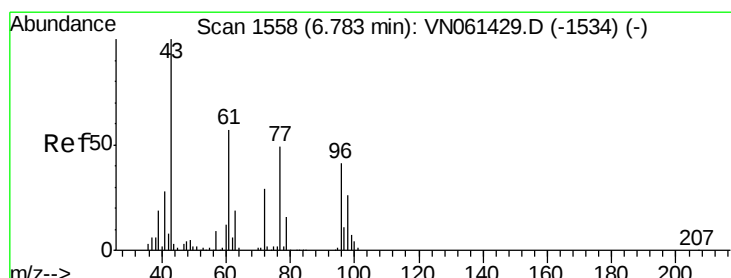
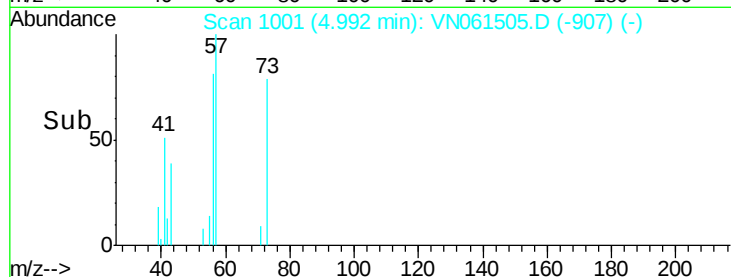
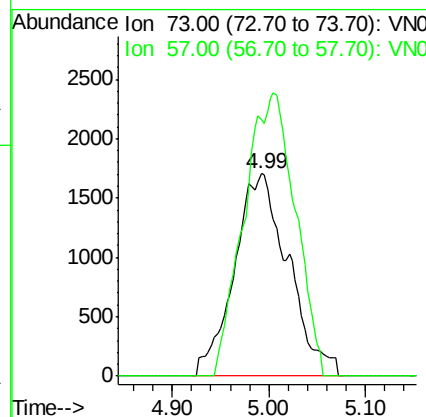
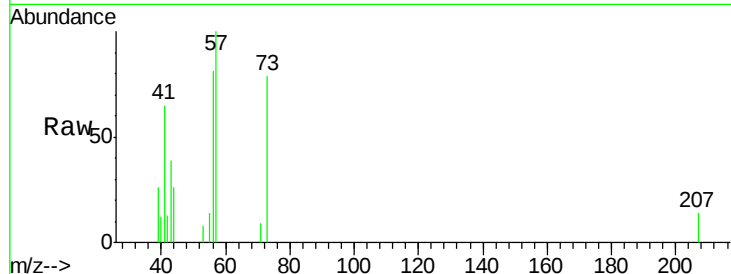




#19
Methvl tert-butvl Ether
Concen: 0.616 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

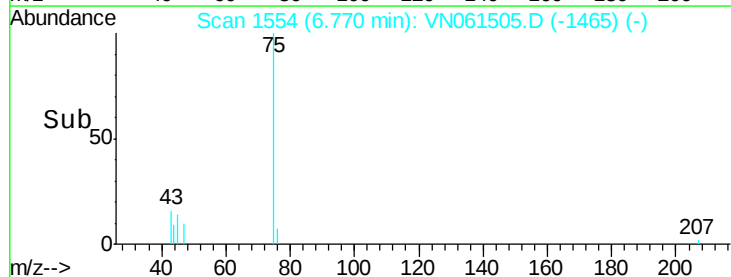
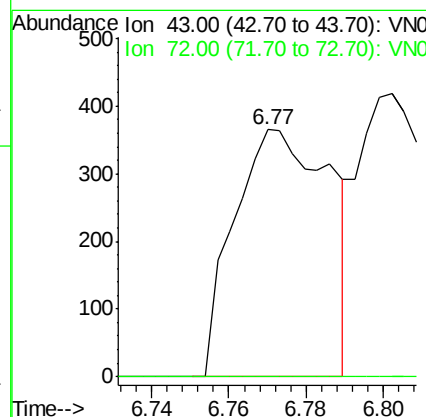
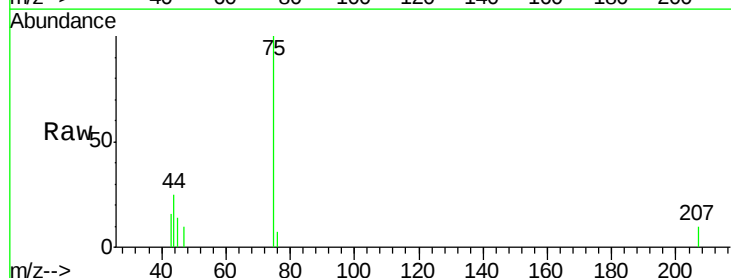
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

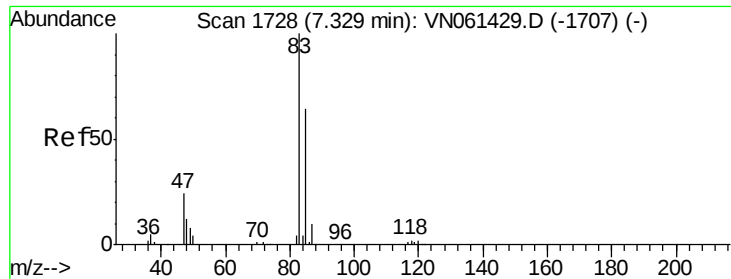
Tot Ion: 73 Resp: 6625
Ion Ratio Lower Upper
73 100
57 126.6 17.4 26.0#



#25
2-Butanone
Concen: 0.334 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#

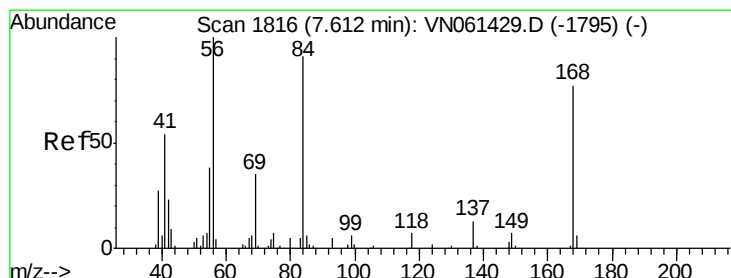
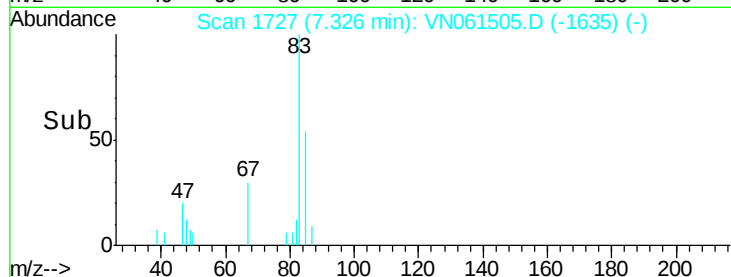
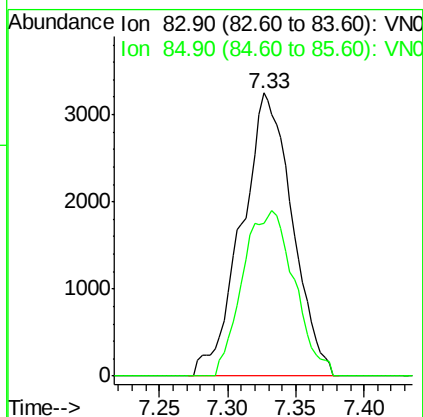
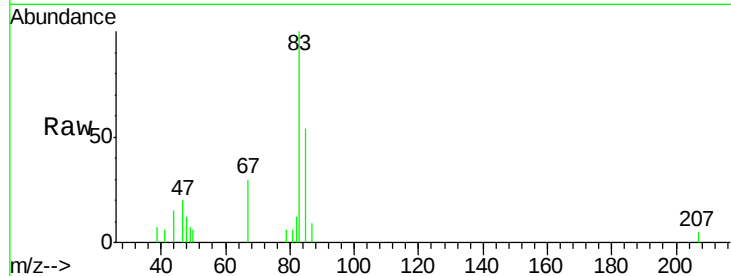




#30
Chloroform
Concen: 1.329 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

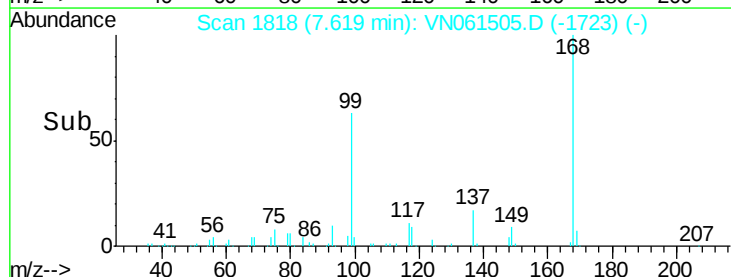
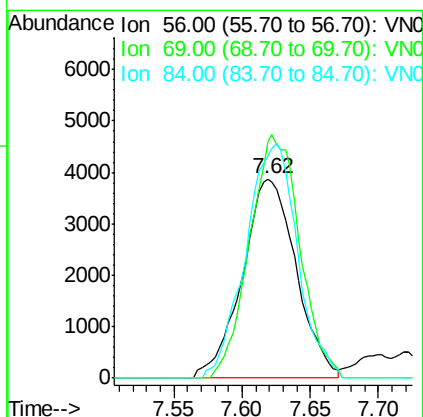
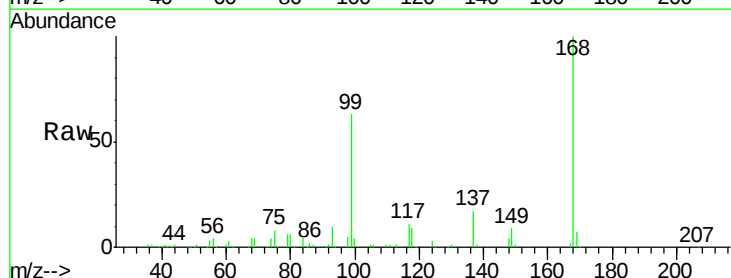
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

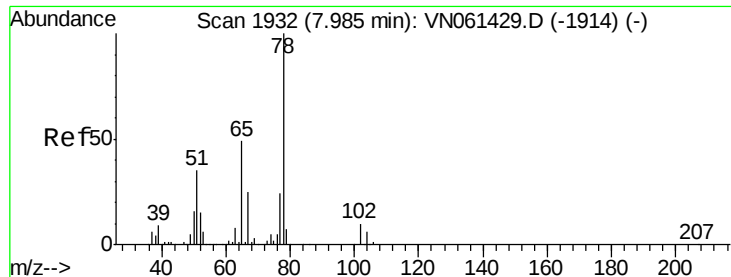
Tot Ion: 83 Resp: 8395
Ion Ratio Lower Upper
83 100
85 53.8 51.0 76.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Tgt Ion: 56 Resp: 10626
Ion Ratio Lower Upper
56 100
69 118.8 27.8 41.6#
84 111.4 72.7 109.1#





#33

1,2-Dichloroethane-d4

Concen: 44.872 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

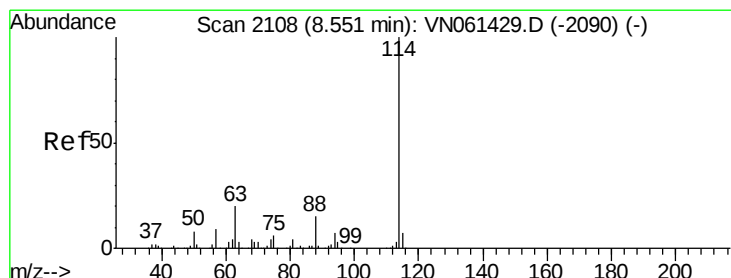
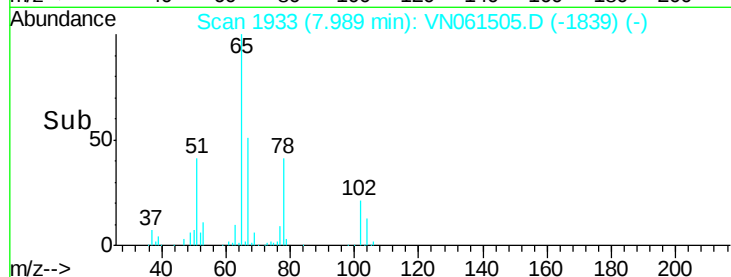
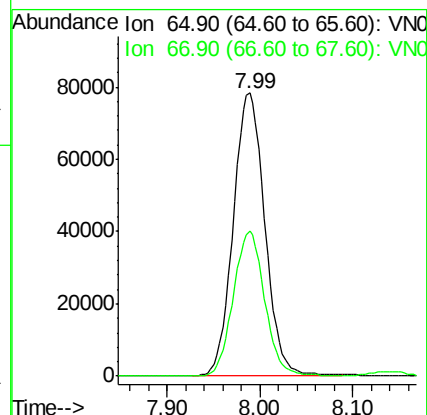
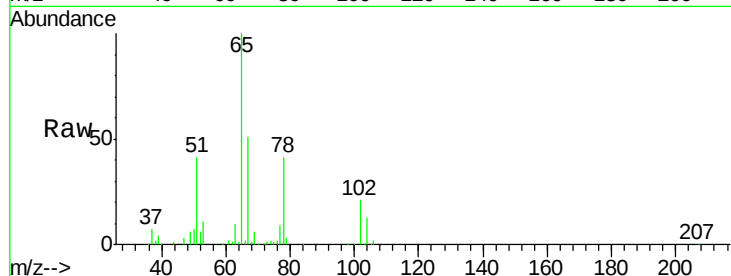
DUP-051320DL2

Tot Ion: 65 Resp: 185227

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

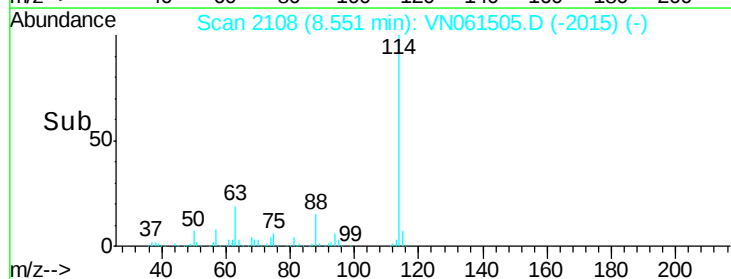
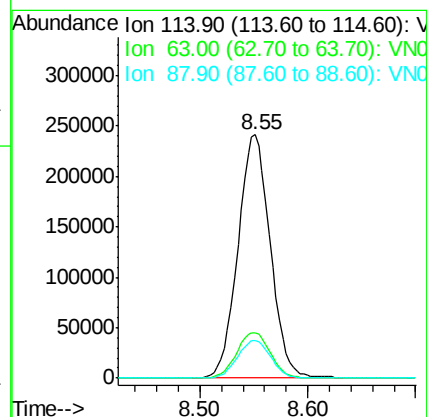
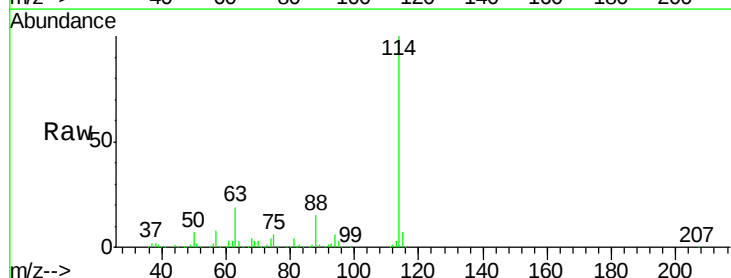
Tgt Ion: 114 Resp: 502957

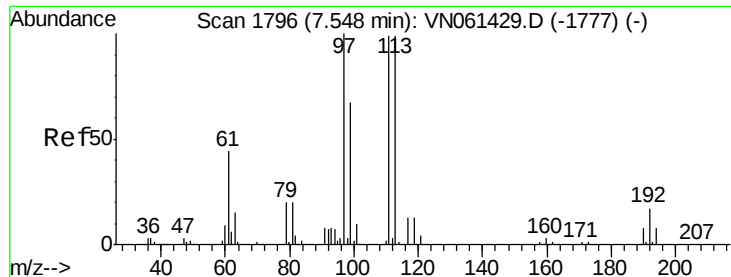
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.8

88 15.5 0.0 30.8

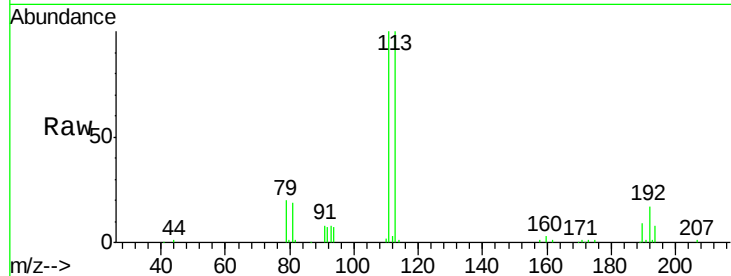




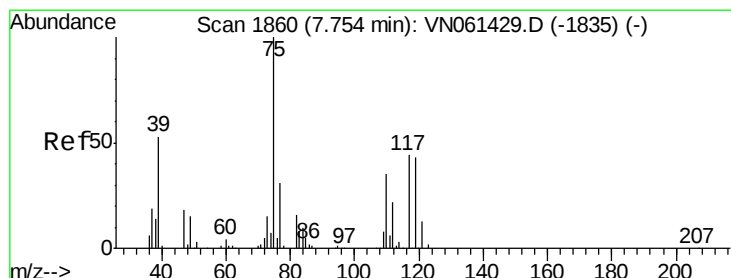
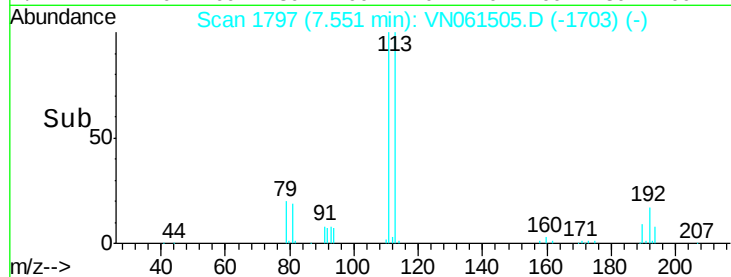
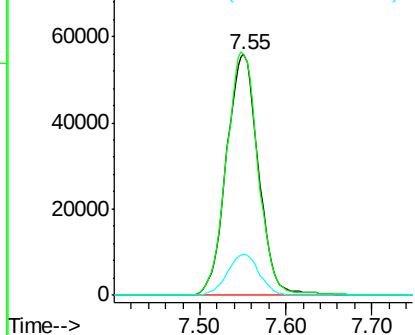
#35
 Dibromofluoromethane
 Concen: 54.668 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320DL2

Tot Ion:113 Resp: 144043
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.6 121.0
 192 17.1 13.2 19.8

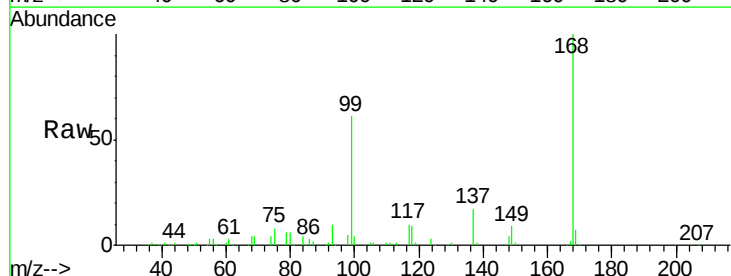


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

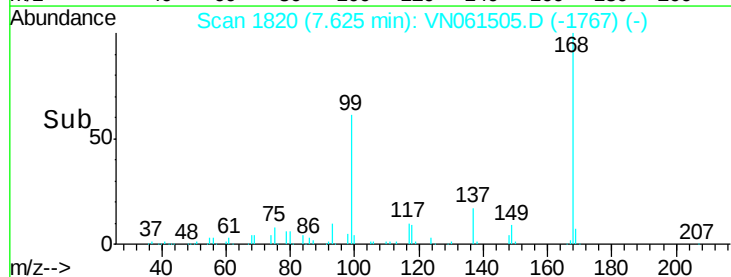
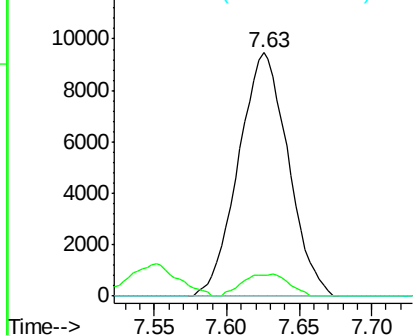


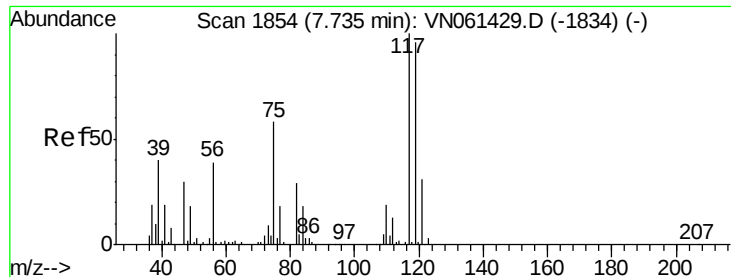
#36
 1,1-Dichloropropene
 Concen: 4.800 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Tgt Ion: 75 Resp: 22575
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.3 51.9#
 77 0.0 24.9 37.3#



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





#38

Carbon Tetrachloride

Concen: 6.678 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320DL2

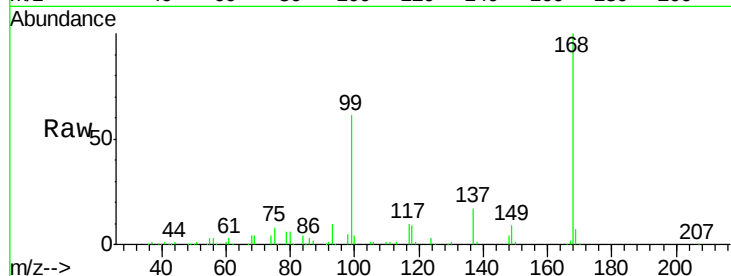
Tot Ion:117 Resp: 28920

Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.6#

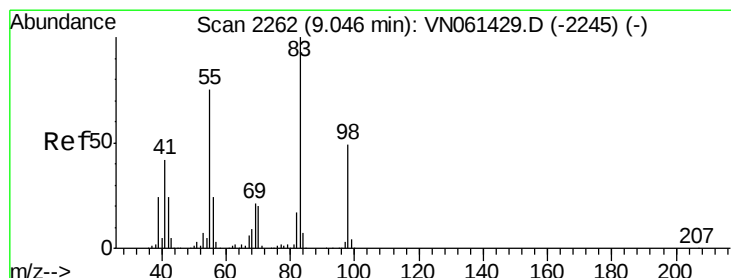
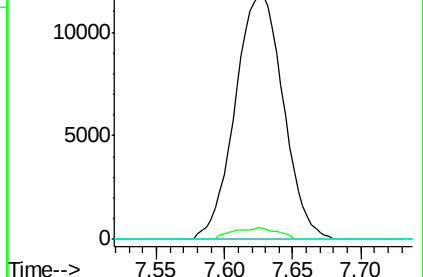
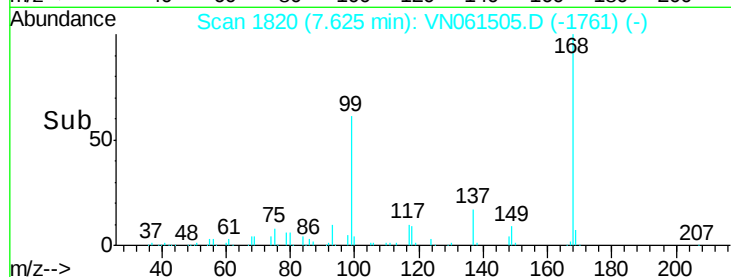
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.435 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

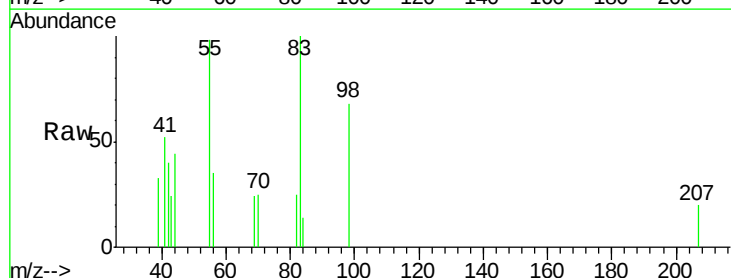
Tgt Ion: 83 Resp: 2500

Ion Ratio Lower Upper

83 100

55 98.2 59.7 89.5#

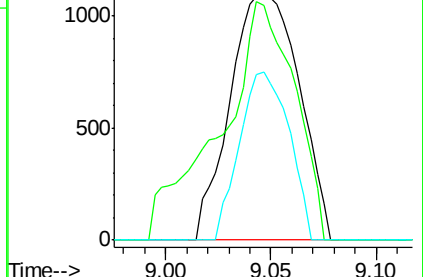
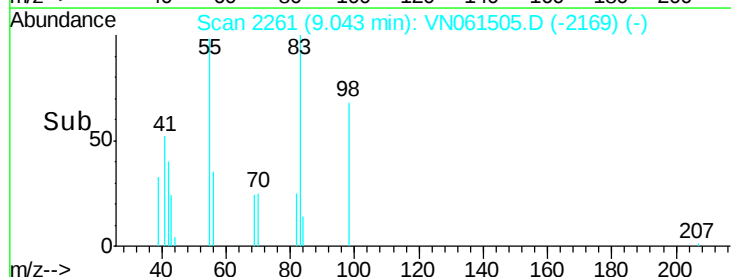
98 67.7 38.9 58.3#

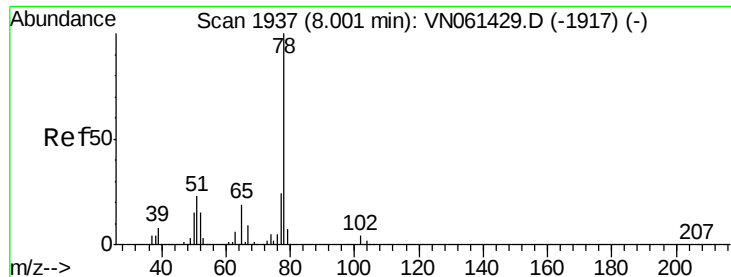


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 8.003 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

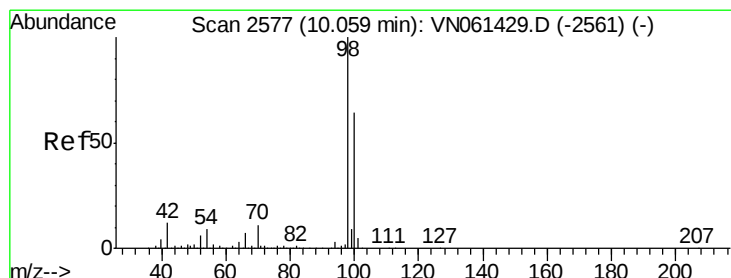
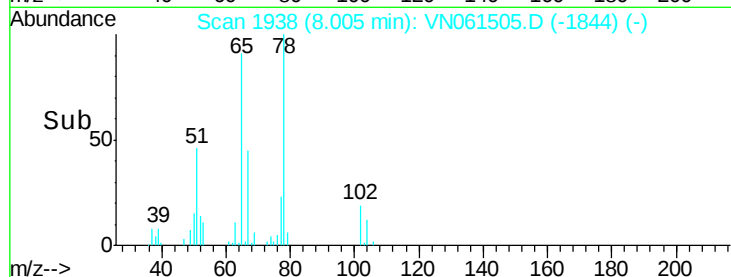
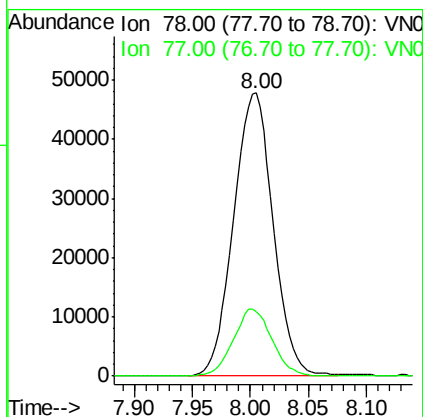
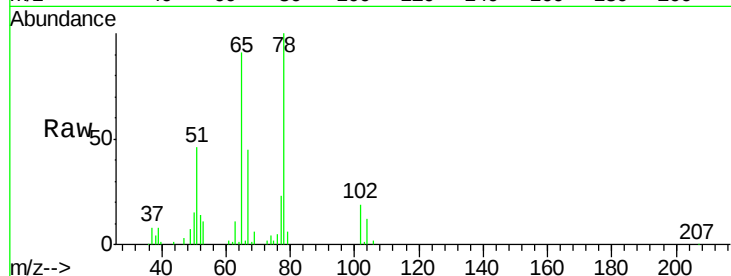
DUP-051320DL2

Tot Ion: 78 Resp: 113430

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7



#50

Toluene-d8

Concen: 51.192 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061505.D

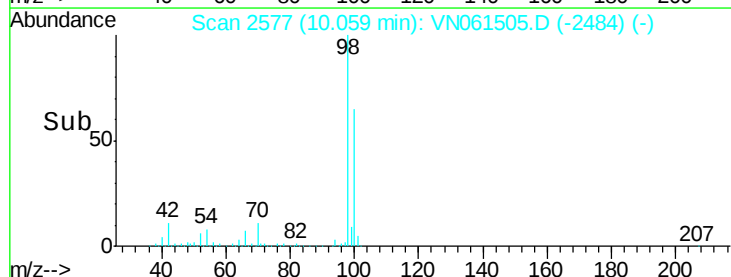
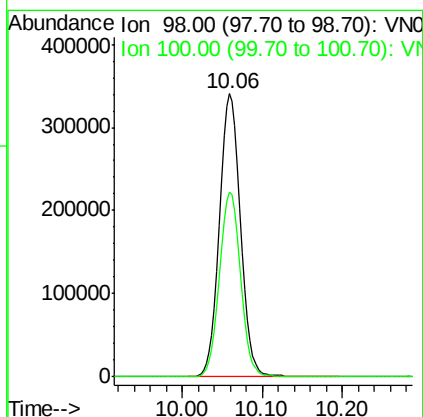
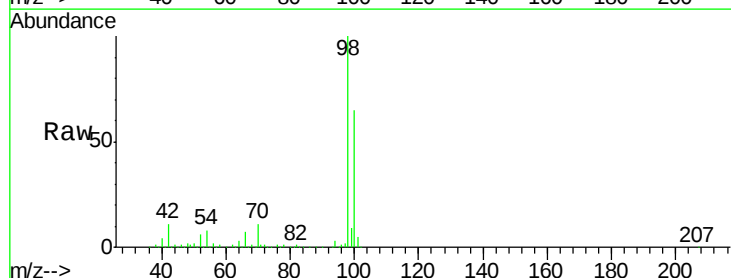
Acq: 20 May 2020 17:03

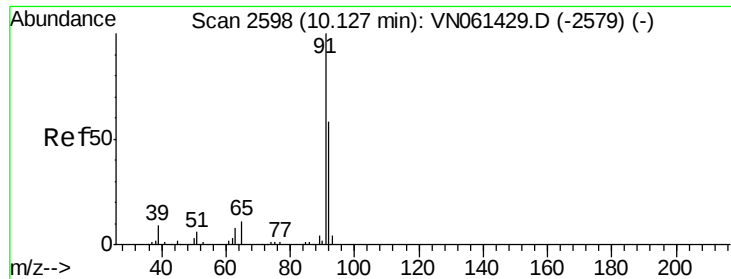
Tgt Ion: 98 Resp: 625620

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8





#52

Toluene

Concen: 21.574 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

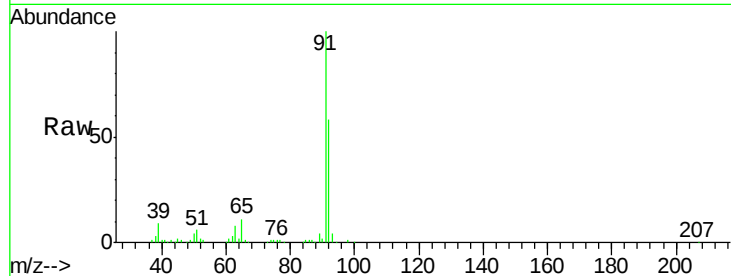
DUP-051320DL2

Tot Ion: 92 Resp: 196299

Ion Ratio Lower Upper

92 100

91 168.8 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061505.D (-2575) (-)

Ion 91.00 (90.70 to 91.70): VN061505.D (-2575) (-)

200000

150000

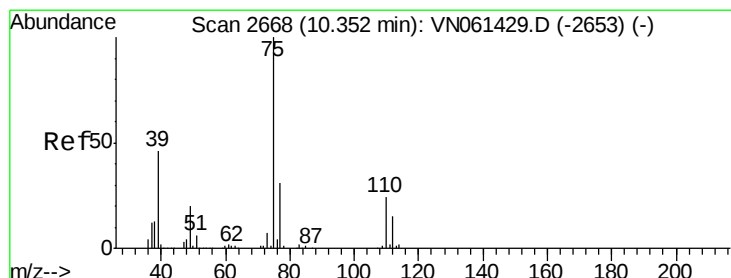
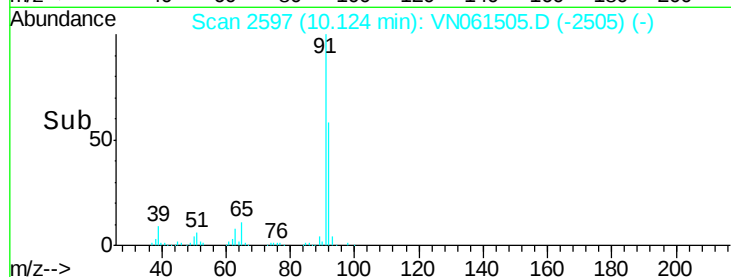
100000

50000

0

10.10 10.12 10.20

Time-->



#53

t-1,3-Dichloropropene

Concen: 0.402 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.23 min

Lab File: VN061505.D

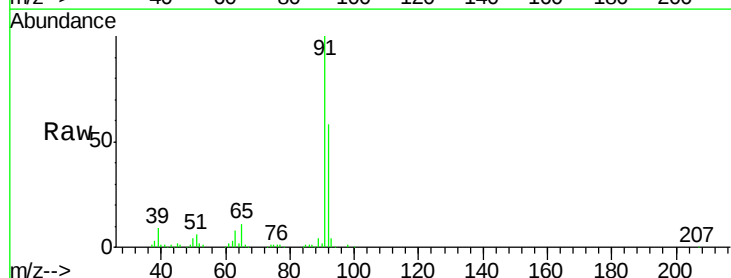
Acq: 20 May 2020 17:03

Tgt Ion: 75 Resp: 2306

Ion Ratio Lower Upper

75 100

77 152.7 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN061505.D (-2575) (-)

Ion 76.90 (76.60 to 77.60): VN061505.D (-2575) (-)

2000

1500

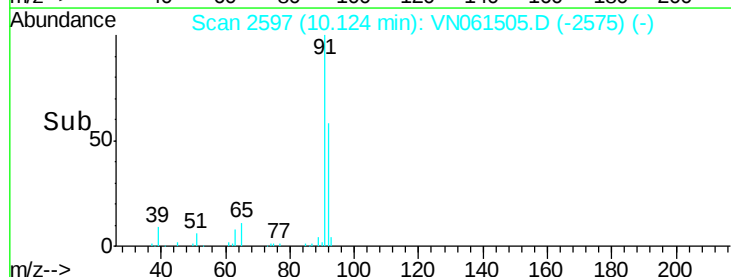
1000

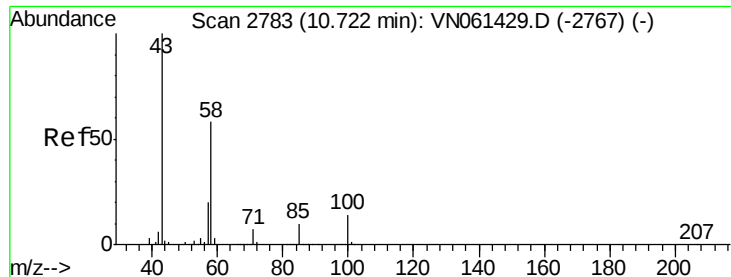
500

0

10.10 10.12 10.15

Time-->





#59

2-Hexanone

Concen: 0.345 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.01 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

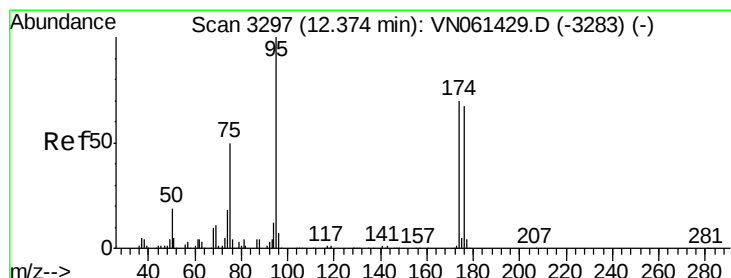
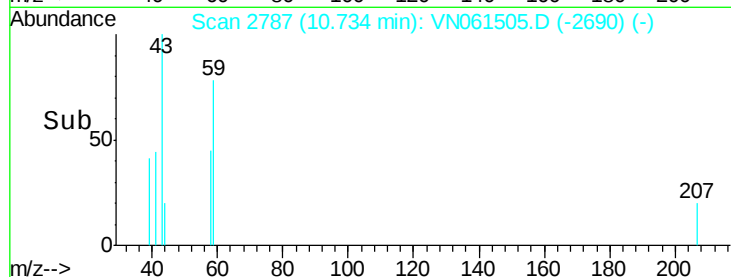
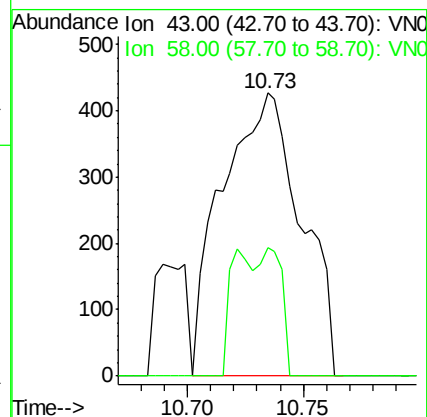
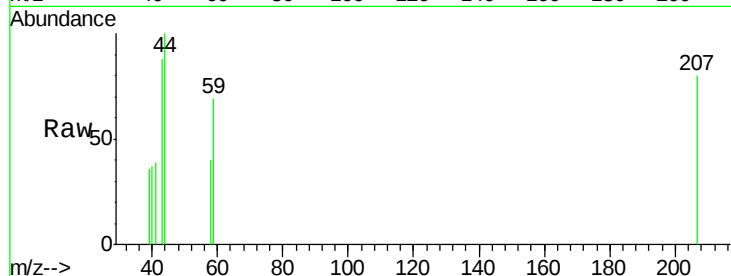
DUP-051320DL2

Tot Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

58 13.2 29.2 87.6#



#62

4-Bromofluorobenzene

Concen: 52.114 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

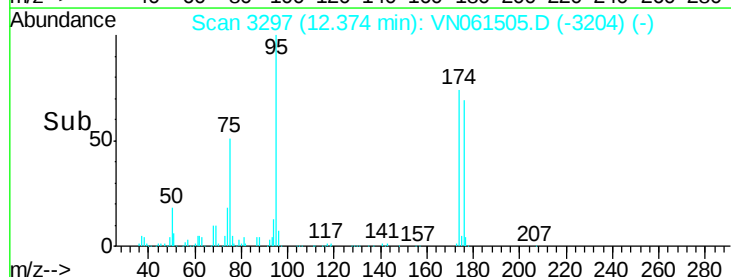
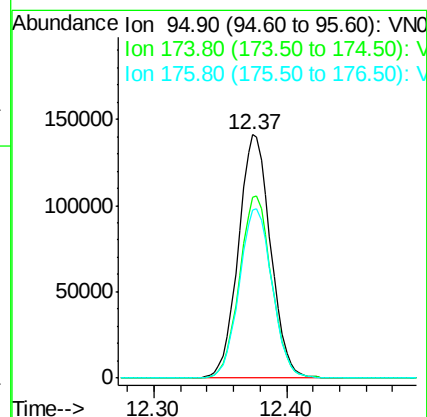
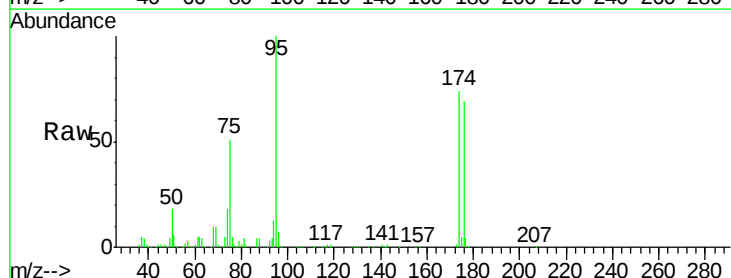
Tgt Ion: 95 Resp: 237945

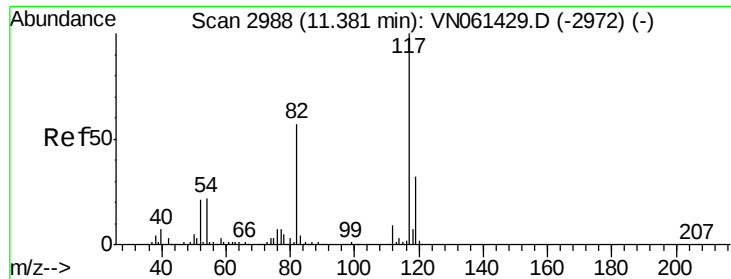
Ion Ratio Lower Upper

95 100

174 74.7 0.0 141.2

176 71.0 0.0 137.6

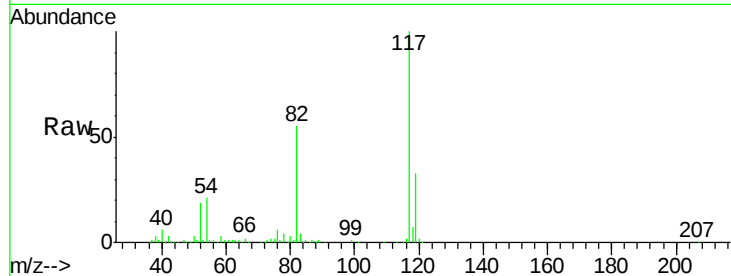




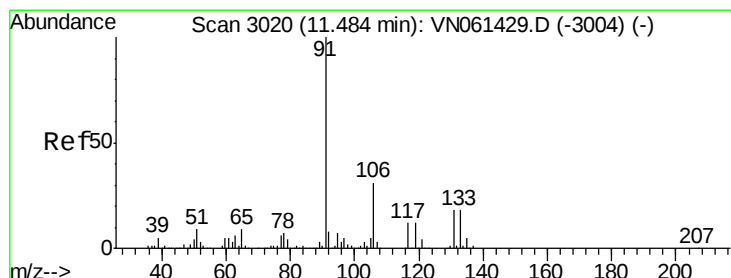
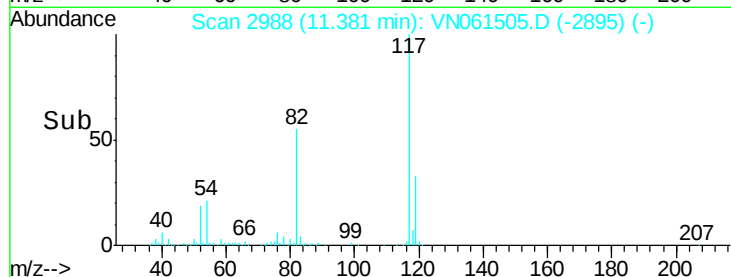
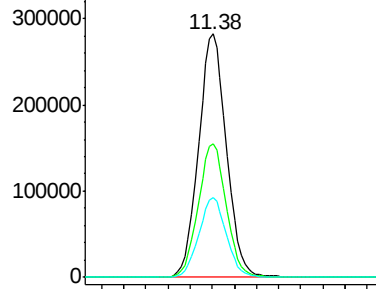
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.2	67.8
119	32.8	25.3	37.9

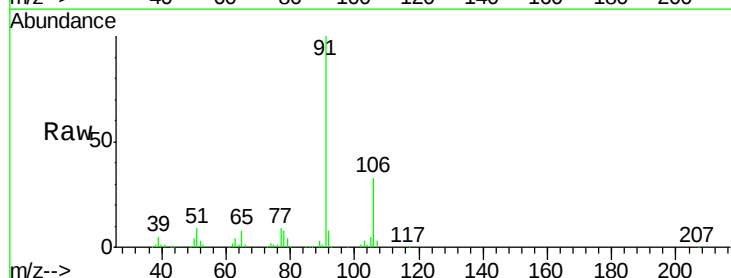


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

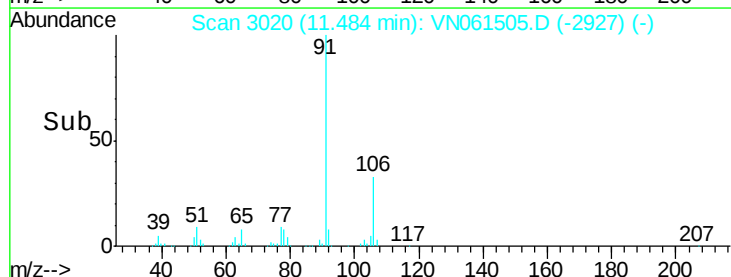
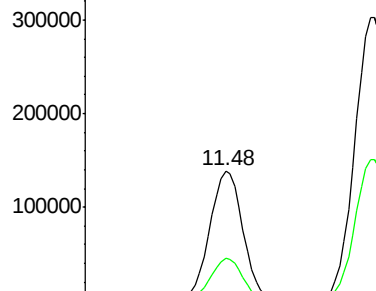


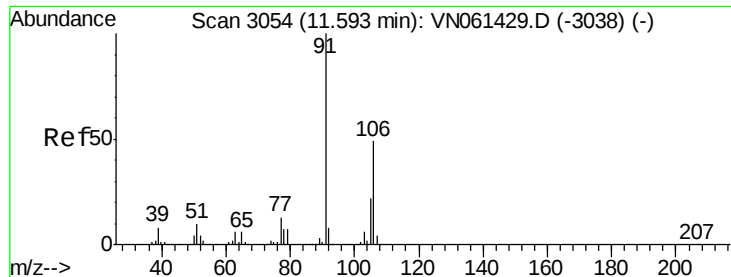
#67
Ethyl Benzene
Concen: 12.831 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.6	36.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

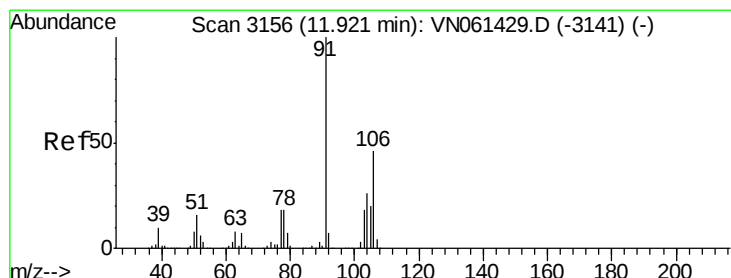
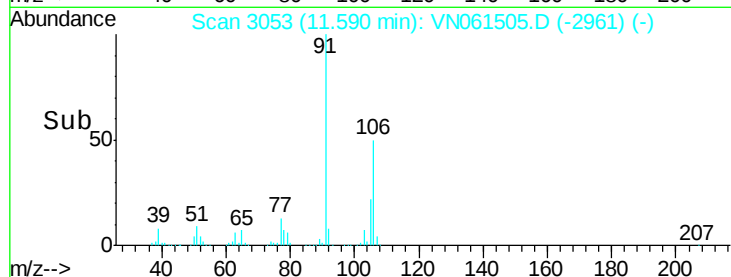
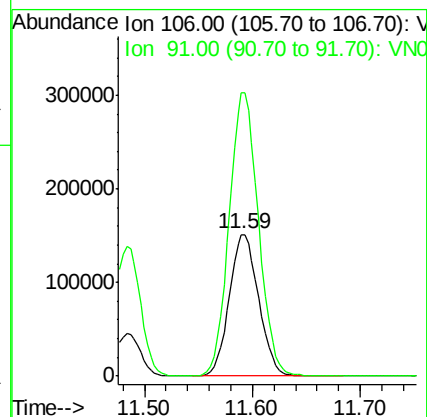
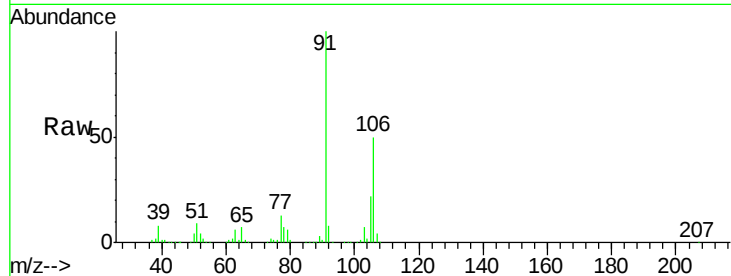




#68
m/p-Xylenes
Concen: 41.079 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

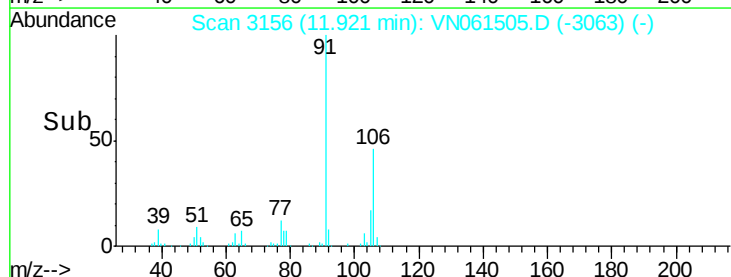
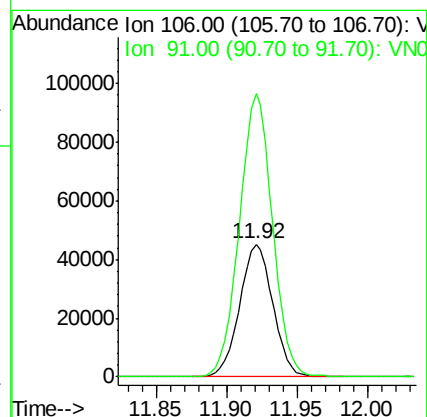
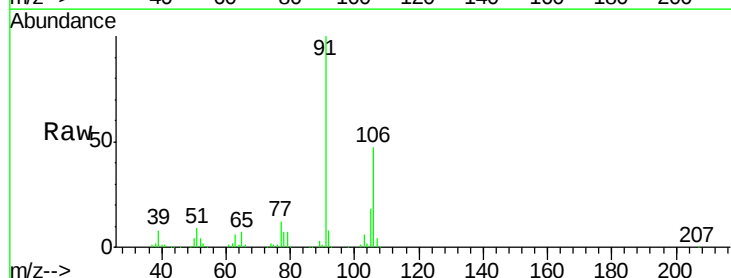
Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

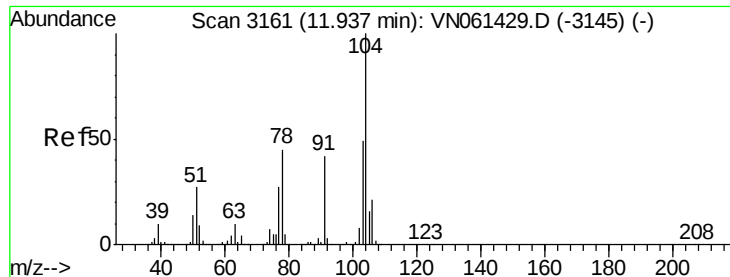
Tot Ion:106 Resp: 285902
Ion Ratio Lower Upper
106 100
91 199.6 163.0 244.6



#69
o-Xylene
Concen: 11.042 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Tgt Ion:106 Resp: 74368
Ion Ratio Lower Upper
106 100
91 213.8 107.9 323.7





#70

Stvrene

Concen: 0.377 ug/l

RT: 11.92 min Scan# 3157

Delta R.T. -0.01 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320DL2

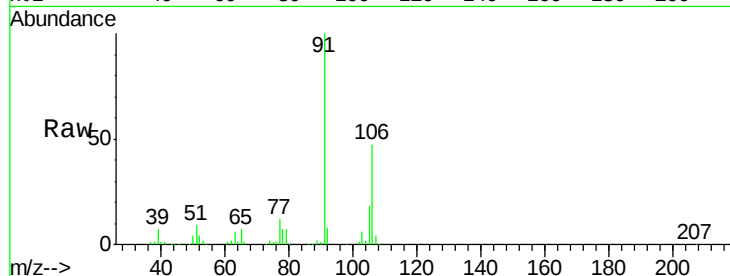
Tot Ion:104 Resp: 4208

Ion Ratio Lower Upper

104 100

78 270.9 40.7 61.1#

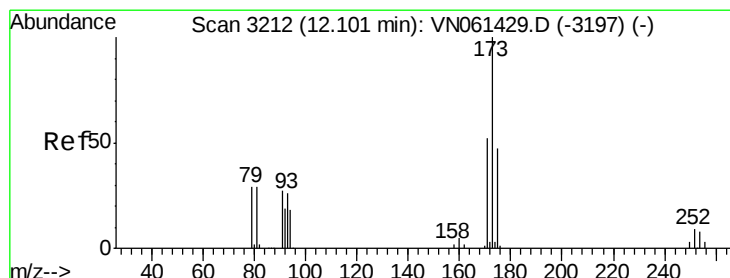
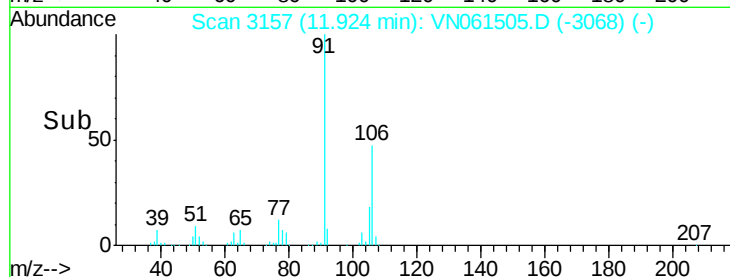
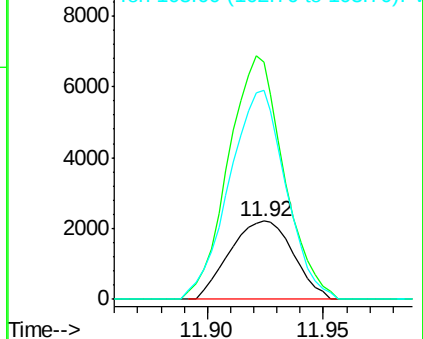
103 238.1 43.0 64.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 2.629 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

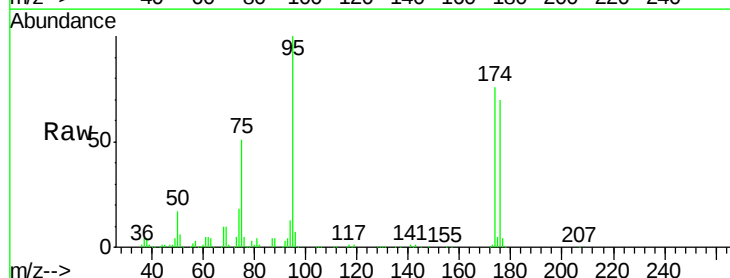
Tgt Ion:173 Resp: 1776

Ion Ratio Lower Upper

173 100

175 665.5 23.9 71.8#

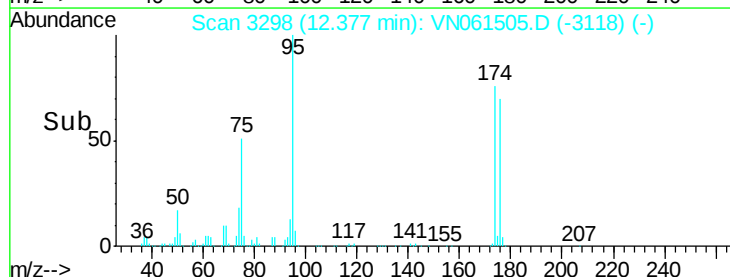
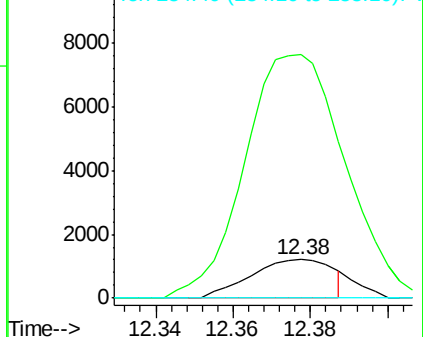
254 0.0 0.0 0.0

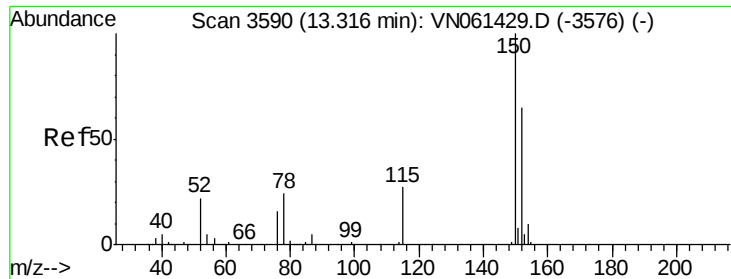


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320DL2

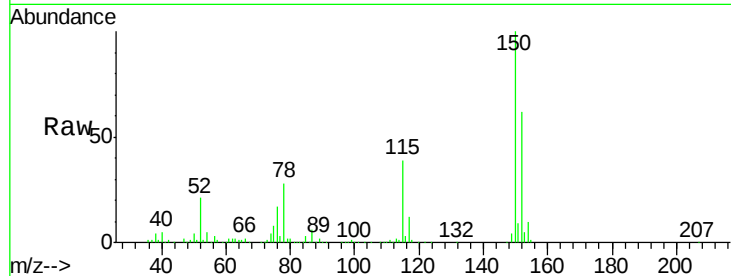
Tot Ion:152 Resp: 217086

Ion Ratio Lower Upper

152 100

115 63.8 30.9 92.5

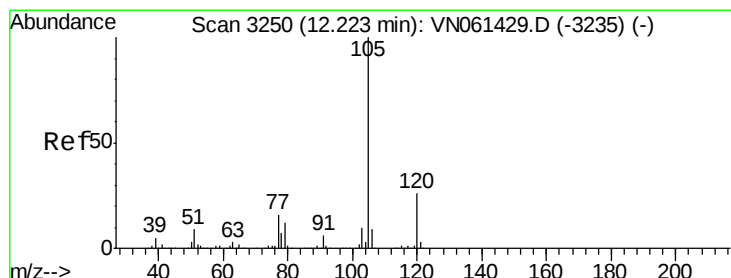
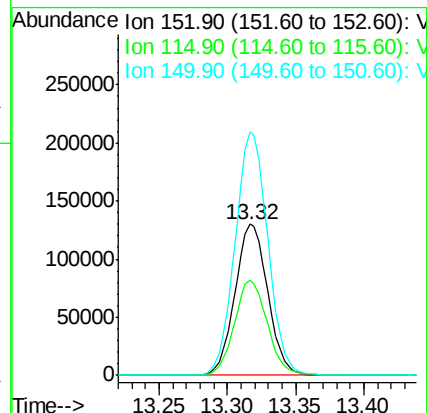
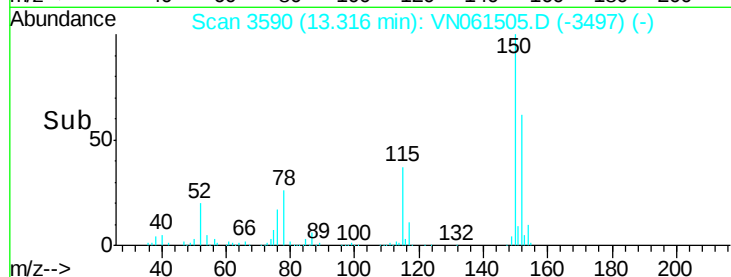
150 160.5 0.0 349.2



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



#73

Isopropylbenzene

Concen: 0.642 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061505.D

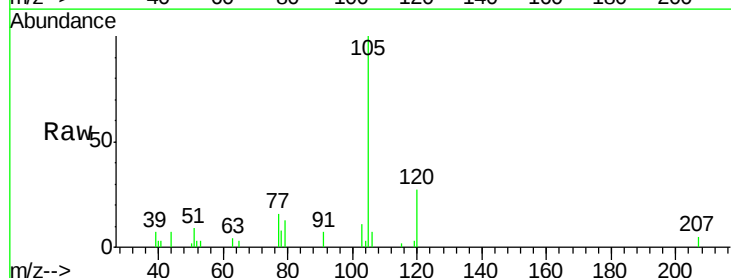
Acq: 20 May 2020 17:03

Tgt Ion:105 Resp: 11197

Ion Ratio Lower Upper

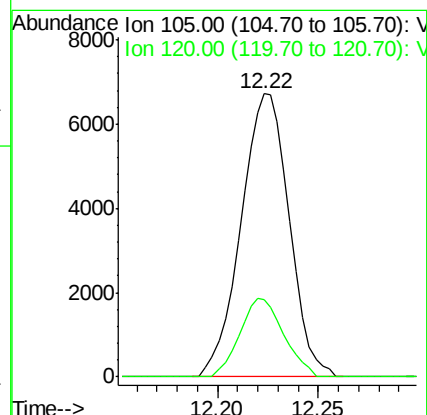
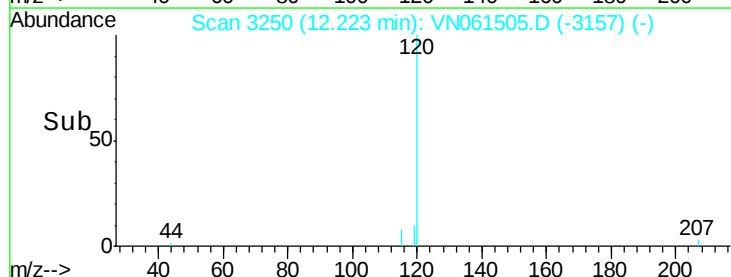
105 100

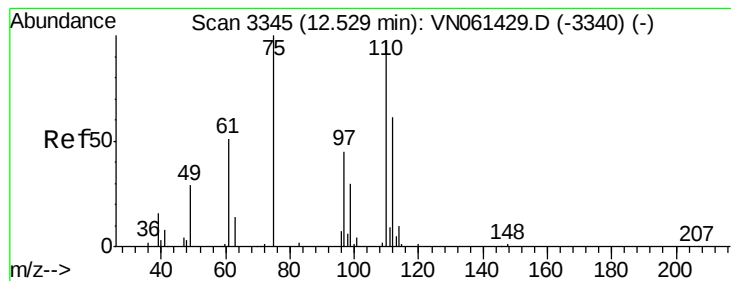
120 25.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 26.231 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

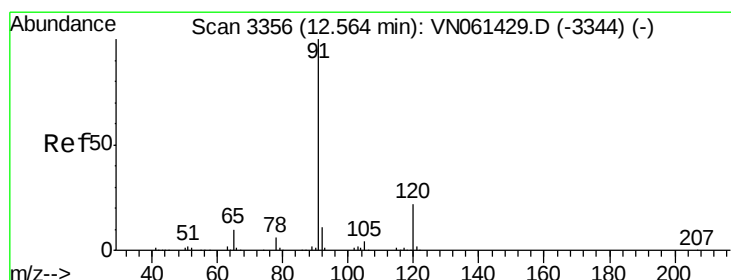
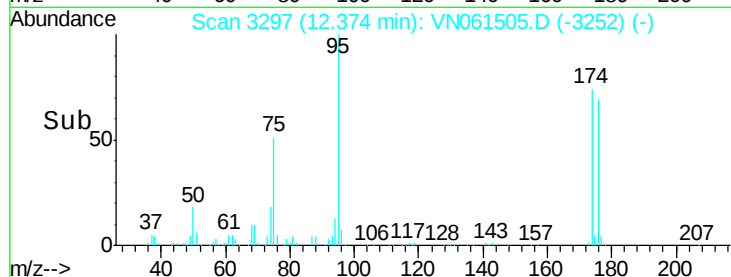
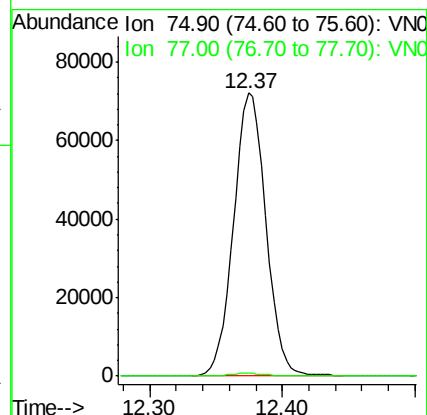
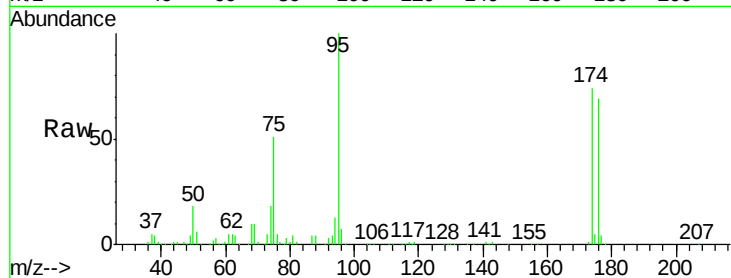
DUP-051320DL2

Tot Ion: 75 Resp: 122189

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#78

n-propylbenzene

Concen: 1.811 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061505.D

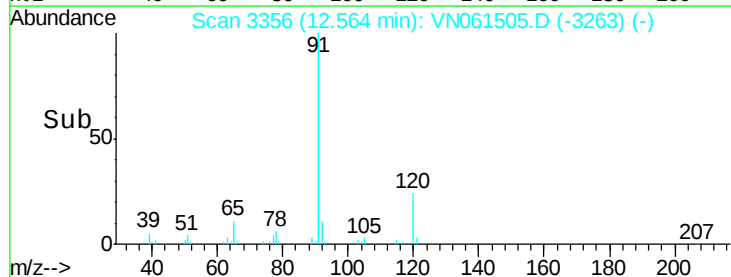
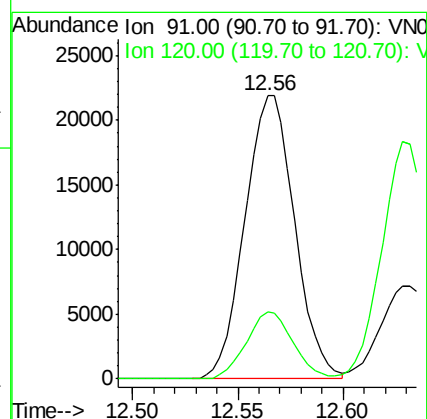
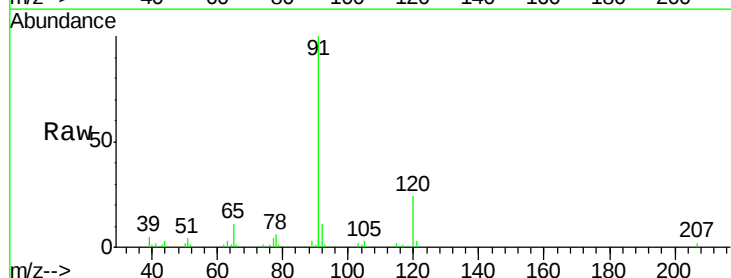
Acq: 20 May 2020 17:03

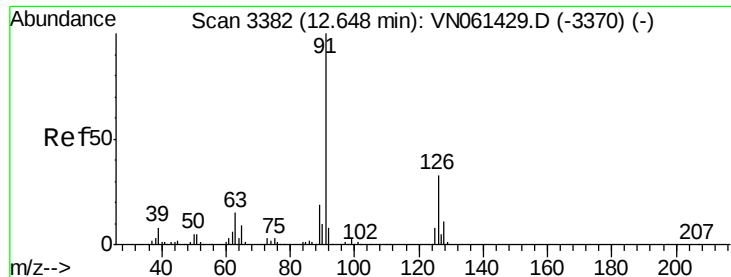
Tgt Ion: 91 Resp: 35952

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.988 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

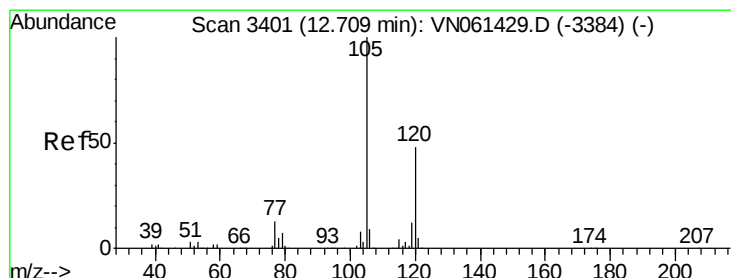
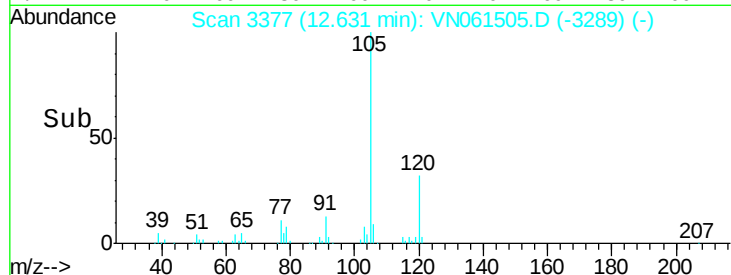
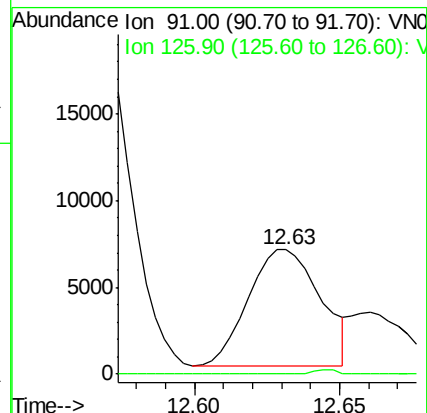
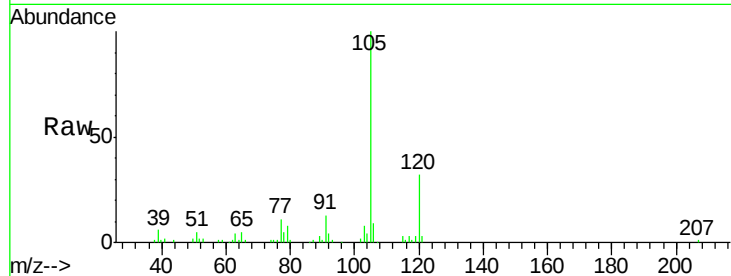
DUP-051320DL2

Tot Ion: 91 Resp: 11601

Ion Ratio Lower Upper

91 100

126 1.0 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 2.848 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061505.D

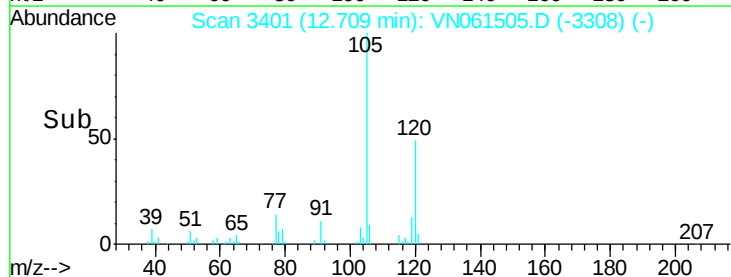
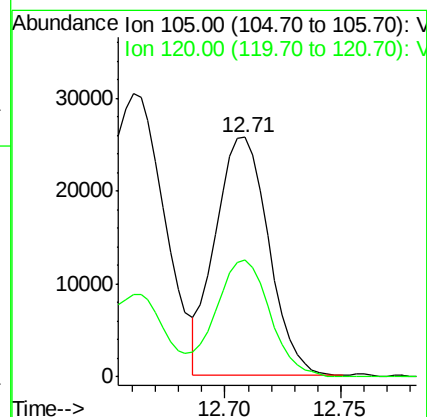
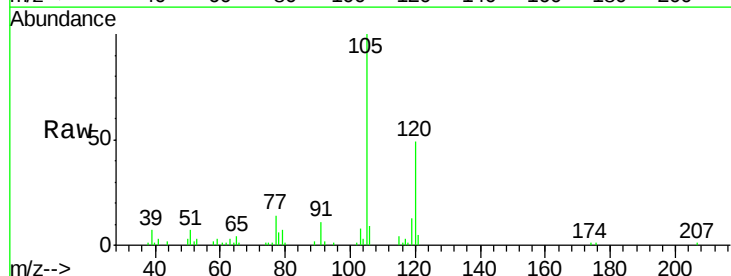
Acq: 20 May 2020 17:03

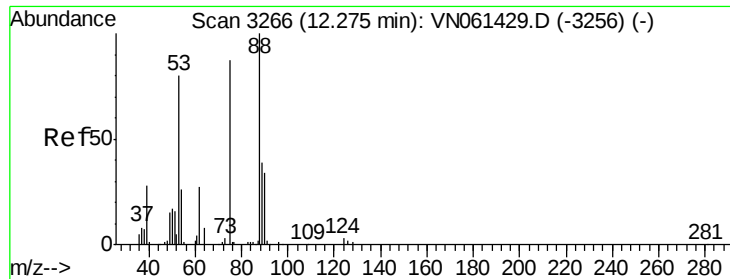
Tgt Ion: 105 Resp: 40646

Ion Ratio Lower Upper

105 100

120 50.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 69.586 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

DUP-051320DL2

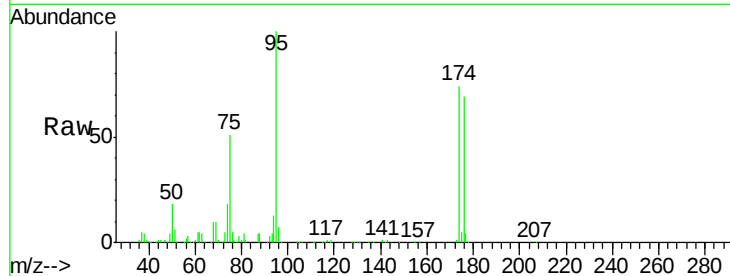
Tot Ion: 75 Resp: 122189

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

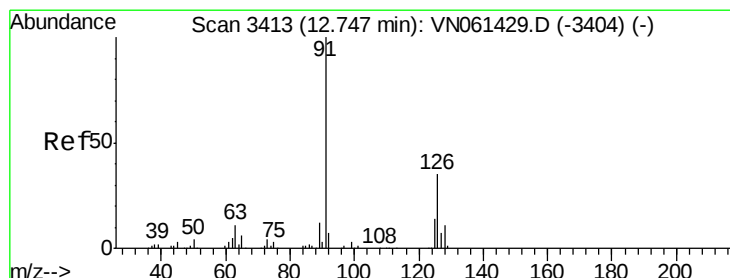
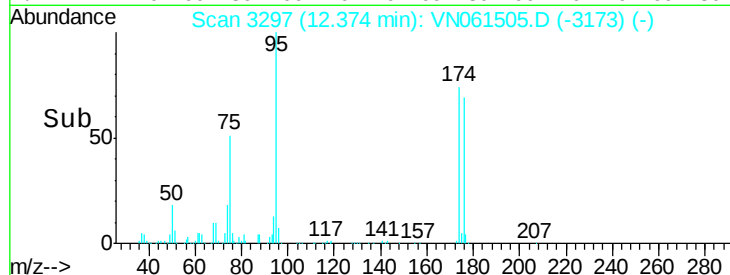
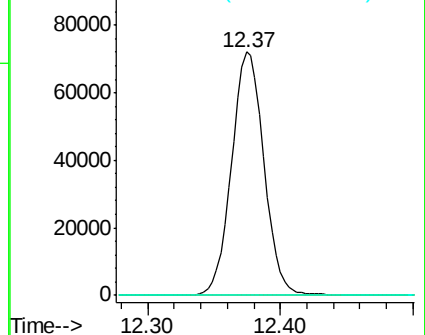
89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VN061505.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061505.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061505.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 0.268 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.04 min

Lab File: VN061505.D

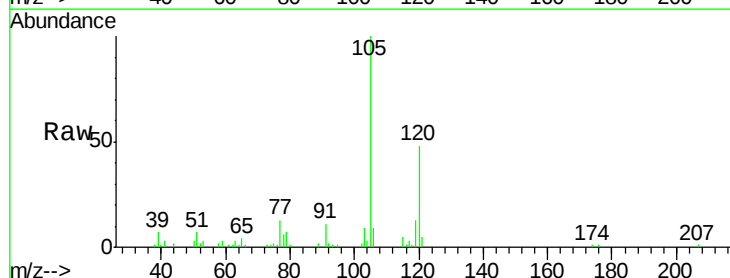
Acq: 20 May 2020 17:03

Tgt Ion: 91 Resp: 3258

Ion Ratio Lower Upper

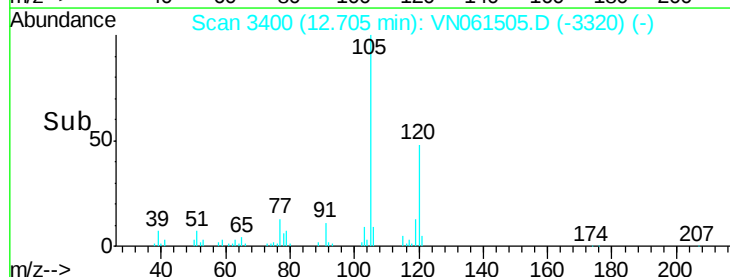
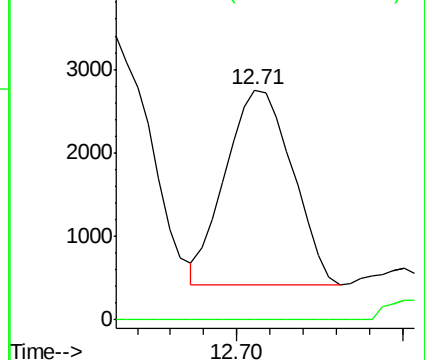
91 100

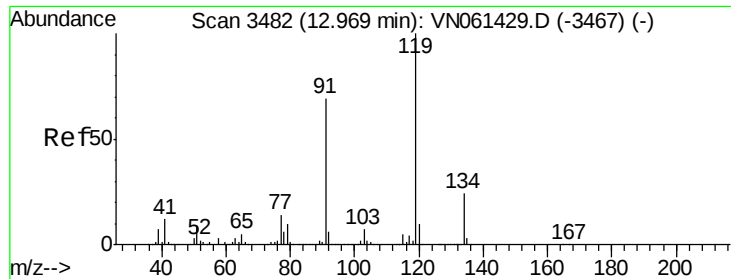
126 0.0 16.1 48.2#



Abundance Ion 91.00 (90.70 to 91.70): VN061505.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061505.D (-3320) (-)

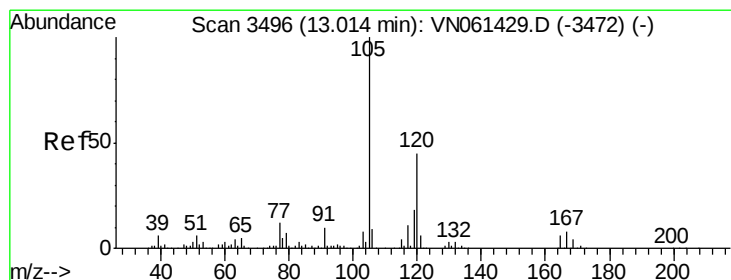
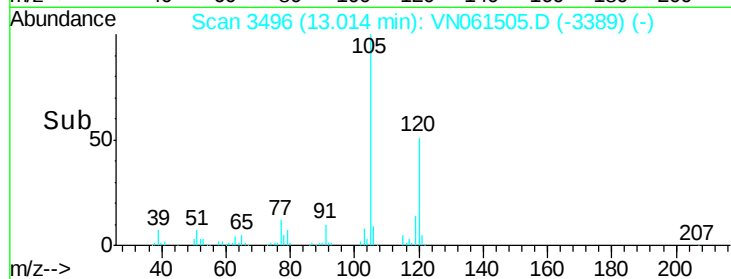
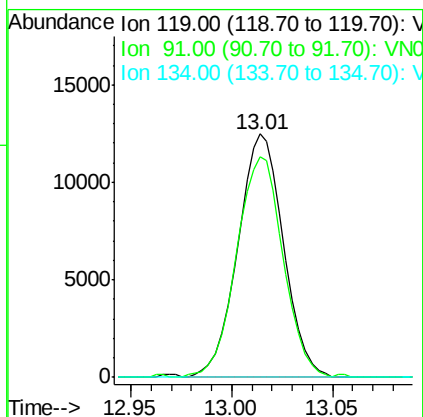
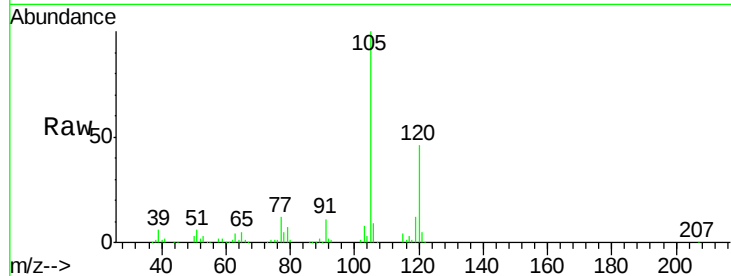




#83
 tert-Butylbenzene
 Concen: 1.613 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.05 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

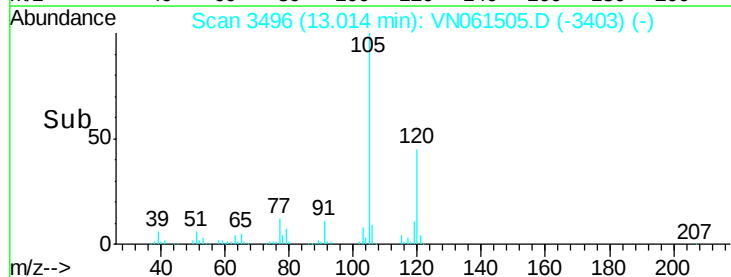
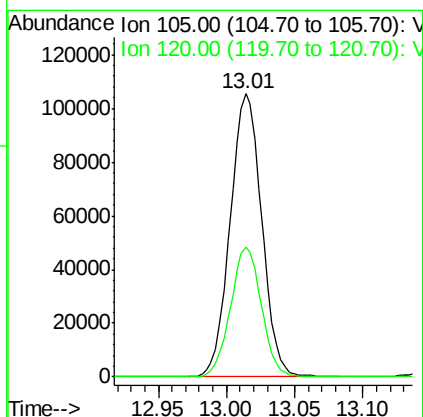
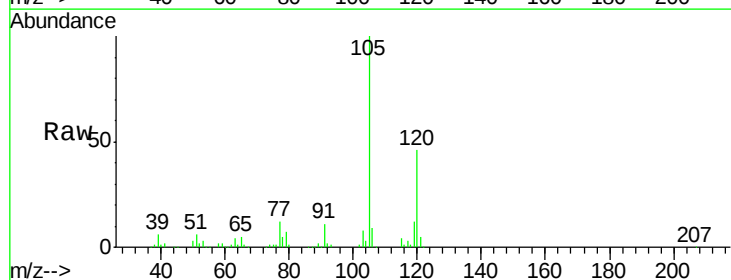
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320DL2

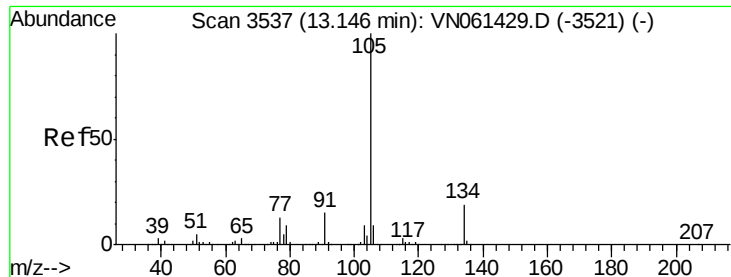
Tot Ion:119 Resp: 19715
 Ion Ratio Lower Upper
 119 100
 91 92.9 33.7 101.0
 134 0.0 12.8 38.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 11.861 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Tgt Ion:105 Resp: 169386
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

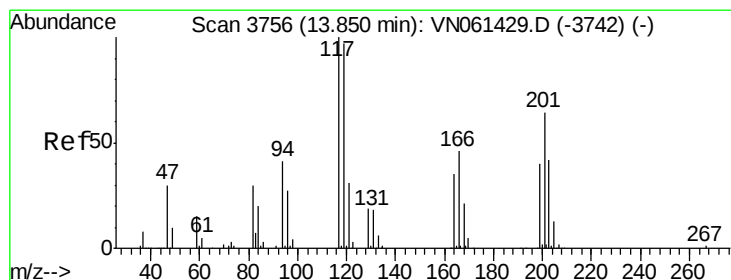
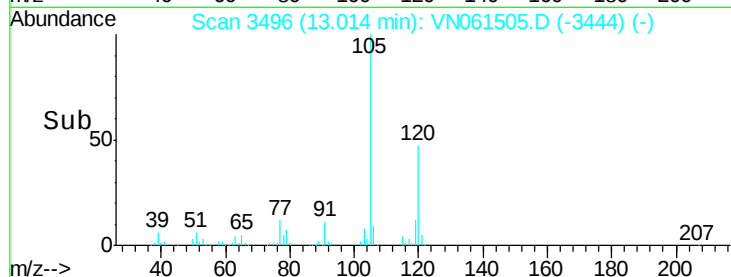
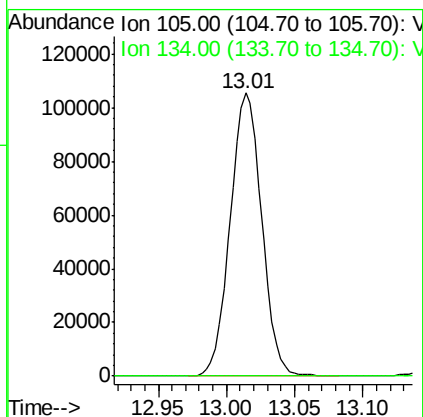
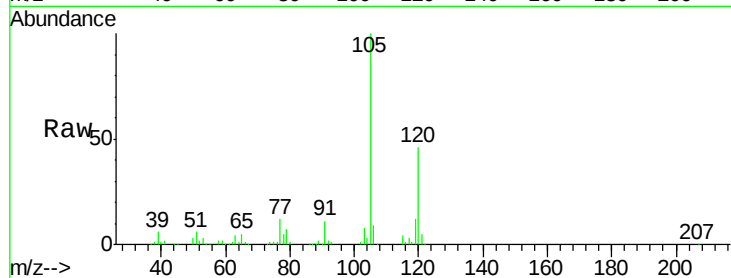




#85
 sec-Butylbenzene
 Concen: 10.248 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

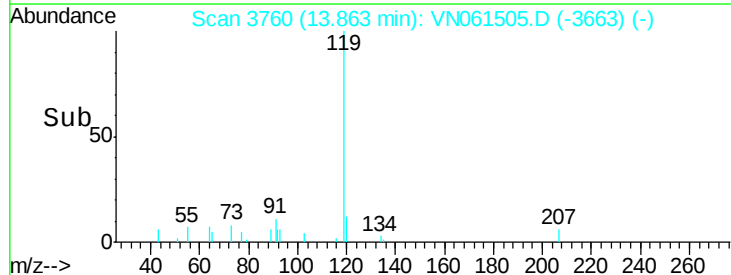
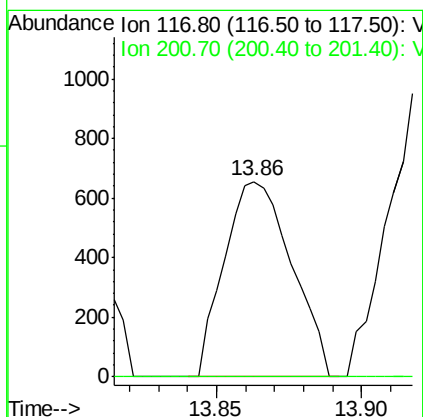
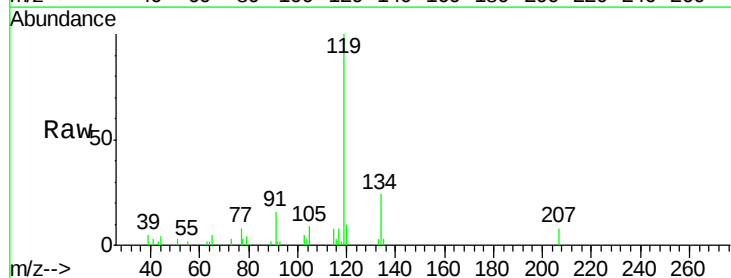
Instrument :
 MSVOA_N
 ClientSampleID :
 DUP-051320DL2

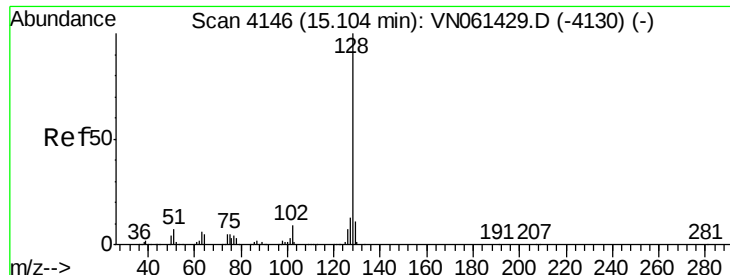
Tot Ion:105 Resp: 169386
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#



#90
 Hexachloroethane
 Concen: 0.532 ug/l
 RT: 13.86 min Scan# 3760
 Delta R.T. 0.01 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Tgt Ion:117 Resp: 1058
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.9 98.7#

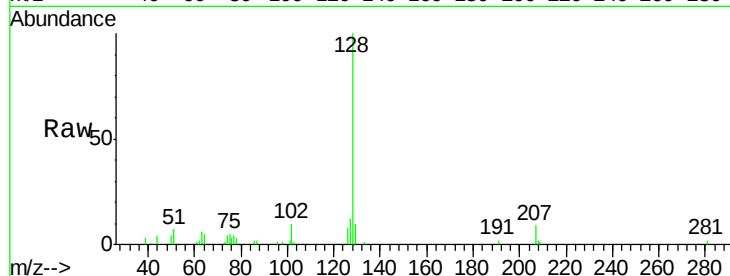




#95
Naphthalene
Concen: 2.366 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
DUP-051320DL2

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.1	15.1
129	10.3	8.6	13.0



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

